Adaptation of *Mycobacterium tuberculosis* to biofilm growth is genetically linked to drug tolerance

Appendix B

Supplemental Results for Tn-seq and RNA-seq Experiments

Table B1: Profiling genetic factors conferring a fitness advantage during pellicle biofilm development of *M. tuberculosis*

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0001	dnaA	25	1	0	5.3	5.3	1.4	1	1
Rv0002	dnaN	20	0	0	0	0	0	1	1
Rv0003	recF	30	6	92.1	73.7	-18.4	-0.32	0.7076	1
Rv0004	-	3	0	0	0	0	0	1	1
Rv0005	gyrB	32	3	0	21.1	21.1	3.4	0.1765	1
Rv0006	gyrA	33	4	0	54.3	54.3	4.76	0.0783	0.88
Rv0007	-	9	4	152.4	116.8	-35.5	-0.38	0.8095	1
Rv0008c	-	3	2	469.5	49.8	-419.7	-3.24	0.0288	0.5985
Rv0009	ppiA	6	4	298.1	167.8	-130.3	-0.83	0.3615	1
Rv0010c	-	9	7	5794.1	6514.5	720.4	0.17	0.8725	1
Rv0011c	-	3	0	0	0	0	0	1	1
Rv0012	-	9	4	257.3	0	-257.3	-7.01	0.0008	0.0602
Rv0013	trpG	11	0	0	0	0	0	1	1
Rv0014c	pknB	16	2	0	31.6	31.6	3.98	0.4299	1
Rv0015c	pknA	10	1	0	15.8	15.8	2.98	1	1
Rv0016c	pbpA	26	5	76.1	68.5	-7.6	-0.15	0.9656	1
Rv0017c	rodA	18	11	2317.4	1082	-1235.5	-1.1	0.3762	1
Rv0018c	ppp	19	5	957.6	268.4	-689.2	-1.84	0.0424	0.6794
Rv0019c	-	10	5	808.5	147.5	-661	-2.45	0.1041	0.9433
Rv0020c	TB39.8	45	6	36.8	89.5	52.7	1.28	0.5282	1
Rv0021c	-	15	12	32380.8	34114.2	1733.5	0.08	0.8938	1
Rv0022c	whiB5	5	5	7252.9	7256	3.1	0	0.9998	1
Rv0023	-	10	0	0	0	0	0	1	1
Rv0024	-	11	10	5557.2	9014.8	3457.6	0.7	0.5711	1
Rv0025	-	5	4	323.6	196.6	-127.1	-0.72	0.5064	1
Rv0026	-	10	8	8727.5	10386.5	1658.9	0.25	0.7884	1
Rv0027	-	5	4	1827	417.1	-1409.9	-2.13	0.0021	0.1289
Rv0028	-	4	4	9296.8	12100.4	2803.7	0.38	0.6933	1
Rv0029	-	13	13	7029.2	3269.3	-3759.9	-1.1	0.1172	0.973
Rv0030	-	3	3	515.2	1197.6	682.4	1.22	0.6834	1
Rv0031	-	1	0	0	0	0	0	1	1
Rv0032	bioF2	44	30	20126.4	12354.9	-7771.6	-0.7	0.1474	1
Rv0033	acpA	3	3	2180.9	1392	-788.9	-0.65	0.3575	1
Rv0034	-	2	2	996.5	3256.6	2260.1	1.71	0.181	1
Rv0035	fadD34	23	22	30531.8	24737.3	-5794.5	-0.3	0.6362	1
Rv0036c	-	4	4	4214.4	1381.7	-2832.7	-1.61	0.1898	1
Rv0037c	-	16	13	70202.7	17259.1	-52943.6	-2.02	0.1093	0.9637
Rv0038	-	7	7	5686.2	4958.3	-727.9	-0.2	0.8064	1
Rv0039c	-	4	2	3363.5	6224.4	2860.9	0.89	0.5862	1
Rv0040c	mtc28	7	7	8035.4	24218.3	16182.9	1.59	0.1453	1
Rv0041	leuS	55	2	0	57.9	57.9	4.86	0.4324	1
Rv0042c	-	2	2	610.8	202.3	-408.5	-1.59	0.3054	1
Rv0043c	-	6	6	2519.6	2027.9	-491.7	-0.31	0.7611	1
Rv0044c	-	15	9	5225.3	4848.1	-377.3	-0.11	0.8581	1
Rv0045c	-	6	5	4637.9	10470.4	5832.5	1.17	0.4057	1
Rv0046c	ino1	10	3	0	121.1	121.1	5.92	0.1813	1
Rv0047c	-	5	4	3995.1	8842.5	4847.4	1.15	0.9426	1
Rv0048c	-	12	10	27889.2	33522.2	5633	0.27	0.6532	1
Rv0049	-	5	4	15244.9	3511.1	-11733.8	-2.12	0.2015	1
Rv0050	ponA1	27	10	616	15.8	-600.1	-5.28	0.0012	0.0855
Rv0051	-	26	16	6838.7	9834.9	2996.2	0.52	0.5084	1
Rv0052	-	4	4	1479.2	684.3	-794.9	-1.11	0.2643	1
Rv0053	rpsF	4	2	0	31.6	31.6	3.98	0.4272	1
Rv0054	ssb	5	0	0	0	0	0	1	1
Rv0055	rpsR	3	1	1	0	-1	1	1	1
Rv0056	rplI	6	3	1985.3	2161.2	175.9	0.12	0.8938	1
Rv0057	-	12	7	2636.4	465.2	-2171.2	-2.5	0.0001	0.0114
Rv0058	dnaB	32	0	0	0	0	0	1	1
Rv0059	-	10	8	12438.7	17505.2	5066.5	0.49	0.4907	1
Rv0060	-	18	1	0	5.3	5.3	1.4	1	1
Rv0061	-	6	5	3576.3	5115	1538.7	0.52	0.424	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0062	celA1	17	15	10902.3	18355.5	7453.3	0.75	0.296	1
Rv0063	-	14	11	4532.3	6126.6	1594.2	0.43	0.4185	1
Rv0064	-	57	36	16522.3	11317.7	-5204.7	-0.55	0.56	1
Rv0065	-	7	6	1047	233.4	-813.5	-2.17	0.0434	0.6899
Rv0066c	icd2	23	6	45	42.1	-2.8	-0.09	0.9549	1
Rv0067c	-	7	5	947.9	15.8	-932.1	-5.91	0.0387	0.6571
Rv0068	-	8	6	6549.2	8937.4	2388.2	0.45	0.8459	1
Rv0069c	sdaA	8	6	808.8	1.7	-807.2	-8.91	0	0
Rv0070c	glyA2	10	9	842.1	5035.9	4193.7	2.58	0.4767	1
Rv0071	-	5	5	2820	2803.7	-16.3	-0.01	0.989	1
Rv0072	-	12	12	26794.8	34471.4	7676.6	0.36	0.6219	1
Rv0073	-	9	9	6463	8458.1	1995.1	0.39	0.4843	1
Rv0074	-	12	12	6460.6	4870.6	-1590	-0.41	0.6165	1
Rv0075	-	19	13	12647.3	11389.9	-1257.3	-0.15	0.8076	1
Rv0076c	-	3	3	3327.1	6894.1	3567	1.05	0.436	1
Rv0077c	-	9	5	5309.5	1256.2	-4053.3	-2.08	0.0419	0.6794
Rv0078	-	7	6	1888.6	918.4	-970.2	-1.04	0.3708	1
Rv0078A	-	9	8	3934.7	3469.5	-465.3	-0.18	0.7956	1
Rv0079	-	11	9	2288.1	3734.1	1446	0.71	0.9209	1
Rv0080	-	3	2	637.6	47.4	-590.2	-3.75	0.028	0.5985
Rv0081	-	4	2	3353	5198	1844.9	0.63	0.5656	1
Rv0082	-	6	3	8798.6	5186.1	-3612.5	-0.76	0.462	1
Rv0083	-	14	11	4646.8	17312.1	12665.3	1.9	0.246	1
Rv0084	hycD	6	6	1061.1	961.8	-99.3	-0.14	0.9852	1
Rv0085	hycP	3	3	143.1	153.7	10.6	0.1	0.9519	1
Rv0086	hycQ	14	8	4374.9	5132.6	757.7	0.23	0.9253	1
Rv0087	hycE	17	9	3296.2	6286.1	2989.9	0.93	0.9174	1
Rv0088	-	9	6	542.2	843.8	301.6	0.64	0.5549	1
Rv0089	-	6	4	7390.7	5009.5	-2381.3	-0.56	0.6381	1
Rv0090	-	9	9	7135.3	11501.5	4366.2	0.69	0.9963	1
Rv0091	mtn	10	7	53606.2	28579.2	-25027.1	-0.91	0.5527	1
Rv0092	ctpA	23	13	30935.4	6415.1	-24520.3	-2.27	0.0519	0.7585
Rv0093c	-	6	5	10410.7	4429.1	-5981.7	-1.23	0.3908	1
Rv0094c	-	10	10	5627.2	8000	2372.7	0.51	0.492	1
Rv0095c	-	4	0	0	0	0	0	1	1
Rv0096	PPE1	26	20	861.2	947.2	86	0.14	0.8887	1
Rv0097	-	19	17	8411	5908.5	-2502.5	-0.51	0.3134	1
Rv0098	-	9	7	613.4	601.2	-12.2	-0.03	0.9781	1
Rv0099	fadD10	29	12	3661	8335.8	4674.8	1.19	0.5115	1
Rv0100	-	3	3	1708.3	1187.6	-520.7	-0.52	0.7634	1
Rv0101	nrp	89	63	30734.1	27233.5	-3500.6	-0.17	0.6822	1
Rv0102	-	31	3	7	0	-7	-1.81	0.1784	1
Rv0103c	ctpB	22	16	5992.6	4117.8	-1874.8	-0.54	0.3442	1
Rv0104	-	23	21	15457.9	24129.2	8671.3	0.64	0.2587	1
Rv0105c	rpmB	4	4	5543.9	9804.3	4260.4	0.82	0.7853	1
Rv0106	-	6	4	2963.2	1102.3	-1860.9	-1.43	0.0646	0.834
Rv0107c	ctpI	47	27	17706	14575.3	-3130.7	-0.28	0.7207	1
Rv0108c	-	2	2	11931.2	10532	-1399.2	-0.18	0.7379	1
Rv0109	PE_PGRS1	21	12	1921.4	5461.8	3540.3	1.51	0.475	1
Rv0110	-	11	11	22978.6	20341.2	-2637.5	-0.18	0.7462	1
Rv0111	-	30	23	9414.1	4954.8	-4459.3	-0.93	0.0633	0.8304
Rv0112	gca	25	17	10398.8	8863.6	-1535.2	-0.23	0.7326	1
Rv0113	gmhA	11	9	10839.6	9163.3	-1676.3	-0.24	0.7945	1
Rv0114	gmhB	8	8	5943.8	4609	-1334.8	-0.37	0.6067	1
Rv0115	hddA	13	13	10031.6	13842.4	3810.8	0.46	0.5779	1
Rv0116c	-	13	9	9656.7	9564.7	-92	-0.01	0.9833	1
Rv0117	oxyS	14	10	5061.2	3127.1	-1934.2	-0.69	0.4926	1
Rv0118c	oxcA	22	10	1980.4	326.3	-1654.1	-2.6	0.0016	0.1064
Rv0119	fadD7	11	5	532.6	136.9	-395.7	-1.96	0.086	0.8839
Rv0120c	fusA2	23	13	4787.2	5717.5	930.3	0.26	0.7683	1
Rv0121c	-	10	5	4750.1	5181.7	431.6	0.13	0.9239	1
Rv0122	-	9	4	1908.8	3282.5	1373.8	0.78	0.4533	1
Rv0123	-	4	0	0	0	0	0	1	1
Rv0124	PE_PGRS2	8	5	682.4	4759.6	4077.3	2.8	0.4141	1
Rv0125	pepA	8	7	2881.1	2092.1	-789	-0.46	0.6264	1
Rv0126	treS	26	3	0	42.1	42.1	4.4	0.1871	1
Rv0127	-	22	3	0	110.6	110.6	5.79	0.1815	1
Rv0128	-	13	12	11253.2	18617.5	7364.3	0.73	0.4273	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0129c	fbpC	21	17	23129.3	2208.6	-20920.6	-3.39	0.0951	0.921
Rv0130	-	3	2	170.1	5.3	-164.9	-5.01	0.2583	1
Rv0131c	fadE1	16	13	7102.1	9983.3	2881.2	0.49	0.7311	1
Rv0132c	fgd2	11	8	11204	5784	-5420	-0.95	0.1921	1
Rv0133	-	4	4	6069.7	2541.9	-3527.8	-1.26	0.2132	1
Rv0134	ephF	10	10	6840.2	3888.9	-2951.3	-0.81	0.0703	0.8552
Rv0135c	-	9	5	2003.2	2222.5	219.3	0.15	0.9231	1
Rv0136	cyp138	20	19	37414.2	53978.5	16564.3	0.53	0.5179	1
Rv0137c	msrA	10	7	10502	12908.7	2406.8	0.3	0.7311	1
Rv0138	-	6	6	8353.2	4082.4	-4270.7	-1.03	0.0984	0.9348
Rv0139	-	11	11	16034.2	16556.5	522.2	0.05	0.9483	1
Rv0140	-	13	11	5212.6	5165.7	-46.8	-0.01	0.9902	1
Rv0141c	-	8	6	7990.6	10960.9	2970.4	0.46	0.7734	1
Rv0142	-	5	4	4217.8	12041.4	7823.6	1.51	0.2307	1
Rv0143c	-	18	13	17549.8	14539.4	-3010.4	-0.27	0.6998	1
Rv0144	-	10	9	12114.6	6558.7	-5555.9	-0.89	0.1371	1
Rv0145	-	13	10	15449.1	11996.9	-3452.1	-0.36	0.427	1
Rv0146	-	14	13	15448	15563.2	115.2	0.01	0.9869	1
Rv0147	-	17	17	32304.8	36564.7	4259.9	0.18	0.8093	1
Rv0148	-	13	13	17438.4	9684.2	-7754.1	-0.85	0.067	0.8362
Rv0149	-	16	15	67032.1	16193.7	-50838.4	-2.05	0.4116	1
Rv0150c	-	4	1	22.5	47.4	24.9	1.08	1	1
Rv0151c	PE1	34	29	49415.8	72941.8	23526	0.56	0.1418	1
Rv0152c	PE2	29	28	91548	51811.6	-39736.4	-0.82	0.3559	1
Rv0153c	ptbB	11	10	19310.9	5926.5	-13384.5	-1.7	0.0018	0.1177
Rv0154c	fadE2	7	5	1559.2	1232.3	-326.9	-0.34	0.7989	1
Rv0155	pntAa	8	5	1248.2	3691.9	2443.8	1.56	0.4476	1
Rv0156	pntAb	0	0	0	0	0	0	1	1
Rv0157	pntB	8	7	3375.6	9552	6176.4	1.5	0.0778	0.88
Rv0158	-	15	15	41169.6	84646.8	43477.2	1.04	0.1383	1
Rv0159c	PE3	44	40	83982.8	109280.6	25297.7	0.38	0.366	1
Rv0160c	PE4	36	33	61011.1	82559.1	21548.1	0.44	0.3385	1
Rv0161	-	13	6	6470.4	16917.8	10447.4	1.39	0.3747	1
Rv0162c	adhE1	12	8	1269.1	2440.3	1171.2	0.94	0.8947	1
Rv0163	-	7	6	11233.7	10861.6	-372.1	-0.05	0.9568	1
Rv0164	TB18.5	8	3	1939.7	992.6	-947	-0.97	0.5738	1
Rv0165c	-	5	4	4150.2	1064.7	-3085.5	-1.96	0.1087	0.9637
Rv0166	fadD5	20	17	34552.5	41747.8	7195.3	0.27	0.7006	1
Rv0167	yrbE1A	5	3	1247.6	1599.3	351.6	0.36	0.8152	1
Rv0168	yrbE1B	10	9	6141.4	7461.5	1320	0.28	0.7194	1
Rv0169	mce1A	26	23	26115.8	15520	-10595.8	-0.75	0.1637	1
Rv0170	mce1B	14	13	11078.2	15442.6	4364.4	0.48	0.5051	1
Rv0171	mce1C	22	21	21609.6	15597.6	-6012	-0.47	0.4594	1
Rv0172	mce1D	26	25	32263.7	39718.1	7454.3	0.3	0.4522	1
Rv0173	lprK	11	10	13738.1	15118.9	1380.9	0.14	0.8079	1
Rv0174	mce1F	23	20	30351.4	22107.3	-8244.2	-0.46	0.3675	1
Rv0175	-	6	6	3659.8	6848.2	3188.4	0.9	0.493	1
Rv0176	-	12	9	5619.3	5726.7	107.4	0.03	0.9716	1
Rv0177	-	8	6	9268	17006	7737.9	0.88	0.552	1
Rv0178	-	8	7	2720.3	2590.7	-129.5	-0.07	0.931	1
Rv0179c	lprO	17	15	7121.1	13700.3	6579.2	0.94	0.2213	1
Rv0180c	-	25	3	3	73.7	70.7	4.62	0.1814	1
Rv0181c	-	13	10	2794.3	3032	237.8	0.12	0.8412	1
Rv0182c	sigG	15	12	12975.7	17728.1	4752.4	0.45	0.7721	1
Rv0183	-	12	12	33040.5	44934.1	11893.5	0.44	0.5838	1
Rv0184	-	9	5	4594.7	3211.9	-1382.8	-0.52	0.7035	1
Rv0185	-	9	4	2214.7	315.6	-1899.1	-2.81	0.0005	0.0416
Rv0186	bglS	24	18	4164.8	4323.9	159.1	0.05	0.9418	1
Rv0187	-	6	3	1449.4	500.6	-948.8	-1.53	0.0204	0.5575
Rv0188	-	6	4	1654.5	811.1	-843.4	-1.03	0.5005	1
Rv0189c	ilvD	17	0	0	0	0	0	1	1
Rv0190	-	3	3	590.5	161.6	-428.9	-1.87	0.1156	0.973
Rv0191	-	14	12	24020.8	20191.7	-3829.1	-0.25	0.6776	1
Rv0192	-	10	9	10889.9	8444.4	-2445.5	-0.37	0.543	1
Rv0192A	-	2	2	801.5	231.8	-569.8	-1.79	0.2853	1
Rv0193c	-	26	25	29144.7	27829.2	-1315.4	-0.07	0.8982	1
Rv0194	-	43	40	102070.1	115268.6	13198.5	0.18	0.6391	1
Rv0195	-	4	3	3345.6	2458.1	-887.5	-0.44	0.5825	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0196	-	7	6	9947	3733.5	-6213.4	-1.41	0.0446	0.694
Rv0197	-	26	21	30424	24883.5	-5540.6	-0.29	0.7119	1
Rv0198c	-	35	19	5950.2	6708.7	758.6	0.17	0.7842	1
Rv0199	-	12	11	19294.9	13635	-5659.9	-0.5	0.5877	1
Rv0200	-	6	3	7321.5	3457.5	-3864	-1.08	0.275	1
Rv0201c	-	6	6	3950	328	-3622	-3.59	0.0005	0.0416
Rv0202c	mmpL11	25	19	7830.5	2492.4	-5338.2	-1.65	0.0167	0.4973
Rv0203	-	3	3	3375.6	1627.1	-1748.5	-1.05	0.3262	1
Rv0204c	-	13	7	899	22.7	-876.2	-5.3	0.0081	0.3438
Rv0205	-	11	7	4522.1	3994.1	-528	-0.18	0.8654	1
Rv0206c	mmpL3	23	3	155.5	26.3	-129.2	-2.56	0.5776	1
Rv0207c	-	6	3	2553.7	4798.8	2245.1	0.91	0.9766	1
Rv0208c	trmB	9	1	0	12.2	12.2	2.61	0.3301	1
Rv0209	-	10	6	2415.7	552.3	-1863.3	-2.13	0.0158	0.4849
Rv0210	-	11	8	9935.2	7658.2	-2277.1	-0.38	0.6392	1
Rv0211	pckA	21	16	12379.3	4204.9	-8174.4	-1.56	0.0175	0.506
Rv0212c	nadR	5	2	1345.9	3419.5	2073.6	1.35	0.3752	1
Rv0213c	-	28	21	13254.1	11868.4	-1385.7	-0.16	0.6886	1
Rv0214	fadD4	27	21	20067.7	15187.9	-4879.8	-0.4	0.4424	1
Rv0215c	fadE3	9	7	4758.2	7659.9	2901.7	0.69	0.6206	1
Rv0216	-	15	7	1502.2	5406.5	3904.3	1.85	0.1057	0.9499
Rv0217c	lipW	17	13	6687.2	4317	-2370.2	-0.63	0.3355	1
Rv0218	-	16	13	7441.8	8301.5	859.7	0.16	0.8201	1
Rv0219	-	10	5	5653.4	4659.7	-993.6	-0.28	0.7844	1
Rv0220	lipC	19	13	23437.8	23550.6	112.9	0.01	0.9987	1
Rv0221	-	17	15	17998.9	20060.4	2061.5	0.16	0.8604	1
Rv0222	echA1	6	5	1735.2	2174.7	439.5	0.33	0.732	1
Rv0223c	-	19	14	3767.8	2106	-1661.9	-0.84	0.2917	1
Rv0224c	-	12	1	0	26.3	26.3	3.72	1	1
Rv0225	-	18	3	0	94.8	94.8	5.57	0.1818	1
Rv0226c	-	19	2	1.8	57.9	56.1	4.99	0.4278	1
Rv0227c	-	17	1	0	47.4	47.4	4.57	1	1
Rv0228	-	10	0	0	0	0	0	1	1
Rv0229c	-	7	7	17648	13872.2	-3775.8	-0.35	0.4909	1
Rv0230c	php	11	10	13007.9	16920.4	3912.5	0.38	0.5291	1
Rv0231	fadE4	29	28	24645.1	24959.5	314.4	0.02	0.9634	1
Rv0232	-	9	9	16572.6	17885.5	1312.9	0.11	0.8728	1
Rv0233	nrdB	9	9	14278.2	4708.2	-9570	-1.6	0.1873	1
Rv0234c	gabD1	15	10	1917.7	1230.6	-687.1	-0.64	0.4687	1
Rv0235c	-	20	14	5166.8	2532.8	-2634	-1.03	0.1649	1
Rv0236A	-	2	0	0	0	0	0	1	1
Rv0236c	-	31	3	0	57.9	57.9	4.86	0.0638	0.8304
Rv0237	lpqI	9	4	5250.7	1304.6	-3946.1	-2.01	0.1035	0.9433
Rv0238	-	10	9	12631.6	21046	8414.4	0.74	0.4225	1
Rv0239	-	2	2	365.3	5.3	-360	-6.12	0.0309	0.6032
Rv0240	-	6	5	2903.1	3546.9	643.8	0.29	0.8209	1
Rv0241c	-	10	4	126.6	5.3	-121.3	-4.59	0.0731	0.8752
Rv0242c	fabG	8	7	821.4	57.9	-763.5	-3.83	0.0418	0.6794
Rv0243	fadA2	17	13	1882.5	135.8	-1746.7	-3.79	0	0
Rv0244c	fadE5	21	18	3194.6	1977.9	-1216.7	-0.69	0.3908	1
Rv0245	-	2	1	186.6	831.5	645	2.16	1	1
Rv0246	-	26	20	28593.9	27764.5	-829.4	-0.04	0.9438	1
Rv0247c	-	8	7	121.4	1508.8	1387.4	3.64	0.1181	0.9753
Rv0248c	sdhA	28	16	2061.7	631.8	-1429.8	-1.71	0.6051	1
Rv0249c	-	21	17	782.5	639.7	-142.8	-0.29	0.7322	1
Rv0250c	-	3	3	1726.6	1611.1	-115.5	-0.1	0.91	1
Rv0251c	hsp	4	4	1378.1	3430.2	2052.1	1.32	0.3669	1
Rv0252	nirB	31	17	13776.4	15959	2182.6	0.21	0.7287	1
Rv0253	nirD	5	4	1346	1945.1	599.1	0.53	0.5938	1
Rv0254c	cobU	4	3	4094.5	1728.9	-2365.6	-1.24	0.1946	1
Rv0255c	cobQ1	11	9	22031.5	11212.9	-10818.7	-0.97	0.2109	1
Rv0256c	PPE2	24	23	16595.6	22384.8	5789.2	0.43	0.4602	1
Rv0257	-	3	3	2194.1	4410.9	2216.8	1.01	0.5559	1
Rv0258c	-	5	2	197.2	84.3	-113	-1.23	0.3641	1
Rv0259c	-	6	3	642.1	510.9	-131.2	-0.33	0.7947	1
Rv0260c	-	17	11	5339.1	7612.3	2273.2	0.51	0.5352	1
Rv0261c	narK3	20	16	2991.8	4631.5	1639.7	0.63	0.9483	1
Rv0262c	aac	6	6	2330.6	1206.2	-1124.5	-0.95	0.4644	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0263c	-	14	9	7065	3520	-3545	-1.01	0.2359	1
Rv0264c	-	7	5	3618.7	3228.6	-390.1	-0.16	0.8346	1
Rv0265c	-	6	6	1801.8	4670.3	2868.5	1.37	0.296	1
Rv0266c	oplA	30	26	21383.9	24241.6	2857.6	0.18	0.708	1
Rv0267	narU	8	7	5303.1	2295.6	-3007.6	-1.21	0.1231	0.9863
Rv0268c	-	11	11	23577.2	20755.5	-2821.7	-0.18	0.8227	1
Rv0269c	-	7	4	14240.4	25055.4	10814.9	0.82	0.6861	1
Rv0270	fadD2	16	15	6259.3	3569.6	-2689.8	-0.81	0.1549	1
Rv0271c	fadE6	20	17	9686.2	24459.2	14773	1.34	0.1876	1
Rv0272c	-	11	3	473.2	995.5	522.3	1.07	0.7234	1
Rv0273c	-	15	10	2603.2	2039.7	-563.5	-0.35	0.7123	1
Rv0274	-	6	5	8652.1	7566.7	-1085.4	-0.19	0.6175	1
Rv0275c	-	6	4	1609.5	307.2	-1302.3	-2.39	0.0364	0.6315
Rv0276	-	17	11	18514.5	16301.6	-2212.9	-0.18	0.8394	1
Rv0277c	-	5	5	1201.6	3935.4	2733.8	1.71	0.1949	1
Rv0278c	PE_PGRS3	20	11	368.9	5891.2	5522.3	4	0.0431	0.6879
Rv0279c	PE_PGRS4	13	11	1485.2	6578.8	5093.6	2.15	0.0921	0.9029
Rv0280	PPE3	23	22	21511.5	5588.2	-15923.3	-1.94	0.0077	0.3414
Rv0281	-	8	8	4927.3	1714	-3213.3	-1.52	0.0339	0.6157
Rv0282	-	16	0	0	0	0	0	1	1
Rv0283	-	16	0	0	0	0	0	1	1
Rv0284	-	49	2	0	115.9	115.9	5.86	0.433	1
Rv0285	PE5	2	0	0	0	0	0	1	1
Rv0286	PPE4	26	2	5	31.6	26.6	2.66	1	1
Rv0287	esxG	1	0	0	0	0	0	1	1
Rv0288	esxH	7	3	22	53.6	31.7	1.29	0.4355	1
Rv0289	-	13	1	0	36.9	36.9	4.2	1	1
Rv0290	-	12	0	0	0	0	0	1	1
Rv0291	mycP3	12	0	0	0	0	0	1	1
Rv0292	-	15	0	0	0	0	0	1	1
Rv0293c	-	24	17	12421	25461.9	13040.9	1.04	0.2409	1
Rv0294	tam	11	7	4307.1	2797.2	-1509.9	-0.62	0.4189	1
Rv0295c	-	5	3	1469.4	10793.2	9323.8	2.88	0.1951	1
Rv0296c	-	36	24	24155.5	22387.9	-1767.6	-0.11	0.8132	1
Rv0297	PE_PGRS5	10	8	6347.9	5345.9	-1002	-0.25	0.8462	1
Rv0298	-	3	3	570.4	31.6	-538.8	-4.17	0.02	0.5542
Rv0299	-	1	1	262	44.3	-217.7	-2.56	0.3398	1
Rv0300	-	3	3	10854.7	16642.8	5788.1	0.62	0.6325	1
Rv0301	-	6	6	18809.1	21336	2526.9	0.18	0.9101	1
Rv0302	-	6	4	5709	6119.5	410.6	0.1	0.9251	1
Rv0303	-	10	10	7295.8	5801.1	-1494.7	-0.33	0.6221	1
Rv0304c	PPE5	94	84	103069.1	111532.2	8463.1	0.11	0.7361	1
Rv0305c	PPE6	47	42	40825.7	54423.8	13598.1	0.41	0.2641	1
Rv0306	-	4	4	5768.9	6626.3	857.4	0.2	0.8188	1
Rv0307c	-	6	5	6877.7	2641.3	-4236.4	-1.38	0.1138	0.973
Rv0308	-	11	9	3807.1	6077	2269.9	0.67	0.5508	1
Rv0309	-	11	9	820.2	201.8	-618.4	-2.02	0.1173	0.973
Rv0310c	-	10	4	505.6	747.9	242.3	0.56	0.6127	1
Rv0311	-	13	8	2344.4	4007.8	1663.4	0.77	0.5053	1
Rv0312	-	18	5	283.6	2829.7	2546	3.32	0.2721	1
Rv0313	-	3	3	8786.5	7468.5	-1318	-0.23	0.7963	1
Rv0314c	-	5	5	12382.8	18727.1	6344.3	0.6	0.4302	1
Rv0315	-	7	6	5104.4	2583.4	-2521	-0.98	0.1997	1
Rv0316	-	7	6	6608.2	9714.7	3106.6	0.56	0.9679	1
Rv0317c	glpQ2	11	10	18505	14186.3	-4318.7	-0.38	0.7917	1
Rv0318c	-	6	5	1217.4	856.9	-360.5	-0.51	0.5746	1
Rv0319	pcp	6	4	3439.2	1156.4	-2282.7	-1.57	0.1114	0.9705
Rv0320	-	9	8	15819.3	8627.3	-7191.9	-0.87	0.3911	1
Rv0321	dcd	2	2	1967.2	3243.3	1276.1	0.72	0.9796	1
Rv0322	udgA	16	7	2642.3	438.4	-2204	-2.59	0.0081	0.3438
Rv0323c	-	10	6	2525.8	983.6	-1542.2	-1.36	0.061	0.8277
Rv0324	-	11	7	499.9	3212.9	2713	2.68	0.7557	1
Rv0325	-	5	5	4685	5444.5	759.5	0.22	0.7393	1
Rv0326	-	5	2	557.7	3385	2827.3	2.6	0.4183	1
Rv0327c	cyp135A1	16	6	1248.6	658.2	-590.4	-0.92	0.223	1
Rv0328	-	10	6	4289.2	1365.2	-2924	-1.65	0.3525	1
Rv0329c	-	6	4	1290.4	2398.3	1107.9	0.89	0.5807	1
Rv0330c	-	6	4	5947.7	14669.5	8721.8	1.3	0.4682	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0331	-	14	10	38120.9	29390.1	-8730.8	-0.38	0.7449	1
Rv0332	-	8	7	5484.8	8281.4	2796.5	0.59	0.6944	1
Rv0333	-	4	3	4353.2	3304.2	-1049	-0.4	0.7087	1
Rv0334	rmlA	15	0	0	0	0	0	1	1
Rv0335c	PE6	1	0	0	0	0	0	1	1
Rv0336	-	14	13	11990.4	10977	-1013.3	-0.13	0.8162	1
Rv0337c	aspC	18	0	0	0	0	0	1	1
Rv0338c	-	27	4	1.8	84.3	82.4	5.53	0.1957	1
Rv0339c	-	24	15	8212.2	1419.3	-6792.9	-2.53	0.0002	0.0222
Rv0340	-	3	1	30	21.1	-8.9	-0.51	1	1
Rv0341	iniB	11	7	8384.6	2671	-5713.5	-1.65	0.235	1
Rv0342	iniA	21	17	50275.8	9242.9	-41032.9	-2.44	0.0372	0.6425
Rv0343	iniC	9	6	2767.3	159.7	-2607.6	-4.12	0.0132	0.4502
Rv0344c	lpqJ	8	7	2614.3	3640.6	1026.4	0.48	0.6518	1
Rv0345	-	5	5	13842.1	12685	-1157.1	-0.13	0.969	1
Rv0346c	ansP2	22	17	29918.4	1721.4	-28197	-4.12	0	0
Rv0347	-	14	0	0	0	0	0	1	1
Rv0348	-	10	1	2.8	0	-2.8	-0.5	0.3264	1
Rv0349	-	7	6	9228.7	6616.4	-2612.2	-0.48	0.5862	1
Rv0350	dnaK	12	0	0	0	0	0	1	1
Rv0351	grpE	7	0	0	0	0	0	1	1
Rv0352	dnaJ1	9	0	0	0	0	0	1	1
Rv0353	hspR	6	4	783.2	2971.8	2188.7	1.92	0.9982	1
Rv0354c	PPE7	2	2	308.2	347.2	38.9	0.17	1	1
Rv0355c	PPE8	129	113	143908.1	173513.6	29605.5	0.27	0.2103	1
Rv0356c	-	6	4	1372.4	4102.2	2729.8	1.58	0.9934	1
Rv0357c	purA	20	1	0	10.5	10.5	2.4	1	1
Rv0358	-	8	0	0	0	0	0	1	1
Rv0359	-	9	9	15376.8	11429.6	-3947.2	-0.43	0.5821	1
Rv0360c	-	8	7	12266.1	14613	2346.9	0.25	0.8858	1
Rv0361	-	6	3	101.6	21.1	-80.5	-2.27	0.3821	1
Rv0362	mgtE	13	11	21035.7	23175.6	2139.9	0.14	0.8229	1
Rv0363c	fba	12	0	0	0	0	0	1	1
Rv0364	-	10	1	0	5.3	5.3	1.4	1	1
Rv0365c	-	18	14	10715.7	9772.4	-943.3	-0.13	0.8375	1
Rv0366c	-	5	4	1395.2	1258.4	-136.8	-0.15	0.9236	1
Rv0367c	-	2	2	650.8	62	-588.8	-3.39	0.0404	0.6745
Rv0368c	-	11	8	9177.2	8194.5	-982.7	-0.16	0.8349	1
Rv0369c	-	5	4	1313.3	4490.3	3177	1.77	0.8163	1
Rv0370c	-	15	9	4710.3	3667.4	-1043	-0.36	0.8024	1
Rv0371c	-	3	0	0	0	0	0	1	1
Rv0372c	-	6	3	2483.6	3680.8	1197.2	0.57	0.7046	1
Rv0373c	-	31	19	5421.6	9836.9	4415.3	0.86	0.4963	1
Rv0374c	-	4	3	23.5	1.7	-21.8	-3.81	0.1793	1
Rv0375c	-	6	3	2613.1	1811.5	-801.6	-0.53	0.6156	1
Rv0376c	-	11	4	1453.7	1332.9	-120.8	-0.13	0.8893	1
Rv0377	-	6	4	1698.8	45.2	-1653.6	-5.23	0.0161	0.4904
Rv0378	-	3	1	851.5	735.5	-116	-0.21	0.3418	1
Rv0379	secE2	2	1	588.7	616.2	27.5	0.07	1	1
Rv0380c	-	7	5	1930.4	2738	807.7	0.5	0.6641	1
Rv0381c	-	15	12	65072.6	83759.4	18686.8	0.36	0.7459	1
Rv0382c	pyrE	10	0	0	0	0	0	1	1
Rv0383c	-	5	1	252.3	20.6	-231.8	-3.62	0.3404	1
Rv0384c	clpB	15	0	0	0	0	0	1	1
Rv0385	-	15	13	33483.1	12478.8	-21004.4	-1.42	0.0148	0.4762
Rv0386	-	34	27	19242.6	26261.8	7019.2	0.45	0.4142	1
Rv0387c	-	8	8	20093.5	12305.4	-7788.1	-0.71	0.652	1
Rv0388c	PPE9	8	7	9947.8	4197.6	-5750.2	-1.24	0.2084	1
Rv0389	purT	6	5	4135.8	3609.4	-526.4	-0.2	0.9481	1
Rv0390	-	6	5	3124.1	4371	1246.9	0.48	0.6624	1
Rv0391	metZ	20	13	5933.4	7282.9	1349.5	0.3	0.725	1
Rv0392c	ndhA	13	8	1016.5	338.8	-677.7	-1.59	0.0975	0.9326
Rv0393	-	10	8	24857.3	30368.6	5511.3	0.29	0.8011	1
Rv0394c	-	6	5	3523.8	1618.5	-1905.3	-1.12	0.1869	1
Rv0395	-	6	5	485.2	161.1	-324.1	-1.59	0.1745	1
Rv0396	-	4	2	2023.1	920.1	-1103	-1.14	0.3122	1
Rv0397	-	2	2	17381	4575.9	-12805.1	-1.93	0.3486	1
Rv0398c	-	4	1	770.1	5921.9	5151.8	2.94	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0399c	lpqK	23	13	6817.5	10611.4	3793.9	0.64	0.3382	1
Rv0400c	fadE7	8	5	11391.2	2574	-8817.2	-2.15	0.3303	1
Rv0401	-	3	2	896.8	795.4	-101.4	-0.17	1	1
Rv0402c	mmpL1	41	32	21385.7	21003	-382.8	-0.03	0.9627	1
Rv0403c	mmpS1	6	5	7460.8	7983	522.2	0.1	0.9378	1
Rv0404	fadD30	64	30	12978.6	12635.7	-342.8	-0.04	0.9533	1
Rv0405	pks6	77	40	75908.8	73480.2	-2428.6	-0.05	0.9591	1
Rv0406c	-	11	7	663.3	260.3	-403.1	-1.35	0.0937	0.9141
Rv0407	fgd1	15	13	1429.6	1247.4	-182.2	-0.2	0.7839	1
Rv0408	pta	34	23	4640.6	5642	1001.5	0.28	0.6934	1
Rv0409	ackA	13	7	847.5	1263.2	415.7	0.58	0.5843	1
Rv0410c	pknG	25	3	5	200.1	195.1	5.32	0.4525	1
Rv0411c	glnH	8	0	0	0	0	0	1	1
Rv0412c	-	19	0	0	0	0	0	1	1
Rv0413	mutT3	4	3	5495.9	320.8	-5175.1	-4.1	0.0215	0.5646
Rv0414c	thiE	8	0	0	0	0	0	1	1
Rv0415	thiO	9	0	0	0	0	0	1	1
Rv0416	thiS	3	0	0	0	0	0	1	1
Rv0417	thiG	13	0	0	0	0	0	1	1
Rv0418	lpqL	20	14	4511.8	10183.2	5671.4	1.17	0.13	1
Rv0419	lpqM	15	12	14872.8	18898.6	4025.7	0.35	0.6625	1
Rv0420c	-	7	6	10560.5	23140.3	12579.7	1.13	0.3936	1
Rv0421c	-	5	2	56	0	-56	-4.81	0.4193	1
Rv0422c	thiD	9	0	0	0	0	0	1	1
Rv0423c	thiC	14	0	0	0	0	0	1	1
Rv0424c	-	6	5	13615.3	7532.9	-6082.4	-0.85	0.1533	1
Rv0425c	ctpH	27	19	69241.2	49328.1	-19913.1	-0.49	0.4315	1
Rv0426c	-	2	2	2622.5	7991.7	5369.2	1.61	0.9702	1
Rv0427c	xthA	13	12	9980.9	5061.2	-4919.7	-0.98	0.2852	1
Rv0428c	-	11	9	2082.1	1329.3	-752.8	-0.65	0.4036	1
Rv0429c	def	7	1	0	21.1	21.1	3.4	1	1
Rv0430	-	3	0	0	0	0	0	1	1
Rv0431	-	7	1	139	0	-139	-6.12	1	1
Rv0432	sodC	11	9	6633.5	8817.2	2183.7	0.41	0.7338	1
Rv0433	-	18	15	7906.7	11625.6	3718.9	0.56	0.3722	1
Rv0434	-	12	9	11468.4	11558.9	90.6	0.01	0.985	1
Rv0435c	-	18	14	11892.1	20752.6	8860.5	0.8	0.1954	1
Rv0436c	pssA	15	6	233.1	154.4	-78.7	-0.59	0.7536	1
Rv0437c	psd	7	3	356.6	100.6	-256	-1.83	0.5764	1
Rv0438c	moeA2	11	8	7563.6	1376.6	-6187	-2.46	0.0875	0.8839
Rv0439c	-	16	11	7117.8	5644.3	-1473.4	-0.33	0.5086	1
Rv0440	groEL	10	0	0	0	0	0	1	1
Rv0441c	-	5	5	1381.9	13072.7	11690.8	3.24	0.3051	1
Rv0442c	PPE10	16	12	3063.8	1366.9	-1696.9	-1.16	0.1567	1
Rv0443	-	11	10	16390.9	14020.1	-2370.8	-0.23	0.8232	1
Rv0444c	-	4	4	1572.1	174.8	-1397.3	-3.17	0.001	0.0739
Rv0445c	sigK	8	7	4455.1	9068	4612.9	1.03	0.4611	1
Rv0446c	-	13	13	8788.5	6790.9	-1997.5	-0.37	0.5802	1
Rv0447c	ufaA1	23	20	122743.1	60153.4	-62589.7	-1.03	0.4251	1
Rv0448c	-	12	11	8335.8	10766.2	2430.5	0.37	0.5018	1
Rv0449c	-	19	19	23955.2	21683.5	-2271.7	-0.14	0.8716	1
Rv0450c	mmpL4	62	31	2516	1194.8	-1321.2	-1.07	0.2304	1
Rv0451c	mmpS4	14	5	123.8	148.7	24.8	0.26	0.8211	1
Rv0452	-	6	5	9060.8	10800.8	1740	0.25	0.7394	1
Rv0453	PPE11	20	16	26605.8	22620.1	-3985.7	-0.23	0.6768	1
Rv0454	-	4	4	6651.1	4674.5	-1976.6	-0.51	0.3465	1
Rv0455c	-	10	1	0	47.4	47.4	4.57	1	1
Rv0456A	-	4	4	4382.2	11073.1	6690.8	1.34	0.4047	1
Rv0456c	echA2	8	8	5951.8	6429.5	477.7	0.11	0.9584	1
Rv0457c	-	29	19	9973.4	15776.1	5802.7	0.66	0.4186	1
Rv0458	-	12	11	17240.3	9888.9	-7351.3	-0.8	0.4194	1
Rv0459	-	3	3	155	496.8	341.9	1.68	0.9879	1
Rv0460	-	2	2	136.7	181.7	45.1	0.41	0.9103	1
Rv0461	-	11	10	14545.4	16826.7	2281.2	0.21	0.7815	1
Rv0462	lpd	24	1	0	5.3	5.3	1.4	1	1
Rv0463	-	3	2	1399.8	3955	2555.2	1.5	0.4228	1
Rv0464c	-	13	8	11265.1	7586.8	-3678.3	-0.57	0.3501	1
Rv0465c	-	22	18	45717	39884.3	-5832.7	-0.2	0.6947	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0466	-	5	4	226111.4	287342.7	61231.3	0.35	0.7029	1
Rv0467	icl	12	0	0	0	0	0	1	1
Rv0468	fadB2	7	4	1588.4	1540.7	-47.7	-0.04	0.9557	1
Rv0469	umaA	15	12	3876.5	6944.3	3067.8	0.84	0.6613	1
Rv0470A	-	9	7	17032.1	14011.7	-3020.5	-0.28	0.7004	1
Rv0470c	pcaA	7	5	205	22.7	-182.3	-3.17	0.1045	0.9433
Rv0471c	-	11	10	19952.6	15889.4	-4063.2	-0.33	0.6001	1
Rv0472c	-	9	9	6784.9	2983.7	-3801.2	-1.19	0.1097	0.9637
Rv0473	-	12	10	5892.1	1694.8	-4197.3	-1.8	0.0209	0.5597
Rv0474	-	4	4	17970.8	11328.8	-6642	-0.67	0.5537	1
Rv0475	hbhA	9	9	4708.8	5217.8	509	0.15	0.8536	1
Rv0476	-	5	5	5323.9	5198.7	-125.2	-0.03	0.967	1
Rv0477	-	5	5	8070.1	5096.2	-2973.9	-0.66	0.673	1
Rv0478	deoC	2	2	768.9	820.5	51.5	0.09	0.8951	1
Rv0479c	-	11	0	0	0	0	0	1	1
Rv0480c	-	13	11	17166.9	20440.5	3273.5	0.25	0.7178	1
Rv0481c	-	8	6	8638.1	12009.8	3371.7	0.48	0.7112	1
Rv0482	murB	9	0	0	0	0	0	1	1
Rv0483	lprQ	19	18	44801.8	26904.6	-17897.2	-0.74	0.3463	1
Rv0484c	-	7	6	9020.4	3674.9	-5345.5	-1.3	0.0585	0.8118
Rv0485	-	16	14	29459.3	15810.8	-13648.5	-0.9	0.1266	0.9971
Rv0486	-	9	1	0	36.9	36.9	4.2	1	1
Rv0487	-	7	6	3607.7	2202.7	-1405	-0.71	0.4898	1
Rv0488	-	9	9	5204.5	5736.7	532.2	0.14	0.9137	1
Rv0489	gpm1	8	1	0	10.5	10.5	2.4	1	1
Rv0490	senX3	14	10	6406.3	7555	1148.7	0.24	0.8303	1
Rv0491	regX3	6	4	7101.4	2803.4	-4298.1	-1.34	0.162	1
Rv0492A	-	4	4	2238.9	1699.9	-538.9	-0.4	0.7148	1
Rv0492c	-	10	7	10516.5	12863.1	2346.6	0.29	0.8071	1
Rv0493c	-	12	10	4278.7	6380.5	2101.7	0.58	0.5679	1
Rv0494	-	5	4	16492.7	10774.7	-5718.1	-0.61	0.6116	1
Rv0495c	-	8	3	3.7	42.1	38.5	3.53	0.4553	1
Rv0496	-	7	6	7073.8	966	-6107.8	-2.87	0.0865	0.8839
Rv0497	-	7	1	7.3	5.3	-2	-0.47	1	1
Rv0498	-	10	8	10581.1	9317.6	-1263.5	-0.18	0.7895	1
Rv0499	-	3	2	1717.2	399.1	-1318.1	-2.11	0.0291	0.5985
Rv0500	proC	8	0	0	0	0	0	1	1
Rv0500A	-	2	2	722.7	459.7	-262.9	-0.65	0.6751	1
Rv0500B	-	1	1	90.9	31.6	-59.3	-1.52	0.3375	1
Rv0501	galE2	15	13	33243.5	18642	-14601.4	-0.83	0.1643	1
Rv0502	-	14	10	28377.2	26569	-1808.2	-0.09	0.8995	1
Rv0503c	cmaA2	14	14	11699	13040.8	1341.8	0.16	0.7972	1
Rv0504c	-	7	1	0	15.8	15.8	2.98	1	1
Rv0505c	serB1	13	1	1	0	-1	1	1	1
Rv0506	mmpS2	6	6	8157.2	8186	28.8	0.01	0.9984	1
Rv0507	mmpL2	67	48	48023.1	53162.1	5139	0.15	0.7022	1
Rv0508	-	2	1	974.6	110.1	-864.5	-3.15	0.3309	1
Rv0509	hemA	15	3	0	47.4	47.4	4.57	0.1759	1
Rv0510	hemC	10	1	0	68.5	68.5	5.1	1	1
Rv0511	hemD	12	3	0	84.3	84.3	5.4	0.1769	1
Rv0512	hemB	13	2	2	10.5	8.5	2.4	1	1
Rv0513	-	6	5	16165.6	13279	-2886.5	-0.28	0.781	1
Rv0514	-	1	1	3732.2	3782.2	49.9	0.02	1	1
Rv0515	-	14	13	11969.5	10883.2	-1086.3	-0.14	0.7964	1
Rv0516c	-	6	6	4884.9	2607.1	-2277.8	-0.91	0.1673	1
Rv0517	-	15	15	22052.5	25067.7	3015.1	0.18	0.6915	1
Rv0518	-	9	9	3086.7	4191.2	1104.5	0.44	0.6454	1
Rv0519c	-	8	6	6401.5	12725.9	6324.5	0.99	0.1275	1
Rv0520	-	3	3	2170.8	374.2	-1796.6	-2.54	0.0959	0.9243
Rv0521	-	3	3	1382.7	467.4	-915.4	-1.56	0.2235	1
Rv0522	gabP	15	13	18459.5	36512.3	18052.8	0.98	0.4939	1
Rv0523c	-	6	5	6710	14453	7743	1.11	0.4043	1
Rv0524	hemL	17	0	0	0	0	0	1	1
Rv0525	-	7	1	0	5.3	5.3	1.4	1	1
Rv0526	-	7	1	0	5.3	5.3	1.4	1	1
Rv0527	ccdA	5	1	0	15.8	15.8	2.98	1	1
Rv0528	-	13	1	1.8	0	-1.8	0.13	1	1
Rv0529	ccsA	13	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0530	-	16	15	19274.8	27666.9	8392.2	0.52	0.7629	1
Rv0531	-	2	0	0	0	0	0	1	1
Rv0532	PE_PGRS6	13	8	2208.3	6226	4017.8	1.5	0.1769	1
Rv0533c	fabH	11	8	5622	13897.9	8275.8	1.31	0.3579	1
Rv0534c	menA	10	2	1	54.3	53.3	5.76	0.4309	1
Rv0535	pnp	9	5	5793.4	2111.4	-3682	-1.46	0.1124	0.9707
Rv0536	galE3	10	7	10305.1	8887.2	-1417.9	-0.21	0.8706	1
Rv0537c	-	16	13	79514.5	80966.1	1451.6	0.03	0.9832	1
Rv0538	-	14	11	3154.4	6259.2	3104.8	0.99	0.6651	1
Rv0539	-	5	3	3806.2	5758.3	1952.1	0.6	0.6097	1
Rv0540	-	8	7	1294.8	5715.3	4420.5	2.14	0.4467	1
Rv0541c	-	12	1	0	5.3	5.3	1.4	1	1
Rv0542c	menE	13	3	3.7	15.8	12.1	2.11	0.4605	1
Rv0543c	-	1	0	0	0	0	0	1	1
Rv0544c	-	5	5	6726.9	3755.3	-2971.7	-0.84	0.3131	1
Rv0545c	pitA	12	10	10693.4	8711.7	-1981.8	-0.3	0.668	1
Rv0546c	-	4	4	1063.6	1587.1	523.4	0.58	0.6408	1
Rv0547c	-	10	8	15129.4	12620.2	-2509.3	-0.26	0.753	1
Rv0548c	menB	9	0	0	0	0	0	1	1
Rv0549c	-	2	2	2571.4	5274.6	2703.2	1.04	0.8464	1
Rv0550c	-	1	1	1080.5	541.8	-538.7	-1	0.6724	1
Rv0551c	fadD8	24	19	7568.6	12258.2	4689.6	0.7	0.4973	1
Rv0552	-	15	10	19251.9	32039.8	12787.9	0.73	0.4628	1
Rv0553	menC	7	1	3.7	10.5	6.9	1.53	1	1
Rv0554	bpoC	10	7	1236	1383.4	147.4	0.16	0.7975	1
Rv0555	menD	12	2	0	47.4	47.4	4.57	0.4349	1
Rv0556	-	11	0	0	0	0	0	1	1
Rv0557	pimB	11	5	43545.6	23633.7	-19911.9	-0.88	0.5745	1
Rv0558	ubiE	12	0	0	0	0	0	1	1
Rv0559c	-	5	5	4749.9	2260.8	-2489.1	-1.07	0.074	0.876
Rv0560c	-	9	7	2206.3	2663.7	457.5	0.27	0.9864	1
Rv0561c	-	16	4	59.9	31.6	-28.3	-0.92	0.5897	1
Rv0562	grcC1	11	2	0	57.9	57.9	4.86	0.439	1
Rv0563	htpX	11	9	1833.2	643.1	-1190.1	-1.51	0.2076	1
Rv0564c	gpsA	9	8	9383.7	13566.8	4183.1	0.53	0.6667	1
Rv0565c	-	28	24	9990.2	16524.2	6534	0.73	0.3328	1
Rv0566c	-	4	4	2186.9	4887.3	2700.4	1.16	0.2792	1
Rv0567	-	14	11	15407.6	10365	-5042.6	-0.57	0.4102	1
Rv0568	cyp135B1	11	9	9360.9	3807.8	-5553.1	-1.3	0.2339	1
Rv0569	-	3	3	3630.2	2542.3	-1087.9	-0.51	0.7616	1
Rv0570	nrdZ	29	18	14245	20218.3	5973.3	0.51	0.6587	1
Rv0571c	-	11	7	2371.8	6186.1	3814.2	1.38	0.6151	1
Rv0572c	-	5	5	6338.6	10828.7	4490	0.77	0.7911	1
Rv0573c	-	11	10	8548.4	6388.9	-2159.5	-0.42	0.6279	1
Rv0574c	-	16	12	7224.4	3460.9	-3763.5	-1.06	0.1011	0.9359
Rv0575c	-	8	6	25288.5	23066	-2222.5	-0.13	0.7558	1
Rv0576	-	14	10	6191.5	6169.1	-22.4	-0.01	0.994	1
Rv0577	TB27.3	12	11	6431.3	4493.3	-1938	-0.52	0.433	1
Rv0578c	PE_PGRS7	14	6	796.1	702.5	-93.7	-0.18	0.8629	1
Rv0579	-	8	6	23735.2	13056.2	-10679	-0.86	0.5347	1
Rv0580c	-	7	5	2890.3	1823.2	-1067	-0.66	0.4711	1
Rv0581	-	4	3	3393.3	4331.9	938.6	0.35	0.7338	1
Rv0582	-	9	8	2222.9	2046.6	-176.3	-0.12	0.9326	1
Rv0583c	lpqN	6	6	3896.2	2891	-1005.2	-0.43	0.5578	1
Rv0584	-	50	36	17815.4	23111	5295.6	0.38	0.4521	1
Rv0585c	-	29	15	5946.1	2256.5	-3689.6	-1.4	0.0204	0.5575
Rv0586	-	7	2	92	0	-92	-5.52	0.4281	1
Rv0587	yrbE2A	9	6	482.3	868.7	386.4	0.85	0.6102	1
Rv0588	yrbE2B	10	5	501	215.5	-285.5	-1.22	0.1398	1
Rv0589	mce2A	19	8	409	2167.1	1758.1	2.41	0.915	1
Rv0590	mce2B	7	6	642.8	484.1	-158.7	-0.41	0.7067	1
Rv0590A	-	7	5	388.7	177.2	-211.5	-1.13	0.7623	1
Rv0591	mce2C	17	13	3476.5	11608.9	8132.4	1.74	0.4445	1
Rv0592	mce2D	23	16	3909.3	2245	-1664.3	-0.8	0.2218	1
Rv0593	lprL	15	12	14819.3	17922.8	3103.5	0.27	0.7974	1
Rv0594	mce2F	23	18	26970.5	45786.2	18815.6	0.76	0.1191	0.9758
Rv0595c	-	6	6	4416.3	3246	-1170.3	-0.44	0.7572	1
Rv0596c	-	2	1	13.8	288.3	274.4	4.38	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0597c	-	9	8	41245.4	82792.3	41546.8	1.01	0.5132	1
Rv0598c	-	5	4	1743.1	6739.1	4996	1.95	0.2423	1
Rv0599c	-	5	4	961.4	278	-683.4	-1.79	0.1916	1
Rv0600c	-	1	1	577.4	1337.8	760.5	1.21	1	1
Rv0601c	-	4	3	2329.5	52	-2277.5	-5.49	0.01	0.395
Rv0602c	tcrA	11	8	3604.8	9429.3	5824.5	1.39	0.0384	0.6571
Rv0603	-	1	1	214.3	0	-214.3	-6.74	0.3348	1
Rv0604	lpqO	3	2	128	8.6	-119.4	-3.89	0.4288	1
Rv0605	-	5	5	4831.5	6773.2	1941.7	0.49	0.6824	1
Rv0606	-	7	5	2045.4	3573.1	1527.7	0.8	0.5381	1
Rv0607	-	1	1	1.8	0	-1.8	0.13	1	1
Rv0608	-	1	0	0	0	0	0	1	1
Rv0609	-	7	6	2005.9	2082.1	76.2	0.05	0.9701	1
Rv0609A	-	2	2	1144.8	577.2	-567.5	-0.99	0.3483	1
Rv0610c	-	3	3	1414.7	649.3	-765.4	-1.12	0.328	1
Rv0611c	-	11	8	4842.8	5885.2	1042.4	0.28	0.8446	1
Rv0612	-	5	4	4062.5	1700.8	-2361.7	-1.26	0.202	1
Rv0613c	-	12	12	9612.7	34347.1	24734.4	1.84	0.129	1
Rv0614	-	10	8	6723.3	17234.6	10511.3	1.36	0.1535	1
Rv0615	-	3	2	639.8	2070	1430.2	1.69	0.3201	1
Rv0616c	-	5	3	514.2	80.9	-433.3	-2.67	0.0656	0.8362
Rv0617	-	1	1	4112	4883.8	771.8	0.25	1	1
Rv0618	galTa	5	4	789.6	1813.8	1024.2	1.2	0.9009	1
Rv0619	galTb	10	5	2341.3	2765.3	424	0.24	0.9483	1
Rv0620	galK	4	2	1619.2	959.4	-659.8	-0.76	0.5932	1
Rv0621	-	8	6	2487.3	3969.2	1481.9	0.67	0.7634	1
Rv0622	-	9	8	2165.2	1665.4	-499.8	-0.38	0.6582	1
Rv0623	-	1	0	0	0	0	0	1	1
Rv0624	-	6	6	3878.1	4305.4	427.3	0.15	0.8749	1
Rv0625c	-	7	4	4700.6	2951	-1749.6	-0.67	0.6281	1
Rv0626	-	4	3	1693.6	2104.9	411.3	0.31	0.6168	1
Rv0627	-	1	1	81	0	-81	-5.34	1	1
Rv0628c	-	3	1	6081.4	19508.3	13426.8	1.68	0.6559	1
Rv0629c	recD	11	7	42610.4	12651.4	-29958.9	-1.75	0.3558	1
Rv0630c	recB	26	16	5286	6483.3	1197.3	0.29	0.8178	1
Rv0631c	recC	14	10	4255.3	8308.2	4053	0.97	0.4557	1
Rv0632c	echA3	9	7	4767.8	1020.9	-3746.9	-2.22	0.0164	0.492
Rv0633c	-	12	12	15172.8	25736.3	10563.5	0.76	0.4204	1
Rv0634A	-	6	5	284.4	31.4	-253.1	-3.18	0.0626	0.8304
Rv0634B	rpmG	3	1	0	121.1	121.1	5.92	1	1
Rv0634c	-	11	11	4373.8	6474.9	2101	0.57	0.3536	1
Rv0635	-	12	2	0	21.1	21.1	3.4	0.4257	1
Rv0636	-	4	1	0	5.3	5.3	1.4	1	1
Rv0637	-	5	0	0	0	0	0	1	1
Rv0638	secE	9	3	1	100.1	99.1	6.64	0.4508	1
Rv0639	nusG	11	4	1.8	57.9	56.1	4.99	0.2029	1
Rv0640	rplK	4	4	3.7	26.3	22.7	2.85	0.1529	1
Rv0641	rplA	5	1	0	21.1	21.1	3.4	1	1
Rv0642c	mmaA4	12	11	2090.7	91.2	-1999.4	-4.52	0.0003	0.0307
Rv0643c	mmaA3	17	16	16887.7	16794.3	-93.4	-0.01	0.9888	1
Rv0644c	mmaA2	7	6	15173.1	25076.9	9903.9	0.72	0.4623	1
Rv0645c	mmaA1	12	12	35319.4	41153.6	5834.2	0.22	0.7466	1
Rv0646c	lipG	6	6	11723.3	3828.5	-7894.8	-1.61	0.142	1
Rv0647c	-	10	4	1.8	100.1	98.2	5.77	0.0799	0.8839
Rv0648	-	30	23	75610.1	98184.5	22574.3	0.38	0.7172	1
Rv0649	fabD2	3	2	137.2	231.8	94.6	0.76	0.8862	1
Rv0650	-	3	3	774.6	150.8	-623.8	-2.36	0.0665	0.8362
Rv0651	rplJ	5	2	0	36.9	36.9	4.2	0.428	1
Rv0652	rplL	0	0	0	0	0	0	1	1
Rv0653c	-	9	6	1984.1	1028.4	-955.8	-0.95	0.4282	1
Rv0654	-	22	17	23587.7	22779.5	-808.2	-0.05	0.9117	1
Rv0655	mkl	11	9	6018.4	2977.4	-3041.1	-1.02	0.1234	0.9863
Rv0656c	-	4	4	10813.8	14835.9	4022.1	0.46	0.509	1
Rv0657c	-	1	1	237.1	5.3	-231.8	-5.49	0.3306	1
Rv0658c	-	11	10	4830.6	2748	-2082.6	-0.81	0.1506	1
Rv0659c	-	3	3	3137.7	3977.4	839.7	0.34	0.7735	1
Rv0660c	-	2	2	1201.6	2134.2	932.6	0.83	0.2238	1
Rv0661c	-	3	3	4727.3	3687.3	-1040	-0.36	0.7816	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0662c	-	2	2	1980.9	2788.5	807.6	0.49	0.7093	1
Rv0663	atsD	34	19	9241.7	21986	12744.3	1.25	0.2134	1
Rv0664	-	2	1	218.8	15.8	-203	-3.79	0.6649	1
Rv0665	-	5	4	304.7	733.1	428.4	1.27	0.4904	1
Rv0666	-	0	0	0	0	0	0	1	1
Rv0667	rpoB	24	6	0	163.3	163.3	6.35	0.0116	0.4286
Rv0668	rpoC	30	5	1	52.7	51.7	5.72	0.0891	0.891
Rv0669c	-	25	21	12558.6	21350.5	8791.9	0.77	0.2023	1
Rv0670	end	5	4	4745.4	5837.1	1091.7	0.3	0.7696	1
Rv0671	lpqP	11	7	6443.4	5930.6	-512.8	-0.12	0.8389	1
Rv0672	fadE8	22	19	12263.6	3711	-8552.5	-1.72	0.0043	0.2258
Rv0673	echA4	8	6	2316.4	940.4	-1375.9	-1.3	0.2842	1
Rv0674	-	4	0	0	0	0	0	1	1
Rv0675	echA5	3	0	0	0	0	0	1	1
Rv0676c	mmpL5	27	21	20451.2	14664.6	-5786.6	-0.48	0.1602	1
Rv0677c	mmpS5	5	5	1883.2	900.9	-982.2	-1.06	0.2537	1
Rv0678	-	2	1	410.9	230.6	-180.3	-0.83	0.6727	1
Rv0679c	-	5	5	3147.3	2469.5	-677.8	-0.35	0.9193	1
Rv0680c	-	3	3	10834	3601.8	-7232.2	-1.59	0.1367	1
Rv0681	-	10	10	4330.8	4818.6	487.7	0.15	0.8745	1
Rv0682	rpsL	5	1	0	26.3	26.3	3.72	1	1
Rv0683	rpsG	4	1	0	47.4	47.4	4.57	1	1
Rv0684	fusA1	24	5	0	121.1	121.1	5.92	0.0321	0.6032
Rv0685	tuf	9	5	1.8	158	156.2	6.43	0.0335	0.6157
Rv0686	-	8	8	14055.6	22141.5	8085.9	0.66	0.3956	1
Rv0687	fabG	11	9	4785.9	3917.1	-868.8	-0.29	0.7141	1
Rv0688	-	13	8	3194.1	4935	1740.9	0.63	0.5713	1
Rv0689c	-	3	1	1494.7	730.7	-764	-1.03	0.3245	1
Rv0690c	-	15	11	16843.4	24387.8	7544.4	0.53	0.5341	1
Rv0691c	-	9	9	4027.2	6406.6	2379.5	0.67	0.7634	1
Rv0692	-	5	3	4430.5	2226.9	-2203.6	-0.99	0.349	1
Rv0693	pqqE	14	10	4946.7	6274.9	1328.2	0.34	0.6437	1
Rv0694	lldD1	12	8	1602.9	3556	1953.1	1.15	0.2961	1
Rv0695	-	10	8	1052.1	1297.5	245.3	0.3	0.9593	1
Rv0696	-	17	8	28967.2	38579.7	9612.5	0.41	0.7226	1
Rv0697	-	19	5	316	945.7	629.7	1.58	0.9852	1
Rv0698	-	8	5	56.9	31.4	-25.5	-0.86	0.6083	1
Rv0699	-	2	2	1340.3	6152.2	4811.9	2.2	0.3488	1
Rv0700	rpsJ	6	0	0	0	0	0	1	1
Rv0701	rplC	13	3	0	89.5	89.5	5.48	0.1844	1
Rv0702	rplD	8	3	0	26.3	26.3	3.72	0.1255	0.9955
Rv0703	rplW	4	0	0	0	0	0	1	1
Rv0704	rplB	13	0	0	0	0	0	1	1
Rv0705	rpsS	1	0	0	0	0	0	1	1
Rv0706	rplV	3	1	0	5.3	5.3	1.4	1	1
Rv0707	rpsC	13	5	4.8	110.6	105.8	4.52	0.0245	0.5961
Rv0708	rplP	6	2	0	131.7	131.7	6.04	0.4381	1
Rv0709	rpmC	3	1	0	5.3	5.3	1.4	1	1
Rv0710	rpsQ	9	2	0	115.9	115.9	5.86	0.4229	1
Rv0711	atsA	36	33	27593	27309.2	-283.8	-0.01	0.9707	1
Rv0712	-	15	8	3653.1	6041.5	2388.4	0.73	0.6987	1
Rv0713	-	13	11	15777.7	15766	-11.7	0	0.9993	1
Rv0714	rplN	3	1	0	10.5	10.5	2.4	1	1
Rv0715	rplX	4	0	0	0	0	0	1	1
Rv0716	rplE	4	0	0	0	0	0	1	1
Rv0717	rpsN	2	0	0	0	0	0	1	1
Rv0718	rpsH	8	3	1.8	10.5	8.7	2.53	0.4569	1
Rv0719	rplF	9	5	1.8	179.1	177.3	6.61	0.0825	0.8839
Rv0720	rplR	1	1	0	63.2	63.2	4.98	1	1
Rv0721	rpsE	8	0	0	0	0	0	1	1
Rv0722	rpmD	1	0	0	0	0	0	1	1
Rv0723	rplO	2	0	0	0	0	0	1	1
Rv0724	sppA	22	17	16282	7957.1	-8324.9	-1.03	0.034	0.6157
Rv0724A	-	4	3	792.8	372	-420.8	-1.09	0.4169	1
Rv0725c	-	13	8	7998.4	5306.4	-2692	-0.59	0.6039	1
Rv0726c	-	14	8	51463.2	17497.2	-33966	-1.56	0.354	1
Rv0727c	fucA	9	9	3207.3	2723	-484.4	-0.24	0.7741	1
Rv0728c	serA2	3	2	259	26.3	-232.7	-3.3	0.0214	0.5646

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0729	xylB	15	12	11623	14900	3277.1	0.36	0.6972	1
Rv0730	-	0	0	0	0	0	0	1	1
Rv0731c	-	7	6	41275.4	51952.4	10677	0.33	0.7219	1
Rv0732	secY	21	8	0	152.7	152.7	6.25	0.0024	0.1408
Rv0733	adk	3	0	0	0	0	0	1	1
Rv0734	mapA	7	5	2363.3	754.4	-1608.9	-1.65	0.1462	1
Rv0735	sigL	5	5	13521.8	15178.4	1656.6	0.17	0.9396	1
Rv0736	-	6	2	0	131.7	131.7	6.04	0.4264	1
Rv0737	-	4	2	723.9	183.6	-540.2	-1.98	0.2334	1
Rv0738	-	1	1	9.1	47.4	38.3	2.37	1	1
Rv0739	-	11	10	16120.1	9477.5	-6642.5	-0.77	0.158	1
Rv0740	-	8	6	1211.1	847.5	-363.5	-0.51	0.6222	1
Rv0741	-	2	1	1045.5	252.1	-793.4	-2.05	0.3385	1
Rv0742	PE_PGRS8	5	3	867.9	783.9	-84	-0.15	0.9525	1
Rv0743c	-	7	7	10846.9	8874.3	-1972.6	-0.29	0.7538	1
Rv0744c	-	7	4	1953.3	1404.4	-548.9	-0.48	0.4638	1
Rv0745	-	5	4	1241.3	1392	150.7	0.17	0.9738	1
Rv0746	PE_PGRS9	12	6	351.7	864.1	512.4	1.3	0.807	1
Rv0747	PE_PGRS10	12	9	1963	7794.6	5831.7	1.99	0.1374	1
Rv0748	-	2	2	942.6	119.2	-823.3	-2.98	0.0598	0.8171
Rv0749	-	4	4	1320.6	1650.1	329.5	0.32	0.7439	1
Rv0749A	-	1	1	433	57.9	-375.1	-2.9	0.331	1
Rv0750	-	3	2	1082.5	2467.2	1384.7	1.19	0.303	1
Rv0751c	mmsB	5	4	910.2	838.9	-71.3	-0.12	0.9141	1
Rv0752c	fadE9	13	9	2118.1	3143.7	1025.6	0.57	0.9288	1
Rv0753c	mmsA	16	12	30812.3	14459.4	-16352.9	-1.09	0.2833	1
Rv0754	PE_PGRS11	22	13	11034.2	26970.3	15936	1.29	0.2666	1
Rv0755A	-	4	3	4703.6	5602.1	898.5	0.25	0.8119	1
Rv0755c	PPE12	50	21	8679.4	7546.3	-1133.1	-0.2	0.8377	1
Rv0756c	-	6	6	7749.9	16770.5	9020.6	1.11	0.3624	1
Rv0757	phoP	7	4	55.1	126.2	71.1	1.2	0.6191	1
Rv0758	phoR	15	12	1273.4	311.7	-961.7	-2.03	0.09	0.8921
Rv0759c	-	2	0	0	0	0	0	1	1
Rv0760c	-	5	5	4005.3	2821.8	-1183.5	-0.51	0.679	1
Rv0761c	adhB	12	10	12051.7	7632.4	-4419.3	-0.66	0.4139	1
Rv0762c	-	9	8	2779.4	6016.3	3236.9	1.11	0.6436	1
Rv0763c	-	1	1	21.5	0	-21.5	-3.42	0.3342	1
Rv0764c	cyp51	14	10	20018.8	12986.5	-7032.3	-0.62	0.679	1
Rv0765c	-	9	5	3503.8	5584.9	2081.2	0.67	0.4862	1
Rv0766c	cyp123	15	8	3399	4715.7	1316.7	0.47	0.5793	1
Rv0767c	-	10	9	4993.2	5993.9	1000.7	0.26	0.8756	1
Rv0768	aldA	16	7	2494.5	5002.1	2507.6	1	0.5127	1
Rv0769	-	15	10	4173	14145.5	9972.5	1.76	0.3904	1
Rv0770	-	6	6	2167.9	2486.2	318.4	0.2	0.9732	1
Rv0771	-	8	7	2443.5	1666.2	-777.4	-0.55	0.6319	1
Rv0772	purD	19	3	1.8	47.4	45.6	4.7	0.1031	0.9433
Rv0773c	ggtA	18	7	640.3	1906.8	1266.5	1.57	0.9989	1
Rv0774c	-	7	6	489.7	15.8	-473.9	-4.95	0.0121	0.4382
Rv0775	-	9	9	10170	9054.5	-1115.4	-0.17	0.8458	1
Rv0776c	-	13	11	11012.1	7053.7	-3958.4	-0.64	0.523	1
Rv0777	purB	14	1	1.8	47.4	45.6	4.7	1	1
Rv0778	cyp126	15	13	4820.6	5238.4	417.8	0.12	0.8988	1
Rv0779c	-	4	3	293.4	1502.4	1209.1	2.36	0.9523	1
Rv0780	hemH	17	1	3.7	0	-3.7	-0.87	1	1
Rv0781	ptrBa	20	4	201	142.5	-58.6	-0.5	0.7035	1
Rv0782	ptrBb	29	12	1727.7	7091.9	5364.2	2.04	0.1962	1
Rv0783c	emrB	20	11	9703.1	20279.7	10576.7	1.06	0.3786	1
Rv0784	-	7	2	790.7	2687.2	1896.4	1.76	1	1
Rv0785	-	25	16	8261.7	7248.3	-1013.4	-0.19	0.7276	1
Rv0786c	-	10	7	2952	2076.2	-875.7	-0.51	0.6204	1
Rv0787	-	10	9	1088.3	607.9	-480.4	-0.84	0.6329	1
Rv0787A	-	2	0	0	0	0	0	1	1
Rv0788	purQ	11	1	3	0	-3	-0.58	1	1
Rv0789c	-	7	5	3229.4	5838.2	2608.7	0.85	0.4831	1
Rv0790c	-	16	14	11573.9	16601.8	5027.9	0.52	0.3899	1
Rv0791c	-	7	7	1559.3	2224.8	665.5	0.51	0.945	1
Rv0792c	-	14	11	12395.2	13490.7	1095.6	0.12	0.8583	1
Rv0793	-	8	8	5055.8	5876.1	820.3	0.22	0.9062	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0794c	-	14	9	5808	6863.3	1055.3	0.24	0.7954	1
Rv0795	-	3	3	2857.6	2200.8	-656.8	-0.38	0.5761	1
Rv0796	-	17	16	9283.9	11704.7	2420.8	0.33	0.5276	1
Rv0797	-	5	5	2440.3	3576	1135.7	0.55	0.5422	1
Rv0798c	cfp29	14	7	745.8	549.2	-196.6	-0.44	0.6515	1
Rv0799c	-	9	8	1039.8	2213.5	1173.7	1.09	0.4193	1
Rv0800	pepC	11	8	5532.2	5465.1	-67.1	-0.02	0.9783	1
Rv0801	-	0	0	0	0	0	0	1	1
Rv0802c	-	15	9	4182.1	7262.9	3080.8	0.8	0.3298	1
Rv0803	purL	28	8	0	168.5	168.5	6.4	0.0006	0.0489
Rv0804	-	6	4	28889.5	33908.5	5019	0.23	0.882	1
Rv0805	-	14	10	9499.6	8462.6	-1037.1	-0.17	0.8502	1
Rv0806c	cpsY	34	27	32214	28748.1	-3465.9	-0.16	0.7823	1
Rv0807	-	2	1	135.2	5.3	-129.9	-4.68	0.325	1
Rv0808	purF	18	3	3.7	5.3	1.6	0.53	1	1
Rv0809	purM	10	2	0	115.9	115.9	5.86	0.4303	1
Rv0810c	-	3	1	0	5.3	5.3	1.4	1	1
Rv0811c	-	15	5	0	94.8	94.8	5.57	0.0341	0.6157
Rv0812	-	9	4	1.8	47.4	45.6	4.7	0.2019	1
Rv0813c	-	12	12	15197.7	15872	674.3	0.06	0.914	1
Rv0814c	sseC2	2	2	3379.1	6231.2	2852.1	0.88	0.2259	1
Rv0815c	cysA2	12	12	9351.7	4919.2	-4432.5	-0.93	0.0016	0.1064
Rv0816c	thiX	2	1	1	78.8	77.8	6.3	0.3376	1
Rv0817c	-	12	2	1.8	26.3	24.5	3.85	1	1
Rv0818	-	6	5	105653.9	67477.9	-38176	-0.65	0.1245	0.9896
Rv0819	-	7	2	1.8	73.7	71.9	5.33	0.4246	1
Rv0820	phoT	9	8	51215.2	6676.1	-44539.1	-2.94	0	0
Rv0821c	phoY2	3	3	97.5	331.8	234.3	1.77	0.8788	1
Rv0822c	-	23	22	67885.1	25812	-42073.2	-1.4	0	0
Rv0823c	-	16	12	22043.4	13350.5	-8693	-0.72	0.1532	1
Rv0824c	desA1	14	4	3.8	105.3	101.5	4.78	0.1983	1
Rv0825c	-	9	9	12304.9	13442.9	1138	0.13	0.9343	1
Rv0826	-	16	14	31831.2	48690.8	16859.6	0.61	0.4614	1
Rv0827c	-	3	3	1204.3	653.6	-550.6	-0.88	0.5661	1
Rv0828c	-	10	10	10878.6	12435.4	1556.8	0.19	0.7695	1
Rv0829	-	3	3	474.4	1140.4	666	1.27	0.9807	1
Rv0830	-	12	12	22521.4	14578.3	-7943	-0.63	0.5994	1
Rv0831c	-	16	14	30726.2	56234.8	25508.6	0.87	0.0942	0.9167
Rv0832	PE_PGRS12	3	1	553	331.8	-221.2	-0.74	0.6668	1
Rv0833	PE_PGRS13	8	4	19.8	2371.8	2352	6.9	0.8723	1
Rv0834c	PE_PGRS14	19	14	1861	1769.1	-91.8	-0.07	0.9445	1
Rv0835	lpqQ	10	6	2600.6	522.4	-2078.1	-2.32	0.0265	0.5985
Rv0836c	-	7	7	4184.9	2574.3	-1610.6	-0.7	0.388	1
Rv0837c	-	17	15	8134.1	8291.8	157.7	0.03	0.9623	1
Rv0838	lpqR	6	3	958.3	453.7	-504.5	-1.08	0.6393	1
Rv0839	-	10	7	12992.5	6304.2	-6688.3	-1.04	0.4051	1
Rv0840c	pip	6	5	2899.9	2934.8	34.9	0.02	0.9796	1
Rv0841	-	3	2	139.3	89.5	-49.8	-0.64	0.8341	1
Rv0842	-	17	13	6107.1	2563.9	-3543.2	-1.25	0.0882	0.8887
Rv0843	-	17	15	19548.3	12887.9	-6660.4	-0.6	0.4703	1
Rv0844c	narL	8	8	11670.3	11058	-612.3	-0.08	0.9009	1
Rv0845	-	21	16	9261.2	19247.1	9985.9	1.06	0.1501	1
Rv0846c	-	25	17	5557.6	14038.7	8481.1	1.34	0.0763	0.876
Rv0847	lpqS	6	5	3047	3776.2	729.2	0.31	0.7284	1
Rv0848	cysK2	21	14	1889.5	5711	3821.6	1.6	0.2113	1
Rv0849	-	17	15	5372.4	11629.3	6256.9	1.11	0.2575	1
Rv0850	-	8	5	1121.3	2505.7	1384.4	1.16	0.6838	1
Rv0851c	-	7	6	826.4	161.4	-665.1	-2.36	0.0444	0.694
Rv0852	fadD16	12	9	1811	4018.6	2207.6	1.15	0.2424	1
Rv0853c	pdc	18	10	7565.7	8435.7	870	0.16	0.8627	1
Rv0854	-	6	6	5251.1	2960.1	-2291	-0.83	0.3453	1
Rv0855	far	11	8	6269.5	3501.6	-2768	-0.84	0.2466	1
Rv0856	-	5	5	2174.3	2379.8	205.5	0.13	0.8616	1
Rv0857	-	6	5	9066.4	18914.1	9847.7	1.06	0.4039	1
Rv0858c	-	16	15	11002.9	16430	5427.1	0.58	0.6041	1
Rv0859	fadA	7	6	1866.3	340.2	-1526.1	-2.46	0.0444	0.694
Rv0860	fadB	18	11	402.2	1304.6	902.4	1.7	0.2373	1
Rv0861c	ercc3	18	9	8366	6195.2	-2170.8	-0.43	0.5918	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0862c	-	24	9	1207.2	296.6	-910.6	-2.02	0.1081	0.9606
Rv0863	-	4	4	2473.5	3343	869.5	0.43	0.6432	1
Rv0864	moaC	9	5	9969.6	12768.5	2798.9	0.36	0.8569	1
Rv0865	mog	7	5	7784.9	10114.9	2330	0.38	0.6771	1
Rv0866	moaE2	2	2	3014.8	2956.1	-58.7	-0.03	0.9697	1
Rv0867c	rpfA	6	5	1019.3	634	-385.2	-0.68	0.6954	1
Rv0868c	moaD2	5	4	9651.9	6926.7	-2725.2	-0.48	0.5737	1
Rv0869c	moaA	11	9	11785.7	20379.5	8593.9	0.79	0.4918	1
Rv0870c	-	2	2	2600.7	2577.1	-23.6	-0.01	0.9661	1
Rv0871	cspB	2	2	2818.4	2071.5	-746.9	-0.44	0.4716	1
Rv0872c	PE_PGRS15	21	12	10330.7	7536.2	-2794.5	-0.46	0.6628	1
Rv0873	fadE10	28	23	14410.1	11481.4	-2928.7	-0.33	0.5004	1
Rv0874c	-	9	6	8150.3	8686.8	536.5	0.09	0.8989	1
Rv0875c	-	9	4	70.3	10.5	-59.8	-2.74	0.0907	0.8955
Rv0876c	-	18	11	3661.2	1762.2	-1899.1	-1.05	0.438	1
Rv0877	-	10	9	86662.6	76958.2	-9704.5	-0.17	0.888	1
Rv0878c	PPE13	13	13	12046	17407.9	5361.9	0.53	0.3855	1
Rv0879c	-	1	0	0	0	0	0	1	1
Rv0880	-	1	1	15.6	5.3	-10.4	-1.57	0.6733	1
Rv0881	-	10	7	6392.2	9605.7	3213.5	0.59	0.5876	1
Rv0882	-	1	1	178.4	0	-178.4	-6.48	0.3363	1
Rv0883c	-	5	0	0	0	0	0	1	1
Rv0884c	serC	11	2	0	21.1	21.1	3.4	0.4333	1
Rv0885	-	10	7	2844.7	565.5	-2279.2	-2.33	0.0016	0.1064
Rv0886	fprB	20	13	5278.3	735.7	-4542.6	-2.84	0.0266	0.5985
Rv0887c	-	3	2	3280.1	925.4	-2354.7	-1.83	0.3674	1
Rv0888	-	23	19	9868.8	10895.3	1026.5	0.14	0.7782	1
Rv0889c	citA	8	6	4892.1	2339.1	-2553	-1.06	0.2282	1
Rv0890c	-	36	27	40476.9	49246.4	8769.5	0.28	0.5287	1
Rv0891c	-	18	15	6685.7	6920.5	234.8	0.05	0.949	1
Rv0892	-	29	13	5039.3	3245.9	-1793.5	-0.63	0.5325	1
Rv0893c	-	17	8	175.7	85.7	-90	-1.04	0.4268	1
Rv0894	-	9	5	654.3	67.5	-586.8	-3.28	0.0097	0.3909
Rv0895	-	23	19	13777.9	19122.5	5344.5	0.47	0.3889	1
Rv0896	gltA	19	1	1.8	0	-1.8	0.13	1	1
Rv0897c	-	14	6	423.1	417.8	-5.3	-0.02	0.9962	1
Rv0898c	-	0	0	0	0	0	0	1	1
Rv0899	ompA	14	6	488.9	602.2	113.3	0.3	0.9409	1
Rv0900	-	2	2	667	2694.6	2027.5	2.01	0.7423	1
Rv0901	-	7	5	1072.5	6492.5	5420	2.6	0.4151	1
Rv0902c	prrB	11	4	1.8	73.7	71.9	5.33	0.0723	0.8715
Rv0903c	prrA	7	1	0	5.3	5.3	1.4	1	1
Rv0904c	accD3	16	6	496.1	280.8	-215.3	-0.82	0.5141	1
Rv0905	echA6	6	3	2393.1	1549.1	-844	-0.63	0.7388	1
Rv0906	-	12	9	2974.3	8820.4	5846.1	1.57	0.2066	1
Rv0907	-	29	20	3450.5	719.5	-2731.1	-2.26	0.0351	0.6224
Rv0908	ctpE	19	14	4583	6808.5	2225.5	0.57	0.9976	1
Rv0909	-	2	2	1178.4	6025.9	4847.5	2.35	0.4132	1
Rv0910	-	7	6	1745	997.7	-747.4	-0.81	0.1906	1
Rv0911	-	11	9	2914.5	884.7	-2029.8	-1.72	0.3602	1
Rv0912	-	4	2	3665.9	618	-3047.9	-2.57	0.3414	1
Rv0913c	-	33	13	2544.1	3627.6	1083.5	0.51	0.7721	1
Rv0914c	-	13	12	3939.3	9590.3	5651	1.28	0.4919	1
Rv0915c	PPE14	12	7	9745.2	13456.7	3711.5	0.47	0.6079	1
Rv0916c	PE7	5	3	666	112.3	-553.7	-2.57	0.5374	1
Rv0917	betP	32	29	31193.7	23560.7	-7632.9	-0.4	0.5713	1
Rv0918	-	8	6	7980.4	3503.4	-4476.9	-1.19	0.1265	0.9971
Rv0919	-	6	4	1502.1	2308.4	806.3	0.62	0.8752	1
Rv0920c	-	19	13	5057.3	5113.3	56	0.02	0.9828	1
Rv0921	-	5	5	1418.8	12152.4	10733.6	3.1	0.4341	1
Rv0922	-	12	12	8203	8244.9	42	0.01	0.9926	1
Rv0923c	-	15	12	7018.1	6516.3	-501.8	-0.11	0.9371	1
Rv0924c	mntH	12	10	7094	10572.1	3478	0.58	0.9767	1
Rv0925c	-	14	11	10704.5	23473.3	12768.9	1.13	0.3042	1
Rv0926c	-	18	16	7187.7	8831.8	1644.1	0.3	0.5943	1
Rv0927c	-	5	3	2113.3	842.3	-1271	-1.33	0.3022	1
Rv0928	pstS3	14	13	17765	3168.9	-14596.1	-2.49	0.0001	0.0114
Rv0929	pstC2	11	9	18546.5	3080.1	-15466.4	-2.59	0.0005	0.0416

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0930	pstA1	14	14	80153.5	16248.4	-63905.1	-2.3	0.0083	0.3486
Rv0931c	pknD	35	33	61697.3	59319.3	-2378	-0.06	0.8799	1
Rv0932c	pstS2	21	20	28497.9	22456.4	-6041.5	-0.34	0.5971	1
Rv0933	pstB	11	9	4897.8	2206.1	-2691.7	-1.15	0.0588	0.8118
Rv0934	pstS1	16	13	8739.1	16679.2	7940.1	0.93	0.2083	1
Rv0935	pstC1	10	8	3000.1	3250.2	250.1	0.12	0.9061	1
Rv0936	pstA2	14	10	2172.5	1505	-667.5	-0.53	0.4833	1
Rv0937c	-	9	4	772.3	233.4	-538.9	-1.73	0.1597	1
Rv0938	-	33	9	1270.8	1339.8	69	0.08	0.9434	1
Rv0939	-	21	16	3664.7	4026.3	361.6	0.14	0.8535	1
Rv0940c	-	9	5	178.9	358.2	179.2	1	0.612	1
Rv0941c	-	6	5	1281.8	914.6	-367.2	-0.49	0.5813	1
Rv0942	-	5	3	3593.2	2461.1	-1132.1	-0.55	0.6356	1
Rv0943c	-	15	13	8043.5	10818.2	2774.7	0.43	0.5637	1
Rv0944	-	6	5	6463	4162.6	-2300.5	-0.63	0.541	1
Rv0945	-	7	4	812.9	254.5	-558.4	-1.68	0.321	1
Rv0946c	pgi	14	3	0	84.3	84.3	5.4	0.1876	1
Rv0948c	-	5	1	0	142.2	142.2	6.15	1	1
Rv0949	uvrD1	40	3	1	63.2	62.2	5.98	0.4469	1
Rv0950c	-	13	9	19640	1796.8	-17843.2	-3.45	0.082	0.8839
Rv0951	sucC	14	4	1.8	26.3	24.5	3.85	0.0586	0.8118
Rv0952	sucD	8	0	0	0	0	0	1	1
Rv0953c	-	9	8	7395.1	16171.6	8776.4	1.13	0.5055	1
Rv0954	-	23	12	8062.9	6330.9	-1732	-0.35	0.6874	1
Rv0955	-	13	2	17	5.3	-11.7	-1.69	1	1
Rv0956	purN	11	0	0	0	0	0	1	1
Rv0957	purH	18	0	0	0	0	0	1	1
Rv0958	-	9	8	2897.4	2037.5	-859.9	-0.51	0.4913	1
Rv0959	-	11	6	15129.8	8623.1	-6506.7	-0.81	0.4041	1
Rv0960	-	5	4	1745.9	652.9	-1093.1	-1.42	0.3037	1
Rv0961	-	6	5	1410.8	809	-601.8	-0.8	0.5151	1
Rv0962c	lprP	11	9	13022.7	7619	-5403.7	-0.77	0.2849	1
Rv0963c	-	9	8	8242.7	10190.6	1947.9	0.31	0.6606	1
Rv0964c	-	4	3	1186.7	849	-337.6	-0.48	0.7115	1
Rv0965c	-	4	2	70.8	26.3	-44.5	-1.43	0.3719	1
Rv0966c	-	7	7	3545.7	6121	2575.3	0.79	0.7526	1
Rv0967	-	1	1	1662.4	2776.9	1114.5	0.74	0.658	1
Rv0968	-	6	4	2640.3	1423.6	-1216.7	-0.89	0.4341	1
Rv0969	ctpV	13	10	2740.8	3836.7	1095.9	0.49	0.5242	1
Rv0970	-	10	8	3051.2	4260.5	1209.3	0.48	0.7761	1
Rv0971c	echA7	4	3	4641.7	17317.8	12676	1.9	0.32	1
Rv0972c	fadE12	10	7	1909.6	2047	137.4	0.1	0.9518	1
Rv0973c	accA2	17	8	1649.8	24.4	-1625.4	-6.08	0	0
Rv0974c	accD2	17	7	350.9	22.7	-328.2	-3.95	0.0091	0.3743
Rv0975c	fadE13	18	12	10177.8	12262.9	2085.2	0.27	0.7169	1
Rv0976c	-	15	10	5831.4	10314.8	4483.4	0.82	0.6753	1
Rv0977	PE_PGRS16	20	15	12989.8	13651.7	662	0.07	0.8878	1
Rv0978c	PE_PGRS17	6	4	1876.6	3428	1551.4	0.87	0.5792	1
Rv0979A	rpmF	1	0	0	0	0	0	1	1
Rv0979c	-	1	0	0	0	0	0	1	1
Rv0980c	PE_PGRS18	10	7	6736.8	11923.6	5186.8	0.82	0.258	1
Rv0981	mprA	6	6	1887.3	963	-924.4	-0.97	0.2217	1
Rv0982	mprB	18	1	0	5.3	5.3	1.4	1	1
Rv0983	pepD	12	7	561.5	384.5	-177	-0.55	0.4841	1
Rv0984	moaB2	3	2	3758.9	13777.1	10018.1	1.87	0.482	1
Rv0985c	mscL	6	5	6649	12617.1	5968.1	0.92	0.2836	1
Rv0986	-	15	4	30.6	111.1	80.5	1.86	0.4697	1
Rv0987	-	68	36	3945.7	3342.1	-603.6	-0.24	0.7728	1
Rv0988	-	30	14	1353.9	977.1	-376.8	-0.47	0.6201	1
Rv0989c	grcC2	13	12	12131	12901.3	770.3	0.09	0.91	1
Rv0990c	-	7	4	2149.5	1688.7	-460.8	-0.35	0.803	1
Rv0991c	-	1	1	141.3	57.9	-83.4	-1.29	0.3343	1
Rv0992c	-	6	5	4587.9	10401.7	5813.7	1.18	0.6319	1
Rv0993	galU	10	1	0	36.9	36.9	4.2	1	1
Rv0994	moeA1	9	6	1695.1	3154.5	1459.4	0.9	0.9435	1
Rv0995	rimJ	3	0	0	0	0	0	1	1
Rv0996	-	12	10	3978	2119.9	-1858.1	-0.91	0.2015	1
Rv0997	-	4	2	1769.4	465.2	-1304.2	-1.93	0.1721	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv0998	-	10	4	675.7	21.1	-654.6	-5	0.0041	0.2211
Rv0999	-	5	5	1026.6	101.8	-924.8	-3.33	0.0043	0.2258
Rv1000c	-	6	6	23092.7	16559	-6533.7	-0.48	0.6302	1
Rv1001	arcA	13	9	5771.9	3177.7	-2594.2	-0.86	0.3494	1
Rv1002c	-	17	4	26	47.4	21.4	0.87	0.595	1
Rv1003	-	4	2	205	0	-205	-6.68	0.4324	1
Rv1004c	-	8	6	10209.7	13549.2	3339.5	0.41	0.758	1
Rv1005c	pabB	18	1	0	10.5	10.5	2.4	1	1
Rv1006	-	34	30	11337.5	11387.2	49.6	0.01	0.9918	1
Rv1007c	metG	21	4	0	84.3	84.3	5.4	0.0777	0.88
Rv1008	tatD	8	8	31643.8	16999.1	-14644.6	-0.9	0.4818	1
Rv1009	rpfB	6	3	508	57.9	-450	-3.13	0.0901	0.8921
Rv1010	ksgA	12	5	33.5	300.2	266.7	3.16	0.4665	1
Rv1011	ispE	12	1	0	10.5	10.5	2.4	1	1
Rv1012	-	5	3	11203.1	11284.9	81.9	0.01	0.9832	1
Rv1013	pks16	19	18	14452.7	332.6	-14120.1	-5.44	0	0
Rv1014c	pth	8	0	0	0	0	0	1	1
Rv1015c	rplY	6	1	0	10.5	10.5	2.4	1	1
Rv1016c	lpqT	5	4	14901.6	25714.5	10812.9	0.79	0.4039	1
Rv1017c	prsA	8	1	0	10.5	10.5	2.4	1	1
Rv1018c	glmU	17	2	0	89.5	89.5	5.48	0.4287	1
Rv1019	-	7	7	60123.8	100833.1	40709.3	0.75	0.478	1
Rv1020	mfd	23	20	7250.9	5301	-1949.9	-0.45	0.5106	1
Rv1021	-	11	6	5990.9	10261.4	4270.6	0.78	0.5647	1
Rv1022	lpqU	7	5	1287.1	195.6	-1091.5	-2.72	0.0546	0.7836
Rv1023	eno	11	0	0	0	0	0	1	1
Rv1024	-	7	2	0	84.3	84.3	5.4	0.4261	1
Rv1025	-	5	1	0	73.7	73.7	5.2	1	1
Rv1026	-	6	3	42.5	96.5	54	1.18	0.9561	1
Rv1027c	kdpE	8	5	1075.9	4988.2	3912.3	2.21	0.6054	1
Rv1028A	kdpF	3	2	7225.2	31118	23892.8	2.11	0.942	1
Rv1028c	kdpD	17	12	9610.1	12292.3	2682.2	0.36	0.9393	1
Rv1029	kdpA	17	13	6977.1	7866.2	889	0.17	0.8047	1
Rv1030	kdpB	9	8	7458.5	17014	9555.5	1.19	0.3621	1
Rv1031	kdpC	8	7	1421.5	990.7	-430.8	-0.52	0.5217	1
Rv1032c	trcS	17	15	4161.8	13127.6	8965.8	1.66	0.0731	0.8752
Rv1033c	trcR	13	11	5613.4	10984.6	5371.2	0.97	0.3538	1
Rv1034c	-	2	0	0	0	0	0	1	1
Rv1035c	-	3	2	256.7	0	-256.7	-7	0.1403	1
Rv1036c	-	5	4	1118.9	2916.7	1797.8	1.38	0.2705	1
Rv1037c	esxI	3	3	3082.6	2388.7	-693.9	-0.37	0.6533	1
Rv1038c	esxJ	2	2	446.8	239.9	-206.9	-0.9	0.1999	1
Rv1039c	PPE15	16	12	13352.7	11391.2	-1961.6	-0.23	0.7177	1
Rv1040c	PE8	8	8	3130.4	4099.2	968.8	0.39	0.681	1
Rv1041c	-	14	14	9027.4	16162.5	7135.1	0.84	0.2035	1
Rv1042c	-	5	5	4143.2	4708.5	565.2	0.18	0.8002	1
Rv1043c	-	12	10	21535.2	21205.9	-329.4	-0.02	0.974	1
Rv1044	-	8	0	0	0	0	0	1	1
Rv1045	-	9	7	6810.9	3895.6	-2915.3	-0.81	0.2753	1
Rv1046c	-	4	4	2247.8	2121.3	-126.5	-0.08	0.9011	1
Rv1047	-	13	11	17415	27584.2	10169.2	0.66	0.569	1
Rv1048c	-	16	14	57377.8	21174.3	-36203.5	-1.44	0.1515	1
Rv1049	-	4	4	1171.2	1864.9	693.7	0.67	0.6225	1
Rv1050	-	5	3	275.1	317.7	42.7	0.21	0.9835	1
Rv1051c	-	7	5	207.1	7102.2	6895.1	5.1	0.2073	1
Rv1052	-	4	2	2513.7	1397.8	-1115.9	-0.85	0.2777	1
Rv1053c	-	5	3	998.3	810	-188.4	-0.3	0.7376	1
Rv1054	-	4	4	2619.4	2157.2	-462.2	-0.28	0.7775	1
Rv1055	-	3	2	288.3	0	-288.3	-7.17	0.1414	1
Rv1056	-	17	15	39804	61661.9	21858	0.63	0.4079	1
Rv1057	-	11	11	11420.3	21967.1	10546.8	0.94	0.2648	1
Rv1058	fadD14	23	17	11318	10209.6	-1108.4	-0.15	0.8475	1
Rv1059	-	9	6	619.7	7753.7	7134	3.65	0.269	1
Rv1060	-	4	1	52.6	0	-52.6	-4.72	0.328	1
Rv1061	-	12	9	23385	5412.2	-17972.8	-2.11	0.2546	1
Rv1062	-	4	3	131.5	84	-47.4	-0.65	0.8354	1
Rv1063c	-	13	9	4608.7	5427.6	818.9	0.24	0.739	1
Rv1064c	lpqV	5	4	3108.9	5202.8	2093.9	0.74	0.8189	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1065	-	6	5	12902.2	1730.5	-11171.7	-2.9	0.2101	1
Rv1066	-	3	2	1573.9	646.2	-927.7	-1.28	0.1165	0.973
Rv1067c	PE_PGRS19	12	5	894.4	516.7	-377.8	-0.79	0.6297	1
Rv1068c	PE_PGRS20	8	4	902	550.7	-351.3	-0.71	0.5369	1
Rv1069c	-	16	14	29536.4	27718.6	-1817.8	-0.09	0.8854	1
Rv1070c	echA8	6	5	3401.9	2066.7	-1335.1	-0.72	0.5363	1
Rv1071c	echA9	11	9	8494.5	5999.8	-2494.8	-0.5	0.4576	1
Rv1072	-	10	9	996.6	568.8	-427.8	-0.81	0.6082	1
Rv1073	-	18	16	25476.1	36788.2	11312	0.53	0.4717	1
Rv1074c	fadA3	10	10	46051.3	52303.8	6252.5	0.18	0.8208	1
Rv1075c	-	14	10	6334.1	2886	-3448.1	-1.13	0.1019	0.939
Rv1076	lipU	15	9	8637.7	10858.2	2220.5	0.33	0.9083	1
Rv1077	cbs	20	17	34505	40101	5596	0.22	0.7303	1
Rv1078	pra	14	9	3054.6	1022.3	-2032.3	-1.58	0.3194	1
Rv1079	metB	17	13	7025.4	2198.6	-4826.8	-1.68	0.0135	0.4551
Rv1080c	greA	7	0	0	0	0	0	1	1
Rv1081c	-	5	1	0	5.3	5.3	1.4	1	1
Rv1082	mca	12	9	6475.5	3964.4	-2511	-0.71	0.5232	1
Rv1083	-	3	2	213.6	0	-213.6	-6.74	0.027	0.5985
Rv1084	-	18	11	4147.4	6796.6	2649.2	0.71	0.8179	1
Rv1085c	-	9	6	442.5	15.8	-426.7	-4.81	0.0073	0.331
Rv1086	-	10	0	0	0	0	0	1	1
Rv1087	PE_PGRS21	17	16	4477.8	13414.7	8936.9	1.58	0.2301	1
Rv1087A	-	6	5	4453.8	5288.9	835.2	0.25	0.9455	1
Rv1088	PE9	4	2	3724	4765.2	1041.2	0.36	0.5886	1
Rv1089	PE10	4	2	1973.1	836.5	-1136.5	-1.24	0.2579	1
Rv1089A	celA2a	1	1	761	639	-122	-0.25	0.6596	1
Rv1090	celA2b	5	5	2517.2	2530.4	13.2	0.01	0.9976	1
Rv1091	PE_PGRS22	22	15	1741	4116.7	2375.7	1.24	0.1535	1
Rv1092c	coaA	12	0	0	0	0	0	1	1
Rv1093	glyA	9	0	0	0	0	0	1	1
Rv1094	desA2	10	0	0	0	0	0	1	1
Rv1095	phoH2	11	9	3459.8	2216.8	-1243	-0.64	0.418	1
Rv1096	-	15	10	1790.8	400.1	-1390.8	-2.16	0.028	0.5985
Rv1097c	-	7	5	356	15.8	-340.2	-4.49	0.2572	1
Rv1098c	fumC	9	0	0	0	0	0	1	1
Rv1099c	glpX	10	4	27	63.2	36.2	1.23	1	1
Rv1100	-	8	5	3192.9	1396.8	-1796.2	-1.19	0.0866	0.8839
Rv1101c	-	13	12	22201.6	21550.3	-651.3	-0.04	0.9322	1
Rv1102c	-	5	3	1706.9	2488.1	781.2	0.54	0.4295	1
Rv1103c	-	5	4	1714.6	7692.8	5978.2	2.17	0.2222	1
Rv1104	-	9	8	16124.9	6633	-9491.9	-1.28	0.3788	1
Rv1105	-	9	7	8684.2	21130.3	12446.1	1.28	0.3851	1
Rv1106c	-	17	17	22533.9	22453.7	-80.2	-0.01	0.9893	1
Rv1107c	xseB	2	2	1423	106.3	-1316.7	-3.74	0.0255	0.5985
Rv1108c	xseA	7	6	1718.5	604.5	-1113.9	-1.51	0.1989	1
Rv1109c	-	5	4	2440.9	418.5	-2022.4	-2.54	0.1884	1
Rv1110	ispH	9	1	0	36.9	36.9	4.2	1	1
Rv1111c	-	17	7	8011.1	419.9	-7591.1	-4.25	0	0
Rv1112	-	7	4	332.3	416.1	83.8	0.32	0.8195	1
Rv1113	-	1	0	0	0	0	0	1	1
Rv1114	-	2	2	875	147.7	-727.3	-2.57	0.112	0.9707
Rv1115	-	10	5	7824.5	12186.6	4362.1	0.64	0.6249	1
Rv1116	-	2	2	1148.1	887.3	-260.7	-0.37	0.5618	1
Rv1116A	-	5	5	3013.3	1279.9	-1733.4	-1.24	0.1106	0.9656
Rv1117	-	3	3	3109.4	4170.3	1060.8	0.42	0.6684	1
Rv1118c	-	7	5	5491.7	3227.6	-2264.1	-0.77	0.4255	1
Rv1119c	-	3	2	217.6	68.5	-149.1	-1.67	0.2492	1
Rv1120c	-	3	2	86.3	0	-86.3	-5.43	0.1457	1
Rv1121	zwf1	18	11	8205.7	5544.2	-2661.5	-0.57	0.4637	1
Rv1122	gnd2	11	0	0	0	0	0	1	1
Rv1123c	bpoB	6	6	3354.3	3212.5	-141.8	-0.06	0.9724	1
Rv1124	ephC	10	7	11453.7	5447.7	-6006.1	-1.07	0.3531	1
Rv1125	-	16	8	786.2	979.5	193.3	0.32	0.717	1
Rv1126c	-	8	1	252.4	0	-252.4	-6.98	1	1
Rv1127c	ppdK	15	4	312.5	31.6	-280.9	-3.31	0.0312	0.6032
Rv1128c	-	27	9	659.6	3085.1	2425.5	2.23	0.7969	1
Rv1129c	-	17	6	3747.2	3863.5	116.2	0.04	0.9502	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1130	-	19	15	7123.9	4320.8	-2803	-0.72	0.3697	1
Rv1131	gltA1	10	2	677.5	96.5	-581	-2.81	0.2623	1
Rv1132	-	20	12	9562	15156.1	5594	0.66	0.4702	1
Rv1133c	metE	22	0	0	0	0	0	1	1
Rv1134	-	2	1	398.5	0	-398.5	-7.64	0.3439	1
Rv1135A	-	6	6	3814	4117.2	303.1	0.11	0.9309	1
Rv1135c	PPE16	18	13	28669.9	18064.9	-10605	-0.67	0.561	1
Rv1136	-	2	2	378.3	0	-378.3	-7.56	0.0292	0.5985
Rv1137c	-	2	2	502	89.5	-412.5	-2.49	0.3448	1
Rv1138c	-	12	8	7989.9	11533.8	3543.9	0.53	0.6075	1
Rv1139c	-	8	6	484.1	403.9	-80.2	-0.26	0.8593	1
Rv1140	-	9	7	793.2	1426.8	633.6	0.85	0.9216	1
Rv1141c	echA11	12	10	25147.7	20729.1	-4418.6	-0.28	0.738	1
Rv1142c	echA10	7	6	8016.5	8264.6	248.1	0.04	0.9635	1
Rv1143	mcr	14	12	16554.3	12165.3	-4389	-0.44	0.5095	1
Rv1144	-	7	6	2498.7	896.9	-1601.8	-1.48	0.0223	0.5646
Rv1145	mmpL13a	7	6	2188.3	3725.6	1537.3	0.77	0.4974	1
Rv1146	mmpL13b	20	16	15870.8	22944.9	7074	0.53	0.3566	1
Rv1147	-	7	6	2456.1	6135.6	3679.4	1.32	0.6217	1
Rv1148c	-	18	15	5027.2	3472.8	-1554.4	-0.53	0.281	1
Rv1149	-	5	5	4244.3	5016.8	772.5	0.24	0.7471	1
Rv1151c	-	7	6	18344.4	35827	17482.6	0.97	0.4525	1
Rv1152	-	4	2	2411.6	2702.9	291.4	0.16	1	1
Rv1153c	omt	16	12	8539.8	13413	4873.2	0.65	0.3781	1
Rv1154c	-	12	11	11043.5	8254.9	-2788.6	-0.42	0.5762	1
Rv1155	-	7	7	21777.5	30115.5	8338	0.47	0.5055	1
Rv1156	-	9	8	1018.6	48.8	-969.8	-4.38	0.0001	0.0114
Rv1157c	-	6	4	409.3	235.1	-174.1	-0.8	0.4737	1
Rv1158c	-	8	3	60.5	45.3	-15.3	-0.42	0.7739	1
Rv1159	pimE	23	2	0	31.6	31.6	3.98	0.4309	1
Rv1159A	phhB	11	6	6846	2885.8	-3960.3	-1.25	0.4071	1
Rv1160	mutT2	3	2	2302.3	1659.7	-642.5	-0.47	0.7636	1
Rv1161	narG	52	35	26381	42828.9	16447.9	0.7	0.4134	1
Rv1162	narH	26	23	25241.6	30568.4	5326.9	0.28	0.643	1
Rv1163	narJ	11	7	6600	12924.9	6324.9	0.97	0.9318	1
Rv1164	narI	14	11	8748.2	1409.7	-7338.5	-2.63	0.002	0.1267
Rv1165	typA	12	10	5092.3	13442.2	8350	1.4	0.4374	1
Rv1166	lpqW	19	4	1.8	163.3	161.5	6.48	0.075	0.876
Rv1167c	-	6	5	548.7	363.2	-185.5	-0.6	0.7372	1
Rv1168c	PPE17	11	10	4816.5	4671.4	-145.1	-0.04	0.9451	1
Rv1169c	PE11	3	3	1039.8	1101.3	61.5	0.08	0.9578	1
Rv1170	mshB	10	2	0	26.3	26.3	3.72	0.4301	1
Rv1171	-	5	5	4211.9	2699.3	-1512.6	-0.64	0.6179	1
Rv1172c	PE12	12	9	7526.5	7509.7	-16.7	0	0.9965	1
Rv1173	fbiC	32	11	287.6	162.6	-125	-0.82	0.2756	1
Rv1174c	TB8.4	6	6	30861	40424.5	9563.6	0.39	0.7044	1
Rv1175c	fadH	17	13	7745	11182.4	3437.4	0.53	0.5661	1
Rv1176c	-	11	10	9054.2	7089.6	-1964.6	-0.35	0.6596	1
Rv1177	fdxC	6	2	0	52.7	52.7	4.72	0.4215	1
Rv1178	-	16	9	892.9	325.9	-567	-1.45	0.0491	0.7352
Rv1179c	-	32	26	19005.3	19078.8	73.5	0.01	0.9943	1
Rv1180	pks3	17	9	400.6	324.9	-75.7	-0.3	0.8188	1
Rv1181	pks4	51	27	6480.7	9320.7	2839.9	0.52	0.4277	1
Rv1182	papA3	30	19	3234.3	3961.1	726.8	0.29	0.7318	1
Rv1183	mmpL10	43	25	8835.3	1577.5	-7257.8	-2.49	0	0
Rv1184c	-	16	14	26473.2	23585.6	-2887.6	-0.17	0.8159	1
Rv1185c	fadD21	25	16	3600.7	2705.8	-894.9	-0.41	0.4946	1
Rv1186c	-	17	11	9864.8	14517.5	4652.7	0.56	0.6527	1
Rv1187	rocA	18	5	352	542.3	190.3	0.62	0.8477	1
Rv1188	-	16	4	281.8	2347.6	2065.8	3.06	0.5122	1
Rv1189	sigI	4	4	1371.9	320.3	-1051.5	-2.1	0.1005	0.9359
Rv1190	-	9	5	2213.4	4289.2	2075.8	0.95	0.951	1
Rv1191	-	7	6	4433	2380.1	-2052.9	-0.9	0.3366	1
Rv1192	-	11	8	3250.4	1344.6	-1905.8	-1.27	0.038	0.6535
Rv1193	fadD36	13	5	3109.1	4905.3	1796.2	0.66	0.6903	1
Rv1194c	-	15	8	16853.1	10827.6	-6025.5	-0.64	0.5434	1
Rv1195	PE13	4	4	16900.6	13484.2	-3416.4	-0.33	0.8889	1
Rv1196	PPE18	7	6	3844.3	3446.5	-397.8	-0.16	0.7972	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1197	esxK	1	1	205.9	461.6	255.7	1.16	1	1
Rv1198	esxL	3	3	3296.2	3228.9	-67.3	-0.03	0.9003	1
Rv1199c	-	13	11	20051.8	29999.7	9947.8	0.58	0.5794	1
Rv1200	-	18	15	53405.5	36552.7	-16852.8	-0.55	0.6659	1
Rv1201c	-	10	1	0	10.5	10.5	2.4	1	1
Rv1202	dapE	12	0	0	0	0	0	1	1
Rv1203c	-	5	3	787.8	47.4	-740.4	-4.05	0.0267	0.5985
Rv1204c	-	15	13	10551.5	8004	-2547.5	-0.4	0.4386	1
Rv1205	-	9	9	1624.7	2179.2	554.4	0.42	0.5813	1
Rv1206	fadD6	24	16	7597.6	8073.8	476.2	0.09	0.9028	1
Rv1207	folP2	10	8	4946.4	6278.3	1331.9	0.34	0.7721	1
Rv1208	-	9	0	0	0	0	0	1	1
Rv1209	-	3	3	4845.3	257.4	-4587.9	-4.23	0.0171	0.5054
Rv1210	tagA	9	8	18963.5	6662.2	-12301.3	-1.51	0.0126	0.4403
Rv1211	-	2	0	0	0	0	0	1	1
Rv1212c	-	22	20	18797.3	12052.3	-6745	-0.64	0.4552	1
Rv1213	glgC	26	23	55607.7	47895.3	-7712.4	-0.22	0.6262	1
Rv1214c	PE14	5	5	1404.3	3744.2	2339.9	1.41	0.4172	1
Rv1215c	-	17	13	9918.8	7843.6	-2075.2	-0.34	0.7019	1
Rv1216c	-	12	11	3397	3515.7	118.7	0.05	0.9528	1
Rv1217c	-	12	3	476.2	357.9	-118.3	-0.41	0.7652	1
Rv1218c	-	5	4	1235.5	266.2	-969.3	-2.21	0.036	0.6315
Rv1219c	-	10	9	882.4	647.7	-234.8	-0.45	0.6734	1
Rv1220c	-	8	6	1990.2	3976.4	1986.2	1	0.3736	1
Rv1221	sigE	11	3	460.9	976.9	516	1.08	0.7877	1
Rv1222	-	2	1	2823.2	868.6	-1954.6	-1.7	0.3284	1
Rv1223	htrA	13	1	0	42.1	42.1	4.4	1	1
Rv1224	tatB	4	1	1.8	0	-1.8	0.13	1	1
Rv1225c	-	5	5	18999.3	12819.8	-6179.5	-0.57	0.4757	1
Rv1226c	-	10	8	21366.4	22552	1185.6	0.08	0.9351	1
Rv1227c	-	6	4	1622.5	319.9	-1302.7	-2.34	0.0674	0.8362
Rv1228	lpqX	7	7	6636	4794.7	-1841.4	-0.47	0.507	1
Rv1229c	mrp	11	0	0	0	0	0	1	1
Rv1230c	-	15	14	10687.6	16768.9	6081.3	0.65	0.4341	1
Rv1231c	-	6	4	2235.3	1036.9	-1198.4	-1.11	0.0872	0.8839
Rv1232c	-	6	5	3718.2	13020.5	9302.4	1.81	0.2168	1
Rv1233c	-	18	11	6196.3	3505.4	-2691	-0.82	0.2813	1
Rv1234	-	6	4	877.1	2283.7	1406.6	1.38	0.5185	1
Rv1235	lpqY	23	12	3727.4	4587.3	859.8	0.3	0.8821	1
Rv1236	sugA	17	15	4300.6	787	-3513.7	-2.45	0.0005	0.0416
Rv1237	sugB	9	0	0	0	0	0	1	1
Rv1238	sugC	17	10	69675.5	23163	-46512.5	-1.59	0.3554	1
Rv1239c	corA	20	12	1164.7	312.5	-852.2	-1.9	0.0271	0.5985
Rv1240	mdh	2	0	0	0	0	0	1	1
Rv1241	-	1	1	37.5	94.8	57.3	1.34	1	1
Rv1242	-	8	7	2980	5064.4	2084.5	0.77	0.682	1
Rv1243c	PE_PGRS23	12	9	1768.2	3516.5	1748.3	0.99	0.3214	1
Rv1244	lpqZ	7	7	13931.3	2253.1	-11678.1	-2.63	0.227	1
Rv1245c	-	12	10	2027.1	711.3	-1315.8	-1.51	0.0423	0.6794
Rv1246c	-	6	6	2336.4	1368.3	-968.1	-0.77	0.5265	1
Rv1247c	-	3	2	77.3	0	-77.3	-5.27	0.027	0.5985
Rv1248c	kgd	35	2	0	31.6	31.6	3.98	0.4207	1
Rv1249c	-	10	9	16088.9	11394	-4694.9	-0.5	0.5761	1
Rv1250	-	23	17	11345.9	9676.3	-1669.6	-0.23	0.7701	1
Rv1251c	-	43	28	14425.7	7963.4	-6462.3	-0.86	0.0867	0.8839
Rv1252c	lprE	6	6	10456.4	14386.9	3930.5	0.46	0.6892	1
Rv1253	deaD	26	17	9076	17095.2	8019.2	0.91	0.3399	1
Rv1254	-	22	1	0	5.3	5.3	1.4	1	1
Rv1255c	-	5	5	2272.6	988.1	-1284.5	-1.2	0.175	1
Rv1256c	cyp130	8	6	14305.8	3435.2	-10870.6	-2.06	0.3603	1
Rv1257c	-	13	9	9017.8	5823.5	-3194.3	-0.63	0.4378	1
Rv1258c	-	19	16	17576.3	14254.4	-3321.9	-0.3	0.6522	1
Rv1259	-	5	5	642.7	99.1	-543.5	-2.7	0.2983	1
Rv1260	-	21	8	629	323.2	-305.8	-0.96	0.2847	1
Rv1261c	-	7	4	1982.6	1777.6	-205	-0.16	0.8793	1
Rv1262c	-	2	2	389.5	608.6	219.1	0.64	0.3455	1
Rv1263	amiB2	18	13	7087.4	7187.9	100.4	0.02	0.9757	1
Rv1264	-	13	9	8325.2	16443.6	8118.4	0.98	0.2471	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1265	-	11	4	1910.4	539.6	-1370.8	-1.82	0.0073	0.331
Rv1266c	pknH	25	24	15888	34968.2	19080.3	1.14	0.0156	0.4825
Rv1267c	embR	12	7	6911.2	20569.2	13658	1.57	0.1774	1
Rv1268c	-	9	5	3301.2	5445.6	2144.4	0.72	0.3679	1
Rv1269c	-	7	7	3045.5	2318.4	-727.1	-0.39	0.7807	1
Rv1270c	lprA	8	7	1805.2	1385.3	-419.9	-0.38	0.6919	1
Rv1271c	-	4	4	540.4	189.9	-350.5	-1.51	0.1471	1
Rv1272c	-	27	18	13815.3	21378.8	7563.5	0.63	0.3106	1
Rv1273c	-	25	16	20042.1	10852.8	-9189.3	-0.88	0.2938	1
Rv1274	lprB	3	0	0	0	0	0	1	1
Rv1275	lprC	5	0	0	0	0	0	1	1
Rv1276c	-	4	1	1.8	0	-1.8	0.13	1	1
Rv1277	-	14	11	2726.9	1251.7	-1475.1	-1.12	0.0909	0.8955
Rv1278	-	19	8	2103.2	3953.8	1850.6	0.91	0.3188	1
Rv1279	-	23	17	9263.4	10846.8	1583.4	0.23	0.7539	1
Rv1280c	oppA	20	16	16403	30001.9	13599	0.87	0.4138	1
Rv1281c	oppD	20	9	744.8	1752	1007.2	1.23	0.5625	1
Rv1282c	oppC	10	4	3218.8	2246.5	-972.3	-0.52	0.622	1
Rv1283c	oppB	14	7	4186.6	2055.5	-2131.1	-1.03	0.3819	1
Rv1284	-	4	2	379.6	1043.4	663.7	1.46	0.8885	1
Rv1285	cysD	8	0	0	0	0	0	1	1
Rv1286	cysN	24	2	10.1	1776.6	1766.4	7.45	1	1
Rv1287	-	9	7	3089	1773.6	-1315.4	-0.8	0.4419	1
Rv1288	-	29	28	41905.7	71014.8	29109.1	0.76	0.0844	0.8839
Rv1289	-	10	9	10106.4	19548.2	9441.8	0.95	0.1904	1
Rv1290A	-	6	4	919.2	1754	834.8	0.93	0.5019	1
Rv1290c	-	24	23	40874.9	47585.1	6710.3	0.22	0.6452	1
Rv1291c	-	1	1	1	0	-1	1	1	1
Rv1292	argS	28	0	0	0	0	0	1	1
Rv1293	lysA	17	0	0	0	0	0	1	1
Rv1294	thrA	18	2	0	42.1	42.1	4.4	0.4256	1
Rv1295	thrC	14	0	0	0	0	0	1	1
Rv1296	thrB	11	0	0	0	0	0	1	1
Rv1297	rho	14	0	0	0	0	0	1	1
Rv1298	rpmE	6	1	0	8.4	8.4	2.07	1	1
Rv1299	prfA	10	2	1	5.3	4.3	2.4	1	1
Rv1300	hemK	13	1	0	5.3	5.3	1.4	1	1
Rv1301	-	9	0	0	0	0	0	1	1
Rv1302	rfe	13	0	0	0	0	0	1	1
Rv1303	-	3	0	0	0	0	0	1	1
Rv1304	atpB	8	2	4	0	-4	-1	0.4345	1
Rv1305	atpE	4	0	0	0	0	0	1	1
Rv1306	atpF	3	0	0	0	0	0	1	1
Rv1307	atpH	12	0	0	0	0	0	1	1
Rv1308	atpA	20	2	0	10.5	10.5	2.4	0.4213	1
Rv1309	atpG	16	1	0	10.5	10.5	2.4	1	1
Rv1310	atpD	13	0	0	0	0	0	1	1
Rv1311	atpC	1	0	0	0	0	0	1	1
Rv1312	-	8	1	0	5.3	5.3	1.4	1	1
Rv1313c	-	14	12	11817.9	16811	4993.1	0.51	0.6864	1
Rv1314c	-	10	6	2772.2	3005.4	233.2	0.12	0.9031	1
Rv1315	murA	12	2	0	68.5	68.5	5.1	0.4318	1
Rv1316c	ogt	5	4	1557.1	1318.5	-238.6	-0.24	0.8498	1
Rv1317c	alkA	8	7	4373.5	3066.8	-1306.7	-0.51	0.4937	1
Rv1318c	-	9	8	8458.1	5127.2	-3330.8	-0.72	0.2239	1
Rv1319c	-	20	19	13753.8	12712.9	-1040.9	-0.11	0.788	1
Rv1320c	-	20	15	13502.4	7999	-5503.5	-0.76	0.1119	0.9707
Rv1321	-	8	7	6763.2	3114.6	-3648.6	-1.12	0.0846	0.8839
Rv1322	-	5	4	5544.7	9671.6	4126.9	0.8	0.9674	1
Rv1322A	-	3	3	950.1	194.9	-755.3	-2.29	0.0416	0.6794
Rv1323	fadA4	10	9	23221.9	23331.6	109.7	0.01	0.9944	1
Rv1324	-	5	2	58.5	0	-58.5	-4.87	0.4259	1
Rv1325c	PE_PGRS24	5	2	63.6	321.1	257.4	2.34	0.2186	1
Rv1326c	glgB	34	0	0	0	0	0	1	1
Rv1327c	glgE	32	1	0	10.5	10.5	2.4	1	1
Rv1328	glgP	31	20	3668.8	249.9	-3418.8	-3.88	0.0001	0.0114
Rv1329c	dinG	19	13	9537.1	3093	-6444.1	-1.62	0.0081	0.3438
Rv1330c	-	21	16	12708.8	11088.9	-1619.9	-0.2	0.8304	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1331	clpS	5	5	2934.2	917.2	-2017.1	-1.68	0.0648	0.834
Rv1332	-	5	5	1190.6	479.6	-711	-1.31	0.2079	1
Rv1333	-	8	7	12513	10407.8	-2105.1	-0.27	0.7546	1
Rv1334	-	8	8	16909.7	11615.7	-5294	-0.54	0.4986	1
Rv1335	-	4	4	23912.6	16469.7	-7442.9	-0.54	0.4768	1
Rv1336	cysM	13	13	29758.2	19017.3	-10740.8	-0.65	0.2128	1
Rv1337	-	9	9	17979.4	10110.1	-7869.2	-0.83	0.1965	1
Rv1338	murI	12	1	0	57.9	57.9	4.86	1	1
Rv1339	-	14	1	0	26.3	26.3	3.72	1	1
Rv1340	rph	11	1	0	10.5	10.5	2.4	1	1
Rv1341	-	3	3	1275.4	191.3	-1084.1	-2.74	0.0955	0.9226
Rv1342c	-	5	1	0	100.1	100.1	5.64	1	1
Rv1343c	lprD	11	1	0	52.7	52.7	4.72	1	1
Rv1344	-	8	8	20998.9	32360.9	11362	0.62	0.424	1
Rv1345	fadD33	22	19	14133.3	18803	4669.7	0.41	0.4627	1
Rv1346	fadE14	12	9	50981.3	60825.4	9844	0.25	0.7992	1
Rv1347c	-	10	4	140	1517	1377	3.44	0.1188	0.9753
Rv1348	-	29	4	102.3	15.8	-86.5	-2.69	0.2867	1
Rv1349	-	15	2	10.5	0	-10.5	-2.39	0.1345	1
Rv1350	fabG	9	5	832.8	402	-430.8	-1.05	0.3643	1
Rv1351	-	6	4	302.7	100.1	-202.6	-1.6	0.2525	1
Rv1352	-	4	4	425.5	363.2	-62.3	-0.23	0.8095	1
Rv1353c	-	10	5	582	1789.2	1207.2	1.62	0.4699	1
Rv1354c	-	31	17	3389.4	2208.9	-1180.5	-0.62	0.4469	1
Rv1355c	moeY	30	7	459.1	503.3	44.2	0.13	0.9362	1
Rv1356c	-	23	14	7500.6	5373.4	-2127.2	-0.48	0.5925	1
Rv1357c	-	8	8	13818.8	5134.6	-8684.2	-1.43	0.4454	1
Rv1358	-	59	47	31289	33234.9	1945.9	0.09	0.8527	1
Rv1359	-	14	11	2851.4	1325.7	-1525.7	-1.1	0.2478	1
Rv1360	-	11	10	6159.3	13696.6	7537.3	1.15	0.8701	1
Rv1361c	PPE19	8	5	1595.3	1842.4	247.1	0.21	0.849	1
Rv1362c	-	12	11	13350.6	8713.2	-4637.5	-0.62	0.5276	1
Rv1363c	-	6	6	2763.9	10630	7866.1	1.94	0.5297	1
Rv1364c	-	24	23	51704.2	19028.1	-32676.1	-1.44	0.259	1
Rv1365c	rsfA	4	3	1748.2	210.9	-1537.3	-3.05	0.0105	0.4028
Rv1366	-	15	13	7037.2	11494.6	4457.5	0.71	0.6954	1
Rv1367c	-	13	12	11088.4	7332.1	-3756.3	-0.6	0.4117	1
Rv1368	lprF	6	6	13765.4	10039.3	-3726	-0.46	0.3996	1
Rv1369c	-	17	17	13415.9	13653.6	237.7	0.03	0.9666	1
Rv1370c	-	3	3	2543.1	2073.2	-469.9	-0.29	0.7076	1
Rv1371	-	27	12	2273.6	4653	2379.4	1.03	0.689	1
Rv1372	-	15	7	1953.5	1671	-282.5	-0.23	0.8237	1
Rv1373	-	14	13	6665.3	6433.6	-231.8	-0.05	0.9765	1
Rv1374c	-	11	11	35197.5	42492	7294.5	0.27	0.7666	1
Rv1375	-	18	16	14683.9	15157	473.1	0.05	0.9267	1
Rv1376	-	13	11	7483.6	6779.1	-704.5	-0.14	0.8762	1
Rv1377c	-	10	8	1255.6	879.6	-376	-0.51	0.6757	1
Rv1378c	-	16	11	8828.7	10460.6	1631.9	0.24	0.7411	1
Rv1379	pyrR	6	0	0	0	0	0	1	1
Rv1380	pyrB	12	1	0	5.3	5.3	1.4	1	1
Rv1381	pyrC	8	0	0	0	0	0	1	1
Rv1382	-	5	0	0	0	0	0	1	1
Rv1383	carA	9	0	0	0	0	0	1	1
Rv1384	carB	38	2	34.7	15.8	-18.9	-1.14	1	1
Rv1385	pyrF	5	1	0	5.3	5.3	1.4	1	1
Rv1386	PE15	2	2	4554.9	10867.2	6312.4	1.25	0.8018	1
Rv1387	PPE20	23	22	43624.4	38544.5	-5079.9	-0.18	0.7796	1
Rv1388	mihF	5	1	20.6	0	-20.6	-3.37	0.3353	1
Rv1389	gmk	4	0	0	0	0	0	1	1
Rv1390	rpoZ	6	1	0	21.1	21.1	3.4	1	1
Rv1391	dfp	10	1	0	110.6	110.6	5.79	1	1
Rv1392	metK	12	0	0	0	0	0	1	1
Rv1393c	-	16	15	17876.4	20048.9	2172.4	0.17	0.7653	1
Rv1394c	cyp132	13	12	10925.1	12988.2	2063.1	0.25	0.7162	1
Rv1395	-	11	5	3858.7	5208.5	1349.8	0.43	0.7212	1
Rv1396c	PE_PGRS25	9	6	1206.4	3184.4	1978	1.4	0.6352	1
Rv1397c	-	6	4	1865.7	4575	2709.2	1.29	0.4492	1
Rv1398c	-	2	2	1889.4	585.4	-1304	-1.69	0.168	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1399c	lipH	11	7	16006.9	11222.7	-4784.2	-0.51	0.6005	1
Rv1400c	lipI	12	7	1023.9	3118.1	2094.1	1.61	0.8654	1
Rv1401	-	3	2	12.7	110.6	98	3.13	1	1
Rv1402	priA	22	2	0	131.7	131.7	6.04	0.4301	1
Rv1403c	-	10	8	6331.3	4224.2	-2107.1	-0.58	0.5062	1
Rv1404	-	5	2	158.2	0	-158.2	-6.31	0.029	0.5985
Rv1405c	-	9	8	13752.7	16372.8	2620.1	0.25	0.7009	1
Rv1406	fmt	9	2	0	152.7	152.7	6.25	0.4237	1
Rv1407	fmu	15	11	9868.8	24851.6	14982.7	1.33	0.47	1
Rv1408	rpe	9	2	0	126.4	126.4	5.98	0.4319	1
Rv1409	ribG	9	3	0	147.5	147.5	6.2	0.1828	1
Rv1410c	-	22	10	14445.8	10632.1	-3813.7	-0.44	0.6086	1
Rv1411c	lprG	7	3	100.3	221.2	120.9	1.14	0.9963	1
Rv1412	ribC	4	1	0	15.8	15.8	2.98	1	1
Rv1413	-	4	4	15460.3	5597.4	-9862.8	-1.47	0.3235	1
Rv1414	-	2	2	1803.4	1181	-622.4	-0.61	0.5961	1
Rv1415	ribA2	11	3	0	63.2	63.2	4.98	0.1883	1
Rv1416	ribH	3	0	0	0	0	0	1	1
Rv1417	-	6	3	612.9	684.5	71.7	0.16	0.8793	1
Rv1418	lprH	11	9	4578.8	10056.8	5478	1.14	0.2177	1
Rv1419	-	3	1	478.8	2493	2014.2	2.38	1	1
Rv1420	uvrC	19	5	1353.1	52.7	-1300.4	-4.68	0.0554	0.7894
Rv1421	-	13	9	1799.2	54.3	-1744.9	-5.05	0	0
Rv1422	-	7	5	8671	3016.4	-5654.6	-1.52	0.2603	1
Rv1423	whiA	6	0	0	0	0	0	1	1
Rv1424c	-	13	7	3148.9	3388.5	239.7	0.11	0.9482	1
Rv1425	-	12	10	2834.9	1035.3	-1799.6	-1.45	0.0623	0.8304
Rv1426c	lipO	20	11	2508.4	1314.4	-1194	-0.93	0.4817	1
Rv1427c	fadD12	15	8	1014.1	5077.6	4063.6	2.32	0.4758	1
Rv1428c	-	12	8	4585.1	8123.4	3538.3	0.83	0.3727	1
Rv1429	-	14	11	13037.2	8918.1	-4119	-0.55	0.3221	1
Rv1430	PE16	31	24	7559.7	8473.2	913.4	0.16	0.8489	1
Rv1431	-	22	16	4656.2	7248	2591.9	0.64	0.419	1
Rv1432	-	11	3	140.1	140.5	0.5	0	1	1
Rv1433	-	12	8	6199.7	7512.2	1312.5	0.28	0.8233	1
Rv1434	-	1	1	118.7	0	-118.7	-5.89	0.3288	1
Rv1435c	-	11	3	11181.9	18520.7	7338.8	0.73	0.5755	1
Rv1436	gap	9	1	0	21.1	21.1	3.4	1	1
Rv1437	pgk	10	0	0	0	0	0	1	1
Rv1438	tpiA	13	0	0	0	0	0	1	1
Rv1439c	-	6	5	4295.4	4366.8	71.3	0.02	0.9771	1
Rv1440	secG	4	2	1.8	31.6	29.8	4.11	1	1
Rv1441c	PE_PGRS26	12	6	260.8	5424.1	5163.3	4.38	0.0782	0.88
Rv1442	bisC	32	26	30222.4	24104.8	-6117.6	-0.33	0.5993	1
Rv1443c	-	1	1	253.2	6.9	-246.2	-5.19	0.3349	1
Rv1444c	-	3	2	407.5	84	-323.5	-2.28	0.1381	1
Rv1445c	devB	6	0	0	0	0	0	1	1
Rv1446c	opcA	12	4	1658.5	1350.1	-308.5	-0.3	0.8265	1
Rv1447c	zwf2	13	11	2826.5	2394.7	-431.7	-0.24	0.7283	1
Rv1448c	tal	10	4	849.3	1534.5	685.2	0.85	0.9219	1
Rv1449c	tkt	17	4	0	101.8	101.8	5.67	0.0797	0.8839
Rv1450c	PE_PGRS27	23	10	191.8	482.4	290.7	1.33	0.3809	1
Rv1451	ctaB	12	2	1	73.7	72.7	6.2	1	1
Rv1452c	PE_PGRS28	12	7	3238.2	3860.7	622.5	0.25	0.7612	1
Rv1453	-	9	9	8304.5	9397.4	1092.8	0.18	0.9317	1
Rv1454c	qor	12	9	30010.4	52918.3	22907.9	0.82	0.4029	1
Rv1455	-	11	9	14970.2	16957.3	1987.1	0.18	0.8764	1
Rv1456c	-	12	1	0	15.8	15.8	2.98	1	1
Rv1457c	-	7	0	0	0	0	0	1	1
Rv1458c	-	9	1	0	5.3	5.3	1.4	1	1
Rv1459c	-	23	5	2035.5	442.4	-1593.1	-2.2	0.2436	1
Rv1460	-	6	0	0	0	0	0	1	1
Rv1461	-	50	4	0	94.8	94.8	5.57	0.0463	0.7133
Rv1462	-	11	1	0	5.3	5.3	1.4	1	1
Rv1463	-	7	2	1.8	115.9	114	5.99	1	1
Rv1464	csd	13	0	0	0	0	0	1	1
Rv1465	-	6	1	0	5.3	5.3	1.4	1	1
Rv1466	-	1	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1467c	fadE15	23	19	11389.1	5815.1	-5573.9	-0.97	0.0851	0.8839
Rv1468c	PE_PGRS29	7	2	216.4	137	-79.5	-0.66	0.6236	1
Rv1469	ctpD	16	14	2909.2	5169.9	2260.7	0.83	0.3356	1
Rv1470	trxA	3	3	1536.1	2974.7	1438.6	0.95	0.4352	1
Rv1471	trxB1	1	1	47.6	0	-47.6	-4.57	1	1
Rv1472	echA12	13	12	15559.2	13146.1	-2413.1	-0.24	0.7019	1
Rv1473	-	21	19	7855.2	5653.9	-2201.4	-0.47	0.766	1
Rv1473A	-	4	4	2598.5	1940.8	-657.7	-0.42	0.6548	1
Rv1474c	-	6	3	575.1	248.5	-326.6	-1.21	0.6835	1
Rv1475c	acn	40	2	0	21.1	21.1	3.4	0.4348	1
Rv1476	-	5	1	0	36.9	36.9	4.2	1	1
Rv1477	-	15	2	3.8	10.5	6.7	1.46	1	1
Rv1478	-	6	5	9573.9	4336.4	-5237.5	-1.14	0.4506	1
Rv1479	moxR1	11	1	0	10.5	10.5	2.4	1	1
Rv1480	-	2	0	0	0	0	0	1	1
Rv1481	-	8	1	0	57.9	57.9	4.86	1	1
Rv1482c	-	8	5	701	1595.3	894.3	1.19	0.4757	1
Rv1483	fabG1	9	2	0	68.5	68.5	5.1	0.4304	1
Rv1484	inhA	7	0	0	0	0	0	1	1
Rv1485	hemH	20	2	2.8	0	-2.8	-0.5	0.4339	1
Rv1486c	-	5	5	2708.7	6322.7	3614	1.22	0.2837	1
Rv1487	-	3	3	1709.3	1278	-431.3	-0.42	0.8166	1
Rv1488	-	12	12	17469.3	31905.4	14436.1	0.87	0.2146	1
Rv1489	-	6	6	12591.2	5417.7	-7173.4	-1.22	0.075	0.876
Rv1489A	-	4	4	4763.9	2168.9	-2595	-1.14	0.2107	1
Rv1490	-	35	23	2027	1488.7	-538.3	-0.45	0.5506	1
Rv1491c	-	11	9	12284.9	7415.1	-4869.9	-0.73	0.2591	1
Rv1492	mutA	11	9	5052.1	12581.5	7529.4	1.32	0.107	0.9551
Rv1493	mutB	27	17	12092.2	24124.5	12032.3	1	0.2196	1
Rv1494	-	8	5	852.8	135.8	-717	-2.65	0.0826	0.8839
Rv1495	-	5	5	3297.9	1359.7	-1938.2	-1.28	0.3937	1
Rv1496	-	3	3	5224.6	2571.8	-2652.8	-1.02	0.3694	1
Rv1497	lipL	13	9	10145.2	18842.6	8697.4	0.89	0.4599	1
Rv1498A	-	2	2	2467.6	1293.6	-1174	-0.93	0.3529	1
Rv1498c	-	13	10	8223.2	11716	3492.9	0.51	0.4558	1
Rv1499	-	4	3	1761.6	2253.6	492.1	0.36	0.7248	1
Rv1500	-	24	12	1750	1603.9	-146.1	-0.13	0.8923	1
Rv1501	-	24	13	2305.1	6926.4	4621.3	1.59	0.302	1
Rv1502	-	27	11	3086.9	2199.8	-887.2	-0.49	0.534	1
Rv1503c	-	15	14	16899.2	17590	690.8	0.06	0.9283	1
Rv1504c	-	9	9	8069.9	6796.9	-1273	-0.25	0.6257	1
Rv1505c	-	21	11	7293.6	7908.3	614.7	0.12	0.8958	1
Rv1506c	-	14	10	1427.6	3816.7	2389.1	1.42	0.4933	1
Rv1507A	-	13	5	376	143.9	-232.1	-1.39	0.4228	1
Rv1507c	-	21	9	912.3	1291.6	379.4	0.5	0.9757	1
Rv1508A	-	10	9	30267.6	9735.1	-20532.6	-1.64	0.1408	1
Rv1508c	-	37	36	39372.7	31035.9	-8336.8	-0.34	0.2915	1
Rv1509	-	12	8	1375.4	2902.3	1526.9	1.08	0.3403	1
Rv1510	-	19	18	17380.4	14101	-3279.4	-0.3	0.4945	1
Rv1511	gmdA	18	16	23718.7	24259.4	540.6	0.03	0.9457	1
Rv1512	epiA	7	0	0	0	0	0	1	1
Rv1513	-	5	1	0	1.7	1.7	-0.25	1	1
Rv1514c	-	14	9	865.3	1494.8	629.5	0.79	0.6267	1
Rv1515c	-	13	9	4122.7	6930.3	2807.6	0.75	0.5663	1
Rv1516c	-	8	5	1246.8	117.3	-1129.5	-3.41	0.0004	0.0389
Rv1517	-	8	4	1445.5	490.1	-955.4	-1.56	0.1505	1
Rv1518	-	10	7	1143	627	-516	-0.87	0.308	1
Rv1519	-	2	2	982.8	1912.7	930	0.96	0.3094	1
Rv1520	-	16	15	13493.3	15798.5	2305.2	0.23	0.8301	1
Rv1521	fadD25	32	28	20307.1	16109.3	-4197.7	-0.33	0.4513	1
Rv1522c	mmpL12	43	33	26517.6	31569.9	5052.3	0.25	0.5354	1
Rv1523	-	14	12	10753.6	15149.1	4395.5	0.49	0.4675	1
Rv1524	-	9	7	3188.8	1556.5	-1632.4	-1.03	0.527	1
Rv1525	wbbL2	16	9	1367.3	2261.3	894	0.73	0.8121	1
Rv1526c	-	16	11	14564.2	9325.7	-5238.5	-0.64	0.573	1
Rv1527c	pks5	65	48	29222.9	52634.5	23411.6	0.85	0.0306	0.6032
Rv1528c	papA4	6	5	1493.9	2436	942.1	0.71	0.4726	1
Rv1529	fadD24	29	24	9260.9	11804.1	2543.2	0.35	0.659	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1530	adh	18	11	2092.2	6000.3	3908.1	1.52	0.4214	1
Rv1531	-	6	5	465.6	817.1	351.5	0.81	0.9767	1
Rv1532c	-	4	3	94.1	29.7	-64.5	-1.67	0.5385	1
Rv1533	-	9	5	1954.4	250.4	-1704	-2.96	0.1213	0.9817
Rv1534	-	12	6	5014.8	1622.6	-3392.2	-1.63	0.0678	0.8362
Rv1535	-	3	3	2595.6	946.7	-1648.9	-1.46	0.1009	0.9359
Rv1536	ileS	65	6	0	84.3	84.3	5.4	0.0115	0.4286
Rv1537	dinX	12	9	4398.9	10071	5672.2	1.2	0.323	1
Rv1538c	ansA	11	8	3215.3	136.9	-3078.4	-4.55	0	0
Rv1539	lspA	6	2	25.1	89.5	64.4	1.83	1	1
Rv1540	-	9	0	0	0	0	0	1	1
Rv1541c	lprI	8	8	2583.2	1349.4	-1233.8	-0.94	0.3182	1
Rv1542c	glbN	6	5	1929.8	717.5	-1212.2	-1.43	0.048	0.7242
Rv1543	-	12	11	105187.9	113336.5	8148.6	0.11	0.8779	1
Rv1544	-	9	8	43281.2	22456.1	-20825.2	-0.95	0.1829	1
Rv1545	-	3	2	4101	5871.9	1770.9	0.52	0.5693	1
Rv1546	-	2	2	4898.3	9191.8	4293.6	0.91	0.4412	1
Rv1547	dnaE	41	6	1	79	78	6.3	0.0345	0.6173
Rv1548c	PPE21	39	33	24532.3	33143.5	8611.2	0.43	0.3516	1
Rv1549	fadD11.1	8	6	6253.6	7948.2	1694.6	0.35	0.8924	1
Rv1550	fadD11	20	18	27137.3	33231.8	6094.5	0.29	0.7143	1
Rv1551	plsB1	26	20	14133.9	15950.2	1816.2	0.17	0.7926	1
Rv1552	frdA	33	20	23281	17159.6	-6121.4	-0.44	0.6574	1
Rv1553	frdB	12	11	7715.2	11063.6	3348.5	0.52	0.7573	1
Rv1554	frdC	8	7	11420.3	14042	2621.7	0.3	0.6896	1
Rv1555	frdD	2	1	3737.9	817.6	-2920.3	-2.19	0.3338	1
Rv1556	-	9	7	7895.4	6809.6	-1085.8	-0.21	0.7897	1
Rv1557	mmpL6	18	15	45938.2	28865.1	-17073.1	-0.67	0.5309	1
Rv1558	-	6	5	4618.1	3490.8	-1127.3	-0.4	0.6356	1
Rv1559	ilvA	19	4	0	36.9	36.9	4.2	0.0764	0.876
Rv1560	-	2	0	0	0	0	0	1	1
Rv1561	-	7	5	2913.6	3474.8	561.2	0.25	0.7938	1
Rv1562c	treZ	25	13	2860.4	8660	5799.6	1.6	0.2383	1
Rv1563c	treY	23	7	1280.7	2398.9	1118.2	0.91	0.9088	1
Rv1564c	treX	35	21	6353.2	3918.5	-2434.7	-0.7	0.5068	1
Rv1565c	-	33	4	3.7	31.6	27.9	3.11	0.1963	1
Rv1566c	-	9	9	4563.4	4336.6	-226.7	-0.07	0.9433	1
Rv1567c	-	7	5	5581.1	5792	210.9	0.05	0.9398	1
Rv1568	bioA	11	7	2451.8	52.4	-2399.3	-5.55	0.0001	0.0114
Rv1569	bioF1	6	5	3317	131.7	-3185.3	-4.65	0.0005	0.0416
Rv1570	bioD	1	1	19.3	0	-19.3	-3.27	0.3389	1
Rv1571	-	2	0	0	0	0	0	1	1
Rv1572c	-	1	1	238.8	48.6	-190.2	-2.3	0.6652	1
Rv1573	-	1	0	0	0	0	0	1	1
Rv1574	-	2	1	189.2	21.1	-168.1	-3.17	0.3272	1
Rv1575	-	5	4	117.8	48.1	-69.7	-1.29	0.2927	1
Rv1576c	-	6	2	0	47.4	47.4	4.57	0.4259	1
Rv1577c	-	6	0	0	0	0	0	1	1
Rv1578c	-	4	3	834.2	31.6	-802.6	-4.72	0.0445	0.694
Rv1579c	-	4	3	439.5	52.7	-386.8	-3.06	0.0179	0.5138
Rv1580c	-	5	5	5066.9	7453.5	2386.6	0.56	0.4945	1
Rv1581c	-	5	4	687.2	222.9	-464.3	-1.62	0.2709	1
Rv1582c	-	26	13	1756.8	1151.8	-605	-0.61	0.5864	1
Rv1583c	-	5	4	1810	159.5	-1650.6	-3.5	0.0517	0.7584
Rv1584c	-	1	1	875.5	466.1	-409.4	-0.91	0.6746	1
Rv1585c	-	8	2	31.6	19.2	-12.5	-0.72	0.8302	1
Rv1586c	-	17	12	5867.1	4616	-1251	-0.35	0.7734	1
Rv1587c	-	13	11	7016.5	8528.6	1512.2	0.28	0.6783	1
Rv1588c	-	8	6	1633.3	1854.6	221.3	0.18	0.8505	1
Rv1589	bioB	7	5	6223.4	208.5	-6014.9	-4.9	0	0
Rv1590	-	3	3	4144.6	117.1	-4027.5	-5.15	0.0392	0.6589
Rv1591	-	4	4	9035.2	5127.9	-3907.2	-0.82	0.4683	1
Rv1592c	-	18	7	69.6	2613.2	2543.6	5.23	0.5899	1
Rv1593c	-	11	8	845.4	1016.1	170.7	0.27	0.7466	1
Rv1594	nadA	8	0	0	0	0	0	1	1
Rv1595	nadB	20	5	0	163.3	163.3	6.35	0.0219	0.5646
Rv1596	nadC	10	1	0	5.3	5.3	1.4	1	1
Rv1597	-	10	7	2053.4	6208.9	4155.5	1.6	0.8241	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1598c	-	7	6	2942.9	2624.3	-318.6	-0.17	0.8172	1
Rv1599	hisD	11	3	3.7	63.2	59.5	4.11	0.4538	1
Rv1600	hisC1	22	2	0	5	5	1.33	0.4312	1
Rv1601	hisB	11	1	0	10.5	10.5	2.4	1	1
Rv1602	hisH	6	0	0	0	0	0	1	1
Rv1603	hisA	7	0	0	0	0	0	1	1
Rv1604	impA	10	6	4547.8	1817.9	-2729.9	-1.32	0.1443	1
Rv1605	hisF	5	0	0	0	0	0	1	1
Rv1606	hisI	6	2	0	42.1	42.1	4.4	0.4191	1
Rv1607	chaA	8	5	1674.3	381.6	-1292.6	-2.13	0.0641	0.8304
Rv1608c	bcpB	4	3	293	4677.2	4384.2	4	1	1
Rv1609	trpE	19	1	0	63.2	63.2	4.98	1	1
Rv1610	-	4	1	1	5.3	4.3	2.4	1	1
Rv1611	trpC	8	1	0	21.1	21.1	3.4	1	1
Rv1612	trpB	15	1	0	47.4	47.4	4.57	1	1
Rv1613	trpA	13	0	0	0	0	0	1	1
Rv1614	lgt	23	4	3242.1	4756.7	1514.6	0.55	0.8428	1
Rv1615	-	7	7	2709.7	528.4	-2181.3	-2.36	0.003	0.1686
Rv1616	-	9	8	10821.1	5616.9	-5204.2	-0.95	0.2258	1
Rv1617	pykA	11	3	1.8	26.3	24.5	3.85	0.4524	1
Rv1618	tesB1	14	12	8442	6505.3	-1936.7	-0.38	0.5433	1
Rv1619	-	16	8	1802.1	330.4	-1471.7	-2.45	0.0174	0.506
Rv1620c	cydC	15	3	596.8	47.4	-549.4	-3.65	0.5812	1
Rv1621c	cydD	16	5	517.4	55.3	-462.1	-3.23	0.0235	0.5777
Rv1622c	cydB	18	5	1059.2	1330.3	271	0.33	0.8962	1
Rv1623c	cydA	15	6	366.8	354.1	-12.6	-0.05	0.9659	1
Rv1624c	-	5	5	5341.7	5457.8	116	0.03	0.9806	1
Rv1625c	cya	22	19	15739.9	28670.9	12930.9	0.87	0.1388	1
Rv1626	-	5	5	224	883.7	659.7	1.98	0.9956	1
Rv1627c	-	14	8	2548.5	1281.6	-1266.9	-0.99	0.1561	1
Rv1628c	-	6	4	2632.5	3874.5	1242.1	0.56	0.7038	1
Rv1629	polA	30	3	0	47.4	47.4	4.57	0.1829	1
Rv1630	rpsA	11	0	0	0	0	0	1	1
Rv1631	coaE	9	1	0	1.7	1.7	-0.25	1	1
Rv1632c	-	8	8	7249.1	9055	1805.9	0.32	0.716	1
Rv1633	uvrB	35	25	10325.8	1501.9	-8823.9	-2.78	0.1218	0.9834
Rv1634	-	22	19	13732.4	5363.5	-8368.8	-1.36	0.0128	0.4403
Rv1635c	-	26	24	23712.9	26413.7	2700.8	0.16	0.7866	1
Rv1636	TB15.3	6	1	0	26.3	26.3	3.72	1	1
Rv1637c	-	5	5	878.4	1427.2	548.8	0.7	0.5221	1
Rv1638	uvrA	28	15	916.9	221.2	-695.7	-2.05	0.0327	0.6097
Rv1638A	-	5	2	10011	6105.7	-3905.3	-0.71	0.5329	1
Rv1639c	-	11	8	21247.6	10088.3	-11159.4	-1.07	0.211	1
Rv1640c	lysS	53	37	44715.2	33370.3	-11344.9	-0.42	0.5373	1
Rv1641	infC	10	1	0	10.5	10.5	2.4	1	1
Rv1642	rpmI	1	0	0	0	0	0	1	1
Rv1643	rplT	7	1	0	5.3	5.3	1.4	1	1
Rv1644	tsnR	9	9	65827	56828.8	-8998.2	-0.21	0.8278	1
Rv1645c	-	17	14	25286.4	29825.7	4539.3	0.24	0.6623	1
Rv1646	PE17	11	11	8835.8	22535.9	13700.1	1.35	0.4348	1
Rv1647	-	6	4	7170.2	12150.1	4979.8	0.76	0.7775	1
Rv1648	-	9	9	7249.2	9670.2	2420.9	0.42	0.6267	1
Rv1649	pheS	12	2	1.8	42.1	40.3	4.53	1	1
Rv1650	pheT	29	1	0	36.9	36.9	4.2	1	1
Rv1651c	PE_PGRS30	37	27	17692.2	24864.3	7172.1	0.49	0.5576	1
Rv1652	argC	15	0	0	0	0	0	1	1
Rv1653	argJ	2	0	0	0	0	0	1	1
Rv1654	argB	4	0	0	0	0	0	1	1
Rv1655	argD	9	0	0	0	0	0	1	1
Rv1656	argF	5	0	0	0	0	0	1	1
Rv1657	argR	3	2	1123.7	338.5	-785.2	-1.73	0.3462	1
Rv1658	argG	13	2	0	110.6	110.6	5.79	0.4349	1
Rv1659	argH	7	0	0	0	0	0	1	1
Rv1660	pks10	9	8	17837.8	21357.1	3519.3	0.26	0.7946	1
Rv1661	pks7	58	18	5636.4	11807.5	6171.1	1.07	0.2667	1
Rv1662	pks8	50	12	2422.3	3543.4	1121	0.55	0.8327	1
Rv1663	pks17	15	8	2150.6	4481.3	2330.7	1.06	0.3763	1
Rv1664	pks9	32	26	5359.8	9021.9	3662.1	0.75	0.2981	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1665	pks11	8	8	5804.6	3665	-2139.5	-0.66	0.337	1
Rv1666c	cyp139	16	10	15128.9	10323.1	-4805.8	-0.55	0.4785	1
Rv1667c	-	7	6	13641.9	6030	-7611.9	-1.18	0.1518	1
Rv1668c	-	11	9	5393	1455.9	-3937.1	-1.89	0.0128	0.4403
Rv1669	-	7	5	1194.6	1923.3	728.7	0.69	0.7909	1
Rv1670	-	10	10	8674.6	9852.3	1177.7	0.18	0.837	1
Rv1671	-	10	4	2125.6	1146.6	-979	-0.89	0.4774	1
Rv1672c	-	17	12	5861.6	6489.7	628.1	0.15	0.792	1
Rv1673c	-	12	7	1616.8	985.5	-631.4	-0.71	0.4718	1
Rv1674c	-	9	5	17068.3	8408.9	-8659.4	-1.02	0.435	1
Rv1675c	-	10	9	3423.7	2022	-1401.8	-0.76	0.4613	1
Rv1676	-	7	3	1665	1335.5	-329.5	-0.32	0.6607	1
Rv1677	dsbF	10	2	1499.2	539.4	-959.7	-1.47	0.139	1
Rv1678	-	9	7	1294	954.6	-339.4	-0.44	0.6996	1
Rv1679	fadE16	8	3	646.9	2505.2	1858.4	1.95	0.9724	1
Rv1680	-	11	5	1584.7	2335	750.3	0.56	0.9998	1
Rv1681	moeX	8	5	1099.4	848.8	-250.6	-0.37	0.714	1
Rv1682	-	9	6	984.9	2733.3	1748.4	1.47	0.4922	1
Rv1683	-	26	7	503.3	453	-50.3	-0.15	0.8948	1
Rv1684	-	4	0	0	0	0	0	1	1
Rv1685c	-	6	2	23	0	-23	-3.52	0.4232	1
Rv1686c	-	9	3	3.7	22.7	19.1	2.64	0.303	1
Rv1687c	-	9	6	708.7	412.5	-296.2	-0.78	0.6146	1
Rv1688	mpg	7	6	5181.3	15320.4	10139	1.56	0.1943	1
Rv1689	tyrS	15	2	0	26.3	26.3	3.72	0.4262	1
Rv1690	lprJ	5	4	1104.8	760.4	-344.4	-0.54	0.5942	1
Rv1691	-	5	2	14	0	-14	-2.81	0.4341	1
Rv1692	-	7	5	3221.7	423.5	-2798.2	-2.93	0.0137	0.4551
Rv1693	-	1	1	14.6	0	-14.6	-2.87	1	1
Rv1694	tlyA	7	5	1956.7	3814.7	1858	0.96	0.4206	1
Rv1695	ppnK	6	0	0	0	0	0	1	1
Rv1696	recN	15	5	850.8	98.6	-752.2	-3.11	0.1043	0.9433
Rv1697	-	12	2	0	21.1	21.1	3.4	0.4235	1
Rv1698	-	12	3	851.5	2339.4	1487.9	1.46	0.2222	1
Rv1699	pyrG	29	1	0	26.3	26.3	3.72	1	1
Rv1700	-	9	4	793.5	55.1	-738.4	-3.85	0.0945	0.9174
Rv1701	xerD	10	3	147.1	136.9	-10.1	-0.1	0.8487	1
Rv1702c	-	17	14	17056.2	43036.2	25980	1.34	0.3287	1
Rv1703c	-	11	9	20981.6	21092.7	111.1	0.01	0.9937	1
Rv1704c	cycA	14	11	6323.1	11639	5315.9	0.88	0.1722	1
Rv1705c	PPE22	21	15	16520.5	15416.1	-1104.4	-0.1	0.8843	1
Rv1706A	-	2	1	28.8	0	-28.8	-3.85	0.33	1
Rv1706c	PPE23	14	12	12793.4	24527.2	11733.8	0.94	0.7414	1
Rv1707	-	14	13	10339	5792.8	-4546.2	-0.84	0.1689	1
Rv1708	-	14	2	0	21.1	21.1	3.4	0.4305	1
Rv1709	-	9	6	671.2	714.2	43	0.09	0.9173	1
Rv1710	-	12	4	276.3	0	-276.3	-7.11	0.0816	0.8839
Rv1711	-	7	0	0	0	0	0	1	1
Rv1712	cmk	10	2	0	52.7	52.7	4.72	0.441	1
Rv1713	engA	10	2	0	152.7	152.7	6.25	0.4328	1
Rv1714	-	4	3	565.4	412.1	-153.3	-0.46	0.7145	1
Rv1715	fadB3	8	3	261.2	1897.8	1636.6	2.86	1	1
Rv1716	-	11	7	1334.4	4742.2	3407.8	1.83	0.2235	1
Rv1717	-	4	3	1593.8	580.6	-1013.2	-1.46	0.0542	0.7807
Rv1718	-	4	4	663.6	1893.1	1229.5	1.51	0.4662	1
Rv1719	-	4	2	83.9	256.7	172.7	1.61	0.7126	1
Rv1720c	-	9	7	598.4	1198.8	600.4	1	0.4634	1
Rv1721c	-	2	1	152.2	232.7	80.5	0.61	1	1
Rv1722	-	19	15	44869.8	78585.2	33715.4	0.81	0.4313	1
Rv1723	-	13	12	16026	9193.8	-6832.2	-0.8	0.2046	1
Rv1724c	-	11	11	17201.5	9990.9	-7210.6	-0.78	0.2448	1
Rv1725c	-	8	6	5060.7	3200.1	-1860.7	-0.66	0.526	1
Rv1726	-	11	9	26840.3	13859.8	-12980.5	-0.95	0.4232	1
Rv1727	-	3	3	2830.7	4038.9	1208.2	0.51	0.6944	1
Rv1728c	-	15	10	1983.5	9987.2	8003.7	2.33	0.2233	1
Rv1729c	-	21	7	4308.9	5258.5	949.7	0.29	0.9378	1
Rv1730c	-	24	8	1144.5	3636.8	2492.3	1.67	0.4862	1
Rv1731	gabD2	21	14	10284.1	9608.8	-675.3	-0.1	0.9066	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1732c	-	8	5	2306.2	1266.8	-1039.4	-0.86	0.373	1
Rv1733c	-	3	2	4	611	607	7.25	0.4238	1
Rv1734c	-	2	2	2390.6	12692.6	10302	2.41	0.0816	0.8839
Rv1735c	-	5	5	2392.6	1615.1	-777.6	-0.57	0.6891	1
Rv1736c	narX	30	23	12080.3	11775.1	-305.2	-0.04	0.9589	1
Rv1737c	narK2	12	8	6718.4	3520.5	-3197.9	-0.93	0.2742	1
Rv1738	-	1	1	310.5	0	-310.5	-7.28	0.3297	1
Rv1739c	-	31	22	3958.5	5821.7	1863.2	0.56	0.4682	1
Rv1740	-	3	3	2453.6	1269.2	-1184.4	-0.95	0.5351	1
Rv1741	-	4	4	1765.7	8157	6391.3	2.21	0.3336	1
Rv1742	-	10	7	3178.1	4260	1081.9	0.42	0.6532	1
Rv1743	pknE	23	17	24815.8	24325.9	-490	-0.03	0.9688	1
Rv1744c	-	5	4	7464	8811.4	1347.3	0.24	0.7809	1
Rv1745c	idi	11	8	5722.8	4700	-1022.8	-0.28	0.8091	1
Rv1746	pknF	12	8	4408.7	9886	5477.3	1.17	0.1707	1
Rv1747	-	25	21	17876.2	7276.5	-10599.7	-1.3	0.0103	0.399
Rv1748	-	10	6	17270.7	13639.9	-3630.9	-0.34	0.596	1
Rv1749c	-	12	12	11010.4	23033.2	12022.8	1.06	0.829	1
Rv1750c	fadD1	32	24	15379	27385.5	12006.5	0.83	0.2023	1
Rv1751	-	17	13	6292.3	5779.8	-512.4	-0.12	0.8855	1
Rv1752	-	2	0	0	0	0	0	1	1
Rv1753c	PPE24	54	23	4367.5	9007.1	4639.6	1.04	0.3885	1
Rv1754c	-	29	23	11389.9	21812.1	10422.2	0.94	0.1684	1
Rv1755c	plcD	13	6	1233.3	1456.4	223.1	0.24	0.8024	1
Rv1756c	-	17	16	13422.5	13709.4	286.9	0.03	0.9594	1
Rv1757c	-	3	3	2600.2	2061	-539.2	-0.34	0.6887	1
Rv1758	cut1	8	7	6191.4	11637.6	5446.1	0.91	0.1886	1
Rv1759c	wag22	18	10	1389.8	6728.7	5338.9	2.28	0.1361	1
Rv1760	-	22	15	72192.5	107530.2	35337.7	0.57	0.5401	1
Rv1761c	-	4	3	5319.4	9762.2	4442.8	0.88	0.486	1
Rv1762c	-	8	8	21089.5	23426.8	2337.3	0.15	0.8363	1
Rv1763	-	3	3	2920	2011.7	-908.4	-0.54	0.5707	1
Rv1764	-	19	18	15301.7	16258	956.4	0.09	0.8715	1
Rv1765A	-	3	3	283.5	120.4	-163	-1.23	0.6595	1
Rv1765c	-	6	6	3564.2	5414.2	1850	0.6	0.3849	1
Rv1766	-	2	1	623.3	1239	615.7	0.99	0.6666	1
Rv1767	-	6	5	1452.7	2349.4	896.7	0.69	0.647	1
Rv1768	PE_PGRS31	17	14	7063.7	7671	607.4	0.12	0.8243	1
Rv1769	-	17	13	6932	11666.5	4734.4	0.75	0.5179	1
Rv1770	-	12	9	23075.3	36310.3	13235	0.65	0.6391	1
Rv1771	-	13	12	5381.2	4687.8	-693.4	-0.2	0.7716	1
Rv1772	-	4	1	913	17.5	-895.5	-5.71	0.3323	1
Rv1773c	-	8	4	1265.9	3350.5	2084.5	1.4	0.4462	1
Rv1774	-	22	16	11381.5	16362.8	4981.3	0.52	0.6021	1
Rv1775	-	9	6	3416.2	1241.4	-2174.8	-1.46	0.2374	1
Rv1776c	-	8	5	1445.4	1099.9	-345.6	-0.39	0.7989	1
Rv1777	cyp144	22	13	14915.6	8597.6	-6318	-0.79	0.2272	1
Rv1778c	-	5	5	235.5	0	-235.5	-6.88	0.0021	0.1289
Rv1779c	-	10	7	5465	3801	-1663.9	-0.52	0.6414	1
Rv1780	-	7	7	10185.8	17725.5	7539.7	0.8	0.8428	1
Rv1781c	malQ	23	20	41358.2	28914	-12444.2	-0.52	0.4811	1
Rv1782	-	14	1	0	26.3	26.3	3.72	1	1
Rv1783	-	15	1	0	168.5	168.5	6.4	1	1
Rv1784	-	35	4	0	73.7	73.7	5.2	0.0304	0.6032
Rv1785c	cyp143	13	8	3348.5	2263	-1085.5	-0.57	0.468	1
Rv1786	-	1	1	1841.3	1193.3	-648	-0.63	0.3378	1
Rv1787	PPE25	12	12	15336.6	19136.7	3800.1	0.32	0.6983	1
Rv1788	PE18	2	2	56452.3	39563.9	-16888.4	-0.51	0.5109	1
Rv1789	PPE26	15	13	11061.4	10519.3	-542.1	-0.07	0.8799	1
Rv1790	PPE27	13	13	15650.1	20216.2	4566.1	0.37	0.664	1
Rv1791	PE19	5	5	277.5	218.8	-58.7	-0.34	0.7019	1
Rv1793	esxN	3	3	3330.2	3312.9	-17.3	-0.01	0.9688	1
Rv1794	-	14	2	0	10.5	10.5	2.4	0.4332	1
Rv1795	-	13	6	1.8	133.4	131.5	6.19	0.0236	0.5777
Rv1796	mycP5	22	5	2.8	36.9	34	3.7	0.092	0.9029
Rv1797	-	12	2	0	84.3	84.3	5.4	0.4253	1
Rv1798	-	24	9	372.5	84.3	-288.3	-2.14	0.0988	0.9348
Rv1799	lppT	2	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1800	PPE28	33	26	55921.3	63092.8	7171.4	0.17	0.7794	1
Rv1801	PPE29	20	15	10902.5	13680.9	2778.4	0.33	0.6298	1
Rv1802	PPE30	17	16	20674.6	24251.7	3577.2	0.23	0.7046	1
Rv1803c	PE_PGRS32	26	19	7282.7	15168	7885.3	1.06	0.0795	0.8839
Rv1804c	-	8	7	5146.1	6457.6	1311.5	0.33	0.7736	1
Rv1805c	-	4	1	242	0	-242	-6.92	0.3426	1
Rv1806	PE20	3	1	10.5	3.4	-7.1	-1.65	0.3327	1
Rv1807	PPE31	16	12	1664.3	1787.8	123.5	0.1	0.9207	1
Rv1808	PPE32	24	21	30594.6	37659.9	7065.3	0.3	0.6035	1
Rv1809	PPE33	17	14	15820.9	10169.4	-5651.5	-0.64	0.4148	1
Rv1810	-	10	10	7523.7	6884.3	-639.4	-0.13	0.8436	1
Rv1811	mgtC	11	11	24223.6	17804.2	-6419.4	-0.44	0.4595	1
Rv1812c	-	19	14	18952.4	13136.5	-5815.9	-0.53	0.42	1
Rv1813c	-	8	7	13859.5	9166.1	-4693.4	-0.6	0.6792	1
Rv1814	erg3	19	18	72757	60805.8	-11951.2	-0.26	0.7596	1
Rv1815	-	7	5	3017.1	660.3	-2356.8	-2.19	0.2445	1
Rv1816	-	12	10	7526.1	8005.9	479.9	0.09	0.9293	1
Rv1817	-	21	17	29141.2	35640.9	6499.7	0.29	0.6381	1
Rv1818c	PE_PGRS33	8	5	276.4	287.1	10.7	0.05	0.9666	1
Rv1819c	-	22	21	33405.8	22487.5	-10918.3	-0.57	0.1875	1
Rv1820	ilvG	13	10	15890.7	20950	5059.3	0.4	0.7123	1
Rv1821	secA2	28	5	20.1	126.4	106.3	2.65	0.055	0.7866
Rv1822	pgsA2	13	3	3.7	36.9	33.2	3.33	0.1782	1
Rv1823	-	12	7	624.3	46.2	-578.1	-3.76	0.0206	0.5591
Rv1824	-	4	4	148.2	5.3	-142.9	-4.81	0.0568	0.8008
Rv1825	-	9	4	218.8	45.3	-173.6	-2.27	0.4742	1
Rv1826	gcvH	7	2	0	31.6	31.6	3.98	0.4157	1
Rv1827	cfp17	6	2	0	21.1	21.1	3.4	0.4337	1
Rv1828	-	11	2	0	73.7	73.7	5.2	0.4257	1
Rv1829	-	9	8	10755.6	12109.5	1353.9	0.17	0.7833	1
Rv1830	-	9	2	1.8	57.9	56.1	4.99	1	1
Rv1831	-	5	5	12004.4	11084.9	-919.5	-0.11	0.8845	1
Rv1832	gcvB	40	6	1.8	112.3	110.5	5.94	0.059	0.8118
Rv1833c	-	11	9	6709.3	4437.1	-2272.2	-0.6	0.6068	1
Rv1834	-	8	7	6255.8	4731.6	-1524.3	-0.4	0.6818	1
Rv1835c	-	28	26	48516.3	54120.7	5604.4	0.16	0.7393	1
Rv1836c	-	26	4	76	268.6	192.6	1.82	0.4618	1
Rv1837c	glcB	18	5	3.7	47.4	43.7	3.7	0.0874	0.8839
Rv1838c	-	8	7	11640.2	14114.2	2474.1	0.28	0.7828	1
Rv1839c	-	1	1	762.5	487.2	-275.3	-0.65	1	1
Rv1840c	PE_PGRS34	13	5	15957.4	37276.3	21318.9	1.22	0.4079	1
Rv1841c	-	12	7	12210.9	15380	3169.2	0.33	0.594	1
Rv1842c	-	11	10	24597.3	8003.1	-16594.2	-1.62	0.2348	1
Rv1843c	guaB1	15	12	35769.7	49140.6	13370.9	0.46	0.4198	1
Rv1844c	gnd1	12	11	30731.5	18515.7	-12215.8	-0.73	0.3745	1
Rv1845c	-	11	4	1.8	131.7	129.8	6.17	0.1963	1
Rv1846c	-	3	3	3287	1205.8	-2081.3	-1.45	0.2655	1
Rv1847	-	5	5	43760.8	17301.6	-26459.2	-1.34	0.3763	1
Rv1848	ureA	2	2	857.4	679.3	-178.1	-0.34	0.9112	1
Rv1849	ureB	4	1	11	152.7	141.8	3.8	1	1
Rv1850	ureC	9	5	859.2	428.3	-430.9	-1	0.4856	1
Rv1851	ureF	2	2	147.4	28	-119.4	-2.4	0.1438	1
Rv1852	ureG	4	1	4995.2	7337	2341.8	0.55	1	1
Rv1853	ureD	3	2	2502.8	369.7	-2133.2	-2.76	0.084	0.8839
Rv1854c	ndh	12	1	0	26.3	26.3	3.72	1	1
Rv1855c	-	9	8	10982.4	10856.9	-125.5	-0.02	0.9739	1
Rv1856c	-	4	4	17149.9	13093.2	-4056.7	-0.39	0.6835	1
Rv1857	modA	3	2	3359.3	4522.3	1163.1	0.43	1	1
Rv1858	modB	14	11	115482.3	52610.9	-62871.5	-1.13	0.4978	1
Rv1859	modC	14	11	4547.2	11623.4	7076.2	1.35	0.8962	1
Rv1860	apa	13	11	3184.8	1787.3	-1397.6	-0.83	0.3081	1
Rv1861	-	7	6	3272.2	1650.1	-1622.1	-0.99	0.4456	1
Rv1862	adhA	13	12	16609.3	16933.9	324.6	0.03	0.9531	1
Rv1863c	-	7	5	3978.8	7082.5	3103.8	0.83	0.4684	1
Rv1864c	-	8	8	7429.5	11215.9	3786.4	0.59	0.8937	1
Rv1865c	-	10	8	6093.2	7144.5	1051.3	0.23	0.7622	1
Rv1866	-	30	15	7941.4	20788.3	12846.8	1.39	0.3036	1
Rv1867	-	16	11	9996.4	4737.1	-5259.3	-1.08	0.1289	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1868	-	20	14	14465.3	17718.1	3252.8	0.29	0.9564	1
Rv1869c	-	20	17	16746.8	6756.7	-9990.1	-1.31	0.0076	0.3407
Rv1870c	-	8	6	12501.8	10620.2	-1881.6	-0.24	0.823	1
Rv1871c	-	8	7	11124.6	14778.6	3654	0.41	0.7223	1
Rv1872c	lldD2	10	5	49199.8	51931.2	2731.4	0.08	0.8974	1
Rv1873	-	7	4	5523.6	4342.1	-1181.5	-0.35	0.6536	1
Rv1874	-	10	9	19286.5	19711.7	425.2	0.03	0.9512	1
Rv1875	-	3	3	2579.7	1274.4	-1305.2	-1.02	0.2427	1
Rv1876	bfrA	7	7	5357.9	8405.8	3047.9	0.65	0.8437	1
Rv1877	-	22	21	24313.5	37331	13017.5	0.62	0.169	1
Rv1878	glnA3	20	13	6517.5	9758.5	3241	0.58	0.5581	1
Rv1879	-	15	11	8378.2	4303.1	-4075.1	-0.96	0.1149	0.973
Rv1880c	cyp140	13	9	2924.5	6285.9	3361.5	1.1	0.1881	1
Rv1881c	lppE	7	6	11700.2	35920.2	24219.9	1.62	0.1099	0.9637
Rv1882c	-	11	10	20379.3	24558.1	4178.8	0.27	0.8064	1
Rv1883c	-	6	5	1539.5	2236.7	697.2	0.54	0.6236	1
Rv1884c	rpfC	1	1	108	84.3	-23.7	-0.36	0.6669	1
Rv1885c	-	7	6	1972.3	713.2	-1259.1	-1.47	0.1554	1
Rv1886c	fbpB	21	21	89121.1	45126.1	-43995	-0.98	0.0716	0.8657
Rv1887	-	19	14	52545.1	27163.9	-25381.1	-0.95	0.2002	1
Rv1888A	-	0	0	0	0	0	0	1	1
Rv1888c	-	11	10	8166.7	9425.5	1258.7	0.21	0.8265	1
Rv1889c	-	2	1	201.2	0	-201.2	-6.65	1	1
Rv1890c	-	6	4	3619.6	20897.7	17278.2	2.53	0.1971	1
Rv1891	-	7	7	3013.5	5243.5	2230	0.8	0.9364	1
Rv1892	-	4	4	11264.4	14682.7	3418.4	0.38	0.7952	1
Rv1893	-	0	0	0	0	0	0	1	1
Rv1894c	-	9	7	11429.9	8432.5	-2997.3	-0.44	0.6433	1
Rv1895	-	10	8	5454.6	3604.1	-1850.5	-0.6	0.5482	1
Rv1896c	-	16	12	5497	4718.9	-778.1	-0.22	0.8067	1
Rv1897c	-	3	3	712.8	96.5	-616.3	-2.88	0.1009	0.9359
Rv1898	-	1	1	231	22.7	-208.2	-3.34	0.3405	1
Rv1899c	lppD	8	7	7423.5	7066	-357.5	-0.07	0.9332	1
Rv1900c	lipJ	17	15	5574.4	6629.2	1054.8	0.25	0.9915	1
Rv1901	cinA	16	14	29262.8	37502.1	8239.3	0.36	0.5148	1
Rv1902c	nanT	27	21	19291.9	34599.4	15307.5	0.84	0.257	1
Rv1903	-	5	4	14273.8	35690.3	21416.5	1.32	0.3937	1
Rv1904	-	8	6	4678	4527.4	-150.6	-0.05	0.9571	1
Rv1905c	aao	14	12	18879.9	17760	-1119.9	-0.09	0.8662	1
Rv1906c	-	9	7	3010.8	4529.7	1519	0.59	0.534	1
Rv1907c	-	10	6	5462.3	7276.6	1814.3	0.41	0.6198	1
Rv1908c	katG	27	4	148.1	89.5	-58.6	-0.73	0.8799	1
Rv1909c	furA	8	4	810.4	1807.6	997.2	1.16	0.9902	1
Rv1910c	-	10	8	2962	3667.3	705.3	0.31	0.7091	1
Rv1911c	lppC	6	4	2631.5	736.4	-1895.1	-1.84	0.2478	1
Rv1912c	fadB5	11	7	3171	3202.1	31	0.01	0.9855	1
Rv1913	-	9	7	1361.4	837.3	-524.1	-0.7	0.539	1
Rv1914c	-	4	3	1489.5	1170.8	-318.7	-0.35	0.6341	1
Rv1915	aceAa	18	16	25334.4	24592.2	-742.2	-0.04	0.935	1
Rv1916	aceAb	14	13	32894	13028.4	-19865.6	-1.34	0.4327	1
Rv1917c	PPE34	107	74	58547.6	72506.5	13958.9	0.31	0.5028	1
Rv1918c	PPE35	63	35	22149.8	20592.2	-1557.6	-0.11	0.82	1
Rv1919c	-	7	5	9814.6	11231.1	1416.5	0.19	0.973	1
Rv1920	-	8	8	4407.9	4357.2	-50.7	-0.02	0.9901	1
Rv1921c	lppF	20	16	47306.8	25714.5	-21592.3	-0.88	0.3855	1
Rv1922	-	18	15	17985.7	30882.4	12896.6	0.78	0.409	1
Rv1923	lipD	23	21	19888	27705.5	7817.5	0.48	0.3096	1
Rv1924c	-	8	7	16199.9	13953.4	-2246.5	-0.22	0.8656	1
Rv1925	fadD31	30	17	7853.4	3933.6	-3919.8	-1	0.2296	1
Rv1926c	mpt63	6	5	1691.6	1446.9	-244.7	-0.23	0.8067	1
Rv1927	-	15	12	15110.2	12790	-2320.2	-0.24	0.6664	1
Rv1928c	-	14	11	15438.6	16730.1	1291.5	0.12	0.8414	1
Rv1929c	-	8	6	1208.3	603.1	-605.2	-1	0.2786	1
Rv1930c	-	2	1	341.6	507.3	165.7	0.57	1	1
Rv1931c	-	2	2	100.9	100.1	-0.8	-0.01	1	1
Rv1932	tpx	5	4	1392.7	185.5	-1207.2	-2.91	0.1433	1
Rv1933c	fadE18	7	4	1646.6	2406.8	760.2	0.55	0.6106	1
Rv1934c	fadE17	10	8	4485	3806.9	-678.1	-0.24	0.8309	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv1935c	echA13	8	6	2868.4	7168.6	4300.2	1.32	0.4965	1
Rv1936	-	12	10	8427.5	10922.2	2494.7	0.37	0.7297	1
Rv1937	-	35	25	7180.1	20236.5	13056.4	1.49	0.1308	1
Rv1938	ephB	14	10	4116.7	3478.1	-638.7	-0.24	0.7743	1
Rv1939	-	4	2	279.8	435.7	156	0.64	0.5512	1
Rv1940	ribA1	6	5	532	821.7	289.7	0.63	0.9929	1
Rv1941	-	3	2	2273.1	3738.7	1465.6	0.72	0.859	1
Rv1942c	-	2	0	0	0	0	0	1	1
Rv1943c	-	9	4	830.4	541.8	-288.6	-0.62	0.3984	1
Rv1944c	-	5	4	1179.7	96.2	-1083.4	-3.62	0.0874	0.8839
Rv1945	-	15	13	5259.5	4301	-958.5	-0.29	0.5492	1
Rv1946c	lppG	6	4	2413.2	2556.8	143.7	0.08	0.9499	1
Rv1947	-	3	2	1096.6	52.9	-1043.7	-4.37	0.1383	1
Rv1948c	-	13	12	3189.7	3567.2	377.5	0.16	0.7853	1
Rv1949c	-	16	13	6450.1	7976	1525.9	0.31	0.6234	1
Rv1950c	-	4	4	3282.7	645.7	-2637	-2.35	0.0263	0.5985
Rv1951c	-	2	2	1375.1	1256.3	-118.8	-0.13	0.8968	1
Rv1952	-	2	2	369.2	114	-255.2	-1.7	0.2861	1
Rv1953	-	3	2	2006.1	573.9	-1432.2	-1.81	0.0247	0.5973
Rv1954c	-	6	6	17792.2	14868	-2924.2	-0.26	0.7456	1
Rv1955	-	8	5	5259.1	3863	-1396.1	-0.45	0.7179	1
Rv1956	-	8	6	2594.6	2469.4	-125.2	-0.07	0.9431	1
Rv1957	-	12	5	508.6	121.1	-387.4	-2.07	0.3099	1
Rv1958c	-	7	5	2616.9	688.1	-1928.8	-1.93	0.1692	1
Rv1959c	-	5	4	2590.2	1878.5	-711.7	-0.46	0.6186	1
Rv1960c	-	2	1	2	11.7	9.7	2.55	1	1
Rv1961	-	7	6	3998.2	3457.7	-540.5	-0.21	0.8149	1
Rv1962c	-	11	9	3752	1723.4	-2028.6	-1.12	0.2849	1
Rv1963c	mce3R	13	8	312.9	358.2	45.2	0.19	0.9128	1
Rv1964	yrbE3A	4	4	11499.1	16487.3	4988.2	0.52	0.4904	1
Rv1965	yrbE3B	10	7	4619.9	11283.9	6664	1.29	0.4826	1
Rv1966	mce3A	14	12	8278	8968	690	0.12	0.885	1
Rv1967	mce3B	7	6	14780.2	6282.4	-8497.8	-1.23	0.373	1
Rv1968	mce3C	9	4	16221.3	11005.4	-5215.9	-0.56	0.6373	1
Rv1969	mce3D	7	7	1528.6	491.3	-1037.3	-1.64	0.1301	1
Rv1970	lprM	4	2	218.8	1256.8	1038	2.52	0.9161	1
Rv1971	mce3F	13	11	12295.2	12604.2	309	0.04	0.9628	1
Rv1972	-	4	3	8521.1	10647.7	2126.6	0.32	0.8167	1
Rv1973	-	3	3	3260	3883.2	623.2	0.25	0.8565	1
Rv1974	-	8	7	1891.1	9553.1	7662	2.34	0.4139	1
Rv1975	-	9	7	15798.2	14896.6	-901.6	-0.08	0.901	1
Rv1976c	-	2	2	1363.3	774.8	-588.5	-0.82	0.914	1
Rv1977	-	9	9	11211.9	6204.7	-5007.2	-0.85	0.2372	1
Rv1978	-	12	11	10165.5	11805.6	1640.1	0.22	0.6896	1
Rv1979c	-	24	20	19893.8	17208.6	-2685.1	-0.21	0.686	1
Rv1980c	mpt64	17	15	46609.7	24904.6	-21705.1	-0.9	0.203	1
Rv1981c	nrdF	21	21	36391.3	44141.6	7750.3	0.28	0.6382	1
Rv1982c	-	4	3	12091.3	8173.8	-3917.4	-0.56	0.5478	1
Rv1983	PE_PGRS35	20	17	23405.8	29790.6	6384.8	0.35	0.5386	1
Rv1984c	cfp21	13	13	26880.1	27303	422.9	0.02	0.9733	1
Rv1985c	-	12	10	4882	5120.3	238.4	0.07	0.9313	1
Rv1986	-	8	6	35339.9	21564.1	-13775.8	-0.71	0.5684	1
Rv1987	-	5	3	3287.4	5289.7	2002.4	0.69	0.2996	1
Rv1988	-	6	6	2915.6	1537.5	-1378.1	-0.92	0.3617	1
Rv1989c	-	6	6	7350	11165.7	3815.6	0.6	0.7167	1
Rv1990A	-	3	3	6173.1	6033.9	-139.2	-0.03	0.9694	1
Rv1990c	-	4	0	0	0	0	0	1	1
Rv1991c	-	3	3	4270.7	6061.1	1790.5	0.51	0.8943	1
Rv1992c	ctpG	25	22	27721.6	36197.9	8476.3	0.38	0.6011	1
Rv1993c	-	2	1	176.9	1739.8	1562.9	3.3	1	1
Rv1994c	-	6	2	1287.6	503.8	-783.8	-1.35	0.3199	1
Rv1995	-	6	5	28257.9	19285.5	-8972.4	-0.55	0.6728	1
Rv1996	-	12	10	29380.6	23545.8	-5834.8	-0.32	0.6966	1
Rv1997	ctpF	20	16	9361.3	11499.8	2138.5	0.3	0.7776	1
Rv1998c	-	15	10	2007.5	1004.2	-1003.3	-1	0.3282	1
Rv1999c	-	18	15	7393.9	5417.8	-1976	-0.45	0.5274	1
Rv2000	-	28	23	36402	34433.8	-1968.3	-0.08	0.8959	1
Rv2001	-	10	7	3488	4529.3	1041.3	0.38	0.9813	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2002	fabG3	6	6	560.3	584.9	24.6	0.06	0.9477	1
Rv2003c	-	11	6	2053.5	4258.2	2204.7	1.05	0.6739	1
Rv2004c	-	20	11	3297	2448.3	-848.7	-0.43	0.6125	1
Rv2005c	-	8	5	1473.2	3809.9	2336.8	1.37	0.4671	1
Rv2006	otsB1	66	39	10478.2	7089.8	-3388.5	-0.56	0.3161	1
Rv2007c	fdxA	6	4	260.3	163.3	-97	-0.67	0.5715	1
Rv2008c	-	19	12	2888.5	1048.6	-1839.9	-1.46	0.0452	0.699
Rv2009	-	1	1	737.4	324.7	-412.7	-1.18	0.3332	1
Rv2010	-	5	4	59546.1	31689.8	-27856.3	-0.91	0.5718	1
Rv2011c	-	3	2	136	0	-136	-6.09	0.0274	0.5985
Rv2012	-	6	5	1663.7	1195.7	-468	-0.48	0.709	1
Rv2013	-	1	0	0	0	0	0	1	1
Rv2014	-	2	2	1087.9	1571.6	483.6	0.53	0.9113	1
Rv2015c	-	8	7	3640.8	7998.7	4357.9	1.14	0.1834	1
Rv2016	-	6	5	2443.3	2057.6	-385.7	-0.25	0.7426	1
Rv2017	-	9	0	0	0	0	0	1	1
Rv2018	-	12	5	596.5	805.9	209.4	0.43	0.6717	1
Rv2019	-	5	5	8241.4	12716.1	4474.7	0.63	0.5703	1
Rv2020c	-	3	2	3025.6	799.4	-2226.2	-1.92	0.2885	1
Rv2021c	-	3	2	6601.3	2372.2	-4229.1	-1.48	0.3407	1
Rv2022c	-	10	8	4678	6480.5	1802.4	0.47	0.5388	1
Rv2023c	-	2	2	724.1	512.3	-211.7	-0.5	0.6003	1
Rv2024c	-	8	7	14528.1	7027.9	-7500.1	-1.05	0.033	0.6124
Rv2025c	-	9	7	2687.9	2912.2	224.3	0.12	0.9639	1
Rv2026c	-	7	3	107.8	5.3	-102.6	-4.36	0.7272	1
Rv2027c	-	9	9	2415.8	1419.8	-996	-0.77	0.4195	1
Rv2028c	-	9	4	3049.5	1703.2	-1346.2	-0.84	0.3834	1
Rv2029c	pfkB	7	6	791.8	219.1	-572.8	-1.85	0.0557	0.7909
Rv2030c	-	28	18	12171	19230.2	7059.2	0.66	0.3118	1
Rv2031c	hspX	8	7	2065.2	1305.8	-759.5	-0.66	0.5039	1
Rv2032	acg	17	13	1521.5	3144.7	1623.2	1.05	0.4725	1
Rv2033c	-	7	7	2992.4	2907.5	-84.9	-0.04	0.9531	1
Rv2034	-	1	1	55.9	5.3	-50.6	-3.41	0.6668	1
Rv2035	-	7	6	1848.2	793.2	-1055	-1.22	0.2062	1
Rv2036	-	6	4	1223.3	872.5	-350.8	-0.49	0.5497	1
Rv2037c	-	13	10	1247.6	4041.9	2794.3	1.7	0.1423	1
Rv2038c	-	14	7	1548.7	380.4	-1168.3	-2.03	0.1678	1
Rv2039c	-	12	6	420.7	8.4	-412.3	-5.65	0.0102	0.399
Rv2040c	-	14	4	731.3	276.5	-454.8	-1.4	0.2882	1
Rv2041c	-	18	13	2720.8	227	-2493.8	-3.58	0	0
Rv2042c	-	14	9	1268	2761.4	1493.3	1.12	0.8337	1
Rv2043c	pncA	9	7	3057.9	1218.2	-1839.7	-1.33	0.1103	0.9651
Rv2044c	-	6	5	1047.1	1505	457.9	0.52	0.7883	1
Rv2045c	lipT	23	17	8264.1	11461.8	3197.7	0.47	0.5624	1
Rv2046	lppI	9	7	6270	5707	-563	-0.14	0.8826	1
Rv2047c	-	23	20	3659.4	1467.4	-2192	-1.32	0.05	0.7389
Rv2048c	pks12	108	45	16313.6	18898.1	2584.4	0.21	0.7614	1
Rv2049c	-	1	1	38	3397.3	3359.3	6.48	1	1
Rv2050	-	3	0	0	0	0	0	1	1
Rv2051c	ppm1	28	10	924.2	57	-867.2	-4.02	0.0123	0.4382
Rv2052c	-	17	14	10038.1	23725.6	13687.6	1.24	0.1931	1
Rv2053c	fxsA	3	2	6483.9	6358.6	-125.3	-0.03	0.9419	1
Rv2054	-	14	13	57134.1	35040.5	-22093.6	-0.71	0.4974	1
Rv2055c	rpsR	3	2	330	161.4	-168.7	-1.03	0.5435	1
Rv2056c	rpsN	2	2	748.3	260.2	-488	-1.52	0.6327	1
Rv2057c	rpmG	4	4	2503.9	4271.5	1767.5	0.77	0.6066	1
Rv2058c	rpmB	5	4	5709.5	4627	-1082.5	-0.3	0.7276	1
Rv2059	-	16	13	21679.3	22830.8	1151.6	0.07	0.9155	1
Rv2060	-	2	2	12016.4	7287.8	-4728.6	-0.72	0.5133	1
Rv2061c	-	4	3	4270	8161.5	3891.5	0.93	0.7278	1
Rv2062c	cobN	39	19	5306.9	12538.3	7231.3	1.24	0.2544	1
Rv2063	-	1	0	0	0	0	0	1	1
Rv2064	cobG	7	1	193.4	42.1	-151.3	-2.2	0.6657	1
Rv2065	cobH	4	3	1060.6	4123.1	3062.5	1.96	0.4462	1
Rv2066	cobI	17	14	25169.4	21858.1	-3311.2	-0.2	0.726	1
Rv2067c	-	26	18	5308.2	9515	4206.8	0.84	0.3018	1
Rv2068c	blaC	11	10	11451.7	9395.4	-2056.3	-0.29	0.6271	1
Rv2069	sigC	8	7	818.5	275.1	-543.4	-1.57	0.0824	0.8839

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2070c	cobK	14	8	16636	22085.9	5449.9	0.41	0.6696	1
Rv2071c	cobM	11	4	3508.8	748.7	-2760.2	-2.23	0.0692	0.8496
Rv2072c	cobL	9	8	2686.5	3429.3	742.9	0.35	0.9959	1
Rv2073c	-	8	7	6773.8	5635.7	-1138.2	-0.27	0.7449	1
Rv2074	-	5	3	1468.1	9722.5	8254.4	2.73	0.4036	1
Rv2075c	-	18	16	13989.1	14456.1	467.1	0.05	0.928	1
Rv2076c	-	5	5	643.3	2762.5	2119.2	2.1	0.1152	0.973
Rv2077A	-	5	4	1022	507.6	-514.4	-1.01	0.456	1
Rv2077c	-	17	16	30117.2	39485.4	9368.2	0.39	0.6134	1
Rv2078	-	2	2	591.9	1215.8	623.9	1.04	0.8868	1
Rv2079	-	26	12	11036.3	20914.2	9878	0.92	0.4928	1
Rv2080	lppJ	8	8	13653.4	14239.3	585.9	0.06	0.9544	1
Rv2081c	-	5	5	7847.5	6708.1	-1139.5	-0.23	0.6786	1
Rv2082	-	24	20	10293.9	22907.3	12613.4	1.15	0.0977	0.9326
Rv2083	-	3	3	2776.7	1154.3	-1622.5	-1.27	0.5495	1
Rv2084	-	20	16	7073.4	8223.8	1150.4	0.22	0.6686	1
Rv2085	-	2	0	0	0	0	0	1	1
Rv2086	-	8	7	2570.6	5710.8	3140.3	1.15	0.692	1
Rv2087	-	3	1	275.2	1098.8	823.5	2	1	1
Rv2088	pknJ	19	12	1180.5	5945.6	4765.1	2.33	0.8042	1
Rv2089c	pepE	16	6	1381.2	1571.6	190.4	0.19	0.9405	1
Rv2090	-	12	9	4079.3	2271.3	-1808	-0.84	0.3261	1
Rv2091c	-	16	16	3998.9	5993.7	1994.8	0.58	0.5152	1
Rv2092c	helY	31	23	30599.4	18071.1	-12528.3	-0.76	0.1267	0.9971
Rv2093c	tatC	9	2	0	52.7	52.7	4.72	0.4288	1
Rv2094c	tatA	2	0	0	0	0	0	1	1
Rv2095c	-	12	10	4214.2	2285.3	-1928.9	-0.88	0.0614	0.8277
Rv2096c	-	11	6	829	400.3	-428.7	-1.05	0.4192	1
Rv2097c	-	16	6	605.7	5	-600.6	-6.91	0.0287	0.5985
Rv2100	-	13	11	3090.8	4516.5	1425.6	0.55	0.6088	1
Rv2101	helZ	24	19	32215.3	42983.7	10768.4	0.42	0.4853	1
Rv2102	-	10	10	8580.4	8514	-66.4	-0.01	0.9866	1
Rv2103c	-	4	4	16563.3	8436.1	-8127.2	-0.97	0.4052	1
Rv2104c	-	0	0	0	0	0	0	1	1
Rv2105	-	3	3	2773.9	2120.1	-653.8	-0.39	0.5915	1
Rv2106	-	17	16	9276.9	11691.3	2414.4	0.33	0.5116	1
Rv2107	PE22	8	8	1198	2110.5	912.5	0.82	0.4894	1
Rv2108	PPE36	16	16	21466.4	32267	10800.6	0.59	0.2657	1
Rv2109c	prcA	15	2	0	12.2	12.2	2.61	0.427	1
Rv2110c	prcB	14	0	0	0	0	0	1	1
Rv2111c	-	1	1	0	42.1	42.1	4.4	1	1
Rv2112c	-	23	9	285.4	121.1	-164.3	-1.24	0.2947	1
Rv2113	-	7	7	13286	12967.5	-318.5	-0.04	0.9648	1
Rv2114	-	8	7	23719.9	13180.7	-10539.2	-0.85	0.256	1
Rv2115c	-	17	11	298.6	171.7	-127	-0.8	0.5257	1
Rv2116	lppK	2	2	1938.1	178.6	-1759.5	-3.44	0.3448	1
Rv2117	-	2	2	772	382.4	-389.6	-1.01	0.4517	1
Rv2118c	-	10	9	22762.7	13166	-9596.7	-0.79	0.2608	1
Rv2119	-	17	14	10688.3	13016.8	2328.5	0.28	0.8123	1
Rv2120c	-	6	3	1489.6	2232.4	742.8	0.58	0.8488	1
Rv2121c	hisG	6	0	0	0	0	0	1	1
Rv2122c	hisE	2	0	0	0	0	0	1	1
Rv2123	PPE37	20	13	6699.8	6601	-98.7	-0.02	0.9844	1
Rv2124c	metH	31	17	4503	9792.9	5289.9	1.12	0.399	1
Rv2125	-	8	7	6003.7	5905.4	-98.3	-0.02	0.9967	1
Rv2126c	PE_PGRS37	3	2	865.9	334.9	-531	-1.37	0.2096	1
Rv2127	ansP1	18	17	75513.2	20785.4	-54727.8	-1.86	0.3009	1
Rv2128	-	6	6	3369.3	3412.6	43.3	0.02	0.9934	1
Rv2129c	-	10	7	7492.6	7538.1	45.6	0.01	0.9952	1
Rv2130c	cysS	16	1	0	15.8	15.8	2.98	1	1
Rv2131c	cysQ	8	8	4056.6	313.9	-3742.7	-3.69	0	0
Rv2132	-	2	2	10429.5	8743.7	-1685.7	-0.25	0.8575	1
Rv2133c	-	8	8	3605.7	2475.6	-1130.1	-0.54	0.2905	1
Rv2134c	-	5	3	153.5	365.6	212.1	1.25	0.8522	1
Rv2135c	-	4	1	106.1	0	-106.1	-5.73	1	1
Rv2136c	uppP	11	8	17906.8	20460	2553.3	0.19	0.7998	1
Rv2137c	-	6	5	2473.1	5599.3	3126.2	1.18	0.5126	1
Rv2138	lppL	13	1	1	5.3	4.3	2.4	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2139	pyrD	8	3	0	68.5	68.5	5.1	0.1799	1
Rv2140c	TB18.6	8	6	1228.8	207.3	-1021.5	-2.57	0.121	0.9813
Rv2141c	-	14	12	8227.1	5453	-2774	-0.59	0.2372	1
Rv2142c	-	10	8	18481.8	25025.7	6543.9	0.44	0.5549	1
Rv2143	-	11	11	10784.1	8873.4	-1910.7	-0.28	0.7626	1
Rv2144c	-	4	4	390.7	1408.8	1018.1	1.85	0.5722	1
Rv2145c	wag31	7	2	0	52.7	52.7	4.72	0.4328	1
Rv2146c	-	1	1	1798.9	465.9	-1333	-1.95	0.338	1
Rv2147c	-	9	3	0	42.1	42.1	4.4	0.1792	1
Rv2148c	-	3	3	2140.4	1035.5	-1104.9	-1.05	0.2171	1
Rv2149c	yfiH	5	4	7861.4	4570.6	-3290.8	-0.78	0.4295	1
Rv2150c	ftsZ	6	0	0	0	0	0	1	1
Rv2151c	ftsQ	4	0	0	0	0	0	1	1
Rv2152c	murC	13	1	0	5.3	5.3	1.4	1	1
Rv2153c	murG	12	4	1	42.1	41.1	5.4	0.1959	1
Rv2154c	ftsW	13	3	19497.5	11726.5	-7771	-0.73	0.6923	1
Rv2155c	murD	14	0	0	0	0	0	1	1
Rv2156c	mraY	5	0	0	0	0	0	1	1
Rv2157c	murF	7	0	0	0	0	0	1	1
Rv2158c	murE	10	1	0	47.4	47.4	4.57	1	1
Rv2159c	-	4	4	5479.8	2134.2	-3345.6	-1.36	0.0225	0.5646
Rv2160A	-	3	2	1081.8	1621.1	539.3	0.58	0.6314	1
Rv2160c	-	2	1	23.6	296.9	273.3	3.65	0.3287	1
Rv2161c	-	6	6	55551.7	19215.6	-36336.1	-1.53	0.4365	1
Rv2162c	PE_PGRS38	10	8	520.1	614.4	94.3	0.24	0.7593	1
Rv2163c	pbpB	28	1	0	5.3	5.3	1.4	1	1
Rv2164c	-	9	1	0	36.9	36.9	4.2	1	1
Rv2165c	mraW	14	1	3	0	-3	-0.58	1	1
Rv2166c	-	7	0	0	0	0	0	1	1
Rv2167c	-	21	20	17494	18417.4	923.4	0.07	0.875	1
Rv2168c	-	3	3	2640.3	2124.9	-515.4	-0.31	0.6819	1
Rv2169c	-	4	1	0	36.9	36.9	4.2	1	1
Rv2170	-	10	4	617.5	107.3	-510.2	-2.53	0.0636	0.8304
Rv2171	lppM	8	6	454.9	136.9	-317.9	-1.73	0.0962	0.9249
Rv2172c	-	12	5	0	110.6	110.6	5.79	0.032	0.6032
Rv2173	idsA2	15	9	16604	17947.1	1343.1	0.11	0.9249	1
Rv2174	-	18	1	0	5.3	5.3	1.4	1	1
Rv2175c	-	4	3	2793.6	1861.5	-932.1	-0.59	0.3931	1
Rv2176	pknL	20	15	7322.7	8496.9	1174.2	0.21	0.8895	1
Rv2177c	-	5	4	1390.3	1339.3	-51	-0.05	0.9485	1
Rv2178c	aroG	15	1	0	15.8	15.8	2.98	1	1
Rv2179c	-	2	0	0	0	0	0	1	1
Rv2180c	-	8	7	3413.3	3616.3	203	0.08	0.9397	1
Rv2181	-	16	15	40078.4	76353.1	36274.6	0.93	0.1495	1
Rv2182c	-	13	2	1.8	73.7	71.9	5.33	0.4244	1
Rv2183c	-	4	4	4450	5467	1017	0.3	0.8832	1
Rv2184c	-	13	11	15452.2	8273.3	-7178.9	-0.9	0.325	1
Rv2185c	TB16.3	11	9	13100.6	6824.9	-6275.6	-0.94	0.4126	1
Rv2186c	-	7	1	0	5.3	5.3	1.4	1	1
Rv2187	fadD15	29	24	15550.5	12391.3	-3159.2	-0.33	0.4822	1
Rv2188c	-	13	2	1	5.3	4.3	2.4	1	1
Rv2189c	-	10	5	4208.4	5812.4	1603.9	0.47	0.7352	1
Rv2190c	-	15	2	45	21.1	-23.9	-1.09	1	1
Rv2191	-	24	17	20764.9	21265.6	500.8	0.03	0.9529	1
Rv2192c	trpD	7	0	0	0	0	0	1	1
Rv2193	ctaE	11	0	0	0	0	0	1	1
Rv2194	qcrC	8	2	1	36.9	35.9	5.2	1	1
Rv2195	qcrA	17	2	26.3	66.6	40.2	1.34	0.3762	1
Rv2196	qcrB	25	3	5.5	5.3	-0.2	-0.06	1	1
Rv2197c	-	9	7	7638.4	2999.5	-4639	-1.35	0.015	0.4775
Rv2198c	mmpS3	12	5	14.6	36.9	22.2	1.33	0.455	1
Rv2199c	-	6	3	1927.5	438.4	-1489.2	-2.14	0.083	0.8839
Rv2200c	ctaC	17	4	2.8	63.2	60.4	4.48	0.1994	1
Rv2201	asnB	22	0	0	0	0	0	1	1
Rv2202c	cbhK	13	2	0	26.3	26.3	3.72	0.427	1
Rv2203	-	12	10	3695.8	12033.5	8337.7	1.7	0.0447	0.694
Rv2204c	-	4	0	0	0	0	0	1	1
Rv2205c	-	8	6	11356.9	9958.1	-1398.8	-0.19	0.821	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2206	-	6	4	15573.3	2727.8	-12845.5	-2.51	0.0614	0.8277
Rv2207	cobT	8	3	58.7	0	-58.7	-4.88	0.0624	0.8304
Rv2208	cobS	8	6	1798	1534.2	-263.8	-0.23	0.8312	1
Rv2209	-	18	16	13042.7	8855.6	-4187.1	-0.56	0.3094	1
Rv2210c	ilvE	15	1	1.8	0	-1.8	0.13	1	1
Rv2211c	gcvT	15	3	2	15.8	13.8	2.98	1	1
Rv2212	-	8	6	77492.3	31680.6	-45811.7	-1.29	0.4572	1
Rv2213	pepB	11	7	3063.6	2259.4	-804.1	-0.44	0.6824	1
Rv2214c	ephD	23	18	15930.9	20209.7	4278.8	0.34	0.7422	1
Rv2215	dlaT	10	0	0	0	0	0	1	1
Rv2216	-	8	6	2230.9	2317.4	86.5	0.05	0.9593	1
Rv2217	lipB	7	1	0	21.1	21.1	3.4	1	1
Rv2218	lipA	8	0	0	0	0	0	1	1
Rv2219	-	6	1	0	42.1	42.1	4.4	1	1
Rv2219A	-	1	1	27.4	0	-27.4	-3.78	1	1
Rv2220	glnA1	21	5	1.8	68.5	66.6	5.23	0.0868	0.8839
Rv2221c	glnE	31	7	7	131.7	124.7	4.23	0.0209	0.5597
Rv2222c	glnA2	14	13	2633.7	475.5	-2158.2	-2.47	0.0008	0.0602
Rv2223c	-	26	23	42821.1	44143.2	1322.1	0.04	0.9477	1
Rv2224c	-	21	12	2265	12.2	-2252.8	-7.54	0	0
Rv2225	panB	7	7	19949.7	35869.7	15920	0.85	0.3404	1
Rv2226	-	17	11	13508.6	15810.6	2302	0.23	0.8961	1
Rv2227	-	15	7	1476.2	449.4	-1026.9	-1.72	0.0679	0.8362
Rv2228c	-	12	2	1.8	26.3	24.5	3.85	1	1
Rv2229c	-	2	0	0	0	0	0	1	1
Rv2230c	-	12	6	1061.2	2292.9	1231.7	1.11	0.9831	1
Rv2231c	cobC	11	10	1010.7	47.4	-963.3	-4.41	0.0005	0.0416
Rv2232	-	8	6	3090.4	3212.9	122.5	0.06	0.9492	1
Rv2234	ptpA	7	4	391.8	747.9	356.2	0.93	0.9786	1
Rv2235	-	12	1	0	73.7	73.7	5.2	1	1
Rv2236c	cobD	8	3	261.4	152.7	-108.6	-0.78	0.6291	1
Rv2237	-	12	9	3738.2	9094.6	5356.4	1.28	0.2193	1
Rv2238c	ahpE	3	1	4	0	-4	-1	1	1
Rv2239c	-	3	1	40.2	0	-40.2	-4.33	1	1
Rv2240c	-	6	6	8807.8	9399.9	592.1	0.09	0.9292	1
Rv2241	aceE	48	28	1323.6	226.5	-1097.1	-2.55	0.0007	0.0548
Rv2242	-	10	0	0	0	0	0	1	1
Rv2243	fabD	3	0	0	0	0	0	1	1
Rv2244	acpP	6	0	0	0	0	0	1	1
Rv2245	kasA	9	1	0	21.1	21.1	3.4	1	1
Rv2246	kasB	11	2	1	15.8	14.8	3.98	0.4266	1
Rv2247	accD6	11	3	0	36.9	36.9	4.2	0.1797	1
Rv2248	-	11	8	1521.5	1747	225.5	0.2	0.7979	1
Rv2249c	glpD1	14	6	1967.5	983.3	-984.2	-1	0.4534	1
Rv2250A	-	2	1	13.1	0	-13.1	-2.72	0.3334	1
Rv2250c	-	6	5	42961.6	34921.7	-8039.8	-0.3	0.7809	1
Rv2251	-	6	3	647.7	203.5	-444.2	-1.67	0.1227	0.9863
Rv2252	-	14	6	990.4	456.1	-534.3	-1.12	0.3127	1
Rv2253	-	8	5	1723.6	1128.4	-595.2	-0.61	0.4727	1
Rv2254c	-	5	4	1345.8	2997.5	1651.7	1.16	0.8822	1
Rv2255c	-	1	1	119.9	15.8	-104.1	-2.92	0.3364	1
Rv2256c	-	5	0	0	0	0	0	1	1
Rv2257c	-	5	4	228.3	129.1	-99.2	-0.82	0.4577	1
Rv2258c	-	11	10	6677.6	1899.5	-4778.1	-1.81	0.025	0.5985
Rv2259	adhE2	11	5	281.3	0	-281.3	-7.14	0.0112	0.4216
Rv2260	-	3	3	663.1	126.4	-536.7	-2.39	0.0874	0.8839
Rv2261c	-	3	3	2208.3	1725.8	-482.5	-0.36	0.6781	1
Rv2262c	-	11	9	7399.7	12393.6	4993.9	0.74	0.303	1
Rv2263	-	8	7	5773.8	7919.7	2145.9	0.46	0.57	1
Rv2264c	-	19	14	7579.2	6466.7	-1112.5	-0.23	0.831	1
Rv2265	-	11	9	3455.2	6462	3006.8	0.9	0.9111	1
Rv2266	cyp124	13	9	4063.9	5063.2	999.3	0.32	0.8578	1
Rv2267c	-	31	24	8936.6	15350.6	6414	0.78	0.2152	1
Rv2268c	cyp128	22	10	1739	2345.1	606.1	0.43	0.6369	1
Rv2269c	-	9	7	1721	3006.4	1285.4	0.8	0.506	1
Rv2270	lppN	9	7	4263.9	4037	-226.9	-0.08	0.9094	1
Rv2271	-	3	3	5030	7749.6	2719.5	0.62	0.8306	1
Rv2272	-	3	1	215.8	0	-215.8	-6.75	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2273	-	4	3	1517.8	589.5	-928.4	-1.36	0.1679	1
Rv2274c	-	6	3	1495.3	844.4	-650.9	-0.82	0.3709	1
Rv2275	-	13	7	818.9	12.2	-806.7	-6.07	0	0
Rv2276	cyp121	16	9	2275.8	8303	6027.1	1.87	0.3997	1
Rv2277c	-	9	5	700.9	607.4	-93.5	-0.21	0.8462	1
Rv2278	-	3	3	2710.9	2212.3	-498.7	-0.29	0.6397	1
Rv2279	-	17	17	9398.1	12038.2	2640.2	0.36	0.4782	1
Rv2280	-	15	11	2520.3	1624.9	-895.4	-0.63	0.4142	1
Rv2281	pitB	20	16	5489.5	26159.5	20670	2.25	0.2724	1
Rv2282c	-	11	5	216.9	110.6	-106.3	-0.97	0.4667	1
Rv2283	-	1	1	146	10.5	-135.4	-3.79	0.3377	1
Rv2284	lipM	21	12	2902.3	2729.1	-173.2	-0.09	0.9853	1
Rv2285	-	17	12	15192.1	8377	-6815.1	-0.86	0.2624	1
Rv2286c	-	7	6	13570	8156.2	-5413.8	-0.73	0.4572	1
Rv2287	yjcE	14	11	5807.4	12370.6	6563.2	1.09	0.2326	1
Rv2288	-	4	4	314.3	1196.4	882.1	1.93	0.5363	1
Rv2289	cdh	19	14	16798.5	12141.7	-4656.8	-0.47	0.4162	1
Rv2290	lppO	10	7	2452.9	2834.5	381.5	0.21	0.8196	1
Rv2291	sseB	15	13	46054	18558.7	-27495.3	-1.31	0.2889	1
Rv2292c	-	2	2	394.1	61.3	-332.8	-2.68	0.6293	1
Rv2293c	-	11	11	8599	6335.1	-2263.9	-0.44	0.2959	1
Rv2294	-	17	16	19873.5	23844	3970.6	0.26	0.692	1
Rv2295	-	8	8	8723.8	3136.1	-5587.6	-1.48	0.1135	0.973
Rv2296	-	13	11	25104.7	22711.6	-2393	-0.14	0.842	1
Rv2297	-	7	5	2368.9	1643.4	-725.5	-0.53	0.6327	1
Rv2298	-	15	14	8931.9	10829.1	1897.1	0.28	0.7035	1
Rv2299c	htpG	22	17	6850.9	10049.2	3198.2	0.55	0.3333	1
Rv2300c	-	11	8	8564.7	9987	1422.3	0.22	0.8298	1
Rv2301	cut2	8	7	3358.3	1713.6	-1644.7	-0.97	0.1431	1
Rv2302	-	4	4	3981.4	4459.8	478.4	0.16	0.9262	1
Rv2303c	-	13	11	8688.1	8249.2	-438.9	-0.07	0.9418	1
Rv2304c	-	0	0	0	0	0	0	1	1
Rv2305	-	8	8	4557.8	7945.1	3387.3	0.8	0.3603	1
Rv2306A	-	6	5	26951.2	28726.3	1775.1	0.09	0.8667	1
Rv2306B	-	5	4	1366.3	7147.2	5780.9	2.39	0.9987	1
Rv2307A	-	2	2	6431.2	4730.6	-1700.6	-0.44	0.5617	1
Rv2307B	-	20	9	1728.7	6463.1	4734.4	1.9	0.3203	1
Rv2307c	-	15	11	14498.4	12004.3	-2494.1	-0.27	0.6716	1
Rv2307D	-	5	4	1970.7	1010.6	-960.2	-0.96	0.2175	1
Rv2308	-	13	12	24243.7	32361.6	8117.9	0.42	0.6297	1
Rv2309A	-	10	9	3173.8	1880.4	-1293.4	-0.76	0.4861	1
Rv2309c	-	6	6	7078.2	9370	2291.8	0.4	0.9114	1
Rv2310	-	2	2	1252.2	72.5	-1179.6	-4.11	0.4254	1
Rv2311	-	7	7	10398.1	8049.7	-2348.3	-0.37	0.7005	1
Rv2312	-	2	2	994.8	1083.1	88.3	0.12	0.9643	1
Rv2313c	-	7	7	13079.9	19877.1	6797.2	0.6	0.4435	1
Rv2314c	-	12	7	2171.5	1248.1	-923.4	-0.8	0.2376	1
Rv2315c	-	27	13	2501.9	3050.1	548.1	0.29	0.7857	1
Rv2316	uspA	9	6	3086.2	4525.9	1439.7	0.55	0.8777	1
Rv2317	uspB	11	7	12593.7	33340.2	20746.4	1.4	0.4027	1
Rv2318	uspC	26	12	4404.2	10612.6	6208.4	1.27	0.3553	1
Rv2319c	-	11	6	2628.3	436.9	-2191.4	-2.59	0.0152	0.4775
Rv2320c	rocE	23	21	13946	7611.5	-6334.5	-0.87	0.2425	1
Rv2321c	rocD2	5	4	1023.5	672.1	-351.4	-0.61	0.5803	1
Rv2322c	rocD1	6	2	131.7	26.3	-105.3	-2.32	1	1
Rv2323c	-	14	9	1987.5	1718.6	-268.9	-0.21	0.8777	1
Rv2324	-	2	2	330.2	174.3	-155.9	-0.92	0.4525	1
Rv2325c	-	4	1	721.1	2368.3	1647.2	1.72	1	1
Rv2326c	-	19	11	3012.7	3876.5	863.8	0.36	0.6481	1
Rv2327	-	4	3	217.3	752.8	535.4	1.79	0.9544	1
Rv2328	PE23	9	9	1783.6	3807.5	2024	1.09	0.3074	1
Rv2329c	narK1	24	23	17409	13268.4	-4140.6	-0.39	0.3657	1
Rv2330c	lppP	6	4	3724.6	1538.2	-2186.4	-1.28	0.2648	1
Rv2331	-	2	2	111.6	6.9	-104.6	-4.01	0.4353	1
Rv2331A	-	3	2	1469.4	1384.8	-84.5	-0.09	0.8865	1
Rv2332	mez	23	21	74662.7	113014.5	38351.8	0.6	0.5687	1
Rv2333c	-	12	11	6360.1	15564.3	9204.2	1.29	0.5557	1
Rv2334	cysK1	11	2	8	42.1	34.1	2.4	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2335	cysE	5	3	44.9	59.6	14.7	0.41	0.8504	1
Rv2336	-	22	18	6102.3	6122.9	20.6	0	0.9936	1
Rv2337c	-	5	5	8438	12764	4326	0.6	0.621	1
Rv2338c	moeW	31	11	3203.3	4488.7	1285.4	0.49	0.6626	1
Rv2339	mmpL9	65	39	22807.4	20805.9	-2001.5	-0.13	0.8019	1
Rv2340c	PE_PGRS39	9	8	6549.2	5309.7	-1239.5	-0.3	0.6703	1
Rv2341	lppQ	1	1	1720.6	525.1	-1195.6	-1.71	0.3284	1
Rv2342	-	3	2	62.9	89.5	26.6	0.51	1	1
Rv2343c	dnaG	17	3	0	94.8	94.8	5.57	0.1778	1
Rv2344c	dgt	20	13	4119.1	415.1	-3703.9	-3.31	0.0001	0.0114
Rv2345	-	23	23	41648.5	29944	-11704.5	-0.48	0.2009	1
Rv2346c	esxO	2	2	2748.2	2400.7	-347.5	-0.2	0.7777	1
Rv2347c	esxP	2	2	874	1931.4	1057.4	1.14	0.2323	1
Rv2348c	-	2	2	1696.6	3838.3	2141.7	1.18	0.7016	1
Rv2349c	plcC	18	15	25699.6	21811.1	-3888.5	-0.24	0.5482	1
Rv2350c	plcB	16	15	164174.9	274151	109976.1	0.74	0.6339	1
Rv2351c	plcA	21	17	35892.6	33618.8	-2273.7	-0.09	0.8859	1
Rv2352c	PPE38	13	13	31404.1	44009.4	12605.3	0.49	0.3717	1
Rv2353c	PPE39	18	11	2217.2	1510.2	-707	-0.55	0.543	1
Rv2354	-	3	3	2792.9	2146.2	-646.7	-0.38	0.5618	1
Rv2355	-	17	16	9207.2	11633.6	2426.4	0.34	0.507	1
Rv2356c	PPE40	23	18	33728.1	31765.1	-1963	-0.09	0.9213	1
Rv2357c	glyS	25	4	0	147.5	147.5	6.2	0.0761	0.876
Rv2358	-	3	1	3.7	3.4	-0.3	-0.13	1	1
Rv2359	furB	5	1	0	10.5	10.5	2.4	1	1
Rv2360c	-	4	3	1491.3	627.7	-863.6	-1.25	0.1978	1
Rv2361c	-	12	1	0	26.3	26.3	3.72	1	1
Rv2362c	recO	8	3	9	5.3	-3.7	-0.77	0.7208	1
Rv2363	amiA2	17	7	961.3	365.4	-596	-1.4	0.117	0.973
Rv2364c	era	14	1	0	5.3	5.3	1.4	1	1
Rv2365c	-	1	1	574.4	2911.1	2336.7	2.34	0.3323	1
Rv2366c	-	14	7	2822.9	2602.5	-220.5	-0.12	0.9138	1
Rv2367c	-	5	3	437.6	1557.3	1119.7	1.83	0.8753	1
Rv2368c	phoH1	16	15	15816.6	17549.5	1732.9	0.15	0.8231	1
Rv2369c	-	3	2	1489.4	826	-663.4	-0.85	0.1952	1
Rv2370c	-	14	11	5456.9	15574.7	10117.9	1.51	0.4617	1
Rv2371	PE_PGRS40	1	0	0	0	0	0	1	1
Rv2372c	-	3	2	9872.9	16237.4	6364.5	0.72	0.4845	1
Rv2373c	dnaJ2	6	0	0	0	0	0	1	1
Rv2374c	hrcA	18	14	19247	981.1	-18265.8	-4.29	0	0
Rv2375	-	7	7	2686.6	4407.4	1720.8	0.71	0.3421	1
Rv2376c	cfp2	1	1	1112.5	2943.2	1830.6	1.4	0.6621	1
Rv2377c	mbtH	2	1	129.7	2408.1	2278.4	4.21	0.3355	1
Rv2378c	mbtG	7	6	128.6	136.2	7.6	0.08	0.9519	1
Rv2379c	mbtF	48	29	3586.9	9669.8	6082.8	1.43	0.1133	0.973
Rv2380c	mbtE	63	35	10255.2	8618.9	-1636.3	-0.25	0.7818	1
Rv2381c	mbtD	32	14	395.1	101.8	-293.3	-1.96	0.1001	0.9359
Rv2382c	mbtC	14	5	249.1	584	334.9	1.23	0.2785	1
Rv2383c	mbtB	34	21	4401.5	3914.9	-486.7	-0.17	0.8578	1
Rv2384	mbtA	15	9	237.4	1410.6	1173.2	2.57	0.2186	1
Rv2385	mbtJ	16	12	17817.3	7824.4	-9992.9	-1.19	0.1523	1
Rv2386c	mbtI	11	1	1	0	-1	1	1	1
Rv2387	-	17	15	7716.2	20217.3	12501.1	1.39	0.1731	1
Rv2388c	hemN	14	9	6392.8	6798	405.2	0.09	0.9307	1
Rv2389c	rpfD	6	5	17163.5	16199.7	-963.7	-0.08	0.8676	1
Rv2390c	-	4	4	20712.4	26914.8	6202.4	0.38	0.551	1
Rv2391	nirA	17	2	0	15.8	15.8	2.98	0.4302	1
Rv2392	cysH	10	1	0	10.5	10.5	2.4	1	1
Rv2393	-	3	0	0	0	0	0	1	1
Rv2394	ggtB	27	19	24113.6	34821.3	10707.7	0.53	0.6283	1
Rv2395	-	26	23	17204	15502.5	-1701.5	-0.15	0.8045	1
Rv2396	PE_PGRS41	9	9	13767.7	17615.9	3848.2	0.36	0.5509	1
Rv2397c	cysA1	10	0	0	0	0	0	1	1
Rv2398c	cysW	11	2	3	47.4	44.4	3.98	1	1
Rv2399c	cysT	9	2	3.7	15.8	12.1	2.11	1	1
Rv2400c	subI	13	1	54.9	0	-54.9	-4.78	1	1
Rv2401	-	3	2	1204.8	1467.6	262.8	0.28	0.9713	1
Rv2401A	-	1	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2402	-	23	20	18081.2	25561.4	7480.2	0.5	0.6335	1
Rv2403c	lppR	6	4	1634.2	206.9	-1427.4	-2.98	0.0031	0.1718
Rv2404c	lepA	22	17	1549.6	3369.1	1819.4	1.12	0.635	1
Rv2405	-	5	4	4504.1	4870.2	366.1	0.11	0.883	1
Rv2406c	-	7	6	10405.1	7556.6	-2848.5	-0.46	0.6523	1
Rv2407	-	7	5	2187.2	695	-1492.2	-1.65	0.1028	0.9433
Rv2408	PE24	9	8	7116.3	5659.4	-1456.8	-0.33	0.679	1
Rv2409c	-	13	11	2650	3376.9	726.9	0.35	0.6855	1
Rv2410c	-	9	6	1498.5	1262	-236.5	-0.25	0.7841	1
Rv2411c	-	18	17	32583.2	31879.1	-704.1	-0.03	0.9725	1
Rv2412	rpsT	1	0	0	0	0	0	1	1
Rv2413c	-	11	0	0	0	0	0	1	1
Rv2414c	-	7	5	2207.6	4526.4	2318.8	1.04	0.859	1
Rv2415c	-	12	9	2535.3	646	-1889.3	-1.97	0.042	0.6794
Rv2416c	eis	25	12	2985.9	6477.4	3491.5	1.12	0.5225	1
Rv2417c	-	9	3	346.6	10.5	-336	-5.04	0.0164	0.492
Rv2418c	-	14	3	63.6	10.5	-53.1	-2.59	0.4598	1
Rv2419c	-	5	2	23.9	5.3	-18.7	-2.18	0.5446	1
Rv2420c	-	4	1	86.6	647.9	561.2	2.9	1	1
Rv2421c	nadD	11	5	0	68.5	68.5	5.1	0.0317	0.6032
Rv2422	-	3	3	17952.2	21041.5	3089.3	0.23	0.9067	1
Rv2423	-	13	12	14537.5	16305.9	1768.4	0.17	0.7759	1
Rv2424c	-	6	6	3413.1	3879.3	466.3	0.18	0.7698	1
Rv2425c	-	14	11	4433.4	4788.4	355	0.11	0.885	1
Rv2426c	-	9	7	4264.6	6613.6	2348.9	0.63	0.4037	1
Rv2427c	proA	14	11	4423.8	944.5	-3479.2	-2.23	0.0745	0.876
Rv2428	ahpC	6	4	158.4	195.4	37	0.3	0.8461	1
Rv2429	ahpD	9	6	1573.4	327.5	-1245.9	-2.26	0.0363	0.6315
Rv2430c	PPE41	6	6	4336.5	4370	33.5	0.01	0.9863	1
Rv2431c	PE25	4	3	1627.7	5942.6	4314.9	1.87	0.4597	1
Rv2432c	-	7	4	963.9	445.6	-518.4	-1.11	0.1418	1
Rv2433c	-	6	3	1623.1	713	-910.1	-1.19	0.3814	1
Rv2434c	-	19	7	1526	4474.2	2948.1	1.55	0.9909	1
Rv2435c	-	42	21	7867	10679.8	2812.9	0.44	0.4785	1
Rv2436	rbsK	11	5	996.8	1351	354.3	0.44	0.6843	1
Rv2437	-	7	4	412.6	438.8	26.3	0.09	0.9728	1
Rv2438A	-	4	1	3.7	5.3	1.6	0.53	1	1
Rv2438c	nadE	25	2	0	6.9	6.9	1.8	0.4288	1
Rv2439c	proB	10	1	1	0	-1	1	1	1
Rv2440c	obgE	10	0	0	0	0	0	1	1
Rv2441c	rpmA	4	0	0	0	0	0	1	1
Rv2442c	rplU	2	0	0	0	0	0	1	1
Rv2443	dctA	19	18	26976.3	27131.4	155.1	0.01	0.9875	1
Rv2444c	rne	22	1	925.9	258.1	-667.8	-1.84	0.6628	1
Rv2445c	ndk	3	0	0	0	0	0	1	1
Rv2446c	-	6	5	3246.3	1974.5	-1271.9	-0.72	0.2591	1
Rv2447c	folC	10	2	0	10.5	10.5	2.4	0.428	1
Rv2448c	valS	20	1	0	5.3	5.3	1.4	1	1
Rv2449c	-	22	21	14140.6	17773	3632.5	0.33	0.5807	1
Rv2450c	rpfE	6	5	3504.8	3843.3	338.5	0.13	0.9499	1
Rv2451	-	6	5	1965.4	2980.1	1014.8	0.6	0.8097	1
Rv2452c	-	6	5	2317.7	5306.2	2988.5	1.19	0.292	1
Rv2453c	mobA	5	5	8699.6	6221	-2478.5	-0.48	0.6553	1
Rv2454c	-	14	0	0	0	0	0	1	1
Rv2455c	-	31	3	15	44.3	29.3	1.56	0.42	1
Rv2456c	-	17	14	17391.1	9808.8	-7582.3	-0.83	0.1999	1
Rv2457c	clpX	13	3	0	42.1	42.1	4.4	0.1851	1
Rv2458	mmuM	14	12	21692.9	25074.1	3381.1	0.21	0.8265	1
Rv2459	-	17	16	15901.8	11409.7	-4492.1	-0.48	0.3873	1
Rv2460c	clpP2	7	2	0	63.2	63.2	4.98	0.4322	1
Rv2461c	clpP	8	4	2	68.5	66.5	5.1	0.2033	1
Rv2462c	tig	15	13	5658.5	6595.4	936.9	0.22	0.7915	1
Rv2463	lipP	14	12	29166.4	18477.2	-10689.2	-0.66	0.5171	1
Rv2464c	-	10	8	4036.2	11425.5	7389.3	1.5	0.2422	1
Rv2465c	-	5	0	0	0	0	0	1	1
Rv2466c	-	9	7	33176.9	15748.1	-17428.8	-1.08	0.4767	1
Rv2467	pepN	31	21	2899.2	5224	2324.8	0.85	0.3633	1
Rv2468c	-	5	5	5606.8	1245.4	-4361.4	-2.17	0.0348	0.6199

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2469c	-	7	7	5431.6	2816.6	-2615.1	-0.95	0.3894	1
Rv2470	glbO	7	5	56	128.6	72.5	1.2	0.4659	1
Rv2471	aglA	13	8	6365.4	5473.2	-892.2	-0.22	0.7503	1
Rv2472	-	5	4	7060.5	15472.3	8411.8	1.13	0.5878	1
Rv2473	-	12	8	3395.2	5101	1705.8	0.59	0.5185	1
Rv2474c	-	9	4	356.7	105.3	-251.4	-1.76	0.5361	1
Rv2475c	-	7	3	163.8	126.4	-37.4	-0.37	0.7044	1
Rv2476c	gdh	44	12	233.9	254.5	20.6	0.12	0.8968	1
Rv2477c	-	21	2	0	79	79	5.3	0.4141	1
Rv2478c	-	5	4	3748.2	1235.4	-2512.7	-1.6	0.1381	1
Rv2479c	-	21	21	17582	18697.7	1115.8	0.09	0.8574	1
Rv2480c	-	3	3	2599.4	2158.7	-440.7	-0.27	0.6703	1
Rv2481c	-	2	2	2331.8	2719.3	387.6	0.22	0.799	1
Rv2482c	plsB2	33	21	10138	8625.2	-1512.8	-0.23	0.701	1
Rv2483c	plsC	19	12	3155.7	2614.2	-541.5	-0.27	0.7599	1
Rv2484c	-	20	12	2869.6	3185.3	315.7	0.15	0.8109	1
Rv2485c	lipQ	18	17	9700.6	4982.1	-4718.5	-0.96	0.0665	0.8362
Rv2486	echA14	8	8	10309.6	9439.3	-870.3	-0.13	0.8897	1
Rv2487c	PE_PGRS42	18	11	3538.7	18890.3	15351.6	2.42	0.2588	1
Rv2488c	-	33	22	20141.9	23427.7	3285.8	0.22	0.7272	1
Rv2489c	-	3	3	3368.4	6175.8	2807.5	0.87	0.3973	1
Rv2490c	PE_PGRS43	35	27	4592.8	17183.3	12590.5	1.9	0.0136	0.4551
Rv2491	-	14	8	5290.5	1668.3	-3622.2	-1.67	0.2431	1
Rv2492	-	23	9	453.2	1557.9	1104.8	1.78	0.1185	0.9753
Rv2493	-	0	0	0	0	0	0	1	1
Rv2494	-	5	4	756.2	358.2	-398	-1.08	0.3242	1
Rv2495c	pdhC	11	4	254.5	0	-254.5	-6.99	0.0007	0.0548
Rv2496c	pdhB	20	9	6725.6	5518.7	-1206.9	-0.29	0.7564	1
Rv2497c	pdhA	17	11	12160.5	3532.7	-8627.8	-1.78	0.0619	0.8304
Rv2498c	citE	9	5	710.7	793	82.3	0.16	0.9467	1
Rv2499c	-	4	1	117.6	26.3	-91.2	-2.16	0.3363	1
Rv2500c	fadE19	18	5	192.9	42.1	-150.7	-2.19	0.2172	1
Rv2501c	accA1	18	8	3125	3245.6	120.6	0.05	0.9567	1
Rv2502c	accD1	23	14	2079.6	2052	-27.6	-0.02	0.9936	1
Rv2503c	scoB	6	2	111.9	26.3	-85.6	-2.09	0.7125	1
Rv2504c	scoA	10	7	9107.6	18418.8	9311.1	1.02	0.4657	1
Rv2505c	fadD35	27	24	8230.9	15199.2	6968.3	0.88	0.2753	1
Rv2506	-	5	4	1634.6	1277.6	-357	-0.36	0.6494	1
Rv2507	-	16	1	0	26.3	26.3	3.72	1	1
Rv2508c	-	14	14	4361.6	3119.7	-1241.9	-0.48	0.4036	1
Rv2509	-	7	0	0	0	0	0	1	1
Rv2510c	-	15	9	1215.5	1313.8	98.3	0.11	0.906	1
Rv2511	orn	7	1	0	42.1	42.1	4.4	1	1
Rv2512c	-	13	12	19995.3	30086.3	10091.1	0.59	0.5809	1
Rv2513	-	8	7	5902.3	2808.2	-3094.1	-1.07	0.082	0.8839
Rv2514c	-	5	4	2684.6	1638.6	-1046	-0.71	0.4855	1
Rv2515c	-	18	15	3032	8484	5452.1	1.48	0.2134	1
Rv2516c	-	11	0	0	0	0	0	1	1
Rv2517c	-	7	6	2642.3	2721.1	78.7	0.04	0.9695	1
Rv2518c	lppS	18	5	1.8	337.1	335.3	7.53	0.0336	0.6157
Rv2519	PE26	24	19	3939.4	2852	-1087.5	-0.47	0.36	1
Rv2520c	-	0	0	0	0	0	0	1	1
Rv2521	bcp	7	6	1376.7	2844.3	1467.6	1.05	0.4144	1
Rv2522c	-	16	11	3267.1	15132.8	11865.8	2.21	0.1891	1
Rv2523c	acpS	4	0	0	0	0	0	1	1
Rv2524c	fas	50	5	3.7	94.8	91.1	4.7	0.0274	0.5985
Rv2525c	-	11	11	16320.2	20693.9	4373.7	0.34	0.5904	1
Rv2526	-	0	0	0	0	0	0	1	1
Rv2527	-	7	6	2486.1	2771.5	285.4	0.16	0.9229	1
Rv2528c	mrr	7	5	1666	482.2	-1183.8	-1.79	0.1152	0.973
Rv2529	-	12	4	283.4	180.8	-102.6	-0.65	0.6457	1
Rv2530A	-	3	2	665.4	1075.8	410.3	0.69	0.942	1
Rv2530c	-	3	1	3021.4	1098.5	-1922.9	-1.46	0.3322	1
Rv2531c	-	38	27	14821.2	15883.3	1062.1	0.1	0.8582	1
Rv2532c	-	5	3	2171.5	636.6	-1534.9	-1.77	0.01	0.395
Rv2533c	nusB	3	1	0	5.3	5.3	1.4	1	1
Rv2534c	efp	8	2	0	26.3	26.3	3.72	0.4247	1
Rv2535c	pepQ	14	6	57.1	189.9	132.7	1.73	0.9485	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2536	-	6	5	5922.8	14191.6	8268.8	1.26	0.141	1
Rv2537c	aroD	5	0	0	0	0	0	1	1
Rv2538c	aroB	4	1	1	0	-1	1	1	1
Rv2539c	aroK	5	2	1.8	94.8	93	5.7	0.4276	1
Rv2540c	aroF	7	2	1.8	5.3	3.4	1.53	1	1
Rv2541	-	1	1	294.9	31.6	-263.3	-3.22	0.338	1
Rv2542	-	9	7	5530.6	5839.4	308.8	0.08	0.9427	1
Rv2543	lppA	13	10	4147	7557.7	3410.7	0.87	0.4291	1
Rv2544	lppB	14	9	1916	2346.4	430.4	0.29	0.7071	1
Rv2545	-	9	8	10900.3	6643.1	-4257.1	-0.71	0.2292	1
Rv2546	-	6	4	1792.1	374.9	-1417.2	-2.26	0.0175	0.506
Rv2547	-	2	2	167.3	230.3	63	0.46	0.933	1
Rv2548	-	4	2	2924.9	390.2	-2534.6	-2.91	0.0842	0.8839
Rv2549c	-	4	4	6431.8	10390.5	3958.8	0.69	0.4862	1
Rv2550c	-	2	2	614.5	272	-342.6	-1.18	0.3177	1
Rv2551c	-	1	1	13845.7	8038.4	-5807.3	-0.78	0.6688	1
Rv2552c	aroE	3	0	0	0	0	0	1	1
Rv2553c	-	15	3	0	31.6	31.6	3.98	0.1825	1
Rv2554c	-	2	0	0	0	0	0	1	1
Rv2555c	alaS	28	4	2	221.2	219.2	6.79	0.2034	1
Rv2556c	-	5	2	262.4	21.1	-241.4	-3.64	0.1429	1
Rv2557	-	9	9	10341.4	9165.1	-1176.3	-0.17	0.806	1
Rv2558	-	4	3	6126.5	2752.8	-3373.7	-1.15	0.1962	1
Rv2559c	-	13	12	9656.7	14142	4485.3	0.55	0.5924	1
Rv2560	-	22	17	21241.6	34894.9	13653.3	0.72	0.5014	1
Rv2561	-	3	2	3360.5	4441.9	1081.3	0.4	0.6645	1
Rv2562	-	7	7	5968.9	5871.3	-97.6	-0.02	0.9731	1
Rv2563	-	6	3	256.1	126.4	-129.7	-1.02	0.8046	1
Rv2564	glnQ	8	2	97	10.5	-86.5	-3.2	1	1
Rv2565	-	18	14	13189.3	13032.9	-156.5	-0.02	0.9845	1
Rv2566	-	29	23	9215.8	10953.3	1737.5	0.25	0.7641	1
Rv2567	-	28	15	5543.5	14871.7	9328.2	1.42	0.4424	1
Rv2568c	-	17	13	3112.8	1619	-1493.8	-0.94	0.3157	1
Rv2569c	-	17	11	18076.4	11525.8	-6550.6	-0.65	0.5607	1
Rv2570	-	3	3	2034.1	496.6	-1537.5	-2.03	0.2936	1
Rv2571c	-	5	4	4998.7	2759.8	-2239	-0.86	0.2505	1
Rv2572c	aspS	18	3	11	0	-11	-2.46	0.1837	1
Rv2573	-	3	3	2241.5	4459.3	2217.9	0.99	0.7216	1
Rv2574	-	3	1	4244.2	6764.2	2520	0.67	0.3381	1
Rv2575	-	15	12	9905.4	14977.2	5071.8	0.6	0.7941	1
Rv2576c	-	7	7	3281.7	3843.3	561.6	0.23	0.9369	1
Rv2577	-	29	16	17510.1	27184.5	9674.4	0.63	0.6311	1
Rv2578c	-	15	10	3477.8	1722.6	-1755.1	-1.01	0.2727	1
Rv2579	dhaA	10	6	21758.1	14781.8	-6976.3	-0.56	0.6057	1
Rv2580c	hisS	11	2	0	26.3	26.3	3.72	0.4277	1
Rv2581c	-	5	1	0	26.3	26.3	3.72	1	1
Rv2582	ppiB	15	2	0	21.1	21.1	3.4	0.4296	1
Rv2583c	relA	29	11	2112.9	6.9	-2106	-8.25	0	0
Rv2584c	apt	8	8	4163.3	6455.6	2292.3	0.63	0.484	1
Rv2585c	-	18	15	11745.2	9007.8	-2737.3	-0.38	0.6747	1
Rv2586c	secF	14	1	0	10.5	10.5	2.4	1	1
Rv2587c	secD	21	3	1.8	168.5	166.7	6.53	0.4521	1
Rv2588c	yajC	1	1	67.9	330.4	262.5	2.28	0.3334	1
Rv2589	gabT	20	17	17052.3	23428.1	6375.8	0.46	0.553	1
Rv2590	fadD9	43	37	48451.7	55912.9	7461.2	0.21	0.667	1
Rv2591	PE_PGRS44	10	9	21070.5	16808.7	-4261.8	-0.33	0.7385	1
Rv2592c	ruvB	7	0	0	0	0	0	1	1
Rv2593c	ruvA	5	1	1.8	0	-1.8	0.13	1	1
Rv2594c	ruvC	3	0	0	0	0	0	1	1
Rv2595	-	0	0	0	0	0	0	1	1
Rv2596	-	7	7	7512	4046.4	-3465.6	-0.89	0.2835	1
Rv2597	-	4	4	9161.1	13366.7	4205.6	0.55	0.4293	1
Rv2598	-	3	2	805.3	2338.6	1533.3	1.54	0.7752	1
Rv2599	-	11	9	12638.7	6223.8	-6414.9	-1.02	0.356	1
Rv2600	-	6	6	13694.5	8928.3	-4766.2	-0.62	0.4854	1
Rv2601	speE	20	20	15883.5	15227.6	-655.9	-0.06	0.9226	1
Rv2601A	-	2	0	0	0	0	0	1	1
Rv2602	-	5	5	12381.5	21198.9	8817.3	0.78	0.6044	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2603c	-	6	1	0	10.5	10.5	2.4	1	1
Rv2604c	-	4	3	2240.8	2681.8	441	0.26	0.8735	1
Rv2605c	tesB2	6	4	1412.1	1320.4	-91.7	-0.1	0.8905	1
Rv2606c	-	8	5	1651.8	0	-1651.8	-9.69	0	0
Rv2607	pdxH	11	10	13076.3	9292.5	-3783.7	-0.49	0.5445	1
Rv2608	PPE42	27	26	25607.9	28580.3	2972.4	0.16	0.7104	1
Rv2609c	-	10	6	3077.1	2380.3	-696.7	-0.37	0.6703	1
Rv2610c	pimA	10	3	0	63.2	63.2	4.98	0.1884	1
Rv2611c	-	9	0	0	0	0	0	1	1
Rv2612c	pgsA1	2	0	0	0	0	0	1	1
Rv2613c	-	6	3	53	21.1	-32	-1.33	1	1
Rv2614A	-	6	5	1309.5	331.8	-977.7	-1.98	0.0897	0.8921
Rv2614c	thrS	22	2	0	15.8	15.8	2.98	0.4318	1
Rv2615c	PE_PGRS45	12	6	1404.5	4723	3318.5	1.75	0.8378	1
Rv2616	-	4	3	2795.9	4580.2	1784.3	0.71	0.8788	1
Rv2617c	-	5	5	4202.2	3038.8	-1163.5	-0.47	0.6189	1
Rv2618	-	7	5	1720.9	7957.3	6236.3	2.21	0.585	1
Rv2619c	-	2	2	4081.4	3029.1	-1052.3	-0.43	0.6841	1
Rv2620c	-	4	4	8829.4	10701.4	1872	0.28	0.7192	1
Rv2621c	-	4	3	360	196.6	-163.4	-0.87	0.5759	1
Rv2622	-	8	4	1123.8	262.4	-861.4	-2.1	0.447	1
Rv2623	TB31.7	5	4	682.8	149.6	-533.1	-2.19	0.0848	0.8839
Rv2624c	-	9	6	769.8	2698.4	1928.7	1.81	0.7919	1
Rv2625c	-	14	11	2384.8	458.7	-1926	-2.38	0.0296	0.5995
Rv2626c	-	4	2	162.4	0	-162.4	-6.34	0.143	1
Rv2627c	-	16	10	5667.5	3224.8	-2442.7	-0.81	0.5495	1
Rv2628	-	7	4	12681.7	6895.1	-5786.6	-0.88	0.563	1
Rv2629	-	15	9	4644	2284.1	-2359.9	-1.02	0.2746	1
Rv2630	-	7	3	3125.3	1638.6	-1486.7	-0.93	0.4512	1
Rv2631	-	14	9	8246.9	8278.8	32	0.01	0.995	1
Rv2632c	-	3	2	584.4	1132.2	547.7	0.95	0.9983	1
Rv2633c	-	8	7	2824.5	1154.8	-1669.7	-1.29	0.0775	0.88
Rv2634c	PE_PGRS46	25	13	2784.3	5354.5	2570.2	0.94	0.3529	1
Rv2635	-	6	3	406.4	0	-406.4	-7.67	0.0151	0.4775
Rv2636	-	10	9	11286	11304.3	18.2	0	0.9972	1
Rv2637	dedA	8	6	2658.2	5815.5	3157.2	1.13	0.2493	1
Rv2638	-	2	2	82.8	117.6	34.7	0.51	0.9682	1
Rv2639c	-	6	5	11106.3	16625.9	5519.6	0.58	0.5392	1
Rv2640c	-	4	4	354.3	776.9	422.6	1.13	0.8751	1
Rv2641	cadI	6	6	1850	2157.2	307.3	0.22	0.9464	1
Rv2642	-	4	3	5402.2	1860.6	-3541.6	-1.54	0.3277	1
Rv2643	arsC	26	22	8734.4	10944.8	2210.4	0.33	0.6354	1
Rv2644c	-	5	2	580.5	3083	2502.5	2.41	0.1411	1
Rv2645	-	3	1	208.3	5.3	-203.1	-5.31	0.3388	1
Rv2646	-	14	11	6458.8	3852.6	-2606.2	-0.75	0.2183	1
Rv2647	-	4	4	472.6	1660.9	1188.4	1.81	0.681	1
Rv2648	-	3	3	2826.2	2204.4	-621.9	-0.36	0.5749	1
Rv2649	-	18	18	9482.2	12000.6	2518.5	0.34	0.4903	1
Rv2650c	-	8	0	0	0	0	0	1	1
Rv2651c	-	3	0	0	0	0	0	1	1
Rv2652c	-	6	2	3.7	26.3	22.7	2.85	1	1
Rv2653c	-	3	0	0	0	0	0	1	1
Rv2654c	-	0	0	0	0	0	0	1	1
Rv2655c	-	14	11	5755.5	2978	-2777.5	-0.95	0.4825	1
Rv2656c	-	5	4	2973.8	1003.2	-1970.7	-1.57	0.2175	1
Rv2657c	-	5	4	1362.3	1848.6	486.2	0.44	0.6651	1
Rv2658c	-	7	6	5029.2	4698.2	-330.9	-0.1	0.9184	1
Rv2659c	-	17	15	10137	13821.8	3684.7	0.45	0.711	1
Rv2660c	-	2	1	361.4	671.6	310.2	0.89	1	1
Rv2661c	-	2	2	739.1	38.1	-701.1	-4.28	0.0308	0.6032
Rv2662	-	4	3	5892.7	814	-5078.7	-2.86	0.2253	1
Rv2663	-	6	5	3063.3	14390.4	11327	2.23	0.2098	1
Rv2664	-	0	0	0	0	0	0	1	1
Rv2665	-	2	2	485.1	131.7	-353.4	-1.88	0.2557	1
Rv2666	-	9	8	7962.6	3319.1	-4643.5	-1.26	0.3899	1
Rv2667	clpC2	4	3	10477.6	1540.4	-8937.2	-2.77	0.3053	1
Rv2668	-	6	6	1581.2	1480.4	-100.8	-0.09	0.945	1
Rv2669	-	6	2	59.8	126.4	66.6	1.08	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2670c	-	15	10	2967.6	4294.3	1326.7	0.53	0.4927	1
Rv2671	ribD	8	5	2817	7776.4	4959.4	1.46	0.1495	1
Rv2672	-	13	11	9977.8	11065	1087.2	0.15	0.8973	1
Rv2673	-	20	4	3.7	68.5	64.8	4.23	0.1989	1
Rv2674	-	4	3	8076.9	5459.1	-2617.8	-0.57	0.4992	1
Rv2675c	-	13	12	26374.6	31851.6	5477	0.27	0.7727	1
Rv2676c	-	11	2	0	15.8	15.8	2.98	0.4317	1
Rv2677c	hemY	7	2	0	21.1	21.1	3.4	0.4289	1
Rv2678c	hemE	8	2	0	26.3	26.3	3.72	0.4302	1
Rv2679	echA15	3	3	3261.5	6436.6	3175.1	0.98	0.3223	1
Rv2680	-	11	8	1113.3	243	-870.3	-2.2	0.022	0.5646
Rv2681	-	16	8	892.2	2709.6	1817.5	1.6	0.9537	1
Rv2682c	dxs1	17	3	0	121.1	121.1	5.92	0.1751	1
Rv2683	-	10	8	1510.4	1266.8	-243.6	-0.25	0.7906	1
Rv2684	arsA	17	14	1266.9	319.1	-947.8	-1.99	0.029	0.5985
Rv2685	arsB1	8	5	3304.8	1173.9	-2130.9	-1.49	0.2223	1
Rv2686c	-	11	5	1721.2	3723.4	2002.1	1.11	0.6662	1
Rv2687c	-	10	6	1516.2	12521.5	11005.3	3.05	0.9951	1
Rv2688c	-	9	9	4811.2	9582.5	4771.2	0.99	0.9104	1
Rv2689c	-	18	13	13630.8	11376.5	-2254.3	-0.26	0.6658	1
Rv2690c	-	20	12	526.1	217.6	-308.5	-1.27	0.1651	1
Rv2691	ceoB	8	8	10716.6	3135.9	-7580.7	-1.77	0.0572	0.8036
Rv2692	ceoC	2	2	729.2	6.9	-722.2	-6.71	0.0628	0.8304
Rv2693c	-	8	7	1413.9	1334.8	-79.1	-0.08	0.8935	1
Rv2694c	-	6	5	11605.9	4489.3	-7116.7	-1.37	0.0737	0.8752
Rv2695	-	8	7	4766	2169.4	-2596.6	-1.14	0.0637	0.8304
Rv2696c	-	9	4	1583.5	259.8	-1323.7	-2.61	0.1395	1
Rv2697c	dut	4	1	0	84.3	84.3	5.4	1	1
Rv2698	-	11	2	1.8	79	77.2	5.43	0.4345	1
Rv2699c	-	1	0	0	0	0	0	1	1
Rv2700	-	7	2	28	5.3	-22.7	-2.41	1	1
Rv2701c	suhB	9	8	3486.4	1500.2	-1986.2	-1.22	0.2422	1
Rv2702	ppgK	11	9	7571	6428	-1143	-0.24	0.7131	1
Rv2703	sigA	15	3	0	73.7	73.7	5.2	0.1839	1
Rv2704	-	8	7	7967.3	4617.9	-3349.4	-0.79	0.5016	1
Rv2705c	-	8	7	6948.3	13924.2	6975.9	1	0.5931	1
Rv2706c	-	2	2	3633.6	1472.6	-2161	-1.3	0.1709	1
Rv2707	-	25	23	91808.1	7293.4	-84514.8	-3.65	0	0
Rv2708c	-	5	4	2378.7	952.2	-1426.5	-1.32	0.0863	0.8839
Rv2709	-	9	6	8625.6	18444.9	9819.3	1.1	0.4006	1
Rv2710	sigB	10	5	42.7	10.5	-32.1	-2.02	0.463	1
Rv2711	ideR	4	2	0	52.7	52.7	4.72	0.4247	1
Rv2712c	-	11	7	25834.4	10682.1	-15152.3	-1.27	0.3686	1
Rv2713	sthA	16	16	20237.4	17370	-2867.5	-0.22	0.5988	1
Rv2714	-	13	10	18479	37881.1	19402.1	1.04	0.4972	1
Rv2715	-	15	11	4182.3	1925.6	-2256.7	-1.12	0.1862	1
Rv2716	-	7	7	10909.5	4934.2	-5975.3	-1.14	0.3081	1
Rv2717c	-	9	9	4112.7	1770.5	-2342.2	-1.22	0.0678	0.8362
Rv2718c	-	7	5	1462.8	819	-643.8	-0.84	0.4757	1
Rv2719c	-	4	4	1977.8	1848.5	-129.2	-0.1	0.9385	1
Rv2720	lexA	8	0	0	0	0	0	1	1
Rv2721c	-	18	14	17072.3	9237.8	-7834.5	-0.89	0.2016	1
Rv2722	-	5	5	6843.5	3623.2	-3220.3	-0.92	0.325	1
Rv2723	-	22	18	20029.7	14973.7	-5056	-0.42	0.4549	1
Rv2724c	fadE20	18	17	16140.9	20806.3	4665.4	0.37	0.5083	1
Rv2725c	hflX	16	11	19654.7	14945.4	-4709.3	-0.4	0.5248	1
Rv2726c	dapF	8	2	0	136.9	136.9	6.1	0.4277	1
Rv2727c	miaA	11	3	0	131.7	131.7	6.04	0.1791	1
Rv2728c	-	10	8	4330.9	3752.3	-578.6	-0.21	0.9497	1
Rv2729c	-	9	8	11849	3978.5	-7870.5	-1.57	0.0224	0.5646
Rv2730	-	10	10	10012.1	14867.4	4855.4	0.57	0.2444	1
Rv2731	-	7	7	7307	4251.9	-3055.1	-0.78	0.6114	1
Rv2732c	-	6	4	3267.3	996	-2271.3	-1.71	0.3246	1
Rv2733c	-	12	11	1584.9	1562	-22.9	-0.02	0.9789	1
Rv2734	-	19	12	1719.5	703.4	-1016	-1.29	0.2523	1
Rv2735c	-	22	17	11629.7	11071.9	-557.7	-0.07	0.9114	1
Rv2736c	recX	5	2	6	115.9	109.9	4.27	1	1
Rv2737A	-	3	2	171.5	0	-171.5	-6.42	0.1391	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2737c	recA	22	9	108.5	143.9	35.4	0.41	0.6808	1
Rv2738c	-	2	1	1588.6	663.7	-924.9	-1.26	0.6677	1
Rv2739c	-	5	4	609.9	513.8	-96.1	-0.25	0.8391	1
Rv2740	-	3	3	612.3	54.3	-557.9	-3.49	0.0048	0.2487
Rv2741	PE_PGRS47	17	10	9854.4	16833.4	6979.1	0.77	0.2638	1
Rv2742c	-	13	12	13193.8	12584.6	-609.2	-0.07	0.932	1
Rv2743c	-	10	8	7172.1	2489	-4683.1	-1.53	0.0561	0.7938
Rv2744c	35kd_ag	4	3	571.2	4034.4	3463.2	2.82	0.5697	1
Rv2745c	-	2	2	11328.3	7305.2	-4023.1	-0.63	0.4869	1
Rv2746c	pgsA3	11	3	0	84.3	84.3	5.4	0.1875	1
Rv2747	-	5	0	0	0	0	0	1	1
Rv2748c	ftsK	21	4	1.8	52.7	50.8	4.85	0.0656	0.8362
Rv2749	-	3	3	687.6	248	-439.6	-1.47	0.342	1
Rv2750	-	10	3	280.5	182.4	-98.1	-0.62	0.6457	1
Rv2751	-	17	9	1708.9	1565.4	-143.5	-0.13	0.8449	1
Rv2752c	-	16	8	1397.1	321.3	-1075.7	-2.12	0.2569	1
Rv2753c	dapA	8	2	0	42.1	42.1	4.4	0.4394	1
Rv2754c	thyX	8	1	0	115.9	115.9	5.86	1	1
Rv2755c	hsdS.1	7	6	804.2	2124.4	1320.2	1.4	0.281	1
Rv2756c	hsdM	28	12	1539.7	1706.6	166.8	0.15	0.9	1
Rv2757c	-	6	2	147.9	15.8	-132.1	-3.23	0.1819	1
Rv2758c	-	1	0	0	0	0	0	1	1
Rv2759c	-	8	6	4301.2	3677.4	-623.8	-0.23	0.9125	1
Rv2760c	-	1	1	259.3	558.3	299	1.11	1	1
Rv2761c	hsdS	12	5	2187.1	4547.2	2360.1	1.06	0.6824	1
Rv2762c	-	3	2	1060.9	994.3	-66.6	-0.09	0.9438	1
Rv2763c	dfrA	7	0	0	0	0	0	1	1
Rv2764c	thyA	17	2	0	94.8	94.8	5.57	0.4331	1
Rv2765	-	11	8	4807.3	5147.5	340.2	0.1	0.9628	1
Rv2766c	fabG	4	4	9592.8	5809.8	-3783.1	-0.72	0.4123	1
Rv2767c	-	9	8	101200.2	48491.4	-52708.9	-1.06	0.5004	1
Rv2768c	PPE43	10	8	4803.7	6711.2	1907.5	0.48	0.5872	1
Rv2769c	PE27	13	11	9776.5	11772.2	1995.7	0.27	0.7214	1
Rv2770c	PPE44	10	9	8582.9	6953.4	-1629.5	-0.3	0.7931	1
Rv2771c	-	8	7	7197.5	11303.1	4105.7	0.65	0.9086	1
Rv2772c	-	6	5	747.5	2097.4	1349.9	1.49	0.9838	1
Rv2773c	dapB	6	0	0	0	0	0	1	1
Rv2774c	-	3	3	1059.9	724.7	-335.2	-0.55	0.6708	1
Rv2775	-	9	8	3059.8	4819	1759.3	0.66	0.5621	1
Rv2776c	-	12	9	2177.2	1683.4	-493.8	-0.37	0.6781	1
Rv2777c	-	13	11	12761.9	22283.1	9521.2	0.8	0.3548	1
Rv2778c	-	7	4	2159.8	738.8	-1421	-1.55	0.2414	1
Rv2779c	-	5	3	1605	2473.1	868.1	0.62	0.9006	1
Rv2780	ald	20	13	3091.6	7238	4146.4	1.23	0.2286	1
Rv2781c	-	14	10	5393.9	4430.8	-963.1	-0.28	0.7964	1
Rv2782c	pepR	12	10	3051.1	598.6	-2452.5	-2.35	0.0001	0.0114
Rv2783c	gpsI	14	1	0	36.9	36.9	4.2	1	1
Rv2784c	lppU	6	5	6340.1	2468.7	-3871.4	-1.36	0.0424	0.6794
Rv2785c	rpsO	3	2	44	5.3	-38.7	-3.06	1	1
Rv2786c	ribF	9	2	0	21.1	21.1	3.4	0.4263	1
Rv2787	-	20	18	9243	8514.8	-728.2	-0.12	0.8595	1
Rv2788	sirR	6	4	634.8	1200	565.2	0.92	0.3292	1
Rv2789c	fadE21	12	6	1532	1738.5	206.5	0.18	0.8804	1
Rv2790c	ltp1	13	10	1381.6	3110.6	1729	1.17	0.4526	1
Rv2791c	-	15	10	1111	713.9	-397.1	-0.64	0.6283	1
Rv2792c	-	5	3	968.7	770.2	-198.4	-0.33	0.8473	1
Rv2793c	truB	8	4	312.1	1065.9	753.8	1.77	0.6839	1
Rv2794c	-	5	0	0	0	0	0	1	1
Rv2795c	-	15	8	1459.5	993.8	-465.7	-0.55	0.8063	1
Rv2796c	lppV	5	5	2767.8	1932.3	-835.5	-0.52	0.5477	1
Rv2797c	-	21	21	17753.5	21313.3	3559.8	0.26	0.6215	1
Rv2798c	-	3	3	854.5	918.2	63.7	0.1	0.9763	1
Rv2799	-	7	7	16123.1	9460.5	-6662.6	-0.77	0.416	1
Rv2800	-	13	11	10809.3	20385.4	9576.1	0.92	0.873	1
Rv2801c	-	3	3	2931.3	1274	-1657.3	-1.2	0.475	1
Rv2802c	-	7	6	2094.9	1770.7	-324.1	-0.24	0.7414	1
Rv2803	-	6	6	7068.6	2923.8	-4144.7	-1.27	0.0199	0.5542
Rv2804c	-	5	4	1611	1712.4	101.4	0.09	0.9012	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2805	-	3	3	9507.1	11323	1816	0.25	0.753	1
Rv2806	-	6	4	1252	937.6	-314.4	-0.42	0.6293	1
Rv2807	-	11	10	8023.4	11065.9	3042.5	0.46	0.8477	1
Rv2808	-	5	5	135.2	1131.3	996.1	3.07	0.1168	0.973
Rv2809	-	7	5	3004.8	2683.7	-321.1	-0.16	0.8461	1
Rv2810c	-	10	9	3034.1	2438.3	-595.8	-0.32	0.6972	1
Rv2811	-	1	1	68.3	10.5	-57.8	-2.7	0.33	1
Rv2812	-	14	4	702.3	1677.7	975.4	1.26	0.9745	1
Rv2813	-	8	3	412.1	156.1	-256	-1.4	0.1758	1
Rv2814c	-	19	19	15562.2	16506.8	944.6	0.09	0.8698	1
Rv2815c	-	3	3	2666.3	2168	-498.3	-0.3	0.7102	1
Rv2816c	-	11	7	614.2	464.7	-149.5	-0.4	0.7148	1
Rv2817c	-	17	13	2764.5	6999.6	4235.1	1.34	0.615	1
Rv2818c	-	18	13	2239.4	3726.7	1487.3	0.73	0.3951	1
Rv2819c	-	16	10	1950.7	2749.3	798.6	0.5	0.7028	1
Rv2820c	-	13	10	3235.1	3091.7	-143.4	-0.07	0.9536	1
Rv2821c	-	9	8	3554	3782.7	228.7	0.09	0.9336	1
Rv2822c	-	11	8	5377.4	7266.3	1888.9	0.43	0.7906	1
Rv2823c	-	33	26	17552.5	23395.1	5842.5	0.41	0.6436	1
Rv2824c	-	15	13	8020.8	7308.2	-712.6	-0.13	0.9032	1
Rv2825c	-	5	2	60.3	1.7	-58.6	-5.17	0.1413	1
Rv2826c	-	6	5	738.5	68.5	-670	-3.43	0.0138	0.4551
Rv2827c	-	11	1	1.8	47.4	45.6	4.7	1	1
Rv2828c	-	4	2	33.3	0	-33.3	-4.06	0.1453	1
Rv2829c	-	3	2	269.7	21.1	-248.6	-3.68	0.0586	0.8118
Rv2830c	-	0	0	0	0	0	0	1	1
Rv2831	echA16	3	2	639	197.5	-441.5	-1.69	0.3427	1
Rv2832c	ugpC	7	3	2754	2902.6	148.6	0.08	0.9685	1
Rv2833c	ugpB	18	9	1804.5	673	-1131.5	-1.42	0.3443	1
Rv2834c	ugpE	4	3	634.3	43.8	-590.5	-3.86	0.1585	1
Rv2835c	ugpA	11	7	3744.2	1006.3	-2737.9	-1.9	0.2189	1
Rv2836c	dinF	16	11	3696.1	7398.3	3702.2	1	0.7352	1
Rv2837c	-	11	2	0	57.9	57.9	4.86	0.4257	1
Rv2838c	rbfA	6	2	17697.6	278.4	-17419.1	-5.99	0.3351	1
Rv2839c	infB	22	4	0	105.3	105.3	5.72	0.0758	0.876
Rv2840c	-	5	1	61.2	0	-61.2	-4.94	0.3246	1
Rv2841c	nusA	11	1	0	63.2	63.2	4.98	1	1
Rv2842c	-	4	2	212.8	2172.4	1959.6	3.35	0.8002	1
Rv2843	-	2	0	0	0	0	0	1	1
Rv2844	-	4	0	0	0	0	0	1	1
Rv2845c	proS	21	2	0	68.5	68.5	5.1	0.4351	1
Rv2846c	efpA	20	2	0	73.7	73.7	5.2	0.4311	1
Rv2847c	cysG	11	3	0	89.5	89.5	5.48	0.1844	1
Rv2848c	cobB	15	12	7280	7549.3	269.3	0.05	0.9323	1
Rv2849c	cobO	4	3	910.5	473.8	-436.7	-0.94	0.4185	1
Rv2850c	-	13	9	2632	2348.6	-283.5	-0.16	0.8761	1
Rv2851c	-	7	6	2385.9	6176.7	3790.8	1.37	0.4668	1
Rv2852c	mqo	16	11	10474.1	8722.9	-1751.1	-0.26	0.6393	1
Rv2853	PE_PGRS48	29	22	14281	30867.8	16586.9	1.11	0.1336	1
Rv2854	-	14	12	9447.2	5026	-4421.3	-0.91	0.2277	1
Rv2855	mtr	21	7	282.3	162.6	-119.7	-0.8	0.6377	1
Rv2856	nicT	14	9	1614.7	714.2	-900.6	-1.18	0.1474	1
Rv2857c	-	10	6	1214.9	222.9	-992	-2.45	0.0232	0.575
Rv2858c	aldC	12	4	43.5	215.7	172.3	2.31	0.6866	1
Rv2859c	-	15	12	3241.9	2502	-739.9	-0.37	0.6783	1
Rv2860c	glnA4	24	16	23407.9	26557.2	3149.3	0.18	0.8526	1
Rv2861c	mapB	10	2	116	0	-116	-5.86	0.1411	1
Rv2862c	-	4	3	2121.4	33.3	-2088.2	-5.99	0.0027	0.1539
Rv2863	-	3	3	4445.9	2621	-1824.9	-0.76	0.1815	1
Rv2864c	-	14	10	6410.6	3820.5	-2590.1	-0.75	0.1428	1
Rv2865	-	1	1	177.3	727.9	550.5	2.04	1	1
Rv2866	-	2	1	727.6	786.5	58.9	0.11	0.6679	1
Rv2867c	-	10	6	782.8	1910.3	1127.5	1.29	0.4571	1
Rv2868c	ispG	11	3	0	21.1	21.1	3.4	0.1839	1
Rv2869c	-	15	5	1.8	42.1	40.3	4.53	0.0818	0.8839
Rv2870c	dxr	11	2	232.6	80.7	-151.9	-1.53	0.7114	1
Rv2871	-	7	4	3921.3	9046.4	5125	1.21	0.3539	1
Rv2872	-	10	10	6017.9	2486.2	-3531.8	-1.28	0.2776	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2873	mpt83	9	7	6377	10665	4288	0.74	0.4001	1
Rv2874	dipZ	31	21	4747.6	6939.7	2192.2	0.55	0.858	1
Rv2875	mpt70	6	6	11353.3	11050.5	-302.8	-0.04	0.9473	1
Rv2876	-	1	1	460.1	86.9	-373.2	-2.4	0.6628	1
Rv2877c	-	16	13	18596.7	13209.5	-5387.1	-0.49	0.5044	1
Rv2878c	mpt53	5	5	3304.9	4620	1315.1	0.48	0.7074	1
Rv2879c	-	8	8	95294.7	56748.4	-38546.4	-0.75	0.363	1
Rv2880c	-	10	8	7976.5	14202.9	6226.4	0.83	0.3577	1
Rv2881c	cdsA	8	1	0	15.8	15.8	2.98	1	1
Rv2882c	frr	14	5	1.8	63.2	61.4	5.11	0.0871	0.8839
Rv2883c	pyrH	9	2	0	31.6	31.6	3.98	0.4309	1
Rv2884	-	9	8	12522.6	10901.3	-1621.3	-0.2	0.8192	1
Rv2885c	-	14	12	3263.1	4241.6	978.5	0.38	0.6624	1
Rv2886c	-	15	10	4549.7	4437	-112.7	-0.04	0.9682	1
Rv2887	-	7	5	510.9	694.6	183.7	0.44	0.8355	1
Rv2888c	amiC	26	24	14523.4	16588.5	2065.1	0.19	0.9195	1
Rv2889c	tsf	7	3	2	21.1	19.1	3.4	0.175	1
Rv2890c	rpsB	4	2	0	21.1	21.1	3.4	0.4195	1
Rv2891	-	12	11	3516.4	3728.3	211.9	0.08	0.8984	1
Rv2892c	PPE45	13	12	8498.1	13523.9	5025.7	0.67	0.5708	1
Rv2893	-	5	4	966.2	211.6	-754.6	-2.19	0.0072	0.331
Rv2894c	xerC	8	0	0	0	0	0	1	1
Rv2895c	viuB	9	6	7965.8	6027.2	-1938.6	-0.4	0.6215	1
Rv2896c	-	14	12	3439	6075	2635.9	0.82	0.4086	1
Rv2897c	-	10	3	954.9	562.9	-392	-0.76	0.5331	1
Rv2898c	-	2	0	0	0	0	0	1	1
Rv2899c	fdhD	10	2	1346.8	3324.3	1977.5	1.3	0.97	1
Rv2900c	fdhF	21	16	6301.5	5859.1	-442.4	-0.11	0.8838	1
Rv2901c	-	7	7	893	562.4	-330.6	-0.67	0.3779	1
Rv2902c	rnhB	10	8	3092.9	2962.2	-130.7	-0.06	0.9807	1
Rv2903c	lepB	12	3	0	52.7	52.7	4.72	0.1236	0.9863
Rv2904c	rplS	4	1	1.8	5.3	3.4	1.53	1	1
Rv2905	lppW	14	10	34979.3	36978.3	1999	0.08	0.933	1
Rv2906c	trmD	8	5	1.8	63.2	61.4	5.11	0.0874	0.8839
Rv2907c	rimM	5	2	0	15.8	15.8	2.98	0.4354	1
Rv2908c	-	6	2	21.9	0	-21.9	-3.46	0.4243	1
Rv2909c	rpsP	6	1	69.5	0	-69.5	-5.12	1	1
Rv2910c	-	9	8	6006.3	10658.4	4652.1	0.83	0.5677	1
Rv2911	dacB2	8	5	9327.6	4404.5	-4923.1	-1.08	0.3546	1
Rv2912c	-	7	6	1386	268.4	-1117.6	-2.37	0.0343	0.6165
Rv2913c	-	23	18	16312	4831.6	-11480.4	-1.76	0.3563	1
Rv2914c	pknI	19	13	12142.8	12971.3	828.6	0.1	0.9059	1
Rv2915c	-	11	9	2081	4047.3	1966.2	0.96	0.3373	1
Rv2916c	ffh	6	0	0	0	0	0	1	1
Rv2917	-	21	19	7868.6	17127.6	9259.1	1.12	0.1814	1
Rv2918c	glnD	21	18	9162.2	7540.5	-1621.7	-0.28	0.7418	1
Rv2919c	glnB	5	4	77.5	52.7	-24.8	-0.56	0.7735	1
Rv2920c	amt	13	7	2472.8	2328.6	-144.2	-0.09	0.9611	1
Rv2921c	ftsY	9	2	3.7	5.3	1.6	0.53	1	1
Rv2922A	acyP	1	0	0	0	0	0	1	1
Rv2922c	smc	30	13	872.5	400.3	-472.2	-1.12	0.1349	1
Rv2923c	-	4	4	1557.9	767.1	-790.8	-1.02	0.4957	1
Rv2924c	fpg	13	13	10095.1	14072.8	3977.7	0.48	0.6643	1
Rv2925c	rnc	9	3	0	63.2	63.2	4.98	0.1822	1
Rv2926c	-	3	0	0	0	0	0	1	1
Rv2927c	-	9	4	1.8	194.9	193.1	6.74	0.1612	1
Rv2928	tesA	20	12	3635.1	4356.5	721.4	0.26	0.8111	1
Rv2929	-	4	4	1527.6	1364.8	-162.8	-0.16	0.8221	1
Rv2930	fadD26	29	25	31575.7	21222.3	-10353.4	-0.57	0.3143	1
Rv2931	ppsA	56	45	113193.9	76620.9	-36573	-0.56	0.5701	1
Rv2932	ppsB	57	42	21482.1	41553.7	20071.6	0.95	0.2681	1
Rv2933	ppsC	68	53	45171	56614.4	11443.4	0.33	0.4808	1
Rv2934	ppsD	49	35	28603.9	44176.7	15572.8	0.63	0.2344	1
Rv2935	ppsE	47	42	38030.3	48989.9	10959.5	0.37	0.6336	1
Rv2936	drrA	11	11	11468.6	32050.4	20581.8	1.48	0.0339	0.6157
Rv2937	drrB	20	20	26216	30537.3	4321.3	0.22	0.8019	1
Rv2938	drrC	21	20	45553.9	45147	-406.9	-0.01	0.9814	1
Rv2939	papA5	22	20	20548	27737	7189	0.43	0.4298	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv2940c	mas	59	53	107310.3	102547.9	-4762.4	-0.07	0.9121	1
Rv2941	fadD28	36	30	19723.1	23672.3	3949.2	0.26	0.7068	1
Rv2942	mmpL7	29	24	40910.9	23337.7	-17573.2	-0.81	0.138	1
Rv2943	-	9	8	7869.1	7449.3	-419.7	-0.08	0.9136	1
Rv2943A	-	4	2	1207.2	501.6	-705.6	-1.27	0.2861	1
Rv2944	-	9	7	4418.4	2353	-2065.4	-0.91	0.3148	1
Rv2945c	lppX	8	8	11971.9	14692.9	2721	0.3	0.6369	1
Rv2946c	pks1	41	33	41895.5	36365	-5530.5	-0.2	0.713	1
Rv2947c	pks15	16	14	102162.6	209502	107339.4	1.04	0.3945	1
Rv2948c	fadD22	39	34	72528.4	73490.2	961.8	0.02	0.9597	1
Rv2949c	-	16	13	1537.7	612	-925.7	-1.33	0.0224	0.5646
Rv2950c	fadD29	28	23	36704.8	28809.6	-7895.2	-0.35	0.4559	1
Rv2951c	-	19	18	6911.4	6199.1	-712.3	-0.16	0.7938	1
Rv2952	-	13	11	9565.2	12526.3	2961.1	0.39	0.7472	1
Rv2953	-	19	14	9636.2	4594.5	-5041.8	-1.07	0.379	1
Rv2954c	-	12	11	12681.2	11855.3	-826	-0.1	0.8937	1
Rv2955c	-	14	13	5107.9	12341.2	7233.4	1.27	0.3862	1
Rv2956	-	14	8	1725.9	2172.3	446.4	0.33	0.7482	1
Rv2957	-	12	11	26776.4	15158.3	-11618.1	-0.82	0.1975	1
Rv2958c	-	21	21	37044.9	39020.1	1975.2	0.07	0.8794	1
Rv2959c	-	20	13	2258.1	4181.3	1923.2	0.89	0.4905	1
Rv2960c	-	5	4	3661.4	4864.9	1203.5	0.41	0.6369	1
Rv2961	-	7	4	18068.3	15179.6	-2888.7	-0.25	0.7403	1
Rv2962c	-	14	11	14150.6	12484	-1666.6	-0.18	0.6889	1
Rv2963	-	19	17	7596.5	6499	-1097.5	-0.23	0.7829	1
Rv2964	purU	17	10	6370.6	5533.9	-836.7	-0.2	0.8281	1
Rv2965c	coaD	2	0	0	0	0	0	1	1
Rv2966c	-	5	5	754.9	75.4	-679.5	-3.32	0.222	1
Rv2967c	pca	49	25	968	1291.5	323.5	0.42	0.8259	1
Rv2968c	-	9	4	1.8	94.8	93	5.7	0.1154	0.973
Rv2969c	-	9	2	0	94.8	94.8	5.57	0.4245	1
Rv2970A	-	3	3	1487.2	4781.4	3294.2	1.68	0.9481	1
Rv2970c	lipN	14	11	4500.9	2504.3	-1996.6	-0.85	0.2217	1
Rv2971	-	13	5	0	200.1	200.1	6.64	0.0319	0.6032
Rv2972c	-	10	8	7220.3	5965.1	-1255.2	-0.28	0.8473	1
Rv2973c	recG	17	10	710.3	846.6	136.4	0.25	0.8746	1
Rv2974c	-	17	13	6985.5	10764.6	3779.1	0.62	0.4215	1
Rv2975c	-	2	1	128	340.2	212.2	1.41	1	1
Rv2976c	ung	7	3	5936.1	2721.5	-3214.6	-1.13	0.3623	1
Rv2977c	thiL	5	1	0	42.1	42.1	4.4	1	1
Rv2978c	-	11	6	383.4	113.2	-270.2	-1.76	0.0634	0.8304
Rv2979c	-	6	6	2187.4	3026.6	839.2	0.47	0.5831	1
Rv2980	-	4	1	0	5.3	5.3	1.4	1	1
Rv2981c	ddl	12	2	0	63.2	63.2	4.98	0.4334	1
Rv2982c	gpsA	5	5	2867.2	1270.6	-1596.6	-1.17	0.2727	1
Rv2983	-	4	3	141.3	0	-141.3	-6.14	0.0409	0.6771
Rv2984	ppk	27	5	3.7	115.9	112.2	4.99	0.0317	0.6032
Rv2985	mutT1	15	12	2870.2	1698.5	-1171.7	-0.76	0.2659	1
Rv2986c	hupB	7	2	0	57.9	57.9	4.86	0.4157	1
Rv2987c	leuD	8	1	1.8	0	-1.8	0.13	1	1
Rv2988c	leuC	11	0	0	0	0	0	1	1
Rv2989	-	6	1	133.6	5.3	-128.4	-4.67	0.3375	1
Rv2990c	-	13	10	9548.9	22537	12988.1	1.24	0.5697	1
Rv2991	-	5	4	2476.8	1609.6	-867.2	-0.62	0.2971	1
Rv2992c	gltX	14	3	0	63.2	63.2	4.98	0.1834	1
Rv2993c	-	5	4	1168.5	312.4	-856.1	-1.9	0.1536	1
Rv2994	-	15	10	5600.8	3032.2	-2568.7	-0.89	0.3684	1
Rv2995c	leuB	8	4	1.8	142.2	140.4	6.28	0.1202	0.9768
Rv2996c	serA1	10	2	0	26.3	26.3	3.72	0.4235	1
Rv2997	-	13	10	4683.2	1401.3	-3281.9	-1.74	0.1265	0.9971
Rv2998	-	4	3	625.7	50.8	-574.9	-3.62	0.0989	0.9348
Rv2998A	-	1	0	0	0	0	0	1	1
Rv2999	lppY	9	4	793	78.1	-714.9	-3.34	0.067	0.8362
Rv3000	-	6	2	353.9	1087	733	1.62	0.4786	1
Rv3001c	ilvC	9	2	0	26.3	26.3	3.72	0.4295	1
Rv3002c	ilvH	4	1	40.2	0	-40.2	-4.33	1	1
Rv3003c	ilvB1	12	2	0	73.7	73.7	5.2	0.4253	1
Rv3004	cfp6	3	1	2345.9	1109	-1236.9	-1.08	0.6708	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3005c	-	17	13	12368.2	4129.8	-8238.4	-1.58	0.0225	0.5646
Rv3006	lppZ	15	8	0	226.5	226.5	6.82	0.0023	0.137
Rv3007c	-	8	6	7970.3	16308.6	8338.3	1.03	0.331	1
Rv3008	-	12	11	18167.1	16453	-1714.1	-0.14	0.8805	1
Rv3009c	gatB	15	5	1.8	84.3	82.4	5.53	0.0887	0.891
Rv3010c	pfkA	6	6	1877.5	1844.9	-32.5	-0.03	0.9869	1
Rv3011c	gatA	19	7	3.7	189.6	186	5.7	0.0055	0.2778
Rv3012c	gatC	0	0	0	0	0	0	1	1
Rv3013	-	3	2	1015.2	5614.3	4599.1	2.47	0.0782	0.88
Rv3014c	ligA	8	2	1.8	79	77.2	5.43	0.4277	1
Rv3015c	-	7	5	2079.4	946.2	-1133.2	-1.14	0.2903	1
Rv3016	lpqA	8	7	8712.3	7532.7	-1179.5	-0.21	0.7594	1
Rv3017c	esxQ	5	4	1651.4	643.3	-1008.1	-1.36	0.0155	0.4825
Rv3018A	PE27A	0	0	0	0	0	0	1	1
Rv3018c	PPE46	22	12	9888.5	8985.5	-903.1	-0.14	0.8771	1
Rv3019c	esxR	6	4	12476.6	11054.9	-1421.7	-0.17	0.8195	1
Rv3020c	esxS	5	3	140.8	177.4	36.6	0.33	0.7433	1
Rv3021c	PPE47	19	5	5871.3	6170.6	299.3	0.07	0.8779	1
Rv3022A	PE29	6	5	2756.1	6672.5	3916.4	1.28	0.2499	1
Rv3022c	PPE48	5	5	6558.1	13660	7101.9	1.06	0.5211	1
Rv3023c	-	13	11	19582.6	29548.9	9966.3	0.59	0.5715	1
Rv3024c	trmU	11	4	1.8	457.6	455.7	7.97	0.0759	0.876
Rv3025c	iscS	13	0	0	0	0	0	1	1
Rv3026c	-	8	7	7266.3	5882.3	-1384	-0.3	0.6936	1
Rv3027c	-	14	11	8642	7786.9	-855.1	-0.15	0.8803	1
Rv3028c	fixB	7	3	0	89.5	89.5	5.48	0.1834	1
Rv3029c	fixA	5	1	0	52.7	52.7	4.72	1	1
Rv3030	-	9	1	0	15.8	15.8	2.98	1	1
Rv3031	-	17	4	0	63.2	63.2	4.98	0.0763	0.876
Rv3032	-	6	0	0	0	0	0	1	1
Rv3033	-	2	2	674.9	905.9	231.1	0.42	0.8885	1
Rv3034c	-	9	2	1.8	142.2	140.4	6.28	0.429	1
Rv3035	-	9	1	0	5.3	5.3	1.4	1	1
Rv3036c	TB22.2	14	14	30268.7	22260.2	-8008.5	-0.44	0.5706	1
Rv3037c	-	11	8	3075.5	4430	1354.6	0.53	0.6484	1
Rv3038c	-	6	2	0	15.8	15.8	2.98	0.4277	1
Rv3039c	echA17	7	3	397.9	33.5	-364.3	-3.57	0.118	0.9753
Rv3040c	-	10	7	3174.1	3031.6	-142.5	-0.07	0.9349	1
Rv3041c	-	7	5	759	500.6	-258.3	-0.6	0.6925	1
Rv3042c	serB2	9	1	1.8	94.8	93	5.7	1	1
Rv3043c	ctaD	19	5	0	100.1	100.1	5.64	0.0314	0.6032
Rv3044	fecB	10	5	1.8	165	163.1	6.49	0.1069	0.9551
Rv3045	adhC	15	14	4370.9	5363.9	993.1	0.3	0.7377	1
Rv3046c	-	1	1	169.4	26.3	-143.1	-2.69	0.3391	1
Rv3047c	-	5	4	4305.8	3287.2	-1018.6	-0.39	0.6311	1
Rv3048c	nrdF	21	7	9.5	121.1	111.7	3.67	0.0291	0.5985
Rv3049c	-	24	22	39780	48177	8397	0.28	0.7086	1
Rv3050c	-	6	5	18863.5	10716.2	-8147.2	-0.82	0.2132	1
Rv3051c	nrdE	37	8	1	268.6	267.6	8.07	0.0073	0.331
Rv3052c	nrdI	11	3	0	21.1	21.1	3.4	0.1817	1
Rv3053c	nrdH	5	2	0	15.8	15.8	2.98	0.4289	1
Rv3054c	-	4	3	7317.6	7102.3	-215.4	-0.04	0.9644	1
Rv3055	-	4	2	50.5	143.9	93.4	1.51	1	1
Rv3056	dinP	16	11	13976.3	7794.7	-6181.6	-0.84	0.2704	1
Rv3057c	-	15	14	20948.6	8375.7	-12572.9	-1.32	0.0181	0.5159
Rv3058c	-	9	8	2063.2	2818.3	755.1	0.45	0.7472	1
Rv3059	cyp136	17	15	22957.7	21478.9	-1478.8	-0.1	0.8583	1
Rv3060c	-	21	17	75927.9	51420.3	-24507.6	-0.56	0.6481	1
Rv3061c	fadE22	16	14	5063.9	5254	190.1	0.05	0.9609	1
Rv3062	ligB	13	7	2847.3	2899.7	52.3	0.03	0.9858	1
Rv3063	cstA	23	22	21847.5	33730.1	11882.6	0.63	0.416	1
Rv3064c	-	7	6	21859.3	16715	-5144.3	-0.39	0.6375	1
Rv3065	mmr	6	4	366.2	440.5	74.3	0.27	0.9982	1
Rv3066	-	8	7	3826.6	837.3	-2989.3	-2.19	0.036	0.6315
Rv3067	-	5	4	4567.6	7912.5	3344.9	0.79	0.4523	1
Rv3068c	pgmA	23	18	19646.6	11578	-8068.7	-0.76	0.1521	1
Rv3069	ccrB	3	3	2782.4	821.2	-1961.1	-1.76	0.0858	0.8839
Rv3070	ccrB	5	4	3393.7	2359.7	-1033.9	-0.52	0.6664	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3071	-	9	7	2642.8	1260.5	-1382.2	-1.07	0.2263	1
Rv3072c	-	8	7	22081.7	36221.1	14139.4	0.71	0.7207	1
Rv3073c	-	3	3	606.6	122.3	-484.2	-2.31	0.1096	0.9637
Rv3074	-	12	10	6593.3	11505.3	4912	0.8	0.3326	1
Rv3075c	-	9	6	10577.6	17398.6	6821	0.72	0.6425	1
Rv3076	-	5	3	3886.2	4042.6	156.4	0.06	0.9464	1
Rv3077	-	28	22	15672.9	14722.8	-950.1	-0.09	0.849	1
Rv3078	hab	5	3	186	80.7	-105.4	-1.21	0.3633	1
Rv3079c	-	13	10	6810.8	4979	-1831.7	-0.45	0.4282	1
Rv3080c	pknK	21	17	5249.8	4980.9	-268.9	-0.08	0.9196	1
Rv3081	-	13	9	2803.2	1090.3	-1712.9	-1.36	0.2622	1
Rv3082c	virS	16	9	8967	7540.5	-1426.4	-0.25	0.7685	1
Rv3083	-	21	18	19848	16710.8	-3137.1	-0.25	0.7335	1
Rv3084	lipR	11	9	48202.8	52665.9	4463.1	0.13	0.8888	1
Rv3085	-	3	2	728.5	431.7	-296.8	-0.75	0.5764	1
Rv3086	adhD	6	6	1465.6	4699.8	3234.2	1.68	0.4098	1
Rv3087	-	9	8	5157	4482.4	-674.6	-0.2	0.8102	1
Rv3088	-	10	7	7703.2	6509.7	-1193.5	-0.24	0.7905	1
Rv3089	fadD13	17	15	6699.7	6582.6	-117.1	-0.03	0.9659	1
Rv3090	-	6	6	4282.1	5443.1	1161.1	0.35	0.7391	1
Rv3091	-	13	12	9685.4	14313.5	4628.1	0.56	0.6967	1
Rv3092c	-	8	6	14094.4	25705.8	11611.4	0.87	0.4213	1
Rv3093c	-	11	8	1648.8	6415.2	4766.4	1.96	0.4085	1
Rv3094c	-	10	8	16300.8	16226	-74.8	-0.01	0.9936	1
Rv3095	-	5	5	10321.8	10911	589.2	0.08	0.912	1
Rv3096	-	10	10	8909.1	17900.2	8991.1	1.01	0.1909	1
Rv3097c	PE_PGRS63	20	19	34578.7	32339.3	-2239.4	-0.1	0.8773	1
Rv3098c	-	7	5	1245.1	707.2	-537.9	-0.82	0.2235	1
Rv3099c	-	5	5	2881.2	5429.2	2548	0.91	0.4592	1
Rv3100c	smpB	2	0	0	0	0	0	1	1
Rv3101c	ftsX	12	3	0	115.9	115.9	5.86	0.1802	1
Rv3102c	ftsE	6	2	0	158	158	6.3	0.4288	1
Rv3103c	-	6	5	4047.4	8176.4	4129	1.01	0.5998	1
Rv3104c	-	8	6	5454	8722.1	3268.1	0.68	0.7377	1
Rv3105c	prfB	15	4	0	142.2	142.2	6.15	0.0734	0.8752
Rv3106	fprA	15	11	7464	4726.6	-2737.4	-0.66	0.2689	1
Rv3107c	agpS	20	14	6163.6	7133	969.4	0.21	0.7718	1
Rv3108	-	5	5	165.8	57.9	-107.8	-1.52	0.21	1
Rv3109	moaA1	30	14	3345.9	5784.6	2438.7	0.79	0.4002	1
Rv3110	moaB1	8	4	7677.4	6153.1	-1524.2	-0.32	0.7826	1
Rv3111	moaC	12	12	2837.1	5311.6	2474.5	0.9	0.2581	1
Rv3112	moaD1	5	3	151.2	36.9	-114.3	-2.04	0.1967	1
Rv3113	-	7	3	244.2	151.6	-92.7	-0.69	0.4153	1
Rv3114	-	5	4	826.6	765.7	-60.9	-0.11	0.9738	1
Rv3115	-	13	11	17132.3	28708	11575.8	0.74	0.5335	1
Rv3116	moeB2	20	15	95307.4	41837.5	-53469.9	-1.19	0.5592	1
Rv3117	cysA3	10	10	12003.3	8127	-3876.3	-0.56	0.2795	1
Rv3118	sseC1	1	1	2056.5	4157.1	2100.6	1.02	0.3309	1
Rv3119	moaE1	8	8	10504.8	7749.7	-2755.1	-0.44	0.4952	1
Rv3120	-	9	8	12755.4	8853.9	-3901.5	-0.53	0.477	1
Rv3121	cyp141	18	13	26150.6	26653.7	503	0.03	0.9605	1
Rv3122	-	5	5	7187.4	3362.9	-3824.5	-1.1	0.0474	0.7219
Rv3123	-	4	3	2687.9	2045.2	-642.7	-0.39	0.6997	1
Rv3124	-	23	16	4120.1	2576.6	-1543.5	-0.68	0.4861	1
Rv3125c	PPE49	19	14	32975.6	16017.6	-16957.9	-1.04	0.1857	1
Rv3126c	-	1	0	0	0	0	0	1	1
Rv3127	-	14	10	4514.8	618.7	-3896.2	-2.87	0.0191	0.5405
Rv3129	-	4	4	1463.7	2400.4	936.7	0.71	0.7179	1
Rv3130c	-	20	11	2871.7	1131	-1740.7	-1.34	0.0261	0.5985
Rv3131	-	13	7	1438.4	1736.2	297.8	0.27	0.9986	1
Rv3132c	devS	22	12	2455.5	3943	1487.4	0.68	0.5787	1
Rv3133c	devR	10	5	359.1	1041	682	1.54	0.3641	1
Rv3134c	-	4	4	5719.2	2177.5	-3541.7	-1.39	0.3059	1
Rv3135	PPE50	7	7	1046.3	585.6	-460.7	-0.84	0.2748	1
Rv3136	PPE51	15	11	2495.6	4977.2	2481.6	1	0.3384	1
Rv3137	-	6	0	0	0	0	0	1	1
Rv3138	pflA	16	15	13143.1	15800.4	2657.3	0.27	0.7561	1
Rv3139	fadE24	18	4	0	147.5	147.5	6.2	0.0773	0.88

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3140	fadE23	16	2	0	47.4	47.4	4.57	0.4248	1
Rv3141	fadB4	11	7	1127.6	586.1	-541.5	-0.94	0.4185	1
Rv3142c	-	8	8	8848.2	16046.9	7198.8	0.86	0.3891	1
Rv3143	-	4	4	1060.6	205.4	-855.1	-2.37	0.1008	0.9359
Rv3144c	PPE52	14	12	5195.7	4774.7	-420.9	-0.12	0.9878	1
Rv3145	nuoA	7	5	1137.9	580.1	-557.8	-0.97	0.2797	1
Rv3146	nuoB	6	6	3514.7	1019.4	-2495.3	-1.79	0.1331	1
Rv3147	nuoC	10	8	1783	368.5	-1414.6	-2.27	0.123	0.9863
Rv3148	nuoD	18	9	1791.3	40.2	-1751.1	-5.48	0	0
Rv3149	nuoE	8	8	3640.9	499.4	-3141.4	-2.87	0.0128	0.4403
Rv3150	nuoF	21	16	3638.4	662.2	-2976.1	-2.46	0	0
Rv3151	nuoG	24	14	5196.7	1097.2	-4099.5	-2.24	0.0144	0.471
Rv3152	nuoH	21	18	5002.2	983.8	-4018.5	-2.35	0	0
Rv3153	nuoI	18	13	9252.2	1286.6	-7965.6	-2.85	0.0063	0.3029
Rv3154	nuoJ	8	5	457.5	101.8	-355.8	-2.17	0.2181	1
Rv3155	nuoK	4	2	190.3	0	-190.3	-6.57	0.0277	0.5985
Rv3156	nuoL	24	17	5833.3	1250.9	-4582.4	-2.22	0.0014	0.098
Rv3157	nuoM	23	13	3737.3	738.6	-2998.7	-2.34	0.1056	0.9499
Rv3158	nuoN	25	23	19039.7	2556.3	-16483.5	-2.9	0	0
Rv3159c	PPE53	21	15	18341.4	18360.9	19.5	0	0.9981	1
Rv3160c	-	6	3	560	430.7	-129.3	-0.38	0.7724	1
Rv3161c	-	15	8	2446.4	1056.6	-1389.8	-1.21	0.0512	0.7538
Rv3162c	-	5	3	1027.1	56	-971.1	-4.2	0.0275	0.5985
Rv3163c	-	13	8	12014.6	10615.5	-1399.1	-0.18	0.8435	1
Rv3164c	moxR3	10	6	6687.5	8712.1	2024.6	0.38	0.7591	1
Rv3165c	-	1	1	275.6	501.6	226	0.86	1	1
Rv3166c	-	10	6	1515.9	3381.7	1865.8	1.16	0.7689	1
Rv3167c	-	8	6	1863.7	1112.6	-751	-0.74	0.3777	1
Rv3168	-	14	6	463	110.6	-352.4	-2.07	0.1144	0.973
Rv3169	-	13	8	758.3	407.3	-351	-0.9	0.3764	1
Rv3170	aofH	10	8	2819.1	2944.4	125.3	0.06	0.9521	1
Rv3171c	hpx	9	6	964.3	2197	1232.7	1.19	0.4845	1
Rv3172c	-	13	12	5495.3	6647	1151.7	0.27	0.9298	1
Rv3173c	-	5	2	22	0	-22	-3.46	0.4431	1
Rv3174	-	9	6	970.7	430.2	-540.4	-1.17	0.362	1
Rv3175	-	15	10	8598.9	20713	12114.1	1.27	0.4452	1
Rv3176c	mesT	10	6	2652.6	1785.6	-867.1	-0.57	0.6285	1
Rv3177	-	5	3	218.9	29.7	-189.3	-2.88	0.1912	1
Rv3178	-	6	4	2126.4	2842.1	715.6	0.42	0.9688	1
Rv3179	-	12	11	19677.3	17718.8	-1958.5	-0.15	0.8646	1
Rv3180c	-	4	4	312.3	2388.9	2076.7	2.94	0.4405	1
Rv3181c	-	5	3	817	775	-42	-0.08	0.9711	1
Rv3182	-	1	0	0	0	0	0	1	1
Rv3183	-	2	1	1601.4	2144.8	543.4	0.42	1	1
Rv3184	-	3	3	2747.7	2219.9	-527.7	-0.31	0.6046	1
Rv3185	-	17	17	9360.4	11759.6	2399.1	0.33	0.5231	1
Rv3186	-	3	3	2787.8	2157.7	-630.1	-0.37	0.585	1
Rv3187	-	17	16	9302.9	11867.1	2564.1	0.35	0.4789	1
Rv3188	-	4	2	1731	141.3	-1589.7	-3.62	0.3959	1
Rv3189	-	7	6	5888.1	1947.9	-3940.1	-1.6	0.0091	0.3743
Rv3190c	-	19	17	11786.5	14529.8	2743.2	0.3	0.63	1
Rv3191c	-	11	11	3982.1	5178.7	1196.6	0.38	0.7026	1
Rv3192	-	4	3	946	981.6	35.7	0.05	0.9397	1
Rv3193c	-	65	10	9.1	226.5	217.3	4.63	0.0027	0.1539
Rv3194c	-	9	9	2097	2370.9	273.9	0.18	0.8476	1
Rv3195	-	13	10	6825.3	3569.2	-3256.1	-0.94	0.1039	0.9433
Rv3196	-	7	7	13098.3	11586.7	-1511.6	-0.18	0.8569	1
Rv3196A	-	1	1	603.6	782.5	178.9	0.37	1	1
Rv3197	-	13	11	4177.4	4924.9	747.5	0.24	0.7732	1
Rv3197A	whiB7	3	3	813.3	124.3	-689	-2.71	0.1196	0.9768
Rv3198A	-	5	5	12656.4	10323.2	-2333.2	-0.29	0.7121	1
Rv3198c	uvrD2	27	2	24258	31644.4	7386.4	0.38	0.6066	1
Rv3199c	nudC	7	7	3082.5	2458.2	-624.4	-0.33	0.7155	1
Rv3200c	-	9	8	14609.6	5853.5	-8756.1	-1.32	0.2976	1
Rv3201c	-	26	17	2989.4	665.6	-2323.8	-2.17	0.0063	0.3029
Rv3202c	-	21	14	3027.8	1669	-1358.8	-0.86	0.3804	1
Rv3203	lipV	9	8	3103.4	426.2	-2677.2	-2.86	0.0147	0.4762
Rv3204	-	3	2	294.7	266.5	-28.2	-0.15	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3205c	-	10	4	389.5	268.6	-120.9	-0.54	0.6787	1
Rv3206c	moeB1	17	5	1.8	84.3	82.4	5.53	0.089	0.891
Rv3207c	-	13	9	552.6	66.6	-486	-3.05	0.0003	0.0307
Rv3208	-	8	1	0	5.3	5.3	1.4	1	1
Rv3208A	TB9.4	3	3	367.4	573.6	206.2	0.64	0.6887	1
Rv3209	-	7	6	16366.3	29269.8	12903.5	0.84	0.3795	1
Rv3210c	-	8	4	216.7	10.5	-206.2	-4.36	0.1158	0.973
Rv3211	rhlE	20	5	3.7	189.6	186	5.7	0.0868	0.8839
Rv3212	-	14	1	0	84.3	84.3	5.4	1	1
Rv3213c	-	7	7	4313.8	5781.1	1467.4	0.42	0.6947	1
Rv3214	gpm2	10	5	2355.5	3555.2	1199.7	0.59	0.6544	1
Rv3215	entC	13	2	0	84.3	84.3	5.4	0.4311	1
Rv3216	-	4	4	5086.2	4607	-479.2	-0.14	0.8599	1
Rv3217c	-	3	3	1642.7	1358.8	-284	-0.27	0.7706	1
Rv3218	-	15	12	12096.5	9717.6	-2378.9	-0.32	0.6433	1
Rv3219	whiB1	3	0	0	0	0	0	1	1
Rv3220c	-	15	12	2270.4	8207.5	5937.1	1.85	0.2838	1
Rv3221A	-	2	0	0	0	0	0	1	1
Rv3221c	TB7.3	2	0	0	0	0	0	1	1
Rv3222c	-	6	2	3.8	0	-3.8	-0.94	0.1457	1
Rv3223c	sigH	13	12	8926.8	2354.9	-6571.9	-1.92	0.0406	0.675
Rv3224	-	13	11	30485.4	13880	-16605.4	-1.14	0.05	0.7389
Rv3224A	-	2	2	577	138.4	-438.6	-2.06	0.3512	1
Rv3224B	-	3	2	66.7	6.9	-59.8	-3.26	0.0813	0.8839
Rv3225c	-	16	12	10379.5	11909.3	1529.7	0.2	0.7937	1
Rv3226c	-	4	4	2428.7	6024	3595.3	1.31	0.1848	1
Rv3227	aroA	5	0	0	0	0	0	1	1
Rv3228	-	4	0	0	0	0	0	1	1
Rv3229c	-	18	13	16520.3	70.1	-16450.1	-7.88	0	0
Rv3230c	-	12	9	2582.1	152.7	-2429.4	-4.08	0.0003	0.0307
Rv3231c	-	5	5	7135.5	4475.6	-2659.9	-0.67	0.4635	1
Rv3232c	pvdS	19	19	25839.2	20651.2	-5188	-0.32	0.3575	1
Rv3233c	-	11	10	17519.4	13826.7	-3692.7	-0.34	0.4155	1
Rv3234c	-	13	12	23596.6	23148.6	-448.1	-0.03	0.9634	1
Rv3235	-	4	4	1735	247.8	-1487.2	-2.81	0.0492	0.7352
Rv3236c	-	8	6	1508.9	1787.3	278.4	0.24	0.8533	1
Rv3237c	-	6	5	3562.9	579.4	-2983.5	-2.62	0.0294	0.5985
Rv3238c	-	13	12	13256.4	12552.7	-703.7	-0.08	0.9314	1
Rv3239c	-	46	42	118668.4	176677.7	58009.4	0.57	0.4345	1
Rv3240c	secA1	36	5	29.5	94.8	65.3	1.69	0.4545	1
Rv3241c	-	8	7	5408.5	8033.2	2624.8	0.57	0.4366	1
Rv3242c	-	4	3	1819.5	2080.3	260.8	0.19	0.8974	1
Rv3243c	-	3	3	757.1	2052.1	1295.1	1.44	0.6051	1
Rv3244c	lpqB	16	4	0	47.4	47.4	4.57	0.0786	0.8809
Rv3245c	mtrB	16	1	1.8	15.8	14	3.11	1	1
Rv3246c	mtrA	9	1	0	84.3	84.3	5.4	1	1
Rv3247c	tmk	8	2	0	15.8	15.8	2.98	0.4377	1
Rv3248c	sahH	15	3	0	147.5	147.5	6.2	0.1806	1
Rv3249c	-	10	9	1348.2	461.1	-887.1	-1.55	0.0256	0.5985
Rv3250c	rubB	1	1	280.7	100.1	-180.7	-1.49	0.3268	1
Rv3251c	rubA	2	2	966.5	310.5	-655.9	-1.64	0.0575	0.805
Rv3252c	alkB	24	23	23427.3	24835.9	1408.6	0.08	0.8881	1
Rv3253c	-	14	11	7154.8	3610.7	-3544	-0.99	0.1676	1
Rv3254	-	15	12	17446.4	11216.6	-6229.8	-0.64	0.5347	1
Rv3255c	manA	16	1	0	15.8	15.8	2.98	1	1
Rv3256c	-	7	5	791.5	4451.7	3660.2	2.49	0.5598	1
Rv3257c	manB	18	7	3.7	126.4	122.8	5.11	0.0294	0.5985
Rv3258c	-	2	0	0	0	0	0	1	1
Rv3259	-	1	1	301.3	70.1	-231.2	-2.1	0.3293	1
Rv3260c	whiB2	2	0	0	0	0	0	1	1
Rv3261	fbiA	11	4	23.5	60.6	37.1	1.37	0.5126	1
Rv3262	fbiB	10	5	330.8	194.9	-135.9	-0.76	0.778	1
Rv3263	-	20	17	22179.7	32963.1	10783.4	0.57	0.2557	1
Rv3264c	manB	12	2	0	42.1	42.1	4.4	0.4264	1
Rv3265c	wbbL1	12	3	3.7	26.3	22.7	2.85	0.0987	0.9348
Rv3266c	rmlD	13	1	0	15.8	15.8	2.98	1	1
Rv3267	-	16	2	21	0	-21	-3.39	0.4426	1
Rv3268	-	13	12	8031.9	12146.2	4114.3	0.6	0.43	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3269	-	4	0	0	0	0	0	1	1
Rv3270	ctpC	11	6	624.3	115.9	-508.4	-2.43	0.0676	0.8362
Rv3271c	-	5	3	48.7	0	-48.7	-4.61	0.0673	0.8362
Rv3272	-	16	13	22650.7	45065	22414.4	0.99	0.311	1
Rv3273	-	24	16	7310.6	6682.1	-628.5	-0.13	0.8383	1
Rv3274c	fadE25	12	7	348.8	126.4	-222.4	-1.46	0.2079	1
Rv3275c	purE	4	1	1	0	-1	1	1	1
Rv3276c	purK	7	2	0	73.7	73.7	5.2	0.4343	1
Rv3277	-	11	5	4	36.9	32.9	3.2	0.2142	1
Rv3278c	-	6	5	2926.4	1920.2	-1006.2	-0.61	0.5049	1
Rv3279c	birA	4	1	0	21.1	21.1	3.4	1	1
Rv3280	accD5	25	8	0	337.1	337.1	7.4	0.0019	0.1223
Rv3281	-	2	1	0	36.9	36.9	4.2	1	1
Rv3282	maf	11	5	1121.5	436.9	-684.6	-1.36	0.247	1
Rv3283	sseA	12	3	0	26.3	26.3	3.72	0.1799	1
Rv3284	-	5	5	275.9	183.6	-92.2	-0.59	0.5819	1
Rv3285	accA3	19	7	7.3	115.9	108.6	3.99	0.032	0.6032
Rv3286c	sigF	8	7	4147.8	2350.2	-1797.6	-0.82	0.2924	1
Rv3287c	rsbW	2	2	1881.6	1010.6	-871	-0.9	0.4829	1
Rv3288c	usfY	6	6	6110.9	6929.9	818.9	0.18	0.8475	1
Rv3289c	-	5	4	3640.2	8504.6	4864.4	1.22	0.2065	1
Rv3290c	lat	15	13	13387.7	16017.5	2629.8	0.26	0.7946	1
Rv3291c	-	7	6	1778.1	195.8	-1582.3	-3.18	0.0364	0.6315
Rv3292	-	14	13	3492.8	9154.1	5661.2	1.39	0.7681	1
Rv3293	pcd	10	10	4626.1	9263.1	4636.9	1	0.4277	1
Rv3294c	-	15	13	10748.4	6931.5	-3816.9	-0.63	0.5661	1
Rv3295	-	11	10	25406.2	21715.3	-3690.9	-0.23	0.6775	1
Rv3296	lhr	41	32	26010.1	44843.2	18833.1	0.79	0.1472	1
Rv3297	nei	5	5	2786.8	4356.2	1569.4	0.64	0.6575	1
Rv3298c	lpqC	7	6	6632.2	9910	3277.8	0.58	0.3904	1
Rv3299c	atsB	40	29	14904.6	19062.1	4157.5	0.35	0.655	1
Rv3300c	-	8	5	2144.5	1281.4	-863.1	-0.74	0.5152	1
Rv3301c	phoY1	5	4	1202.8	297.8	-904.9	-2.01	0.0991	0.9348
Rv3302c	glpD2	25	5	1.8	173.8	172	6.57	0.0697	0.8505
Rv3303c	lpdA	14	5	710.5	1337.4	626.9	0.91	0.9483	1
Rv3304	-	5	3	127.1	15.8	-111.3	-3.01	0.0695	0.8505
Rv3305c	amiA1	15	10	670	827.7	157.7	0.3	0.7097	1
Rv3306c	amiB1	14	7	1895.5	1090.3	-805.2	-0.8	0.3437	1
Rv3307	deoD	8	7	2347.9	1189	-1158.9	-0.98	0.1695	1
Rv3308	pmmB	16	12	2304.3	6226.6	3922.2	1.43	0.4802	1
Rv3309c	upp	7	5	6561.9	2578.3	-3983.6	-1.35	0.2555	1
Rv3310	-	9	9	7708.2	11280.1	3571.9	0.55	0.6679	1
Rv3311	-	10	9	31601.7	15694.9	-15906.8	-1.01	0.5828	1
Rv3312A	-	4	3	4110.5	15737.4	11626.9	1.94	0.0023	0.137
Rv3312c	-	13	11	35189	53720.4	18531.5	0.61	0.6714	1
Rv3313c	add	8	6	1327.5	1492.3	164.8	0.17	0.9443	1
Rv3314c	deoA	7	7	10648.3	9035.7	-1612.6	-0.24	0.7448	1
Rv3315c	cdd	2	2	1139.5	1409.5	269.9	0.31	0.5626	1
Rv3316	sdhC	5	5	2139.7	5121	2981.3	1.26	0.1079	0.9606
Rv3317	sdhD	2	2	380.2	10.5	-369.7	-5.17	0.1436	1
Rv3318	sdhA	22	19	9471.6	20269.5	10797.9	1.1	0.0807	0.8839
Rv3319	sdhB	8	4	683.8	1837	1153.3	1.43	0.2129	1
Rv3320c	-	4	3	236.1	136.9	-99.2	-0.79	0.4807	1
Rv3321c	-	2	0	0	0	0	0	1	1
Rv3322c	-	6	5	2477.9	3532.9	1055	0.51	0.6087	1
Rv3323c	moaX	11	11	9271.3	9367.1	95.8	0.01	0.9827	1
Rv3324c	moaC	9	7	53787.2	27971.8	-25815.4	-0.94	0.54	1
Rv3325	-	3	3	2798.7	2070.5	-728.2	-0.43	0.5876	1
Rv3326	-	17	17	9458.4	11609	2150.5	0.3	0.5726	1
Rv3327	-	16	16	9938.5	8796.9	-1141.6	-0.18	0.7418	1
Rv3328c	sigJ	11	5	8676.6	8932.7	256.1	0.04	0.9638	1
Rv3329	-	15	14	6472.8	3477.6	-2995.2	-0.9	0.0537	0.7763
Rv3330	dacB1	14	13	36996.6	12723.3	-24273.3	-1.54	0.275	1
Rv3331	sugI	20	15	18323	22680.2	4357.2	0.31	0.6247	1
Rv3332	nagA	4	4	1375.2	143.9	-1231.3	-3.26	0.1201	0.9768
Rv3333c	-	9	7	14463.5	6689.9	-7773.5	-1.11	0.3694	1
Rv3334	-	8	8	6860.3	11285.8	4425.5	0.72	0.4409	1
Rv3335c	-	7	3	1129.2	670.4	-458.8	-0.75	0.5243	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3336c	trpS	10	1	0	10.5	10.5	2.4	1	1
Rv3337	-	8	5	4395.1	2152.7	-2242.4	-1.03	0.3362	1
Rv3338	-	4	4	1019.8	1611.7	591.9	0.66	0.8717	1
Rv3339c	icd1	17	14	3598.6	13732.1	10133.5	1.93	0.0998	0.9359
Rv3340	metC	13	8	4380.4	1360.1	-3020.3	-1.69	0.1188	0.9753
Rv3341	metX	12	3	0	142.2	142.2	6.15	0.0593	0.8131
Rv3342	-	6	3	771.1	1904.7	1133.6	1.3	0.7268	1
Rv3343c	PPE54	110	78	71382.9	81496.5	10113.6	0.19	0.5871	1
Rv3344c	PE_PGRS49	5	4	375.6	711.6	336	0.92	0.8764	1
Rv3345c	PE_PGRS50	37	20	3064.4	11345.1	8280.7	1.89	0.2964	1
Rv3346c	-	3	2	3231.6	4216.9	985.3	0.38	0.5169	1
Rv3347c	PPE55	80	75	125876.2	113899.8	-11976.4	-0.14	0.6725	1
Rv3348	-	2	2	32.3	1.7	-30.6	-4.27	0.0294	0.5985
Rv3349c	-	2	2	732.4	199.2	-533.2	-1.88	0.0608	0.8277
Rv3350c	PPE56	94	85	121499	122432.2	933.1	0.01	0.9638	1
Rv3351c	-	11	11	48082.1	45951.1	-2131	-0.07	0.9247	1
Rv3352c	-	1	1	87.3	189.9	102.5	1.12	0.6646	1
Rv3353c	-	3	2	11530.1	8696.7	-2833.4	-0.41	0.9608	1
Rv3354	-	5	5	3792.4	1543.3	-2249.1	-1.3	0.0481	0.7242
Rv3355c	-	3	1	1014.4	1313.5	299.1	0.37	0.664	1
Rv3356c	folD	6	1	1.8	0	-1.8	0.13	1	1
Rv3357	-	4	4	1429.2	841.1	-588.1	-0.76	0.4782	1
Rv3358	-	2	2	306.6	85.5	-221.1	-1.84	0.288	1
Rv3359	-	16	16	22203.8	9277	-12926.8	-1.26	0.129	1
Rv3360	-	2	2	5365.9	941.9	-4424	-2.51	0.0312	0.6032
Rv3361c	-	4	1	1.8	0	-1.8	0.13	1	1
Rv3362c	-	6	4	808.9	130	-678.9	-2.64	0.1421	1
Rv3363c	-	4	2	1348.4	32.3	-1316.1	-5.38	0.0291	0.5985
Rv3364c	-	4	3	1667	612.7	-1054.3	-1.44	0.2556	1
Rv3365c	-	24	21	12004.6	9745.2	-2259.4	-0.3	0.7408	1
Rv3366	spoU	4	2	1987.2	86.9	-1900.3	-4.52	0.1971	1
Rv3367	PE_PGRS51	16	15	6581.8	4339.1	-2242.6	-0.6	0.3948	1
Rv3368c	-	7	7	5099	1991.7	-3107.3	-1.36	0.084	0.8839
Rv3369	-	5	5	482.2	1129.1	646.8	1.23	0.5039	1
Rv3370c	dnaE2	26	20	15750.7	11386.1	-4364.6	-0.47	0.4186	1
Rv3371	-	18	7	1363.5	1018	-345.5	-0.42	0.7699	1
Rv3372	otsB2	8	1	0	26.3	26.3	3.72	1	1
Rv3373	echA18	2	2	685.2	358.2	-327.1	-0.94	0.3793	1
Rv3374	echA18.1	2	1	79.8	0	-79.8	-5.32	0.3333	1
Rv3375	amiD	18	12	1984.4	1378.3	-606.1	-0.53	0.5936	1
Rv3376	-	7	7	3817.6	2658.7	-1158.8	-0.52	0.5722	1
Rv3377c	-	45	27	3263.4	7936.9	4673.5	1.28	0.3823	1
Rv3378c	-	31	15	1367	1670	303	0.29	0.8195	1
Rv3379c	dxs2	23	17	26044.2	37883.8	11839.7	0.54	0.5802	1
Rv3380c	-	17	17	13352.2	13492.2	140	0.02	0.9814	1
Rv3381c	-	3	3	2542.9	2171.1	-371.8	-0.23	0.7172	1
Rv3382c	lytB1	8	5	4569	22046	17477	2.27	0.1171	0.973
Rv3383c	idsB	15	13	51526.1	125271	73745	1.28	0.4156	1
Rv3384c	-	2	2	2759.2	1740.2	-1019	-0.67	0.3099	1
Rv3385c	-	1	1	1667.8	167.4	-1500.4	-3.32	0.3382	1
Rv3386	-	6	4	2355.6	4361.2	2005.7	0.89	0.5344	1
Rv3387	-	4	2	465.4	268.9	-196.5	-0.79	0.4849	1
Rv3388	PE_PGRS52	14	12	2104.3	3082.8	978.5	0.55	0.6165	1
Rv3389c	-	5	5	3744.9	2919.4	-825.5	-0.36	0.8269	1
Rv3390	lpqD	10	10	23999.3	25721.6	1722.2	0.1	0.8685	1
Rv3391	acrA1	25	23	41010.6	25090.5	-15920.2	-0.71	0.2609	1
Rv3392c	cmaA1	9	6	89.7	136.9	47.2	0.61	0.9335	1
Rv3393	iunH	9	8	7340.9	3442.6	-3898.3	-1.09	0.1009	0.9359
Rv3394c	-	8	5	3284.5	2092.6	-1191.9	-0.65	0.6156	1
Rv3395A	-	7	4	617.3	45.3	-572	-3.77	0.0108	0.4104
Rv3395c	-	3	2	132.3	5.3	-127	-4.65	0.0284	0.5985
Rv3396c	guaA	11	2	0	52.7	52.7	4.72	0.4319	1
Rv3397c	phyA	13	10	2205.4	2056.7	-148.7	-0.1	0.9094	1
Rv3398c	idsA1	6	4	180.3	2494.4	2314	3.79	0.1987	1
Rv3399	-	13	10	1961.4	2113.1	151.7	0.11	0.9099	1
Rv3400	-	10	8	4223.3	1775.4	-2447.9	-1.25	0.1698	1
Rv3401	-	28	21	28320.9	26076.2	-2244.7	-0.12	0.7952	1
Rv3402c	-	20	19	22088.2	21250.6	-837.6	-0.06	0.9167	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3403c	-	18	17	59201.9	23279.8	-35922.1	-1.35	0.1388	1
Rv3404c	-	7	7	6339.1	4239.4	-2099.7	-0.58	0.3884	1
Rv3405c	-	6	5	5071.9	3381.6	-1690.4	-0.58	0.5211	1
Rv3406	-	11	11	14708.8	6557.3	-8151.5	-1.17	0.2751	1
Rv3407	-	2	2	2926.2	2762.5	-163.7	-0.08	0.9937	1
Rv3408	-	6	5	6285.5	4868.4	-1417	-0.37	0.6182	1
Rv3409c	choD	15	13	6540.2	3335.5	-3204.7	-0.97	0.2447	1
Rv3410c	guaB3	10	4	4.8	10.5	5.7	1.13	0.4788	1
Rv3411c	guaB2	9	4	1	158	157	7.3	0.2054	1
Rv3412	-	7	7	3183.3	7979.1	4795.8	1.33	0.1581	1
Rv3413c	-	4	4	6943.8	4089.1	-2854.7	-0.76	0.4041	1
Rv3414c	sigD	5	4	678.8	383.8	-294.9	-0.82	0.4472	1
Rv3415c	-	6	5	4028.5	715.4	-3313.1	-2.49	0.0471	0.72
Rv3416	whiB3	3	3	1388.3	189.6	-1198.7	-2.87	0.0747	0.876
Rv3417c	groEL	12	8	2089.1	2632.2	543.1	0.33	0.7213	1
Rv3418c	groES	4	0	0	0	0	0	1	1
Rv3419c	gcp	12	8	6849.5	2545.1	-4304.4	-1.43	0.1968	1
Rv3420c	rimI	10	8	8101.9	1974.5	-6127.4	-2.04	0.1017	0.939
Rv3421c	-	9	5	460.7	762.1	301.4	0.73	0.4363	1
Rv3422c	-	3	2	5.5	5.3	-0.2	-0.06	1	1
Rv3423c	alr	15	2	3	0	-3	-0.58	0.4307	1
Rv3424c	-	6	6	1940.6	10004.6	8064	2.37	0.2746	1
Rv3425	PPE57	14	14	6227.5	9708.9	3481.4	0.64	0.344	1
Rv3426	PPE58	21	14	3168.6	2826.4	-342.2	-0.16	0.8155	1
Rv3427c	-	6	6	1955.1	5201.4	3246.3	1.41	0.4518	1
Rv3428c	-	13	8	1909	2515.3	606.3	0.4	0.8036	1
Rv3429	PPE59	19	19	11524.1	21994.1	10470	0.93	0.0896	0.8921
Rv3430c	-	16	14	11289.9	9338.9	-1951	-0.27	0.6374	1
Rv3431c	-	7	5	3991	3541	-450	-0.17	0.7915	1
Rv3432c	gadB	17	16	22547.3	21789.6	-757.8	-0.05	0.943	1
Rv3433c	-	7	4	2959.5	550.4	-2409.1	-2.43	0.1173	0.973
Rv3434c	-	10	10	3688.7	1968	-1720.7	-0.91	0.1245	0.9896
Rv3435c	-	10	8	17736.5	17783.8	47.4	0	0.9976	1
Rv3436c	glmS	23	2	1.8	110.6	108.8	5.92	0.429	1
Rv3437	-	6	5	7405.5	4163.5	-3242	-0.83	0.2139	1
Rv3438	-	9	7	456.9	36.9	-420	-3.63	0.0081	0.3438
Rv3439c	-	5	5	22870.2	11324	-11546.2	-1.01	0.4461	1
Rv3440c	-	2	1	165.9	10.5	-155.3	-3.98	0.3327	1
Rv3441c	mrsA	13	0	0	0	0	0	1	1
Rv3442c	rpsI	6	0	0	0	0	0	1	1
Rv3443c	rplM	5	0	0	0	0	0	1	1
Rv3444c	esxT	1	1	56.7	10.5	-46.2	-2.43	1	1
Rv3445c	esxU	2	1	438.1	68.5	-369.7	-2.68	0.334	1
Rv3446c	-	12	10	27654.2	24492	-3162.2	-0.18	0.827	1
Rv3447c	-	40	24	14040.4	4638	-9402.4	-1.6	0.0926	0.9056
Rv3448	-	20	11	2144.2	8954.1	6809.9	2.06	0.32	1
Rv3449	mycP4	15	11	5845.8	3601.2	-2244.7	-0.7	0.2149	1
Rv3450c	-	11	9	8815.1	11437.8	2622.6	0.38	0.7423	1
Rv3451	cut3	12	11	19397.7	12411.3	-6986.4	-0.64	0.5319	1
Rv3452	cut4	5	4	2743.8	4411.4	1667.6	0.69	0.6441	1
Rv3453	-	6	5	2081.8	3650.2	1568.5	0.81	0.3957	1
Rv3454	-	20	16	8635.2	21767.3	13132.1	1.33	0.3949	1
Rv3455c	truA	8	0	0	0	0	0	1	1
Rv3456c	rplQ	6	0	0	0	0	0	1	1
Rv3457c	rpoA	9	1	1	0	-1	1	1	1
Rv3458c	rpsD	9	1	0	5.3	5.3	1.4	1	1
Rv3459c	rpsK	1	0	0	0	0	0	1	1
Rv3460c	rpsM	6	2	0	15.8	15.8	2.98	0.4319	1
Rv3461c	rpmJ	1	0	0	0	0	0	1	1
Rv3462c	infA	3	0	0	0	0	0	1	1
Rv3463	-	15	12	18847.2	10753.2	-8094	-0.81	0.1892	1
Rv3464	rmlB	15	1	1	0	-1	1	1	1
Rv3465	rmlC	8	0	0	0	0	0	1	1
Rv3466	-	5	3	215.2	42.1	-173	-2.35	0.05	0.7389
Rv3467	-	13	12	6683.8	9252.6	2568.8	0.47	0.4692	1
Rv3468c	-	13	11	6591.9	3556.7	-3035.3	-0.89	0.3306	1
Rv3469c	mhpE	9	8	4735.8	4728.7	-7.1	0	0.9985	1
Rv3470c	ilvB2	13	9	5171.9	7532	2360.1	0.54	0.5569	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3471c	-	6	5	3771.3	6172.1	2400.8	0.71	0.3412	1
Rv3472	-	10	10	4619.6	6454.3	1834.6	0.48	0.6945	1
Rv3473c	bpoA	7	6	20950.3	16713.3	-4236.9	-0.33	0.7528	1
Rv3474	-	3	3	2697.9	2122.3	-575.7	-0.35	0.5946	1
Rv3475	-	19	19	9512.3	11997.8	2485.5	0.33	0.5177	1
Rv3476c	kgtP	27	24	11515.4	18779.9	7264.5	0.71	0.1784	1
Rv3477	PE31	3	3	1256.4	249.2	-1007.1	-2.33	0.0122	0.4382
Rv3478	PPE60	12	10	13188.5	17795.8	4607.2	0.43	0.5179	1
Rv3479	-	26	21	22945.4	10023.2	-12922.2	-1.19	0.2964	1
Rv3480c	-	24	18	7287.5	14332.7	7045.2	0.98	0.4577	1
Rv3481c	-	6	5	1620	3441.1	1821.1	1.09	0.9002	1
Rv3482c	-	7	5	19932	26489.3	6557.3	0.41	0.5768	1
Rv3483c	-	7	7	18598.4	16290.2	-2308.2	-0.19	0.7836	1
Rv3484	cpsA	21	19	107789.3	35188	-72601.3	-1.62	0.0001	0.0114
Rv3485c	-	9	9	10016.7	10730	713.3	0.1	0.8955	1
Rv3486	-	4	4	4503.9	4315.9	-187.9	-0.06	0.9113	1
Rv3487c	lipF	10	9	28251.7	37685.7	9434	0.42	0.4052	1
Rv3488	-	4	3	604.5	103.7	-500.8	-2.54	0.1629	1
Rv3489	-	1	1	0	5.3	5.3	1.4	1	1
Rv3490	otsA	26	4	3.7	84.3	80.6	4.53	0.1972	1
Rv3491	-	8	6	3705.6	3241.2	-464.4	-0.19	0.8383	1
Rv3492c	-	7	6	2395.6	6618.1	4222.6	1.47	0.9822	1
Rv3493c	-	8	7	6142	4330.1	-1811.9	-0.5	0.5994	1
Rv3494c	mce4F	15	11	12320.7	6014.7	-6305.9	-1.03	0.1909	1
Rv3495c	lprN	9	8	11368.6	6390.3	-4978.3	-0.83	0.2605	1
Rv3496c	mce4D	19	14	13311.9	11017.6	-2294.3	-0.27	0.637	1
Rv3497c	mce4C	8	8	9015.4	6810.4	-2205	-0.4	0.5696	1
Rv3498c	mce4B	10	7	26847.7	7995.4	-18852.3	-1.75	0.2658	1
Rv3499c	mce4A	21	20	13065.5	12724.9	-340.6	-0.04	0.9591	1
Rv3500c	yrbE4B	15	14	27701.1	50751.5	23050.4	0.87	0.2035	1
Rv3501c	yrbE4A	7	7	29038.6	11583.5	-17455	-1.33	0.277	1
Rv3502c	fabG	10	8	7924.6	5824	-2100.6	-0.44	0.6525	1
Rv3503c	fdxD	2	2	1016.9	1054.9	37.9	0.05	1	1
Rv3504	fadE26	16	14	11755.7	7537.3	-4218.4	-0.64	0.1784	1
Rv3505	fadE27	9	7	848.9	538.9	-310	-0.66	0.5602	1
Rv3506	fadD17	18	14	12129.8	16234.4	4104.6	0.42	0.6764	1
Rv3507	PE_PGRS53	34	17	2362.8	10712.6	8349.8	2.18	0.1039	0.9433
Rv3508	PE_PGRS54	24	8	107.2	3680.5	3573.3	5.1	0.0849	0.8839
Rv3509c	ilvX	17	14	17273.1	12411.5	-4861.6	-0.48	0.3759	1
Rv3510c	-	12	12	8721.2	6712.7	-2008.5	-0.38	0.5004	1
Rv3511	PE_PGRS55	22	17	7354.1	7347.9	-6.1	0	0.9986	1
Rv3512	PE_PGRS56	24	14	502.7	7720	7217.3	3.94	0.0228	0.5686
Rv3513c	fadD18	10	9	4678.8	9115.7	4436.9	0.96	0.4202	1
Rv3514	PE_PGRS57	22	8	1585.1	2023.1	438	0.35	0.7401	1
Rv3515c	fadD19	22	17	13058.9	12093.8	-965.1	-0.11	0.8947	1
Rv3516	echA19	7	6	1047.8	1702.8	655	0.7	0.9128	1
Rv3517	-	13	8	2666.9	2642.5	-24.4	-0.01	0.9868	1
Rv3518c	cyp142	10	4	2376.7	2546.8	170.1	0.1	0.8978	1
Rv3519	-	9	8	16471	9326.8	-7144.1	-0.82	0.4573	1
Rv3520c	-	12	10	7387.4	9470.6	2083.2	0.36	0.5297	1
Rv3521	-	11	9	7024.2	6767.8	-256.4	-0.05	0.9153	1
Rv3522	ltp4	14	11	4634.4	3223.1	-1411.3	-0.52	0.3574	1
Rv3523	ltp3	12	8	2054.3	3066.3	1012	0.58	0.5903	1
Rv3524	-	14	12	45355.3	60388.4	15033.1	0.41	0.6551	1
Rv3525c	-	8	7	6501.5	7081.2	579.7	0.12	0.8616	1
Rv3526	-	15	13	10422.8	7291.4	-3131.4	-0.52	0.5165	1
Rv3527	-	5	4	927.7	472.9	-454.8	-0.97	0.4168	1
Rv3528c	-	28	7	391.9	2288.2	1896.3	2.55	0.2396	1
Rv3529c	-	21	11	2883.1	1449.5	-1433.6	-0.99	0.4385	1
Rv3530c	-	16	9	2425.9	655.3	-1770.6	-1.89	0.0465	0.7136
Rv3531c	-	20	15	8209.8	6211.2	-1998.6	-0.4	0.7299	1
Rv3532	PPE61	16	15	25499	30041.7	4542.7	0.24	0.8827	1
Rv3533c	PPE62	15	11	6938.9	9479.8	2541	0.45	0.7126	1
Rv3534c	-	5	3	5203.8	1369.7	-3834.1	-1.93	0.084	0.8839
Rv3535c	-	9	8	3380.6	4434	1053.4	0.39	0.8908	1
Rv3536c	-	6	4	2133.4	3073.4	940	0.53	0.6893	1
Rv3537	-	26	13	21057.9	19305.9	-1752	-0.13	0.9054	1
Rv3538	-	10	3	348.6	5.3	-343.4	-6.05	0.46	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3539	PPE63	22	17	8781.2	4569.1	-4212.1	-0.94	0.3819	1
Rv3540c	ltp2	15	6	260.2	18.9	-241.3	-3.78	0.0386	0.6571
Rv3541c	-	6	2	308.9	252.1	-56.8	-0.29	0.8211	1
Rv3542c	-	12	9	5789.2	6372.2	583	0.14	0.8982	1
Rv3543c	fadE29	13	7	1456.6	2221.5	765	0.61	0.8484	1
Rv3544c	fadE28	15	12	37528.4	47594.8	10066.4	0.34	0.6628	1
Rv3545c	cyp125	16	12	11174.3	6049.4	-5124.9	-0.89	0.2128	1
Rv3546	fadA5	4	3	5042.4	3417.2	-1625.2	-0.56	0.5969	1
Rv3547	-	9	9	10012.8	8025.8	-1987.1	-0.32	0.7248	1
Rv3548c	-	6	6	5383.9	3379.5	-2004.4	-0.67	0.5729	1
Rv3549c	-	8	8	4513.1	912.7	-3600.4	-2.31	0.2372	1
Rv3550	echA20	3	1	152.8	5.3	-147.5	-4.86	0.3405	1
Rv3551	-	10	5	1108.2	858.6	-249.6	-0.37	0.8216	1
Rv3552	-	8	3	607.3	279.9	-327.4	-1.12	0.4046	1
Rv3553	-	5	4	191	964	772.9	2.34	0.9978	1
Rv3554	fdxB	21	18	10978.9	18174.1	7195.2	0.73	0.2448	1
Rv3555c	-	9	5	3678.2	9736.2	6058	1.4	0.4458	1
Rv3556c	fadA6	10	7	2347.2	421.1	-1926.1	-2.48	0.066	0.8362
Rv3557c	-	14	11	3633.1	1225.8	-2407.3	-1.57	0.0122	0.4382
Rv3558	PPE64	12	10	4022.5	4522	499.5	0.17	0.8508	1
Rv3559c	-	6	6	1778.4	2563.8	785.4	0.53	0.5659	1
Rv3560c	fadE30	11	9	2173	1262	-911.1	-0.78	0.3446	1
Rv3561	fadD3	7	6	8837.4	806.1	-8031.2	-3.45	0.0706	0.8562
Rv3562	fadE31	11	2	382.7	10.3	-372.4	-5.22	0.0319	0.6032
Rv3563	fadE32	9	7	21992.7	11092.7	-10900	-0.99	0.4227	1
Rv3564	fadE33	9	4	6741	4994.1	-1746.9	-0.43	0.5648	1
Rv3565	aspB	13	4	307.5	131.4	-176.1	-1.23	0.3177	1
Rv3566A	-	3	2	2045.3	791	-1254.2	-1.37	0.4522	1
Rv3566c	nat	11	7	3344.2	2799.8	-544.4	-0.26	0.7959	1
Rv3567c	-	7	4	1203	242	-960.9	-2.31	0.0389	0.6577
Rv3568c	bphC	10	4	10368.2	5031.5	-5336.7	-1.04	0.3284	1
Rv3569c	bphD	9	5	505.1	121.1	-383.9	-2.06	0.1712	1
Rv3570c	-	16	11	5587	7443.3	1856.3	0.41	0.623	1
Rv3571	hmp	10	10	1419.7	2834.7	1415	1	0.7179	1
Rv3572	-	5	4	2234.9	3499	1264.1	0.65	0.7591	1
Rv3573c	fadE34	16	11	3237.7	3877.1	639.4	0.26	0.8123	1
Rv3574	-	10	6	20	73.7	53.7	1.88	0.2178	1
Rv3575c	-	13	11	14665.3	16330.9	1665.6	0.16	0.8944	1
Rv3576	lppH	7	6	2434.7	1213.6	-1221.1	-1	0.276	1
Rv3577	-	11	6	3207	4235.2	1028.3	0.4	0.8848	1
Rv3578	arsB2	9	8	6383	7865.5	1482.5	0.3	0.7417	1
Rv3579c	-	9	2	0	73.7	73.7	5.2	0.4276	1
Rv3580c	cysS	21	0	0	0	0	0	1	1
Rv3581c	ispF	4	1	0	5.3	5.3	1.4	1	1
Rv3582c	ispD	9	0	0	0	0	0	1	1
Rv3583c	-	5	0	0	0	0	0	1	1
Rv3584	lpqE	3	1	988.8	568.8	-420	-0.8	0.6654	1
Rv3585	radA	14	10	5625.5	7319	1693.5	0.38	0.6313	1
Rv3586	-	11	9	5147.2	1996.5	-3150.7	-1.37	0.2848	1
Rv3587c	-	10	0	0	0	0	0	1	1
Rv3588c	-	6	0	0	0	0	0	1	1
Rv3589	mutY	12	9	12181.1	5963.3	-6217.8	-1.03	0.2692	1
Rv3590c	PE_PGRS58	14	9	383.9	112.3	-271.6	-1.77	0.0756	0.876
Rv3591c	-	10	7	849.4	158	-691.4	-2.43	0.0057	0.2843
Rv3592	TB11.2	2	2	430.8	296.6	-134.2	-0.54	0.5977	1
Rv3593	lpqF	12	0	0	0	0	0	1	1
Rv3594	-	9	8	5957.5	3391.2	-2566.3	-0.81	0.6004	1
Rv3595c	PE_PGRS59	11	6	1638.5	437.2	-1201.3	-1.91	0.2869	1
Rv3596c	clpC1	21	2	0	10.5	10.5	2.4	0.4313	1
Rv3597c	lsr2	3	0	0	0	0	0	1	1
Rv3598c	lysS	26	1	0	68.5	68.5	5.1	1	1
Rv3599c	-	1	0	0	0	0	0	1	1
Rv3600c	-	12	11	6844.5	9300.9	2456.4	0.44	0.8146	1
Rv3601c	panD	7	0	0	0	0	0	1	1
Rv3602c	panC	9	0	0	0	0	0	1	1
Rv3603c	-	10	9	15156	8880.9	-6275.2	-0.77	0.462	1
Rv3604c	-	12	0	0	0	0	0	1	1
Rv3605c	-	4	4	3110.5	2314.5	-796	-0.43	0.6601	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3606c	folK	4	2	931.5	163	-768.4	-2.51	0.1679	1
Rv3607c	folB	5	1	510.1	164.7	-345.3	-1.63	0.34	1
Rv3608c	folP1	6	0	0	0	0	0	1	1
Rv3609c	folE	9	0	0	0	0	0	1	1
Rv3610c	ftsH	23	5	85.2	147.5	62.3	0.79	0.8758	1
Rv3611	-	0	0	0	0	0	0	1	1
Rv3612c	-	2	1	662.7	135.8	-527	-2.29	0.3317	1
Rv3613c	-	0	0	0	0	0	0	1	1
Rv3614c	-	7	6	11901	6176.2	-5724.8	-0.95	0.2753	1
Rv3615c	-	9	8	15784	11869.4	-3914.6	-0.41	0.5367	1
Rv3616c	-	9	8	6918.7	5145.5	-1773.2	-0.43	0.6468	1
Rv3617	ephA	15	14	52438.3	38355.4	-14082.9	-0.45	0.5087	1
Rv3618	-	18	15	4571.4	7537.7	2966.4	0.72	0.3404	1
Rv3619c	esxV	3	3	2908.9	2495.3	-413.7	-0.22	0.7368	1
Rv3620c	esxW	2	2	394.5	279.9	-114.6	-0.5	0.3177	1
Rv3621c	PPE65	10	9	33733.1	7442.1	-26291	-2.18	0.3388	1
Rv3622c	PE32	4	4	7435.9	3768	-3667.9	-0.98	0.2247	1
Rv3623	lpqG	5	4	7556	3007.3	-4548.7	-1.33	0.2242	1
Rv3624c	hpt	9	0	0	0	0	0	1	1
Rv3625c	mesJ	6	0	0	0	0	0	1	1
Rv3626c	-	10	7	3841.3	2440.7	-1400.6	-0.65	0.4863	1
Rv3627c	-	11	1	0	15.8	15.8	2.98	1	1
Rv3628	ppa	8	0	0	0	0	0	1	1
Rv3629c	-	12	12	18597.5	15530.4	-3067.1	-0.26	0.6817	1
Rv3630	-	21	14	3782.6	846.6	-2936	-2.16	0.004	0.2186
Rv3631	-	2	1	3339.2	600.7	-2738.5	-2.47	0.3314	1
Rv3632	-	5	5	3355.1	2206.4	-1148.7	-0.6	0.4599	1
Rv3633	-	12	10	8858.2	10249.7	1391.5	0.21	0.7414	1
Rv3634c	galE1	17	1	0	10.5	10.5	2.4	1	1
Rv3635	-	20	1	0	21.1	21.1	3.4	1	1
Rv3636	-	3	3	503.2	0	-503.2	-7.97	0.0012	0.0855
Rv3637	-	4	2	1583.8	1098	-485.8	-0.53	0.7445	1
Rv3638	-	9	7	3654.6	2766.2	-888.4	-0.4	0.5984	1
Rv3639c	-	8	5	6549	5552	-997	-0.24	0.7293	1
Rv3640c	-	12	11	3353.1	4908.9	1555.8	0.55	0.4719	1
Rv3641c	fic	7	6	1948.4	2949.1	1000.8	0.6	0.7272	1
Rv3642c	-	2	2	2061.5	7810.4	5748.9	1.92	0.5352	1
Rv3643	-	5	3	1958.3	3397.7	1439.4	0.79	0.4747	1
Rv3644c	-	11	0	0	0	0	0	1	1
Rv3645	-	19	1	0	26.3	26.3	3.72	1	1
Rv3646c	topA	38	0	0	0	0	0	1	1
Rv3647c	-	7	5	651.5	621.8	-29.7	-0.07	0.972	1
Rv3648c	cspA	4	0	0	0	0	0	1	1
Rv3649	-	26	16	7537.4	9127.5	1590.1	0.28	0.7125	1
Rv3650	PE33	3	1	1139.1	1116.2	-22.9	-0.03	1	1
Rv3651	-	12	3	984.2	1987.9	1003.7	1.01	0.4256	1
Rv3652	PE_PGRS60	4	3	1398.9	2097.1	698.1	0.58	0.5809	1
Rv3653	PE_PGRS61	4	2	657.2	1333.1	675.9	1.02	0.7119	1
Rv3654c	-	0	0	0	0	0	0	1	1
Rv3655c	-	4	4	742.7	94.8	-647.9	-2.97	0.3297	1
Rv3656c	-	3	1	231.2	159.2	-72	-0.54	1	1
Rv3657c	-	5	4	1493.7	1116	-377.7	-0.42	0.6963	1
Rv3658c	-	7	4	1362.2	96.5	-1265.7	-3.82	0.1409	1
Rv3659c	-	5	4	2738.6	1379.3	-1359.3	-0.99	0.4868	1
Rv3660c	-	6	2	614.1	2066.8	1452.7	1.75	1	1
Rv3661	-	11	10	5528.8	5010.8	-518	-0.14	0.8502	1
Rv3662c	-	3	0	0	0	0	0	1	1
Rv3663c	dppD	20	9	4042.7	6847.8	2805.1	0.76	0.407	1
Rv3664c	dppC	11	4	3031.8	1456.4	-1575.5	-1.06	0.3719	1
Rv3665c	dppB	12	7	1617.4	4527.1	2909.7	1.48	0.8472	1
Rv3666c	dppA	19	6	1173.9	288.5	-885.3	-2.02	0.2734	1
Rv3667	acs	30	23	24774.3	32128.5	7354.2	0.38	0.584	1
Rv3668c	-	6	6	2456.5	1046.1	-1410.4	-1.23	0.2387	1
Rv3669	-	3	1	4	0	-4	-1	1	1
Rv3670	ephE	10	1	0	3.4	3.4	0.75	1	1
Rv3671c	-	10	0	0	0	0	0	1	1
Rv3672c	-	6	3	328.4	1174.6	846.1	1.84	0.9474	1
Rv3673c	-	5	1	1	0	-1	1	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3674c	nth	7	5	1860.1	1720.3	-139.9	-0.11	0.8594	1
Rv3675	-	3	3	2638.3	7055.7	4417.5	1.42	0.2979	1
Rv3676	-	2	1	0	1.7	1.7	-0.25	1	1
Rv3677c	-	9	5	2861.3	4354.6	1493.3	0.61	0.7204	1
Rv3678A	-	1	1	2548.5	1452.3	-1096.1	-0.81	0.3311	1
Rv3678c	-	4	3	567	1450.1	883.1	1.35	0.7095	1
Rv3679	-	11	5	661.9	125.9	-535.9	-2.39	0.608	1
Rv3680	-	17	9	360	227.9	-132.1	-0.66	0.5048	1
Rv3681c	whiB4	4	3	1031.3	84.3	-947	-3.61	0.0478	0.7242
Rv3682	ponA2	31	18	1603.7	133.4	-1470.3	-3.59	0	0
Rv3683	-	11	10	17718.4	3652.3	-14066.1	-2.28	0.0253	0.5985
Rv3684	-	14	13	5534.9	6451.9	917.1	0.22	0.9343	1
Rv3685c	cyp137	14	10	21835.4	3514.7	-18320.7	-2.64	0.0005	0.0416
Rv3686c	-	4	4	23584.9	12059.9	-11525	-0.97	0.4052	1
Rv3687c	rsfB	4	2	854.3	794.4	-59.9	-0.1	0.9466	1
Rv3688c	-	4	4	2213.3	1403.9	-809.3	-0.66	0.4786	1
Rv3689	-	23	16	14037.2	10981.5	-3055.7	-0.35	0.5235	1
Rv3690	-	9	8	845.6	178.8	-666.7	-2.24	0.0529	0.7675
Rv3691	-	11	9	4127.1	3852.9	-274.3	-0.1	0.9437	1
Rv3692	moxR2	12	11	2857.3	1181.3	-1676	-1.27	0.1623	1
Rv3693	-	11	6	5761.9	6040.6	278.8	0.07	0.9419	1
Rv3694c	-	12	10	2914.9	4236.4	1321.6	0.54	0.9908	1
Rv3695	-	9	7	2830.2	4274.1	1443.9	0.59	0.8633	1
Rv3696c	glpK	22	20	4107.6	375.6	-3732	-3.45	0	0
Rv3697c	-	8	7	6268.7	10459.7	4191	0.74	0.7466	1
Rv3698	-	30	22	7362.1	6150.9	-1211.1	-0.26	0.7194	1
Rv3699	-	8	7	2412.5	460.4	-1952.1	-2.39	0.067	0.8362
Rv3700c	-	11	10	2386.3	7886.6	5500.3	1.72	0.2941	1
Rv3701c	-	9	4	455	159.7	-295.3	-1.51	0.2847	1
Rv3702c	-	7	5	337.2	4930.1	4593	3.87	0.912	1
Rv3703c	-	14	12	4622.6	10961.2	6338.6	1.25	0.1316	1
Rv3704c	gshA	11	7	6307.6	4760.1	-1547.5	-0.41	0.6292	1
Rv3705A	-	4	3	718.3	1991.8	1273.5	1.47	0.3488	1
Rv3705c	-	5	5	1614.5	301	-1313.6	-2.42	0.0278	0.5985
Rv3706c	-	3	2	6092.1	10130.9	4038.8	0.73	0.3466	1
Rv3707c	-	12	11	22163.8	18077.3	-4086.5	-0.29	0.6988	1
Rv3708c	asd	8	0	0	0	0	0	1	1
Rv3709c	ask	10	2	2	10.5	8.5	2.4	1	1
Rv3710	leuA	22	3	0	63.2	63.2	4.98	0.1775	1
Rv3711c	dnaQ	12	10	8379.5	3796.5	-4583	-1.14	0.0737	0.8752
Rv3712	-	6	0	0	0	0	0	1	1
Rv3713	cobQ2	8	2	0	6.9	6.9	1.8	0.4198	1
Rv3714c	-	10	9	27337.2	22709	-4628.2	-0.27	0.6689	1
Rv3715c	recR	3	1	13.8	0	-13.8	-2.79	0.3274	1
Rv3716c	-	3	1	171.7	3.4	-168.3	-5.68	0.3245	1
Rv3717	-	9	8	2356.3	4207.1	1850.8	0.84	0.6584	1
Rv3718c	-	4	2	165.2	5.3	-159.9	-4.97	0.1733	1
Rv3719	-	24	15	4626.8	1549.5	-3077.3	-1.58	0.0054	0.2762
Rv3720	-	27	24	20376.3	10014.9	-10361.4	-1.02	0.2564	1
Rv3721c	dnaZX	18	0	0	0	0	0	1	1
Rv3722c	-	22	1	0	31.6	31.6	3.98	1	1
Rv3723	-	8	8	46994.7	45763.7	-1230.9	-0.04	0.9562	1
Rv3724A	cut5a	2	2	116.3	132.6	16.3	0.19	0.8944	1
Rv3724B	cut5b	15	12	11969.7	10862.4	-1107.3	-0.14	0.8499	1
Rv3725	-	7	7	10653.9	5375.4	-5278.5	-0.99	0.2375	1
Rv3726	-	12	11	22462.4	14067.1	-8395.3	-0.68	0.6419	1
Rv3727	-	30	29	30148.8	31466.7	1317.9	0.06	0.8723	1
Rv3728	-	20	18	23409.7	13300.1	-10109.7	-0.82	0.1157	0.973
Rv3729	-	22	18	26470.3	15992.2	-10478.1	-0.73	0.1092	0.9637
Rv3730c	-	15	11	18716.4	12500.9	-6215.4	-0.58	0.3651	1
Rv3731	ligC	14	11	15170.8	12848.5	-2322.3	-0.24	0.6975	1
Rv3732	-	13	10	17852.5	9050.6	-8801.9	-0.98	0.1922	1
Rv3733c	-	3	2	1737.3	6989.3	5252	2.01	0.114	0.973
Rv3734c	-	16	14	32283.9	27135	-5148.9	-0.25	0.6492	1
Rv3735	-	5	5	5747.3	2471.3	-3276.1	-1.22	0.0307	0.6032
Rv3736	-	13	13	60410.7	29903.4	-30507.2	-1.01	0.3018	1
Rv3737	-	13	9	3015.6	1083.8	-1931.8	-1.48	0.0322	0.6032
Rv3738c	PPE66	11	11	8439.8	7399.8	-1040	-0.19	0.8503	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3739c	PPE67	4	3	4042.4	4966.4	924	0.3	0.5963	1
Rv3740c	-	13	13	25897.3	30686.8	4789.5	0.24	0.6561	1
Rv3741c	-	5	4	1596.8	1510	-86.8	-0.08	0.9197	1
Rv3742c	-	5	4	7341.1	7015.2	-325.9	-0.07	0.931	1
Rv3743c	ctpJ	23	20	20680	11810	-8870	-0.81	0.1712	1
Rv3744	-	6	5	2402.6	3140	737.4	0.39	0.5679	1
Rv3745c	-	2	2	772.2	984	211.8	0.35	0.7371	1
Rv3746c	PE34	5	3	3010.2	3323.7	313.5	0.14	0.8537	1
Rv3747	-	3	3	2182.1	5124	2941.9	1.23	0.5708	1
Rv3748	-	4	4	2554.3	2578.1	23.8	0.01	0.9838	1
Rv3749c	-	11	11	6161.7	11756.7	5595.1	0.93	0.2725	1
Rv3750c	-	5	4	7207.1	8259.3	1052.2	0.2	0.8767	1
Rv3751	-	1	1	2886.5	6906.1	4019.6	1.26	0.6679	1
Rv3752c	-	2	0	0	0	0	0	1	1
Rv3753c	-	4	0	0	0	0	0	1	1
Rv3754	tyrA	8	2	0	31.6	31.6	3.98	0.4279	1
Rv3755c	-	9	7	1397	555.5	-841.5	-1.33	0.1201	0.9768
Rv3756c	proZ	11	9	10521.4	13482.5	2961.2	0.36	0.7295	1
Rv3757c	proW	12	7	9274.6	5014.5	-4260.1	-0.89	0.0837	0.8839
Rv3758c	proV	11	7	4690.9	1154.8	-3536.1	-2.02	0.0221	0.5646
Rv3759c	proX	11	8	7193.2	8381	1187.7	0.22	0.7939	1
Rv3760	-	5	5	4596.3	3198.3	-1398	-0.52	0.7278	1
Rv3761c	fadE36	14	10	4471.3	3454.8	-1016.4	-0.37	0.7215	1
Rv3762c	-	23	22	15248.1	12754.4	-2493.8	-0.26	0.6534	1
Rv3763	lpqH	6	3	489.3	744.1	254.8	0.6	0.6112	1
Rv3764c	-	10	2	0	163.3	163.3	6.35	0.425	1
Rv3765c	-	11	11	13961.1	30603.9	16642.8	1.13	0.7574	1
Rv3766	-	13	12	1166	656	-510	-0.83	0.2611	1
Rv3767c	-	12	7	21073.4	36761.5	15688.1	0.8	0.5727	1
Rv3768	-	8	7	2874	2984.3	110.3	0.05	0.9866	1
Rv3769	-	1	1	1265.5	329.4	-936.1	-1.94	0.3371	1
Rv3770A	-	2	1	374.8	1533.7	1159	2.03	0.3355	1
Rv3770B	-	2	1	615	783.6	168.7	0.35	0.6686	1
Rv3770c	-	1	1	8236	17897.1	9661.1	1.12	1	1
Rv3771c	-	2	1	215.4	200.1	-15.3	-0.11	1	1
Rv3772	hisC2	16	12	7849.9	8283.1	433.2	0.08	0.9034	1
Rv3773c	-	7	7	5524.3	1680.7	-3843.6	-1.72	0.1832	1
Rv3774	echA21	9	9	8941.6	2130.8	-6810.8	-2.07	0.0525	0.7645
Rv3775	lipE	17	16	21076.4	29481.6	8405.2	0.48	0.5402	1
Rv3776	-	15	14	4750.2	6498.5	1748.2	0.45	0.5595	1
Rv3777	-	13	11	7435.1	4731.4	-2703.7	-0.65	0.5216	1
Rv3778c	-	11	1	0	21.1	21.1	3.4	1	1
Rv3779	-	29	24	16311.7	4980.3	-11331.4	-1.71	0.0004	0.0389
Rv3780	-	6	0	0	0	0	0	1	1
Rv3781	rfbE	7	2	0	36.9	36.9	4.2	0.4305	1
Rv3782	-	12	1	0	1.7	1.7	-0.25	1	1
Rv3783	rfbD	7	0	0	0	0	0	1	1
Rv3784	-	22	21	30399.4	35691.3	5291.9	0.23	0.5338	1
Rv3785	-	10	9	9397.5	5885.8	-3511.7	-0.68	0.2308	1
Rv3786c	-	18	17	29481.9	42186.4	12704.5	0.52	0.4475	1
Rv3787c	-	6	5	3174.5	2032.2	-1142.4	-0.64	0.5824	1
Rv3788	-	4	3	8857.8	3486.2	-5371.6	-1.35	0.3097	1
Rv3789	-	7	0	0	0	0	0	1	1
Rv3790	-	20	2	2	21.1	19.1	3.4	1	1
Rv3791	-	8	1	0	1.7	1.7	-0.25	1	1
Rv3792	-	22	1	0	5.3	5.3	1.4	1	1
Rv3793	embC	38	1	0	10.5	10.5	2.4	1	1
Rv3794	embA	44	5	1090.5	496.5	-593.9	-1.13	0.4652	1
Rv3795	embB	38	0	0	0	0	0	1	1
Rv3796	-	18	18	17999.9	16522.6	-1477.3	-0.12	0.819	1
Rv3797	fadE35	17	14	9664.8	7068.8	-2596.1	-0.45	0.5537	1
Rv3798	-	11	9	12688.4	20729.3	8040.9	0.71	0.5636	1
Rv3799c	accD4	13	0	0	0	0	0	1	1
Rv3800c	pks13	40	1	0	5.3	5.3	1.4	1	1
Rv3801c	fadD32	18	1	1.8	1.7	-0.2	-0.13	1	1
Rv3802c	-	18	1	0	10.5	10.5	2.4	1	1
Rv3803c	fbpD	11	9	14206.8	16862.5	2655.7	0.25	0.7907	1
Rv3804c	fbpA	13	9	311.6	162.8	-148.8	-0.94	0.471	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3805c	-	29	3	0	115.9	115.9	5.86	0.1815	1
Rv3806c	-	15	0	0	0	0	0	1	1
Rv3807c	-	4	2	3172.3	217.4	-2954.9	-3.87	0.316	1
Rv3808c	glfT	21	2	1	31.6	30.6	4.98	1	1
Rv3809c	glf	28	3	0	57.9	57.9	4.86	0.1826	1
Rv3810	pirG	10	2	1.8	15.8	14	3.11	0.4371	1
Rv3811	-	20	17	15108.1	23387.2	8279.1	0.63	0.4131	1
Rv3812	PE_PGRS62	23	20	9196.3	12866.4	3670.1	0.48	0.6426	1
Rv3813c	-	11	8	4966.5	1402.3	-3564.3	-1.82	0.0422	0.6794
Rv3814c	-	10	9	2621.2	22088.3	19467.1	3.07	0.122	0.9834
Rv3815c	-	8	6	15186.8	12079.2	-3107.6	-0.33	0.6131	1
Rv3816c	-	8	8	3033.5	1345.8	-1687.6	-1.17	0.2204	1
Rv3817	-	4	4	1477.3	4850.4	3373.1	1.72	0.4188	1
Rv3818	-	25	14	14138.7	3561.9	-10576.8	-1.99	0.104	0.9433
Rv3819	-	7	5	2559.7	6567.5	4007.8	1.36	0.1122	0.9707
Rv3820c	papA2	30	22	15493.3	16814.8	1321.4	0.12	0.8526	1
Rv3821	-	14	10	24784.4	8901	-15883.4	-1.48	0.0195	0.5479
Rv3822	-	33	28	27110.7	36943.1	9832.4	0.45	0.4373	1
Rv3823c	mmpL8	68	45	42963.2	14842.5	-28120.8	-1.53	0.0097	0.3909
Rv3824c	papA1	33	25	11364.3	13317.3	1953	0.23	0.7335	1
Rv3825c	pks2	91	79	114300.6	114603.3	302.7	0	0.9921	1
Rv3826	fadD23	44	26	20287.2	26384.8	6097.6	0.38	0.6674	1
Rv3827c	-	12	10	11373.6	6730.8	-4642.8	-0.76	0.378	1
Rv3828c	-	6	6	9611.7	16902.4	7290.8	0.81	0.8447	1
Rv3829c	-	20	16	11078.1	11921.9	843.8	0.11	0.9501	1
Rv3830c	-	9	8	1464	2572.6	1108.7	0.81	0.6342	1
Rv3831	-	10	9	26396.2	25132.2	-1264	-0.07	0.9023	1
Rv3832c	-	8	6	16700.6	9636.3	-7064.2	-0.79	0.2107	1
Rv3833	-	8	6	2453	1404.2	-1048.7	-0.8	0.2611	1
Rv3834c	serS	19	1	0	73.7	73.7	5.2	1	1
Rv3835	-	13	11	2038.5	554.3	-1484.2	-1.88	0.0393	0.6589
Rv3836	-	5	4	5086.8	2264.5	-2822.3	-1.17	0.107	0.9551
Rv3837c	-	8	7	7560.2	5699.3	-1860.9	-0.41	0.6806	1
Rv3838c	pheA	9	0	0	0	0	0	1	1
Rv3839	-	12	10	10005.1	11780.2	1775	0.24	0.7019	1
Rv3840	-	9	9	53289.1	38140.1	-15149	-0.48	0.3761	1
Rv3841	bfrB	6	3	100.4	10.5	-89.8	-3.25	0.229	1
Rv3842c	glpQ1	11	10	129082.1	175454.5	46372.4	0.44	0.5858	1
Rv3843c	-	15	2	2294.5	486	-1808.5	-2.24	0.1973	1
Rv3844	-	2	2	37.1	5.3	-31.9	-2.82	0.0447	0.694
Rv3845	-	5	3	878.3	788.1	-90.1	-0.16	0.8765	1
Rv3846	sodA	10	0	0	0	0	0	1	1
Rv3847	-	3	3	1404.1	5746.5	4342.4	2.03	0.3791	1
Rv3848	-	7	3	3562.8	2331.8	-1231	-0.61	0.57	1
Rv3849	espR	9	6	331	91.7	-239.3	-1.85	0.1777	1
Rv3850	-	5	4	1575.7	17.5	-1558.2	-6.49	0.0058	0.2857
Rv3851	-	2	2	357.7	36.9	-320.8	-3.28	0.2877	1
Rv3852	hns	3	3	1089.5	1298.3	208.8	0.25	0.8008	1
Rv3853	menG	2	1	1996.5	63	-1933.6	-4.99	0.3341	1
Rv3854c	ethA	23	21	28322.4	14388	-13934.4	-0.98	0.1572	1
Rv3855	ethR	9	7	1899.3	1575.2	-324.1	-0.27	0.7667	1
Rv3856c	-	5	4	12873.9	16788.1	3914.2	0.38	0.9451	1
Rv3857c	-	2	2	2631.3	7084.2	4452.9	1.43	0.6727	1
Rv3858c	gltD	8	0	0	0	0	0	1	1
Rv3859c	gltB	61	1	1.8	0	-1.8	0.13	1	1
Rv3860	-	11	11	7522.7	4552.1	-2970.6	-0.72	0.2359	1
Rv3861	-	0	0	0	0	0	0	1	1
Rv3862c	whiB6	3	2	5739.4	5453	-286.4	-0.07	0.9705	1
Rv3863	-	10	6	22183.5	8774.8	-13408.7	-1.34	0.3493	1
Rv3864	-	14	12	3274.1	2626.2	-647.9	-0.32	0.5998	1
Rv3865	-	6	5	5968.9	4341.4	-1627.5	-0.46	0.5682	1
Rv3866	-	8	6	13400	8720.2	-4679.9	-0.62	0.4405	1
Rv3867	-	4	4	1188.7	1603.4	414.7	0.43	0.7956	1
Rv3868	-	24	21	10655.7	13698.3	3042.6	0.36	0.5762	1
Rv3869	-	21	15	20252.5	15135	-5117.4	-0.42	0.5186	1
Rv3870	-	30	26	21908.7	18748.7	-3160	-0.22	0.6274	1
Rv3871	-	19	16	14347.3	13341.4	-1005.9	-0.1	0.8471	1
Rv3872	PE35	0	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd pell	Delta Rd	log 2 (pell/plnk)	p-value	Q-value
Rv3873	PPE68	10	0	0	0	0	0	1	1
Rv3874	esxB	4	0	0	0	0	0	1	1
Rv3875	esxA	4	0	0	0	0	0	1	1
Rv3876	-	17	0	0	0	0	0	1	1
Rv3877	-	19	0	0	0	0	0	1	1
Rv3878	-	4	0	0	0	0	0	1	1
Rv3879c	-	19	0	0	0	0	0	1	1
Rv3880c	-	4	3	1958.5	1802.6	-155.9	-0.12	0.9341	1
Rv3881c	-	17	14	7939	8289.7	350.8	0.06	0.8892	1
Rv3882c	-	18	15	42054.1	31272.3	-10781.8	-0.43	0.5332	1
Rv3883c	mycP1	12	9	32391.4	14342.4	-18049	-1.18	0.2176	1
Rv3884c	-	27	17	11187.6	14109.1	2921.6	0.33	0.5964	1
Rv3885c	-	21	11	12586.2	8560.9	-4025.3	-0.56	0.6081	1
Rv3886c	mycP2	17	16	7188.4	3720.9	-3467.6	-0.95	0.0641	0.8304
Rv3887c	-	19	17	5612.4	5746.8	134.4	0.03	0.9525	1
Rv3888c	-	20	13	5513.8	3471.9	-2042	-0.67	0.2592	1
Rv3889c	-	13	10	19720.4	16619	-3101.5	-0.25	0.586	1
Rv3890c	esxC	2	2	1027.2	471	-556.2	-1.12	0.3182	1
Rv3891c	esxD	6	6	12552.4	5999.4	-6553	-1.07	0.2627	1
Rv3892c	PPE69	9	7	8377.4	5058.9	-3318.5	-0.73	0.3043	1
Rv3893c	PE36	2	2	1977.5	3237.1	1259.6	0.71	0.4288	1
Rv3894c	-	40	30	17770.9	26085.3	8314.5	0.55	0.4081	1
Rv3895c	-	9	8	7159	3895.8	-3263.2	-0.88	0.1537	1
Rv3896c	-	11	10	5414.9	3212.1	-2202.8	-0.75	0.329	1
Rv3897c	-	6	6	6254.9	9715.1	3460.2	0.64	0.5993	1
Rv3898c	-	6	6	4707.7	7258.9	2551.2	0.62	0.4439	1
Rv3899c	-	12	9	12848	10979.5	-1868.5	-0.23	0.7863	1
Rv3900c	-	12	9	8783.7	8316.2	-467.5	-0.08	0.9328	1
Rv3901c	-	11	11	24868.9	22199.8	-2669.2	-0.16	0.7809	1
Rv3902c	-	21	0	0	0	0	0	1	1
Rv3903c	-	41	31	30197.9	15043.6	-15154.2	-1.01	0.2121	1
Rv3904c	esxE	2	1	961.4	109.7	-851.7	-3.13	0.3385	1
Rv3905c	esxF	4	4	10469.4	2143.3	-8326.1	-2.29	0.3308	1
Rv3906c	-	8	7	2548.4	2740.7	192.3	0.1	0.9242	1
Rv3907c	pcnA	14	1	0	10.5	10.5	2.4	1	1
Rv3908	-	10	4	7827.8	1458.6	-6369.3	-2.42	0.2905	1
Rv3909	-	27	2	1.8	63.2	61.4	5.11	1	1
Rv3910	-	44	12	14186.8	9743.6	-4443.3	-0.54	0.6349	1
Rv3911	sigM	6	5	3517.3	2761.5	-755.8	-0.35	0.6068	1
Rv3912	-	5	3	2347.4	1165.9	-1181.5	-1.01	0.3035	1
Rv3913	trxB2	12	0	0	0	0	0	1	1
Rv3914	trxC	4	0	0	0	0	0	1	1
Rv3915	-	19	1	0	21.1	21.1	3.4	1	1
Rv3916c	-	8	2	14.8	10.5	-4.3	-0.49	0.7062	1
Rv3917c	parB	15	1	0	94.8	94.8	5.57	1	1
Rv3918c	parA	17	3	0	36.9	36.9	4.2	0.1837	1
Rv3919c	gidB	10	8	1012.6	477.9	-534.7	-1.08	0.3614	1
Rv3920c	-	3	3	940.3	364.2	-576.1	-1.37	0.0972	0.9323
Rv3921c	-	17	1	0	1.7	1.7	-0.25	1	1
Rv3922c	-	9	5	1517.5	554.7	-962.8	-1.45	0.2265	1
Rv3923c	rnpA	2	0	0	0	0	0	1	1
Rv3924c	rpmH	2	1	0	21.1	21.1	3.4	1	1

‘N’ represents number TA dinucleotides as potential transposon insertion sites in each annotated gene; ‘TAs’ hit represents the number of TA dinucleotides in the indicated locus in which at least one transposon insertion was detected by sequencing; ‘Sum Rd' represents the sum of the reads in that gene across replicates after normalization for the given growth condition; ‘Delta Rd' represents the difference in read counts between growth conditions; ‘log2(pell/plnk)' represents log base 2 of the sum of reads in the pellicle biofilm replicates over the sum of reads in the planktonic replicates after normalization; ‘p-value' represents probability calculated by TRANSIT resampling permutation test; ‘Q-value' is an adjusted p-value that quantifies the statistical significance of the log2(pell/plnk) value.

Table B2: Profiling genetic factors conferring a fitness advantage during colony biofilm development of *M. tuberculosis*

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0001	dnaA	25	0	0	0	0	0	1	1
Rv0002	dnaN	20	0	0	0	0	0	1	1
Rv0003	recF	30	5	92.1	8.4	-83.7	-3.46	0.0343	1
Rv0004	-	3	0	0	0	0	0	1	1
Rv0005	gyrB	32	0	0	0	0	0	1	1
Rv0006	gyrA	33	0	0	0	0	0	1	1
Rv0007	-	9	4	152.4	66.3	-86.1	-1.2	0.5266	1
Rv0008c	-	3	2	469.5	285.9	-183.5	-0.72	0.4031	1
Rv0009	ppiA	6	4	298.1	115	-183.1	-1.37	0.1913	1
Rv0010c	-	9	7	5794.1	7876.2	2082.1	0.44	0.6525	1
Rv0011c	-	3	0	0	0	0	0	1	1
Rv0012	-	9	4	257.3	0	-257.3	-7.01	0.0007	0.1396
Rv0013	trpG	11	0	0	0	0	0	1	1
Rv0014c	pknB	16	0	0	0	0	0	1	1
Rv0015c	pknA	10	1	0	7.2	7.2	1.85	1	1
Rv0016c	pbpA	26	3	76.1	85.4	9.3	0.17	0.9901	1
Rv0017c	rodA	18	12	2317.4	2171.4	-146	-0.09	0.9216	1
Rv0018c	ppp	19	6	957.6	99.8	-857.8	-3.26	0.0126	0.8354
Rv0019c	-	10	5	808.5	203.2	-605.3	-1.99	0.1281	1
Rv0020c	TB39.8	45	2	36.8	0	-36.8	-4.2	0.4242	1
Rv0021c	-	15	13	32380.8	29647.7	-2733.1	-0.13	0.8306	1
Rv0022c	whiB5	5	5	7252.9	4450.2	-2802.7	-0.7	0.4473	1
Rv0023	-	10	0	0	0	0	0	1	1
Rv0024	-	11	9	5557.2	6143.3	586	0.14	0.9249	1
Rv0025	-	5	3	323.6	737.2	413.6	1.19	0.5106	1
Rv0026	-	10	8	8727.5	15855.9	7128.3	0.86	0.7104	1
Rv0027	-	5	5	1827	2198.7	371.7	0.27	0.758	1
Rv0028	-	4	4	9296.8	9352.6	55.8	0.01	0.991	1
Rv0029	-	13	13	7029.2	10257.2	3228	0.55	0.6229	1
Rv0030	-	3	3	515.2	416.2	-99	-0.31	0.8015	1
Rv0031	-	1	0	0	0	0	0	1	1
Rv0032	bioF2	44	32	20126.4	18442.1	-1684.3	-0.13	0.7898	1
Rv0033	acpA	3	3	2180.9	3002	821.1	0.46	0.7495	1
Rv0034	-	2	2	996.5	1754.1	757.6	0.82	0.244	1
Rv0035	fadD34	23	22	30531.8	35516.2	4984.4	0.22	0.7816	1
Rv0036c	-	4	4	4214.4	5235.2	1020.8	0.31	0.747	1
Rv0037c	-	16	14	70202.7	30044.6	-40158.2	-1.22	0.3247	1
Rv0038	-	7	7	5686.2	4497.3	-1188.9	-0.34	0.5443	1
Rv0039c	-	4	3	3363.5	3729.5	366	0.15	0.8926	1
Rv0040c	mtc28	7	7	8035.4	6539	-1496.5	-0.3	0.6739	1
Rv0041	leuS	55	0	0	0	0	0	1	1
Rv0042c	-	2	2	610.8	311.1	-299.7	-0.97	0.3872	1
Rv0043c	-	6	6	2519.6	4244.3	1724.6	0.75	0.6432	1
Rv0044c	-	15	10	5225.3	3021.7	-2203.6	-0.79	0.1362	1
Rv0045c	-	6	5	4637.9	6901.9	2264	0.57	0.4498	1
Rv0046c	ino1	10	0	0	0	0	0	1	1
Rv0047c	-	5	3	3995.1	6097.4	2102.3	0.61	0.9462	1
Rv0048c	-	12	10	27889.2	31871.6	3982.3	0.19	0.7227	1
Rv0049	-	5	4	15244.9	5460	-9784.8	-1.48	0.3778	1
Rv0050	ponA1	27	11	616	283.9	-332.1	-1.12	0.2932	1
Rv0051	-	26	17	6838.7	4070.7	-2768	-0.75	0.3473	1
Rv0052	-	4	4	1479.2	1531.6	52.4	0.05	0.9554	1
Rv0053	rpsF	4	0	0	0	0	0	1	1
Rv0054	ssb	5	0	0	0	0	0	1	1
Rv0055	rpsR	3	1	1	0	-1	1	1	1
Rv0056	rplI	6	3	1985.3	758.7	-1226.7	-1.39	0.2446	1
Rv0057	-	12	7	2636.4	1057.7	-1578.7	-1.32	0.0332	1
Rv0058	dnaB	32	0	0	0	0	0	1	1
Rv0059	-	10	9	12438.7	17013.1	4574.5	0.45	0.5569	1
Rv0060	-	18	0	0	0	0	0	1	1
Rv0061	-	6	5	3576.3	4226.3	650	0.24	0.7814	1
Rv0062	celA1	17	15	10902.3	13990.9	3088.6	0.36	0.6575	1
Rv0063	-	14	11	4532.3	4238.9	-293.4	-0.1	0.8182	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0064	-	57	36	16522.3	30091.6	13569.3	0.86	0.6596	1
Rv0065	-	7	6	1047	2169.8	1122.9	1.05	0.4383	1
Rv0066c	icd2	23	5	45	97.1	52.1	1.11	0.7529	1
Rv0067c	-	7	5	947.9	8.4	-939.6	-6.82	0.019	0.9595
Rv0068	-	8	7	6549.2	4486.6	-2062.6	-0.55	0.6557	1
Rv0069c	sdaA	8	7	808.8	187	-621.9	-2.11	0.0646	1
Rv0070c	glyA2	10	9	842.1	1744.7	902.5	1.05	0.4731	1
Rv0071	-	5	5	2820	1188.2	-1631.8	-1.25	0.0201	0.9595
Rv0072	-	12	12	26794.8	49925.5	23130.7	0.9	0.2865	1
Rv0073	-	9	9	6463	10717.1	4254.1	0.73	0.0942	1
Rv0074	-	12	12	6460.6	5756.8	-703.8	-0.17	0.7704	1
Rv0075	-	19	14	12647.3	16089.6	3442.3	0.35	0.7404	1
Rv0076c	-	3	3	3327.1	3444.7	117.5	0.05	0.9971	1
Rv0077c	-	9	6	5309.5	4015	-1294.4	-0.4	0.6366	1
Rv0078	-	7	6	1888.6	1974.9	86.3	0.06	0.9506	1
Rv0078A	-	9	7	3934.7	4598.9	664.2	0.23	0.8919	1
Rv0079	-	11	9	2288.1	1143.2	-1144.9	-1	0.1807	1
Rv0080	-	3	2	637.6	192.9	-444.6	-1.72	0.2247	1
Rv0081	-	4	3	3353	3463.4	110.3	0.05	0.9015	1
Rv0082	-	6	3	8798.6	9843.7	1045	0.16	0.7379	1
Rv0083	-	14	11	4646.8	9074.5	4427.7	0.97	0.3	1
Rv0084	hycD	6	6	1061.1	384.7	-676.4	-1.46	0.0857	1
Rv0085	hycP	3	3	143.1	588.5	445.4	2.04	0.4887	1
Rv0086	hycQ	14	7	4374.9	3507.7	-867.2	-0.32	0.7295	1
Rv0087	hycE	17	10	3296.2	3052.2	-244	-0.11	0.8936	1
Rv0088	-	9	6	542.2	3300	2757.8	2.61	0.2487	1
Rv0089	-	6	5	7390.7	4737.9	-2652.8	-0.64	0.6207	1
Rv0090	-	9	9	7135.3	5953.3	-1182	-0.26	0.7321	1
Rv0091	mtn	10	7	53606.2	49328.8	-4277.4	-0.12	0.8772	1
Rv0092	ctpA	23	17	30935.4	12847.6	-18087.8	-1.27	0.3145	1
Rv0093c	-	6	5	10410.7	5865.5	-4545.3	-0.83	0.4755	1
Rv0094c	-	10	10	5627.2	7063.6	1436.4	0.33	0.7179	1
Rv0095c	-	4	0	0	0	0	0	1	1
Rv0096	PPE1	26	22	861.2	2350.6	1489.5	1.45	0.0146	0.8695
Rv0097	-	19	17	8411	11036.4	2625.3	0.39	0.5088	1
Rv0098	-	9	8	613.4	1502	888.6	1.29	0.2135	1
Rv0099	fadD10	29	12	3661	3372.7	-288.3	-0.12	0.8715	1
Rv0100	-	3	3	1708.3	444.5	-1263.8	-1.94	0.1947	1
Rv0101	nrp	89	62	30734.1	27910.9	-2823.2	-0.14	0.724	1
Rv0102	-	31	3	7	0	-7	-1.81	0.1836	1
Rv0103c	ctpB	22	16	5992.6	3873.2	-2119.4	-0.63	0.2866	1
Rv0104	-	23	21	15457.9	11628.5	-3829.4	-0.41	0.3522	1
Rv0105c	rpmB	4	4	5543.9	5964.6	420.7	0.11	0.9125	1
Rv0106	-	6	4	2963.2	3444.8	481.6	0.22	0.7814	1
Rv0107c	ctpI	47	30	17706	27188.2	9482.2	0.62	0.7573	1
Rv0108c	-	2	2	11931.2	6647.8	-5283.5	-0.84	0.4455	1
Rv0109	PE_PGRS1	21	12	1921.4	1662.9	-258.5	-0.21	0.8342	1
Rv0110	-	11	11	22978.6	23586.9	608.2	0.04	0.9396	1
Rv0111	-	30	23	9414.1	12454.9	3040.8	0.4	0.4187	1
Rv0112	gca	25	20	10398.8	9000.7	-1398.1	-0.21	0.7659	1
Rv0113	gmhA	11	9	10839.6	7509.3	-3330.2	-0.53	0.5911	1
Rv0114	gmhB	8	8	5943.8	9346.4	3402.6	0.65	0.3644	1
Rv0115	hddA	13	13	10031.6	9037.1	-994.6	-0.15	0.8617	1
Rv0116c	-	13	9	9656.7	8875.8	-780.8	-0.12	0.8137	1
Rv0117	oxyS	14	10	5061.2	3854.2	-1207.1	-0.39	0.5826	1
Rv0118c	oxcA	22	10	1980.4	3062.4	1082	0.63	0.617	1
Rv0119	fadD7	11	5	532.6	249.3	-283.3	-1.1	0.2443	1
Rv0120c	fusA2	23	15	4787.2	3303.3	-1483.9	-0.54	0.6131	1
Rv0121c	-	10	5	4750.1	2132.2	-2617.9	-1.16	0.3356	1
Rv0122	-	9	4	1908.8	1369.3	-539.5	-0.48	0.6064	1
Rv0123	-	4	0	0	0	0	0	1	1
Rv0124	PE_PGRS2	8	5	682.4	972.2	289.8	0.51	0.6264	1
Rv0125	pepA	8	7	2881.1	1408.8	-1472.3	-1.03	0.2474	1
Rv0126	treS	26	0	0	0	0	0	1	1
Rv0127	-	22	1	0	66.3	66.3	5.05	1	1
Rv0128	-	13	12	11253.2	9881.1	-1372.1	-0.19	0.7364	1
Rv0129c	fbpC	21	17	23129.3	4589.6	-18539.6	-2.33	0.2633	1
Rv0130	-	3	2	170.1	126.2	-43.9	-0.43	0.5725	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0131c	fadE1	16	14	7102.1	3813	-3289.1	-0.9	0.4023	1
Rv0132c	fgd2	11	8	11204	11385.2	181.1	0.02	0.9697	1
Rv0133	-	4	4	6069.7	11351.8	5282.1	0.9	0.3648	1
Rv0134	ephF	10	10	6840.2	9860.5	3020.3	0.53	0.2799	1
Rv0135c	-	9	7	2003.2	2108.4	105.3	0.07	0.9178	1
Rv0136	cyp138	20	19	37414.2	31817.2	-5597.1	-0.23	0.796	1
Rv0137c	msrA	10	7	10502	10478.8	-23.2	0	0.9969	1
Rv0138	-	6	6	8353.2	6609.8	-1743.4	-0.34	0.5773	1
Rv0139	-	11	11	16034.2	13161.7	-2872.5	-0.28	0.6756	1
Rv0140	-	13	11	5212.6	5869.6	657.1	0.17	0.8031	1
Rv0141c	-	8	5	7990.6	11085.9	3095.4	0.47	0.6416	1
Rv0142	-	5	4	4217.8	1954.8	-2263.1	-1.11	0.3033	1
Rv0143c	-	18	14	17549.8	12827.1	-4722.6	-0.45	0.5557	1
Rv0144	-	10	9	12114.6	12429.7	315.1	0.04	0.9381	1
Rv0145	-	13	10	15449.1	8576.8	-6872.3	-0.85	0.0464	1
Rv0146	-	14	13	15448	12300.6	-3147.4	-0.33	0.5431	1
Rv0147	-	17	17	32304.8	37745.6	5440.8	0.22	0.799	1
Rv0148	-	13	13	17438.4	18177.3	738.9	0.06	0.9282	1
Rv0149	-	16	15	67032.1	19204.5	-47827.6	-1.8	0.3983	1
Rv0150c	-	4	2	22.5	229.6	207.1	3.35	0.1381	1
Rv0151c	PE1	34	31	49415.8	57724.5	8308.7	0.22	0.5499	1
Rv0152c	PE2	29	28	91548	89611.8	-1936.3	-0.03	0.9557	1
Rv0153c	ptbB	11	10	19310.9	11501	-7809.9	-0.75	0.2294	1
Rv0154c	fadE2	7	5	1559.2	931	-628.2	-0.74	0.2254	1
Rv0155	pntAa	8	7	1248.2	1251.2	3.1	0	0.9965	1
Rv0156	pntAb	0	0	0	0	0	0	1	1
Rv0157	pntB	8	7	3375.6	10864.2	7488.5	1.69	0.3284	1
Rv0158	-	15	15	41169.6	48758.1	7588.5	0.24	0.5812	1
Rv0159c	PE3	44	41	83982.8	116664.4	32681.6	0.47	0.2645	1
Rv0160c	PE4	36	34	61011.1	63058.3	2047.2	0.05	0.917	1
Rv0161	-	13	7	6470.4	9088.6	2618.2	0.49	0.6363	1
Rv0162c	adhE1	12	8	1269.1	1283.9	14.8	0.02	0.984	1
Rv0163	-	7	7	11233.7	8954.8	-2278.9	-0.33	0.7063	1
Rv0164	TB18.5	8	1	1939.7	1055.9	-883.8	-0.88	0.3383	1
Rv0165c	-	5	4	4150.2	4177.5	27.3	0.01	0.9932	1
Rv0166	fadD5	20	18	34552.5	45597.8	11045.3	0.4	0.557	1
Rv0167	yrbE1A	5	3	1247.6	450.6	-797	-1.47	0.1677	1
Rv0168	yrbE1B	10	9	6141.4	3165.2	-2976.3	-0.96	0.226	1
Rv0169	mce1A	26	25	26115.8	19769.7	-6346.1	-0.4	0.5757	1
Rv0170	mce1B	14	13	11078.2	3361.6	-7716.6	-1.72	0.0003	0.0748
Rv0171	mce1C	22	22	21609.6	10942.1	-10667.6	-0.98	0.0808	1
Rv0172	mce1D	26	25	32263.7	18728.9	-13534.8	-0.78	0.0856	1
Rv0173	lprK	11	10	13738.1	5750.6	-7987.5	-1.26	0.0281	1
Rv0174	mce1F	23	21	30351.4	13966.9	-16384.5	-1.12	0.0191	0.9595
Rv0175	-	6	5	3659.8	2118	-1541.8	-0.79	0.4455	1
Rv0176	-	12	9	5619.3	5918.6	299.2	0.07	0.9779	1
Rv0177	-	8	6	9268	6811.2	-2456.8	-0.44	0.6427	1
Rv0178	-	8	7	2720.3	1421.9	-1298.4	-0.94	0.3145	1
Rv0179c	lprO	17	15	7121.1	5081	-2040.2	-0.49	0.3027	1
Rv0180c	-	25	4	3	137.3	134.3	5.52	0.2041	1
Rv0181c	-	13	10	2794.3	4705.9	1911.6	0.75	0.3123	1
Rv0182c	sigG	15	13	12975.7	19584.7	6609	0.59	0.575	1
Rv0183	-	12	12	33040.5	30608.8	-2431.8	-0.11	0.859	1
Rv0184	-	9	6	4594.7	5211.2	616.4	0.18	0.8674	1
Rv0185	-	9	4	2214.7	1172.7	-1042	-0.92	0.1528	1
Rv0186	bglS	24	18	4164.8	3476.7	-688.2	-0.26	0.7062	1
Rv0187	-	6	3	1449.4	1214.4	-235	-0.26	0.6283	1
Rv0188	-	6	4	1654.5	732.4	-922.1	-1.18	0.4133	1
Rv0189c	ilvD	17	0	0	0	0	0	1	1
Rv0190	-	3	3	590.5	406.5	-184.1	-0.54	0.6243	1
Rv0191	-	14	12	24020.8	14874.7	-9146.1	-0.69	0.2507	1
Rv0192	-	10	9	10889.9	11084.4	194.5	0.03	0.9622	1
Rv0192A	-	2	2	801.5	385	-416.5	-1.06	0.4876	1
Rv0193c	-	26	25	29144.7	28322.4	-822.3	-0.04	0.9172	1
Rv0194	-	43	39	102070.1	103397.3	1327.3	0.02	0.9562	1
Rv0195	-	4	3	3345.6	1471.4	-1874.2	-1.19	0.1877	1
Rv0196	-	7	7	9947	9897.4	-49.5	-0.01	0.9935	1
Rv0197	-	26	21	30424	19431.7	-10992.3	-0.65	0.4287	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0198c	-	35	21	5950.2	4959	-991.2	-0.26	0.7466	1
Rv0199	-	12	11	19294.9	8980	-10314.9	-1.1	0.2559	1
Rv0200	-	6	3	7321.5	3333.7	-3987.8	-1.14	0.2246	1
Rv0201c	-	6	6	3950	2585.4	-1364.6	-0.61	0.5101	1
Rv0202c	mmpL11	25	19	7830.5	2615.2	-5215.3	-1.58	0.0104	0.7762
Rv0203	-	3	3	3375.6	1459.6	-1916	-1.21	0.2281	1
Rv0204c	-	13	8	899	126.2	-772.8	-2.83	0.0688	1
Rv0205	-	11	7	4522.1	6085.5	1563.4	0.43	0.6972	1
Rv0206c	mmpL3	23	1	155.5	25.2	-130.3	-2.63	0.6672	1
Rv0207c	-	6	3	2553.7	761.2	-1792.5	-1.75	0.0772	1
Rv0208c	trmB	9	3	0	57.5	57.5	4.85	0.1765	1
Rv0209	-	10	7	2415.7	2337.3	-78.4	-0.05	0.9716	1
Rv0210	-	11	8	9935.2	9783.2	-152	-0.02	0.9744	1
Rv0211	pckA	21	16	12379.3	4203.6	-8175.7	-1.56	0.0152	0.8721
Rv0212c	nadR	5	3	1345.9	1990	644.1	0.56	0.6655	1
Rv0213c	-	28	22	13254.1	37672.3	24418.2	1.51	0.1016	1
Rv0214	fadD4	27	21	20067.7	16446.8	-3620.8	-0.29	0.5684	1
Rv0215c	fadE3	9	8	4758.2	5465.7	707.5	0.2	0.8224	1
Rv0216	-	15	7	1502.2	685.7	-816.5	-1.13	0.0846	1
Rv0217c	lipW	17	13	6687.2	4405.7	-2281.4	-0.6	0.3697	1
Rv0218	-	16	13	7441.8	5543.3	-1898.5	-0.42	0.4745	1
Rv0219	-	10	7	5653.4	9716.2	4062.8	0.78	0.4807	1
Rv0220	lipC	19	13	23437.8	13218.1	-10219.7	-0.83	0.4501	1
Rv0221	-	17	15	17998.9	23906.3	5907.4	0.41	0.7029	1
Rv0222	echA1	6	5	1735.2	9743.9	8008.8	2.49	0.1849	1
Rv0223c	-	19	15	3767.8	3363.3	-404.5	-0.16	0.7975	1
Rv0224c	-	12	0	0	0	0	0	1	1
Rv0225	-	18	0	0	0	0	0	1	1
Rv0226c	-	19	1	1.8	0	-1.8	0.13	1	1
Rv0227c	-	17	0	0	0	0	0	1	1
Rv0228	-	10	0	0	0	0	0	1	1
Rv0229c	-	7	7	17648	14671.7	-2976.2	-0.27	0.6778	1
Rv0230c	php	11	10	13007.9	16585.6	3577.7	0.35	0.6152	1
Rv0231	fadE4	29	28	24645.1	35744.8	11099.7	0.54	0.3029	1
Rv0232	-	9	9	16572.6	12322.2	-4250.5	-0.43	0.4938	1
Rv0233	nrdB	9	9	14278.2	11818.6	-2459.6	-0.27	0.7895	1
Rv0234c	gabD1	15	11	1917.7	906.9	-1010.8	-1.08	0.1947	1
Rv0235c	-	20	14	5166.8	8739.6	3572.7	0.76	0.2782	1
Rv0236A	-	2	0	0	0	0	0	1	1
Rv0236c	-	31	0	0	0	0	0	1	1
Rv0237	lpqI	9	4	5250.7	2664.2	-2586.5	-0.98	0.2856	1
Rv0238	-	10	9	12631.6	13705.7	1074.1	0.12	0.8812	1
Rv0239	-	2	2	365.3	106.7	-258.6	-1.78	0.0902	1
Rv0240	-	6	5	2903.1	3524	620.9	0.28	0.6855	1
Rv0241c	-	10	3	126.6	53.9	-72.6	-1.23	0.2738	1
Rv0242c	fabG	8	8	821.4	354.6	-466.8	-1.21	0.4472	1
Rv0243	fadA2	17	13	1882.5	225.3	-1657.2	-3.06	0	0
Rv0244c	fadE5	21	18	3194.6	734.1	-2460.4	-2.12	0.01	0.7673
Rv0245	-	2	1	186.6	281.1	94.6	0.59	0.3323	1
Rv0246	-	26	20	28593.9	30808.4	2214.5	0.11	0.8417	1
Rv0247c	-	8	7	121.4	310.4	189	1.35	0.2541	1
Rv0248c	sdhA	28	16	2061.7	1131	-930.6	-0.87	0.9363	1
Rv0249c	-	21	18	782.5	4323.9	3541.4	2.47	0.0977	1
Rv0250c	-	3	3	1726.6	2171.8	445.2	0.33	0.8355	1
Rv0251c	hsp	4	4	1378.1	1846	467.9	0.42	0.6297	1
Rv0252	nirB	31	19	13776.4	17179.8	3403.4	0.32	0.6378	1
Rv0253	nirD	5	4	1346	649.9	-696.1	-1.05	0.4807	1
Rv0254c	cobU	4	3	4094.5	3604	-490.5	-0.18	0.832	1
Rv0255c	cobQ1	11	9	22031.5	18393.2	-3638.3	-0.26	0.7192	1
Rv0256c	PPE2	24	23	16595.6	18162.1	1566.5	0.13	0.794	1
Rv0257	-	3	3	2194.1	2679.2	485.1	0.29	0.8409	1
Rv0258c	-	5	2	197.2	160.1	-37.1	-0.3	0.7977	1
Rv0259c	-	6	3	642.1	329.9	-312.2	-0.96	0.3419	1
Rv0260c	-	17	11	5339.1	4108.9	-1230.2	-0.38	0.5479	1
Rv0261c	narK3	20	17	2991.8	4988.6	1996.8	0.74	0.9526	1
Rv0262c	aac	6	5	2330.6	1822.4	-508.3	-0.35	0.6965	1
Rv0263c	-	14	9	7065	9431.4	2366.4	0.42	0.6317	1
Rv0264c	-	7	5	3618.7	1612.3	-2006.4	-1.17	0.131	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0265c	-	6	6	1801.8	2831.9	1030	0.65	0.9428	1
Rv0266c	oplA	30	26	21383.9	16322.2	-5061.7	-0.39	0.3137	1
Rv0267	narU	8	7	5303.1	4223.5	-1079.6	-0.33	0.6501	1
Rv0268c	-	11	11	23577.2	20788.5	-2788.6	-0.18	0.8147	1
Rv0269c	-	7	5	14240.4	12638.4	-1602	-0.17	0.8176	1
Rv0270	fadD2	16	15	6259.3	2400.4	-3858.9	-1.38	0.0106	0.7762
Rv0271c	fadE6	20	17	9686.2	7755.7	-1930.4	-0.32	0.6435	1
Rv0272c	-	11	3	473.2	300.7	-172.6	-0.65	0.5448	1
Rv0273c	-	15	10	2603.2	2252.6	-350.6	-0.21	0.7741	1
Rv0274	-	6	5	8652.1	5705.2	-2946.9	-0.6	0.5987	1
Rv0275c	-	6	4	1609.5	844.1	-765.3	-0.93	0.2982	1
Rv0276	-	17	11	18514.5	23359.3	4844.8	0.34	0.6506	1
Rv0277c	-	5	5	1201.6	2396.7	1195.1	1	0.9251	1
Rv0278c	PE_PGRS3	20	11	368.9	496.2	127.3	0.43	0.7493	1
Rv0279c	PE_PGRS4	13	11	1485.2	1387.6	-97.6	-0.1	0.8988	1
Rv0280	PPE3	23	22	21511.5	21284.3	-227.2	-0.02	0.9798	1
Rv0281	-	8	8	4927.3	3940.4	-986.8	-0.32	0.5927	1
Rv0282	-	16	0	0	0	0	0	1	1
Rv0283	-	16	0	0	0	0	0	1	1
Rv0284	-	49	0	0	0	0	0	1	1
Rv0285	PE5	2	0	0	0	0	0	1	1
Rv0286	PPE4	26	3	5	12	7	1.26	0.7296	1
Rv0287	esxG	1	0	0	0	0	0	1	1
Rv0288	esxH	7	2	22	80.6	58.7	1.88	0.5429	1
Rv0289	-	13	0	0	0	0	0	1	1
Rv0290	-	12	0	0	0	0	0	1	1
Rv0291	mycP3	12	0	0	0	0	0	1	1
Rv0292	-	15	0	0	0	0	0	1	1
Rv0293c	-	24	17	12421	10316	-2105	-0.27	0.6193	1
Rv0294	tam	11	7	4307.1	6889.9	2582.8	0.68	0.6877	1
Rv0295c	-	5	3	1469.4	2578.4	1109	0.81	0.657	1
Rv0296c	-	36	26	24155.5	28898.6	4743.1	0.26	0.5845	1
Rv0297	PE_PGRS5	10	8	6347.9	4364.9	-1983	-0.54	0.63	1
Rv0298	-	3	3	570.4	445.3	-125.1	-0.36	0.6012	1
Rv0299	-	1	1	262	374.1	112.1	0.51	0.6681	1
Rv0300	-	3	3	10854.7	15533.2	4678.5	0.52	0.5858	1
Rv0301	-	6	6	18809.1	21462.9	2653.8	0.19	0.824	1
Rv0302	-	6	5	5709	6131.8	422.8	0.1	0.8848	1
Rv0303	-	10	10	7295.8	8234.7	938.9	0.17	0.7752	1
Rv0304c	PPE5	94	84	103069.1	123513.3	20444.2	0.26	0.398	1
Rv0305c	PPE6	47	42	40825.7	44118.1	3292.4	0.11	0.7077	1
Rv0306	-	4	4	5768.9	5711.5	-57.5	-0.01	0.9807	1
Rv0307c	-	6	5	6877.7	9294.3	2416.5	0.43	0.6082	1
Rv0308	-	11	10	3807.1	3057.8	-749.3	-0.32	0.7959	1
Rv0309	-	11	9	820.2	799.7	-20.5	-0.04	0.9742	1
Rv0310c	-	10	6	505.6	1047.6	542	1.05	0.9281	1
Rv0311	-	13	8	2344.4	866.8	-1477.6	-1.44	0.0718	1
Rv0312	-	18	8	283.6	383.7	100.1	0.44	0.7302	1
Rv0313	-	3	3	8786.5	7554.1	-1232.4	-0.22	0.7848	1
Rv0314c	-	5	5	12382.8	9760.2	-2622.7	-0.34	0.5433	1
Rv0315	-	7	6	5104.4	4166.8	-937.6	-0.29	0.7212	1
Rv0316	-	7	6	6608.2	13121.9	6513.7	0.99	0.3109	1
Rv0317c	glpQ2	11	9	18505	10888.5	-7616.4	-0.77	0.3868	1
Rv0318c	-	6	6	1217.4	1335.7	118.3	0.13	0.9003	1
Rv0319	pcp	6	4	3439.2	1405.6	-2033.6	-1.29	0.1802	1
Rv0320	-	9	8	15819.3	13448.1	-2371.1	-0.23	0.7943	1
Rv0321	dcd	2	2	1967.2	985.1	-982.2	-1	0.4477	1
Rv0322	udgA	16	11	2642.3	1574.2	-1068.2	-0.75	0.3561	1
Rv0323c	-	10	6	2525.8	1845.2	-680.5	-0.45	0.4967	1
Rv0324	-	11	8	499.9	282.8	-217.1	-0.82	0.3598	1
Rv0325	-	5	5	4685	16586.6	11901.6	1.82	0.4953	1
Rv0326	-	5	2	557.7	550.8	-6.9	-0.02	0.9898	1
Rv0327c	cyp135A1	16	6	1248.6	939.6	-309	-0.41	0.5113	1
Rv0328	-	10	6	4289.2	1141.1	-3148.1	-1.91	0.3042	1
Rv0329c	-	6	4	1290.4	357.1	-933.3	-1.85	0.097	1
Rv0330c	-	6	4	5947.7	5039.7	-908	-0.24	0.7608	1
Rv0331	-	14	10	38120.9	47072.6	8951.7	0.3	0.7006	1
Rv0332	-	8	7	5484.8	3028.3	-2456.6	-0.86	0.2858	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0333	-	4	3	4353.2	2697.4	-1655.9	-0.69	0.4265	1
Rv0334	rmlA	15	0	0	0	0	0	1	1
Rv0335c	PE6	1	0	0	0	0	0	1	1
Rv0336	-	14	13	11990.4	9110.4	-2879.9	-0.4	0.4123	1
Rv0337c	aspC	18	0	0	0	0	0	1	1
Rv0338c	-	27	1	1.8	0	-1.8	0.13	1	1
Rv0339c	-	24	16	8212.2	1988.9	-6223.4	-2.05	0.001	0.1596
Rv0340	-	3	1	30	12	-18	-1.32	1	1
Rv0341	iniB	11	7	8384.6	2369.1	-6015.4	-1.82	0.1205	1
Rv0342	iniA	21	16	50275.8	9926.9	-40348.9	-2.34	0.0551	1
Rv0343	iniC	9	6	2767.3	1260.4	-1506.9	-1.13	0.3727	1
Rv0344c	lpqJ	8	8	2614.3	3300.9	686.7	0.34	0.7911	1
Rv0345	-	5	5	13842.1	24589.5	10747.4	0.83	0.4648	1
Rv0346c	ansP2	22	18	29918.4	6145.1	-23773.3	-2.28	0.0045	0.4688
Rv0347	-	14	1	0	22.8	22.8	3.51	1	1
Rv0348	-	10	1	2.8	0	-2.8	-0.5	0.3345	1
Rv0349	-	7	6	9228.7	11946.6	2717.9	0.37	0.6715	1
Rv0350	dnaK	12	0	0	0	0	0	1	1
Rv0351	grpE	7	0	0	0	0	0	1	1
Rv0352	dnaJ1	9	0	0	0	0	0	1	1
Rv0353	hspR	6	5	783.2	266	-517.1	-1.56	0.1043	1
Rv0354c	PPE7	2	2	308.2	156.1	-152.1	-0.98	0.2318	1
Rv0355c	PPE8	129	115	143908.1	181344.2	37436.1	0.33	0.0931	1
Rv0356c	-	6	4	1372.4	4624.2	3251.8	1.75	0.5182	1
Rv0357c	purA	20	0	0	0	0	0	1	1
Rv0358	-	8	0	0	0	0	0	1	1
Rv0359	-	9	9	15376.8	13766.9	-1610	-0.16	0.8035	1
Rv0360c	-	8	7	12266.1	10904.5	-1361.6	-0.17	0.881	1
Rv0361	-	6	2	101.6	140.9	39.3	0.47	0.9726	1
Rv0362	mgtE	13	11	21035.7	19080.5	-1955.2	-0.14	0.8144	1
Rv0363c	fba	12	0	0	0	0	0	1	1
Rv0364	-	10	0	0	0	0	0	1	1
Rv0365c	-	18	14	10715.7	14735.2	4019.5	0.46	0.468	1
Rv0366c	-	5	4	1395.2	919.9	-475.3	-0.6	0.5861	1
Rv0367c	-	2	2	650.8	807.7	156.9	0.31	0.9461	1
Rv0368c	-	11	10	9177.2	14063.7	4886.5	0.62	0.4146	1
Rv0369c	-	5	3	1313.3	573.2	-740.1	-1.2	0.3671	1
Rv0370c	-	15	9	4710.3	2146.9	-2563.5	-1.13	0.1229	1
Rv0371c	-	3	0	0	0	0	0	1	1
Rv0372c	-	6	3	2483.6	1947	-536.6	-0.35	0.754	1
Rv0373c	-	31	19	5421.6	3721.7	-1699.9	-0.54	0.3878	1
Rv0374c	-	4	3	23.5	59.9	36.4	1.35	0.4543	1
Rv0375c	-	6	3	2613.1	3262.7	649.6	0.32	0.7551	1
Rv0376c	-	11	5	1453.7	847.4	-606.3	-0.78	0.6252	1
Rv0377	-	6	4	1698.8	1353.1	-345.7	-0.33	0.7534	1
Rv0378	-	3	1	851.5	359	-492.5	-1.25	0.3348	1
Rv0379	secE2	2	1	588.7	148.6	-440.1	-1.99	0.324	1
Rv0380c	-	7	5	1930.4	708.5	-1221.9	-1.45	0.2956	1
Rv0381c	-	15	12	65072.6	65020.3	-52.3	0	0.9986	1
Rv0382c	pyrE	10	0	0	0	0	0	1	1
Rv0383c	-	5	1	252.3	192.9	-59.4	-0.39	0.6676	1
Rv0384c	clpB	15	0	0	0	0	0	1	1
Rv0385	-	15	13	33483.1	35064.6	1581.4	0.07	0.9373	1
Rv0386	-	34	27	19242.6	21017.8	1775.2	0.13	0.9248	1
Rv0387c	-	8	8	20093.5	15774.9	-4318.6	-0.35	0.8834	1
Rv0388c	PPE9	8	7	9947.8	6427.4	-3520.4	-0.63	0.4722	1
Rv0389	purT	6	5	4135.8	7931.2	3795.4	0.94	0.7714	1
Rv0390	-	6	5	3124.1	2594.1	-530	-0.27	0.7616	1
Rv0391	metZ	20	13	5933.4	4152.9	-1780.5	-0.51	0.3893	1
Rv0392c	ndhA	13	8	1016.5	627	-389.5	-0.7	0.3093	1
Rv0393	-	10	8	24857.3	19217.8	-5639.5	-0.37	0.6752	1
Rv0394c	-	6	5	3523.8	7358.8	3834.9	1.06	0.4113	1
Rv0395	-	6	6	485.2	1300.1	814.9	1.42	0.3446	1
Rv0396	-	4	2	2023.1	2126.2	103.1	0.07	0.8977	1
Rv0397	-	2	2	17381	5144.1	-12237	-1.76	0.3318	1
Rv0398c	-	4	1	770.1	459	-311.1	-0.75	1	1
Rv0399c	lpqK	23	13	6817.5	6249	-568.5	-0.13	0.9001	1
Rv0400c	fadE7	8	3	11391.2	11066.6	-324.6	-0.04	0.9624	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0401	-	3	1	896.8	680.8	-216.1	-0.4	0.6677	1
Rv0402c	mmpL1	41	34	21385.7	25496.8	4111	0.25	0.662	1
Rv0403c	mmpS1	6	5	7460.8	3021.1	-4439.7	-1.3	0.3408	1
Rv0404	fadD30	64	32	12978.6	20360.7	7382.1	0.65	0.415	1
Rv0405	pks6	77	41	75908.8	81711	5802.3	0.11	0.8664	1
Rv0406c	-	11	8	663.3	1113.7	450.3	0.75	0.3666	1
Rv0407	fgd1	15	12	1429.6	710.7	-718.9	-1.01	0.1776	1
Rv0408	pta	34	23	4640.6	3767.4	-873.2	-0.3	0.551	1
Rv0409	ackA	13	7	847.5	208.9	-638.6	-2.02	0.0175	0.9565
Rv0410c	pknG	25	1	5	0	-5	-1.32	1	1
Rv0411c	glnH	8	0	0	0	0	0	1	1
Rv0412c	-	19	0	0	0	0	0	1	1
Rv0413	mutT3	4	3	5495.9	4561	-934.9	-0.27	0.7138	1
Rv0414c	thiE	8	0	0	0	0	0	1	1
Rv0415	thiO	9	0	0	0	0	0	1	1
Rv0416	thiS	3	0	0	0	0	0	1	1
Rv0417	thiG	13	0	0	0	0	0	1	1
Rv0418	lpqL	20	15	4511.8	12340.6	7828.8	1.45	0.4395	1
Rv0419	lpqM	15	12	14872.8	17075.4	2202.5	0.2	0.6342	1
Rv0420c	-	7	6	10560.5	17007.5	6447	0.69	0.5274	1
Rv0421c	-	5	2	56	364.3	308.3	2.7	0.7085	1
Rv0422c	thiD	9	0	0	0	0	0	1	1
Rv0423c	thiC	14	0	0	0	0	0	1	1
Rv0424c	-	6	5	13615.3	17211.2	3595.9	0.34	0.6586	1
Rv0425c	ctpH	27	19	69241.2	41728.6	-27512.6	-0.73	0.2149	1
Rv0426c	-	2	2	2622.5	1014.9	-1607.7	-1.37	0.0821	1
Rv0427c	xthA	13	12	9980.9	8432.5	-1548.4	-0.24	0.7477	1
Rv0428c	-	11	9	2082.1	6127.7	4045.7	1.56	0.3239	1
Rv0429c	def	7	0	0	0	0	0	1	1
Rv0430	-	3	0	0	0	0	0	1	1
Rv0431	-	7	1	139	0	-139	-6.12	1	1
Rv0432	sodC	11	9	6633.5	4295.8	-2337.7	-0.63	0.3456	1
Rv0433	-	18	15	7906.7	8276.5	369.8	0.07	0.8962	1
Rv0434	-	12	9	11468.4	12162.4	694.1	0.08	0.8892	1
Rv0435c	-	18	14	11892.1	13086.5	1194.4	0.14	0.8308	1
Rv0436c	pssA	15	7	233.1	104.3	-128.8	-1.16	0.5659	1
Rv0437c	psd	7	2	356.6	67.5	-289.1	-2.4	0.2534	1
Rv0438c	moeA2	11	8	7563.6	4133.3	-3430.3	-0.87	0.4002	1
Rv0439c	-	16	13	7117.8	13347.9	6230.1	0.91	0.2823	1
Rv0440	groEL	10	0	0	0	0	0	1	1
Rv0441c	-	5	5	1381.9	13186.9	11805	3.25	0.4212	1
Rv0442c	PPE10	16	12	3063.8	3164.7	100.8	0.05	0.9397	1
Rv0443	-	11	10	16390.9	27192.5	10801.6	0.73	0.3324	1
Rv0444c	-	4	4	1572.1	1159.4	-412.7	-0.44	0.3829	1
Rv0445c	sigK	8	7	4455.1	4155.5	-299.7	-0.1	0.8937	1
Rv0446c	-	13	13	8788.5	11640.7	2852.3	0.41	0.5452	1
Rv0447c	ufaA1	23	20	122743.1	85739	-37004.1	-0.52	0.6355	1
Rv0448c	-	12	11	8335.8	12517.2	4181.5	0.59	0.2841	1
Rv0449c	-	19	18	23955.2	31208.1	7252.8	0.38	0.7341	1
Rv0450c	mmpL4	62	36	2516	1216.6	-1299.4	-1.05	0.1217	1
Rv0451c	mmpS4	14	5	123.8	58.7	-65.1	-1.08	0.3489	1
Rv0452	-	6	5	9060.8	6776.5	-2284.3	-0.42	0.5767	1
Rv0453	PPE11	20	16	26605.8	27487.2	881.5	0.05	0.9306	1
Rv0454	-	4	4	6651.1	5947.4	-703.6	-0.16	0.7675	1
Rv0455c	-	10	0	0	0	0	0	1	1
Rv0456A	-	4	4	4382.2	6817.1	2434.8	0.64	0.648	1
Rv0456c	echA2	8	8	5951.8	5546.8	-405	-0.1	0.9125	1
Rv0457c	-	29	19	9973.4	17260	7286.6	0.79	0.2802	1
Rv0458	-	12	11	17240.3	19262.1	2021.8	0.16	0.8799	1
Rv0459	-	3	3	155	968.5	813.6	2.64	0.3186	1
Rv0460	-	2	2	136.7	306.7	170	1.17	0.1661	1
Rv0461	-	11	10	14545.4	13183.6	-1361.8	-0.14	0.7926	1
Rv0462	lpd	24	0	0	0	0	0	1	1
Rv0463	-	3	2	1399.8	4742.8	3343	1.76	0.1693	1
Rv0464c	-	13	8	11265.1	5587.9	-5677.2	-1.01	0.1206	1
Rv0465c	-	22	17	45717	32557.5	-13159.5	-0.49	0.2775	1
Rv0466	-	5	4	226111.4	153778.4	-72333	-0.56	0.6502	1
Rv0467	icl	12	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0468	fadB2	7	4	1588.4	1128.8	-459.6	-0.49	0.5301	1
Rv0469	umaA	15	13	3876.5	3053.5	-823	-0.34	0.5861	1
Rv0470A	-	9	8	17032.1	24280.6	7248.4	0.51	0.3669	1
Rv0470c	pcaA	7	6	205	181	-24.1	-0.18	0.8239	1
Rv0471c	-	11	10	19952.6	20535.7	583.1	0.04	0.9365	1
Rv0472c	-	9	9	6784.9	5886.1	-898.8	-0.21	0.8646	1
Rv0473	-	12	11	5892.1	4746.7	-1145.4	-0.31	0.7127	1
Rv0474	-	4	4	17970.8	11846.3	-6124.5	-0.6	0.5899	1
Rv0475	hbhA	9	9	4708.8	2401.8	-2307	-0.97	0.1943	1
Rv0476	-	5	5	5323.9	3699.8	-1624.1	-0.53	0.3638	1
Rv0477	-	5	5	8070.1	7030.8	-1039.3	-0.2	0.777	1
Rv0478	deoC	2	2	768.9	2147.9	1378.9	1.48	0.8581	1
Rv0479c	-	11	0	0	0	0	0	1	1
Rv0480c	-	13	11	17166.9	19722.5	2555.6	0.2	0.8008	1
Rv0481c	-	8	6	8638.1	6009.4	-2628.7	-0.52	0.5031	1
Rv0482	murB	9	0	0	0	0	0	1	1
Rv0483	lprQ	19	18	44801.8	23222.7	-21579	-0.95	0.2566	1
Rv0484c	-	7	6	9020.4	5149.7	-3870.8	-0.81	0.2184	1
Rv0485	-	16	14	29459.3	39403.3	9944	0.42	0.4567	1
Rv0486	-	9	0	0	0	0	0	1	1
Rv0487	-	7	7	3607.7	2893.5	-714.2	-0.32	0.8151	1
Rv0488	-	9	9	5204.5	2715	-2489.4	-0.94	0.1497	1
Rv0489	gpm1	8	0	0	0	0	0	1	1
Rv0490	senX3	14	10	6406.3	6076	-330.2	-0.08	0.8749	1
Rv0491	regX3	6	4	7101.4	9083.3	1981.9	0.36	0.7232	1
Rv0492A	-	4	4	2238.9	2918.8	679.9	0.38	0.6989	1
Rv0492c	-	10	8	10516.5	17575.5	7059	0.74	0.4341	1
Rv0493c	-	12	10	4278.7	3999.7	-279	-0.1	0.9056	1
Rv0494	-	5	4	16492.7	15826.6	-666.2	-0.06	0.8671	1
Rv0495c	-	8	2	3.7	1.2	-2.5	-1.61	1	1
Rv0496	-	7	6	7073.8	7111.6	37.8	0.01	0.9936	1
Rv0497	-	7	1	7.3	0	-7.3	-1.87	1	1
Rv0498	-	10	9	10581.1	6501.5	-4079.6	-0.7	0.2861	1
Rv0499	-	3	2	1717.2	1946.8	229.6	0.18	0.9591	1
Rv0500	proC	8	0	0	0	0	0	1	1
Rv0500A	-	2	2	722.7	162.1	-560.5	-2.16	0.1927	1
Rv0500B	-	1	1	90.9	22.8	-68.1	-2	0.3334	1
Rv0501	galE2	15	13	33243.5	17846.6	-15396.8	-0.9	0.1057	1
Rv0502	-	14	11	28377.2	15006.2	-13371	-0.92	0.1921	1
Rv0503c	cmaA2	14	14	11699	3354.7	-8344.3	-1.8	0.0053	0.5158
Rv0504c	-	7	0	0	0	0	0	1	1
Rv0505c	serB1	13	1	1	0	-1	1	1	1
Rv0506	mmpS2	6	6	8157.2	6031.8	-2125.5	-0.44	0.4253	1
Rv0507	mmpL2	67	48	48023.1	48227.4	204.3	0.01	0.9904	1
Rv0508	-	2	1	974.6	1155.3	180.7	0.25	0.6774	1
Rv0509	hemA	15	0	0	0	0	0	1	1
Rv0510	hemC	10	0	0	0	0	0	1	1
Rv0511	hemD	12	0	0	0	0	0	1	1
Rv0512	hemB	13	1	2	0	-2	0	1	1
Rv0513	-	6	5	16165.6	7525.4	-8640.2	-1.1	0.2061	1
Rv0514	-	1	1	3732.2	3692.1	-40.2	-0.02	1	1
Rv0515	-	14	13	11969.5	8310.8	-3658.7	-0.53	0.2933	1
Rv0516c	-	6	6	4884.9	2897.9	-1987	-0.75	0.1896	1
Rv0517	-	15	15	22052.5	19261.9	-2790.6	-0.2	0.5112	1
Rv0518	-	9	9	3086.7	4969.6	1882.9	0.69	0.414	1
Rv0519c	-	8	6	6401.5	8933.5	2532	0.48	0.5375	1
Rv0520	-	3	3	2170.8	1689.2	-481.6	-0.36	0.6011	1
Rv0521	-	3	3	1382.7	187.3	-1195.4	-2.88	0.0239	1
Rv0522	gabP	15	13	18459.5	13331.9	-5127.6	-0.47	0.6776	1
Rv0523c	-	6	5	6710	6246.1	-463.9	-0.1	0.8742	1
Rv0524	hemL	17	0	0	0	0	0	1	1
Rv0525	-	7	0	0	0	0	0	1	1
Rv0526	-	7	0	0	0	0	0	1	1
Rv0527	ccdA	5	0	0	0	0	0	1	1
Rv0528	-	13	1	1.8	0	-1.8	0.13	1	1
Rv0529	ccsA	13	0	0	0	0	0	1	1
Rv0530	-	16	15	19274.8	24072.9	4798.2	0.32	0.6642	1
Rv0531	-	2	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0532	PE_PGRS6	13	9	2208.3	3539.3	1331	0.68	0.4516	1
Rv0533c	fabH	11	8	5622	11956.2	6334.2	1.09	0.6263	1
Rv0534c	menA	10	1	1	0	-1	1	1	1
Rv0535	pnp	9	6	5793.4	3549.9	-2243.6	-0.71	0.3743	1
Rv0536	galE3	10	7	10305.1	7621.8	-2683.3	-0.44	0.6535	1
Rv0537c	-	16	13	79514.5	36807.5	-42707	-1.11	0.3724	1
Rv0538	-	14	11	3154.4	2630	-524.4	-0.26	0.636	1
Rv0539	-	5	4	3806.2	3816.1	9.9	0	0.9974	1
Rv0540	-	8	7	1294.8	1327.9	33.1	0.04	0.9593	1
Rv0541c	-	12	0	0	0	0	0	1	1
Rv0542c	menE	13	2	3.7	0	-3.7	-0.87	0.4233	1
Rv0543c	-	1	0	0	0	0	0	1	1
Rv0544c	-	5	5	6726.9	1521.9	-5205	-2.14	0.0196	0.9595
Rv0545c	pitA	12	11	10693.4	4187.7	-6505.7	-1.35	0.0318	1
Rv0546c	-	4	3	1063.6	780.7	-282.9	-0.45	0.636	1
Rv0547c	-	10	8	15129.4	19969.7	4840.3	0.4	0.7015	1
Rv0548c	menB	9	0	0	0	0	0	1	1
Rv0549c	-	2	2	2571.4	3881.7	1310.3	0.59	0.7086	1
Rv0550c	-	1	1	1080.5	1489.2	408.7	0.46	0.6595	1
Rv0551c	fadD8	24	21	7568.6	10684.1	3115.5	0.5	0.5824	1
Rv0552	-	15	10	19251.9	18705.7	-546.2	-0.04	0.9603	1
Rv0553	menC	7	1	3.7	0	-3.7	-0.87	1	1
Rv0554	bpoC	10	7	1236	1739.2	503.3	0.49	0.6801	1
Rv0555	menD	12	0	0	0	0	0	1	1
Rv0556	-	11	0	0	0	0	0	1	1
Rv0557	pimB	11	5	43545.6	55584.4	12038.9	0.35	0.938	1
Rv0558	ubiE	12	0	0	0	0	0	1	1
Rv0559c	-	5	5	4749.9	5208.4	458.5	0.13	0.8574	1
Rv0560c	-	9	7	2206.3	1275.5	-930.7	-0.79	0.1902	1
Rv0561c	-	16	4	59.9	31.2	-28.7	-0.94	0.7995	1
Rv0562	grcC1	11	0	0	0	0	0	1	1
Rv0563	htpX	11	10	1833.2	1074.8	-758.4	-0.77	0.4877	1
Rv0564c	gpsA	9	8	9383.7	7867.6	-1516.1	-0.25	0.7296	1
Rv0565c	-	28	24	9990.2	9488.7	-501.5	-0.07	0.872	1
Rv0566c	-	4	3	2186.9	2438.9	252	0.16	0.8307	1
Rv0567	-	14	11	15407.6	10818.1	-4589.5	-0.51	0.4883	1
Rv0568	cyp135B1	11	9	9360.9	13267.7	3906.7	0.5	0.63	1
Rv0569	-	3	3	3630.2	1673.3	-1956.9	-1.12	0.0856	1
Rv0570	nrdZ	29	20	14245	12951.2	-1293.8	-0.14	0.8098	1
Rv0571c	-	11	7	2371.8	1856.5	-515.3	-0.35	0.7432	1
Rv0572c	-	5	5	6338.6	5415.2	-923.5	-0.23	0.7767	1
Rv0573c	-	11	10	8548.4	7779.8	-768.5	-0.14	0.8796	1
Rv0574c	-	16	12	7224.4	9327.1	2102.7	0.37	0.6428	1
Rv0575c	-	8	6	25288.5	25698.3	409.8	0.02	0.977	1
Rv0576	-	14	10	6191.5	5015.8	-1175.8	-0.3	0.6218	1
Rv0577	TB27.3	12	11	6431.3	5759.1	-672.2	-0.16	0.7345	1
Rv0578c	PE_PGRS7	14	6	796.1	1779.7	983.5	1.16	0.624	1
Rv0579	-	8	6	23735.2	22072.7	-1662.5	-0.1	0.7537	1
Rv0580c	-	7	6	2890.3	1261.9	-1628.4	-1.2	0.2585	1
Rv0581	-	4	4	3393.3	3802.5	409.2	0.16	0.8142	1
Rv0582	-	9	6	2222.9	934.8	-1288.1	-1.25	0.3343	1
Rv0583c	lpqN	6	6	3896.2	3601	-295.2	-0.11	0.8782	1
Rv0584	-	50	38	17815.4	13303.2	-4512.2	-0.42	0.2943	1
Rv0585c	-	29	15	5946.1	6509.8	563.6	0.13	0.9243	1
Rv0586	-	7	4	92	268.4	176.4	1.54	0.585	1
Rv0587	yrbE2A	9	6	482.3	2741.2	2258.9	2.51	0.1125	1
Rv0588	yrbE2B	10	4	501	252	-249	-0.99	0.1952	1
Rv0589	mce2A	19	8	409	1199.6	790.6	1.55	0.9692	1
Rv0590	mce2B	7	6	642.8	1691.6	1048.8	1.4	0.1248	1
Rv0590A	-	7	5	388.7	183.4	-205.3	-1.08	0.683	1
Rv0591	mce2C	17	14	3476.5	1996.6	-1479.9	-0.8	0.4119	1
Rv0592	mce2D	23	16	3909.3	1828.7	-2080.6	-1.1	0.0317	1
Rv0593	lprL	15	12	14819.3	13739.9	-1079.4	-0.11	0.9097	1
Rv0594	mce2F	23	19	26970.5	17865.7	-9104.8	-0.59	0.1367	1
Rv0595c	-	6	6	4416.3	5351.2	934.9	0.28	0.8031	1
Rv0596c	-	2	2	13.8	6	-7.8	-1.21	0.7163	1
Rv0597c	-	9	7	41245.4	27463.6	-13781.9	-0.59	0.6415	1
Rv0598c	-	5	4	1743.1	2094.9	351.8	0.27	0.948	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0599c	-	5	4	961.4	503.3	-458	-0.93	0.4788	1
Rv0600c	-	1	1	577.4	416.4	-161	-0.47	0.6626	1
Rv0601c	-	4	3	2329.5	907.6	-1421.9	-1.36	0.1555	1
Rv0602c	tcrA	11	8	3604.8	1579.9	-2024.9	-1.19	0.0528	1
Rv0603	-	1	1	214.3	8.4	-206	-4.68	0.3273	1
Rv0604	lpqO	3	2	128	92.3	-35.7	-0.47	0.7175	1
Rv0605	-	5	5	4831.5	6406.8	1575.3	0.41	0.6155	1
Rv0606	-	7	5	2045.4	1764.6	-280.8	-0.21	0.9072	1
Rv0607	-	1	1	1.8	0	-1.8	0.13	1	1
Rv0608	-	1	0	0	0	0	0	1	1
Rv0609	-	7	6	2005.9	426.6	-1579.3	-2.23	0.0983	1
Rv0609A	-	2	2	1144.8	584.8	-559.9	-0.97	0.4286	1
Rv0610c	-	3	3	1414.7	2158.6	743.9	0.61	0.8735	1
Rv0611c	-	11	8	4842.8	6577.5	1734.7	0.44	0.9586	1
Rv0612	-	5	5	4062.5	2571.8	-1490.7	-0.66	0.4574	1
Rv0613c	-	12	12	9612.7	7428.7	-2184	-0.37	0.5359	1
Rv0614	-	10	7	6723.3	14695.1	7971.8	1.13	0.1559	1
Rv0615	-	3	2	639.8	806.1	166.3	0.33	0.8481	1
Rv0616c	-	5	3	514.2	1268.4	754.2	1.3	0.5306	1
Rv0617	-	1	1	4112	7477.6	3365.6	0.86	0.3287	1
Rv0618	galTa	5	3	789.6	1229.1	439.4	0.64	0.7889	1
Rv0619	galTb	10	7	2341.3	1347.7	-993.6	-0.8	0.7342	1
Rv0620	galK	4	2	1619.2	1791.7	172.5	0.15	0.8009	1
Rv0621	-	8	6	2487.3	2874	386.7	0.21	0.8184	1
Rv0622	-	9	8	2165.2	1037.2	-1128	-1.06	0.2569	1
Rv0623	-	1	0	0	0	0	0	1	1
Rv0624	-	6	5	3878.1	3925	46.9	0.02	0.982	1
Rv0625c	-	7	4	4700.6	19135.3	14434.7	2.03	0.7412	1
Rv0626	-	4	2	1693.6	531.6	-1162	-1.67	0.4035	1
Rv0627	-	1	1	81	25.2	-55.8	-1.69	1	1
Rv0628c	-	3	1	6081.4	5678.8	-402.6	-0.1	1	1
Rv0629c	recD	11	7	42610.4	52713.3	10102.9	0.31	0.9586	1
Rv0630c	recB	26	15	5286	3696.6	-1589.3	-0.52	0.3603	1
Rv0631c	recC	14	9	4255.3	2839.7	-1415.6	-0.58	0.4874	1
Rv0632c	echA3	9	7	4767.8	8291.2	3523.5	0.8	0.7133	1
Rv0633c	-	12	12	15172.8	15578	405.2	0.04	0.977	1
Rv0634A	-	6	4	284.4	38.3	-246.1	-2.89	0.0433	1
Rv0634B	rpmG	3	0	0	0	0	0	1	1
Rv0634c	-	11	11	4373.8	5001.5	627.6	0.19	0.7326	1
Rv0635	-	12	0	0	0	0	0	1	1
Rv0636	-	4	0	0	0	0	0	1	1
Rv0637	-	5	0	0	0	0	0	1	1
Rv0638	secE	9	1	1	0	-1	1	1	1
Rv0639	nusG	11	1	1.8	0	-1.8	0.13	1	1
Rv0640	rplK	4	2	3.7	0	-3.7	-0.87	0.4235	1
Rv0641	rplA	5	0	0	0	0	0	1	1
Rv0642c	mmaA4	12	11	2090.7	13.2	-2077.5	-7.31	0	0
Rv0643c	mmaA3	17	16	16887.7	6998.2	-9889.4	-1.27	0.0264	1
Rv0644c	mmaA2	7	6	15173.1	13893.6	-1279.4	-0.13	0.8418	1
Rv0645c	mmaA1	12	12	35319.4	24472.8	-10846.7	-0.53	0.41	1
Rv0646c	lipG	6	6	11723.3	3232.1	-8491.2	-1.86	0.0916	1
Rv0647c	-	10	1	1.8	0	-1.8	0.13	1	1
Rv0648	-	30	23	75610.1	69443.6	-6166.6	-0.12	0.8654	1
Rv0649	fabD2	3	3	137.2	37.2	-100	-1.88	0.3251	1
Rv0650	-	3	3	774.6	481.1	-293.5	-0.69	0.4788	1
Rv0651	rplJ	5	0	0	0	0	0	1	1
Rv0652	rplL	0	0	0	0	0	0	1	1
Rv0653c	-	9	7	1984.1	966	-1018.1	-1.04	0.2524	1
Rv0654	-	22	18	23587.7	37332.7	13745	0.66	0.3661	1
Rv0655	mkl	11	10	6018.4	3263.1	-2755.3	-0.88	0.1119	1
Rv0656c	-	4	4	10813.8	6298.3	-4515.5	-0.78	0.125	1
Rv0657c	-	1	1	237.1	1582.3	1345.2	2.74	0.6678	1
Rv0658c	-	11	10	4830.6	9223	4392.4	0.93	0.2037	1
Rv0659c	-	3	3	3137.7	3445.5	307.8	0.14	0.8606	1
Rv0660c	-	2	2	1201.6	346.3	-855.3	-1.79	0.0741	1
Rv0661c	-	3	3	4727.3	2919.6	-1807.7	-0.7	0.5364	1
Rv0662c	-	2	2	1980.9	1783	-197.9	-0.15	0.776	1
Rv0663	atsD	34	19	9241.7	6133.4	-3108.3	-0.59	0.2786	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0664	-	2	1	218.8	36	-182.8	-2.61	0.6686	1
Rv0665	-	5	4	304.7	651	346.2	1.1	0.4552	1
Rv0666	-	0	0	0	0	0	0	1	1
Rv0667	rpoB	24	0	0	0	0	0	1	1
Rv0668	rpoC	30	1	1	0	-1	1	1	1
Rv0669c	-	25	21	12558.6	12167	-391.6	-0.05	0.9467	1
Rv0670	end	5	4	4745.4	5896.4	1151	0.31	0.5844	1
Rv0671	lpqP	11	9	6443.4	10389.7	3946.3	0.69	0.3724	1
Rv0672	fadE8	22	18	12263.6	8945.1	-3318.5	-0.46	0.3322	1
Rv0673	echA4	8	7	2316.4	1896.4	-420	-0.29	0.7829	1
Rv0674	-	4	0	0	0	0	0	1	1
Rv0675	echA5	3	0	0	0	0	0	1	1
Rv0676c	mmpL5	27	22	20451.2	9239.9	-11211.4	-1.15	0.0009	0.1496
Rv0677c	mmpS5	5	5	1883.2	194.1	-1689	-3.28	0.0008	0.1451
Rv0678	-	2	1	410.9	202.5	-208.3	-1.02	0.6663	1
Rv0679c	-	5	5	3147.3	3147.7	0.5	0	0.9997	1
Rv0680c	-	3	3	10834	18752.7	7918.6	0.79	0.4247	1
Rv0681	-	10	9	4330.8	2380.9	-1949.9	-0.86	0.3084	1
Rv0682	rpsL	5	0	0	0	0	0	1	1
Rv0683	rpsG	4	0	0	0	0	0	1	1
Rv0684	fusA1	24	0	0	0	0	0	1	1
Rv0685	tuf	9	1	1.8	0	-1.8	0.13	1	1
Rv0686	-	8	8	14055.6	15295.3	1239.7	0.12	0.8927	1
Rv0687	fabG	11	8	4785.9	3526.3	-1259.6	-0.44	0.3652	1
Rv0688	-	13	9	3194.1	3044.7	-149.4	-0.07	0.9403	1
Rv0689c	-	3	1	1494.7	1195.6	-299.1	-0.32	0.3339	1
Rv0690c	-	15	11	16843.4	30008.1	13164.7	0.83	0.5144	1
Rv0691c	-	9	9	4027.2	2779.8	-1247.4	-0.53	0.3467	1
Rv0692	-	5	3	4430.5	4384.9	-45.6	-0.01	0.9923	1
Rv0693	pqqE	14	10	4946.7	5837.2	890.6	0.24	0.7159	1
Rv0694	lldD1	12	8	1602.9	410.6	-1192.3	-1.97	0.1121	1
Rv0695	-	10	6	1052.1	1913.9	861.7	0.86	0.4237	1
Rv0696	-	17	10	28967.2	33318.3	4351.1	0.2	0.813	1
Rv0697	-	19	5	316	164.2	-151.8	-0.94	0.4695	1
Rv0698	-	8	4	56.9	420	363.1	2.88	0.4299	1
Rv0699	-	2	2	1340.3	2086.4	746	0.64	0.3233	1
Rv0700	rpsJ	6	0	0	0	0	0	1	1
Rv0701	rplC	13	1	0	3.6	3.6	0.85	1	1
Rv0702	rplD	8	0	0	0	0	0	1	1
Rv0703	rplW	4	0	0	0	0	0	1	1
Rv0704	rplB	13	0	0	0	0	0	1	1
Rv0705	rpsS	1	0	0	0	0	0	1	1
Rv0706	rplV	3	0	0	0	0	0	1	1
Rv0707	rpsC	13	2	4.8	0	-4.8	-1.27	0.4359	1
Rv0708	rplP	6	0	0	0	0	0	1	1
Rv0709	rpmC	3	0	0	0	0	0	1	1
Rv0710	rpsQ	9	0	0	0	0	0	1	1
Rv0711	atsA	36	34	27593	30474.2	2881.2	0.14	0.7884	1
Rv0712	-	15	7	3653.1	4733	1079.8	0.37	0.6422	1
Rv0713	-	13	11	15777.7	19418.6	3640.9	0.3	0.756	1
Rv0714	rplN	3	0	0	0	0	0	1	1
Rv0715	rplX	4	0	0	0	0	0	1	1
Rv0716	rplE	4	0	0	0	0	0	1	1
Rv0717	rpsN	2	0	0	0	0	0	1	1
Rv0718	rpsH	8	1	1.8	0	-1.8	0.13	1	1
Rv0719	rplF	9	1	1.8	0	-1.8	0.13	1	1
Rv0720	rplR	1	0	0	0	0	0	1	1
Rv0721	rpsE	8	0	0	0	0	0	1	1
Rv0722	rpmD	1	0	0	0	0	0	1	1
Rv0723	rplO	2	0	0	0	0	0	1	1
Rv0724	sppA	22	17	16282	12807.2	-3474.8	-0.35	0.5003	1
Rv0724A	-	4	3	792.8	446.5	-346.3	-0.83	0.5198	1
Rv0725c	-	13	8	7998.4	8661.6	663.1	0.11	0.9578	1
Rv0726c	-	14	7	51463.2	43245.9	-8217.3	-0.25	0.7534	1
Rv0727c	fucA	9	9	3207.3	2545.4	-661.9	-0.33	0.5914	1
Rv0728c	serA2	3	2	259	15.6	-243.5	-4.06	0.0199	0.9595
Rv0729	xylB	15	13	11623	13607.5	1984.5	0.23	0.8918	1
Rv0730	-	0	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0731c	-	7	6	41275.4	40354.5	-920.9	-0.03	0.9086	1
Rv0732	secY	21	0	0	0	0	0	1	1
Rv0733	adk	3	0	0	0	0	0	1	1
Rv0734	mapA	7	5	2363.3	192.9	-2170.3	-3.61	0.0081	0.6733
Rv0735	sigL	5	5	13521.8	16049.6	2527.8	0.25	0.7042	1
Rv0736	-	6	0	0	0	0	0	1	1
Rv0737	-	4	2	723.9	428.2	-295.7	-0.76	0.5656	1
Rv0738	-	1	1	9.1	24	14.8	1.39	1	1
Rv0739	-	11	10	16120.1	18715.1	2595	0.22	0.6406	1
Rv0740	-	8	6	1211.1	691	-520.1	-0.81	0.2313	1
Rv0741	-	2	1	1045.5	852.6	-192.9	-0.29	1	1
Rv0742	PE_PGRS8	5	3	867.9	1159.2	291.3	0.42	0.6177	1
Rv0743c	-	7	7	10846.9	7508.6	-3338.3	-0.53	0.5845	1
Rv0744c	-	7	4	1953.3	4192.5	2239.3	1.1	0.511	1
Rv0745	-	5	4	1241.3	606.3	-635	-1.03	0.334	1
Rv0746	PE_PGRS9	12	6	351.7	123.4	-228.2	-1.51	0.2157	1
Rv0747	PE_PGRS10	12	9	1963	1723	-239.9	-0.19	0.8297	1
Rv0748	-	2	2	942.6	172.6	-770	-2.45	0.1121	1
Rv0749	-	4	4	1320.6	1165.8	-154.8	-0.18	0.8192	1
Rv0749A	-	1	1	433	89.9	-343.2	-2.27	0.3341	1
Rv0750	-	3	2	1082.5	1764.6	682	0.7	0.5908	1
Rv0751c	mmsB	5	4	910.2	1440.5	530.3	0.66	0.4035	1
Rv0752c	fadE9	13	9	2118.1	2768.7	650.5	0.39	0.6323	1
Rv0753c	mmsA	16	12	30812.3	25994.1	-4818.1	-0.25	0.7879	1
Rv0754	PE_PGRS11	22	14	11034.2	8409.2	-2625	-0.39	0.5868	1
Rv0755A	-	4	3	4703.6	6165.3	1461.7	0.39	0.747	1
Rv0755c	PPE12	50	20	8679.4	10678	1998.6	0.3	0.8532	1
Rv0756c	-	6	6	7749.9	8166.4	416.6	0.08	0.9113	1
Rv0757	phoP	7	4	55.1	0	-55.1	-4.78	0.0509	1
Rv0758	phoR	15	13	1273.4	445.8	-827.6	-1.51	0.235	1
Rv0759c	-	2	0	0	0	0	0	1	1
Rv0760c	-	5	4	4005.3	3090	-915.3	-0.37	0.7242	1
Rv0761c	adhB	12	11	12051.7	14666.4	2614.7	0.28	0.7466	1
Rv0762c	-	9	8	2779.4	2239.4	-540	-0.31	0.5996	1
Rv0763c	-	1	1	21.5	18	-3.5	-0.26	1	1
Rv0764c	cyp51	14	10	20018.8	19604.1	-414.7	-0.03	0.981	1
Rv0765c	-	9	5	3503.8	2227	-1276.8	-0.65	0.5386	1
Rv0766c	cyp123	15	8	3399	1992.8	-1406.3	-0.77	0.3805	1
Rv0767c	-	10	8	4993.2	1904.8	-3088.4	-1.39	0.2552	1
Rv0768	aldA	16	8	2494.5	2329.6	-164.9	-0.1	0.9286	1
Rv0769	-	15	10	4173	7802.2	3629.2	0.9	0.474	1
Rv0770	-	6	6	2167.9	1906.2	-261.7	-0.19	0.959	1
Rv0771	-	8	7	2443.5	3173.1	729.5	0.38	0.7064	1
Rv0772	purD	19	1	1.8	0	-1.8	0.13	1	1
Rv0773c	ggtA	18	7	640.3	460.9	-179.4	-0.47	0.6394	1
Rv0774c	-	7	4	489.7	43.1	-446.5	-3.5	0.0288	1
Rv0775	-	9	9	10170	13229.5	3059.5	0.38	0.6177	1
Rv0776c	-	13	11	11012.1	9853.3	-1158.8	-0.16	0.8759	1
Rv0777	purB	14	1	1.8	0	-1.8	0.13	1	1
Rv0778	cyp126	15	13	4820.6	4649.3	-171.3	-0.05	0.9157	1
Rv0779c	-	4	3	293.4	44.3	-249	-2.73	0.1048	1
Rv0780	hemH	17	1	3.7	0	-3.7	-0.87	1	1
Rv0781	ptrBa	20	6	201	92.3	-108.8	-1.12	0.4273	1
Rv0782	ptrBb	29	13	1727.7	1612.9	-114.9	-0.1	0.8687	1
Rv0783c	emrB	20	13	9703.1	6756.8	-2946.3	-0.52	0.6393	1
Rv0784	-	7	2	790.7	1042.9	252.2	0.4	0.6118	1
Rv0785	-	25	16	8261.7	10022.9	1761.2	0.28	0.5908	1
Rv0786c	-	10	6	2952	3472.7	520.7	0.23	0.6995	1
Rv0787	-	10	9	1088.3	2036	947.7	0.9	0.4927	1
Rv0787A	-	2	0	0	0	0	0	1	1
Rv0788	purQ	11	1	3	0	-3	-0.58	1	1
Rv0789c	-	7	5	3229.4	3305.2	75.8	0.03	0.9739	1
Rv0790c	-	16	14	11573.9	11463.4	-110.5	-0.01	0.981	1
Rv0791c	-	7	7	1559.3	623.7	-935.5	-1.32	0.1997	1
Rv0792c	-	14	11	12395.2	6883.1	-5512	-0.85	0.0983	1
Rv0793	-	8	8	5055.8	3598.6	-1457.1	-0.49	0.5427	1
Rv0794c	-	14	10	5808	6065.8	257.8	0.06	0.9385	1
Rv0795	-	3	3	2857.6	2094.6	-763	-0.45	0.6009	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0796	-	17	17	9283.9	10486.4	1202.5	0.18	0.7193	1
Rv0797	-	5	5	2440.3	2168.2	-272.1	-0.17	0.83	1
Rv0798c	cfp29	14	7	745.8	358.3	-387.5	-1.06	0.3472	1
Rv0799c	-	9	8	1039.8	449.4	-590.4	-1.21	0.0608	1
Rv0800	pepC	11	8	5532.2	5430.9	-101.3	-0.03	0.9712	1
Rv0801	-	0	0	0	0	0	0	1	1
Rv0802c	-	15	9	4182.1	4132.1	-50	-0.02	0.9865	1
Rv0803	purL	28	0	0	0	0	0	1	1
Rv0804	-	6	4	28889.5	18603.3	-10286.3	-0.63	0.5302	1
Rv0805	-	14	10	9499.6	4265.7	-5233.9	-1.16	0.2208	1
Rv0806c	cpsY	34	30	32214	27501.3	-4712.7	-0.23	0.7092	1
Rv0807	-	2	1	135.2	3.6	-131.6	-5.23	0.3389	1
Rv0808	purF	18	2	3.7	0	-3.7	-0.87	0.4328	1
Rv0809	purM	10	0	0	0	0	0	1	1
Rv0810c	-	3	0	0	0	0	0	1	1
Rv0811c	-	15	0	0	0	0	0	1	1
Rv0812	-	9	2	1.8	1.2	-0.6	-0.61	1	1
Rv0813c	-	12	12	15197.7	15917.9	720.3	0.07	0.9164	1
Rv0814c	sseC2	2	2	3379.1	2369.1	-1010.1	-0.51	0.4735	1
Rv0815c	cysA2	12	12	9351.7	9331.3	-20.4	0	0.9915	1
Rv0816c	thiX	2	1	1	19.2	18.2	4.26	1	1
Rv0817c	-	12	1	1.8	0	-1.8	0.13	1	1
Rv0818	-	6	5	105653.9	48848.1	-56805.8	-1.11	0.0288	1
Rv0819	-	7	1	1.8	0	-1.8	0.13	1	1
Rv0820	phoT	9	8	51215.2	43172.2	-8043	-0.25	0.7197	1
Rv0821c	phoY2	3	2	97.5	39.5	-57.9	-1.3	0.7994	1
Rv0822c	-	23	22	67885.1	57582.9	-10302.2	-0.24	0.5027	1
Rv0823c	-	16	11	22043.4	12596.8	-9446.7	-0.81	0.0622	1
Rv0824c	desA1	14	2	3.8	0	-3.8	-0.94	0.4236	1
Rv0825c	-	9	9	12304.9	23438.2	11133.3	0.93	0.79	1
Rv0826	-	16	14	31831.2	28155.1	-3676.1	-0.18	0.7845	1
Rv0827c	-	3	3	1204.3	2471.5	1267.2	1.04	0.9718	1
Rv0828c	-	10	10	10878.6	8440.9	-2437.7	-0.37	0.5025	1
Rv0829	-	3	3	474.4	291.4	-183	-0.7	0.5398	1
Rv0830	-	12	12	22521.4	21983	-538.4	-0.03	0.9731	1
Rv0831c	-	16	14	30726.2	22861.7	-7864.5	-0.43	0.3608	1
Rv0832	PE_PGRS12	3	1	553	140.2	-412.8	-1.98	0.3303	1
Rv0833	PE_PGRS13	8	3	19.8	4.8	-15	-2.05	0.2284	1
Rv0834c	PE_PGRS14	19	14	1861	2102.1	241.1	0.18	0.8258	1
Rv0835	lpqQ	10	6	2600.6	1882.3	-718.3	-0.47	0.5298	1
Rv0836c	-	7	7	4184.9	3034.5	-1150.4	-0.46	0.5567	1
Rv0837c	-	17	14	8134.1	8023.1	-111	-0.02	0.9745	1
Rv0838	lpqR	6	3	958.3	520.5	-437.8	-0.88	0.6158	1
Rv0839	-	10	8	12992.5	13566.9	574.4	0.06	0.9763	1
Rv0840c	pip	6	5	2899.9	5673.5	2773.5	0.97	0.3019	1
Rv0841	-	3	2	139.3	98.3	-41	-0.5	0.741	1
Rv0842	-	17	13	6107.1	7000.8	893.8	0.2	0.7322	1
Rv0843	-	17	14	19548.3	20086.1	537.8	0.04	0.9591	1
Rv0844c	narL	8	8	11670.3	13781.9	2111.6	0.24	0.7408	1
Rv0845	-	21	17	9261.2	12715.8	3454.7	0.46	0.4806	1
Rv0846c	-	25	17	5557.6	5732.8	175.2	0.04	0.92	1
Rv0847	lpqS	6	5	3047	5912.4	2865.4	0.96	0.5521	1
Rv0848	cysK2	21	14	1889.5	1305.8	-583.7	-0.53	0.6283	1
Rv0849	-	17	14	5372.4	5288.5	-83.8	-0.02	0.9617	1
Rv0850	-	8	5	1121.3	978.7	-142.6	-0.2	0.8105	1
Rv0851c	-	7	6	826.4	1964.6	1138.1	1.25	0.3664	1
Rv0852	fadD16	12	8	1811	1697.2	-113.8	-0.09	0.9205	1
Rv0853c	pdc	18	10	7565.7	8170.5	604.8	0.11	0.9077	1
Rv0854	-	6	6	5251.1	4615.2	-635.9	-0.19	0.8557	1
Rv0855	far	11	7	6269.5	4050.5	-2219	-0.63	0.3447	1
Rv0856	-	5	5	2174.3	2528.7	354.4	0.22	0.6825	1
Rv0857	-	6	5	9066.4	11568.8	2502.4	0.35	0.6613	1
Rv0858c	-	16	16	11002.9	12952.1	1949.2	0.24	0.8807	1
Rv0859	fadA	7	6	1866.3	1166.3	-700	-0.68	0.5264	1
Rv0860	fadB	18	11	402.2	990	587.7	1.3	0.2232	1
Rv0861c	ercc3	18	11	8366	7118.6	-1247.4	-0.23	0.8342	1
Rv0862c	-	24	10	1207.2	823.3	-383.9	-0.55	0.6478	1
Rv0863	-	4	4	2473.5	1268.1	-1205.4	-0.96	0.1211	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0864	moaC	9	5	9969.6	10161	191.4	0.03	0.9801	1
Rv0865	mog	7	5	7784.9	5454.8	-2330.1	-0.51	0.4798	1
Rv0866	moaE2	2	2	3014.8	1886.2	-1128.5	-0.68	0.4343	1
Rv0867c	rpfA	6	5	1019.3	300.8	-718.5	-1.76	0.163	1
Rv0868c	moaD2	5	4	9651.9	12400.4	2748.6	0.36	0.5983	1
Rv0869c	moaA	11	9	11785.7	12049.3	263.6	0.03	0.966	1
Rv0870c	-	2	2	2600.7	989	-1611.6	-1.39	0.1313	1
Rv0871	cspB	2	2	2818.4	976.9	-1841.5	-1.53	0.2987	1
Rv0872c	PE_PGRS15	21	11	10330.7	8298.8	-2031.9	-0.32	0.7621	1
Rv0873	fadE10	28	22	14410.1	23401.9	8991.8	0.7	0.2249	1
Rv0874c	-	9	6	8150.3	5165.2	-2985	-0.66	0.3193	1
Rv0875c	-	9	5	70.3	6	-64.3	-3.55	0.0627	1
Rv0876c	-	18	12	3661.2	4713.1	1051.9	0.36	0.8021	1
Rv0877	-	10	9	86662.6	58505.7	-28156.9	-0.57	0.5907	1
Rv0878c	PPE13	13	13	12046	12753.5	707.5	0.08	0.8343	1
Rv0879c	-	1	0	0	0	0	0	1	1
Rv0880	-	1	1	15.6	0	-15.6	-2.97	0.3406	1
Rv0881	-	10	7	6392.2	3391.6	-3000.6	-0.91	0.4947	1
Rv0882	-	1	1	178.4	138.5	-39.9	-0.36	1	1
Rv0883c	-	5	0	0	0	0	0	1	1
Rv0884c	serC	11	0	0	0	0	0	1	1
Rv0885	-	10	7	2844.7	769.4	-2075.3	-1.89	0.0056	0.532
Rv0886	fprB	20	13	5278.3	975.6	-4302.7	-2.44	0.0499	1
Rv0887c	-	3	2	3280.1	2434.6	-845.5	-0.43	0.7733	1
Rv0888	-	23	19	9868.8	9045.3	-823.5	-0.13	0.8306	1
Rv0889c	citA	8	7	4892.1	7039.3	2147.2	0.52	0.4885	1
Rv0890c	-	36	30	40476.9	42641.2	2164.3	0.08	0.8798	1
Rv0891c	-	18	15	6685.7	9432.9	2747.2	0.5	0.6106	1
Rv0892	-	29	15	5039.3	9008.1	3968.7	0.84	0.4696	1
Rv0893c	-	17	7	175.7	213.3	37.6	0.28	0.8473	1
Rv0894	-	9	6	654.3	1148.6	494.3	0.81	0.9231	1
Rv0895	-	23	18	13777.9	12181.3	-1596.7	-0.18	0.6163	1
Rv0896	gltA	19	1	1.8	0	-1.8	0.13	1	1
Rv0897c	-	14	5	423.1	503.3	80.3	0.25	0.9399	1
Rv0898c	-	0	0	0	0	0	0	1	1
Rv0899	ompA	14	6	488.9	117.4	-371.4	-2.06	0.1748	1
Rv0900	-	2	2	667	644.8	-22.2	-0.05	0.9943	1
Rv0901	-	7	5	1072.5	2144.8	1072.3	1	0.3191	1
Rv0902c	prrB	11	2	1.8	2.4	0.6	0.39	1	1
Rv0903c	prrA	7	0	0	0	0	0	1	1
Rv0904c	accD3	16	9	496.1	1321.4	825.2	1.41	0.9546	1
Rv0905	echA6	6	3	2393.1	2391.3	-1.9	0	1	1
Rv0906	-	12	9	2974.3	1426	-1548.3	-1.06	0.0392	1
Rv0907	-	29	20	3450.5	2422.9	-1027.6	-0.51	0.6029	1
Rv0908	ctpE	19	14	4583	5136.4	553.5	0.16	0.9223	1
Rv0909	-	2	2	1178.4	1461.6	283.2	0.31	0.78	1
Rv0910	-	7	6	1745	4463.2	2718.2	1.35	0.9504	1
Rv0911	-	11	9	2914.5	4586.9	1672.4	0.65	0.5447	1
Rv0912	-	4	3	3665.9	4134.5	468.6	0.17	0.9001	1
Rv0913c	-	33	13	2544.1	1060.1	-1484	-1.26	0.2253	1
Rv0914c	-	13	11	3939.3	2757.5	-1181.8	-0.51	0.5202	1
Rv0915c	PPE14	12	8	9745.2	6991.6	-2753.7	-0.48	0.5269	1
Rv0916c	PE7	5	4	666	1330.2	664.2	1	0.7127	1
Rv0917	betP	32	30	31193.7	42834.8	11641.1	0.46	0.5646	1
Rv0918	-	8	6	7980.4	12814.4	4834	0.68	0.9573	1
Rv0919	-	6	4	1502.1	2106.2	604.1	0.49	0.4849	1
Rv0920c	-	19	14	5057.3	4958.1	-99.2	-0.03	0.9594	1
Rv0921	-	5	5	1418.8	1630	211.2	0.2	0.8422	1
Rv0922	-	12	12	8203	6179	-2024	-0.41	0.6038	1
Rv0923c	-	15	12	7018.1	7154.5	136.4	0.03	0.9742	1
Rv0924c	mntH	12	11	7094	1924.7	-5169.3	-1.88	0.0005	0.105
Rv0925c	-	14	12	10704.5	10522	-182.4	-0.02	0.9732	1
Rv0926c	-	18	15	7187.7	5064.8	-2122.9	-0.51	0.3842	1
Rv0927c	-	5	3	2113.3	2752.8	639.5	0.38	0.867	1
Rv0928	pstS3	14	12	17765	14081.2	-3683.8	-0.34	0.5983	1
Rv0929	pstC2	11	9	18546.5	20334.6	1788.2	0.13	0.9835	1
Rv0930	pstA1	14	14	80153.5	31905.6	-48247.9	-1.33	0.1266	1
Rv0931c	pknD	35	33	61697.3	71278.4	9581.1	0.21	0.5958	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv0932c	pstS2	21	20	28497.9	26759.5	-1738.4	-0.09	0.8843	1
Rv0933	pstB	11	9	4897.8	2853.7	-2044.1	-0.78	0.1237	1
Rv0934	pstS1	16	13	8739.1	12352.3	3613.3	0.5	0.6973	1
Rv0935	pstC1	10	8	3000.1	3348.1	348	0.16	0.7784	1
Rv0936	pstA2	14	10	2172.5	3183.7	1011.2	0.55	0.4956	1
Rv0937c	-	9	4	772.3	1540.5	768.2	1	0.6902	1
Rv0938	-	33	8	1270.8	624.6	-646.2	-1.02	0.318	1
Rv0939	-	21	17	3664.7	3053.3	-611.4	-0.26	0.6831	1
Rv0940c	-	9	3	178.9	473.9	295	1.41	0.5352	1
Rv0941c	-	6	5	1281.8	870	-411.8	-0.56	0.443	1
Rv0942	-	5	4	3593.2	2088.4	-1504.8	-0.78	0.4725	1
Rv0943c	-	15	12	8043.5	4601.8	-3441.6	-0.81	0.2177	1
Rv0944	-	6	5	6463	9236.7	2773.7	0.52	0.6102	1
Rv0945	-	7	4	812.9	1522.4	709.5	0.91	0.6578	1
Rv0946c	pgi	14	0	0	0	0	0	1	1
Rv0948c	-	5	0	0	0	0	0	1	1
Rv0949	uvrD1	40	1	1	0	-1	1	1	1
Rv0950c	-	13	7	19640	12849.8	-6790.2	-0.61	0.6593	1
Rv0951	sucC	14	1	1.8	0	-1.8	0.13	1	1
Rv0952	sucD	8	0	0	0	0	0	1	1
Rv0953c	-	9	7	7395.1	8908.9	1513.7	0.27	0.7437	1
Rv0954	-	23	13	8062.9	12336.5	4273.6	0.61	0.499	1
Rv0955	-	13	1	17	0	-17	-3.09	1	1
Rv0956	purN	11	0	0	0	0	0	1	1
Rv0957	purH	18	1	0	1.2	1.2	-0.74	1	1
Rv0958	-	9	8	2897.4	2432.2	-465.1	-0.25	0.6503	1
Rv0959	-	11	6	15129.8	12232.2	-2897.6	-0.31	0.7235	1
Rv0960	-	5	4	1745.9	1143.4	-602.6	-0.61	0.5792	1
Rv0961	-	6	5	1410.8	761	-649.8	-0.89	0.3075	1
Rv0962c	lprP	11	10	13022.7	20833.4	7810.7	0.68	0.4832	1
Rv0963c	-	9	8	8242.7	8022.4	-220.2	-0.04	0.9603	1
Rv0964c	-	4	3	1186.7	813.8	-372.9	-0.54	0.5333	1
Rv0965c	-	4	3	70.8	185.8	114.9	1.39	0.3788	1
Rv0966c	-	7	7	3545.7	3094.9	-450.8	-0.2	0.7917	1
Rv0967	-	1	1	1662.4	1168.3	-494.1	-0.51	0.6692	1
Rv0968	-	6	4	2640.3	6192.1	3551.8	1.23	0.8471	1
Rv0969	ctpV	13	10	2740.8	3663.8	922.9	0.42	0.8217	1
Rv0970	-	10	6	3051.2	4756.2	1705	0.64	0.4355	1
Rv0971c	echA7	4	3	4641.7	3820.3	-821.4	-0.28	0.9294	1
Rv0972c	fadE12	10	7	1909.6	2382.5	472.9	0.32	0.8327	1
Rv0973c	accA2	17	8	1649.8	458	-1191.8	-1.85	0.1048	1
Rv0974c	accD2	17	6	350.9	166.6	-184.3	-1.07	0.2615	1
Rv0975c	fadE13	18	13	10177.8	10591.5	413.7	0.06	0.9427	1
Rv0976c	-	15	10	5831.4	5860.5	29.1	0.01	0.9933	1
Rv0977	PE_PGRS16	20	16	12989.8	12360.5	-629.3	-0.07	0.8942	1
Rv0978c	PE_PGRS17	6	4	1876.6	1431	-445.7	-0.39	0.5109	1
Rv0979A	rpmF	1	0	0	0	0	0	1	1
Rv0979c	-	1	0	0	0	0	0	1	1
Rv0980c	PE_PGRS18	10	7	6736.8	6653.3	-83.5	-0.02	0.9795	1
Rv0981	mprA	6	6	1887.3	1308.6	-578.7	-0.53	0.461	1
Rv0982	mprB	18	0	0	0	0	0	1	1
Rv0983	pepD	12	8	561.5	1114.1	552.6	0.99	0.4162	1
Rv0984	moaB2	3	2	3758.9	2329.8	-1429.2	-0.69	0.6978	1
Rv0985c	mscL	6	5	6649	12427.5	5778.5	0.9	0.0691	1
Rv0986	-	15	4	30.6	16.8	-13.8	-0.87	0.6634	1
Rv0987	-	68	37	3945.7	4328.4	382.6	0.13	0.8411	1
Rv0988	-	30	15	1353.9	2097.9	744	0.63	0.4902	1
Rv0989c	grcC2	13	11	12131	6869.2	-5261.8	-0.82	0.1315	1
Rv0990c	-	7	4	2149.5	1148.4	-1001.1	-0.9	0.3717	1
Rv0991c	-	1	1	141.3	37.2	-104.1	-1.93	0.3349	1
Rv0992c	-	6	5	4587.9	3567.9	-1020	-0.36	0.6148	1
Rv0993	galU	10	0	0	0	0	0	1	1
Rv0994	moeA1	9	6	1695.1	3287.6	1592.6	0.96	0.641	1
Rv0995	rimJ	3	0	0	0	0	0	1	1
Rv0996	-	12	10	3978	1565.7	-2412.3	-1.35	0.0297	1
Rv0997	-	4	2	1769.4	2000.2	230.8	0.18	0.9393	1
Rv0998	-	10	4	675.7	10.8	-664.9	-5.97	0.0012	0.1842
Rv0999	-	5	5	1026.6	272.4	-754.2	-1.91	0.0191	0.9595

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1000c	-	6	6	23092.7	27240.7	4147.9	0.24	0.7755	1
Rv1001	arcA	13	10	5771.9	6188.8	416.9	0.1	0.8927	1
Rv1002c	-	17	1	26	10.8	-15.2	-1.27	1	1
Rv1003	-	4	2	205	4.8	-200.2	-5.42	0.4252	1
Rv1004c	-	8	6	10209.7	15217.3	5007.5	0.58	0.6468	1
Rv1005c	pabB	18	0	0	0	0	0	1	1
Rv1006	-	34	30	11337.5	13443.7	2106.2	0.25	0.6693	1
Rv1007c	metG	21	0	0	0	0	0	1	1
Rv1008	tatD	8	6	31643.8	28612.5	-3031.3	-0.15	0.8606	1
Rv1009	rpfB	6	3	508	1507.1	999.2	1.57	0.6619	1
Rv1010	ksgA	12	5	33.5	2.4	-31.1	-3.8	0.0119	0.8186
Rv1011	ispE	12	0	0	0	0	0	1	1
Rv1012	-	5	3	11203.1	21606.2	10403.1	0.95	0.5724	1
Rv1013	pks16	19	19	14452.7	5807.8	-8644.9	-1.32	0.0465	1
Rv1014c	pth	8	0	0	0	0	0	1	1
Rv1015c	rplY	6	0	0	0	0	0	1	1
Rv1016c	lpqT	5	4	14901.6	8772.1	-6129.5	-0.76	0.4316	1
Rv1017c	prsA	8	0	0	0	0	0	1	1
Rv1018c	glmU	17	0	0	0	0	0	1	1
Rv1019	-	7	7	60123.8	52213.9	-7909.9	-0.2	0.8292	1
Rv1020	mfd	23	19	7250.9	2291.4	-4959.5	-1.66	0.0134	0.8354
Rv1021	-	11	6	5990.9	6045.8	54.9	0.01	0.9926	1
Rv1022	lpqU	7	5	1287.1	360.2	-926.8	-1.84	0.1208	1
Rv1023	eno	11	0	0	0	0	0	1	1
Rv1024	-	7	0	0	0	0	0	1	1
Rv1025	-	5	0	0	0	0	0	1	1
Rv1026	-	6	2	42.5	89	46.5	1.07	0.7196	1
Rv1027c	kdpE	8	5	1075.9	1700	624.2	0.66	0.7776	1
Rv1028A	kdpF	3	2	7225.2	5917.4	-1307.8	-0.29	0.9396	1
Rv1028c	kdpD	17	12	9610.1	3726.4	-5883.7	-1.37	0.3693	1
Rv1029	kdpA	17	13	6977.1	4033.7	-2943.4	-0.79	0.1739	1
Rv1030	kdpB	9	8	7458.5	4710.8	-2747.8	-0.66	0.327	1
Rv1031	kdpC	8	7	1421.5	5195.5	3774	1.87	0.412	1
Rv1032c	trcS	17	14	4161.8	5434.7	1272.9	0.38	0.6189	1
Rv1033c	trcR	13	11	5613.4	8120.6	2507.2	0.53	0.4226	1
Rv1034c	-	2	0	0	0	0	0	1	1
Rv1035c	-	3	2	256.7	305.8	49.1	0.25	0.8904	1
Rv1036c	-	5	4	1118.9	2317.9	1199	1.05	0.6896	1
Rv1037c	esxI	3	3	3082.6	3993.3	910.7	0.37	0.6796	1
Rv1038c	esxJ	2	2	446.8	1278.9	832.1	1.52	0.291	1
Rv1039c	PPE15	16	14	13352.7	14264.8	912.1	0.1	0.8934	1
Rv1040c	PE8	8	8	3130.4	2028.4	-1102	-0.63	0.2996	1
Rv1041c	-	14	14	9027.4	8137.5	-889.9	-0.15	0.7417	1
Rv1042c	-	5	5	4143.2	6060.3	1917.1	0.55	0.4455	1
Rv1043c	-	12	10	21535.2	23527.5	1992.3	0.13	0.8774	1
Rv1044	-	8	0	0	0	0	0	1	1
Rv1045	-	9	7	6810.9	4374	-2436.9	-0.64	0.3087	1
Rv1046c	-	4	4	2247.8	2697.5	449.7	0.26	0.7767	1
Rv1047	-	13	11	17415	15447.2	-1967.9	-0.17	0.8497	1
Rv1048c	-	16	14	57377.8	52991.6	-4386.2	-0.11	0.8934	1
Rv1049	-	4	4	1171.2	579.2	-592	-1.02	0.2771	1
Rv1050	-	5	3	275.1	106.7	-168.4	-1.37	0.2166	1
Rv1051c	-	7	5	207.1	79.1	-128	-1.39	0.2233	1
Rv1052	-	4	3	2513.7	4368.2	1854.5	0.8	0.6469	1
Rv1053c	-	5	3	998.3	619.8	-378.5	-0.69	0.2955	1
Rv1054	-	4	3	2619.4	1390	-1229.3	-0.91	0.2693	1
Rv1055	-	3	2	288.3	80.6	-207.6	-1.84	0.5405	1
Rv1056	-	17	15	39804	42637.7	2833.7	0.1	0.879	1
Rv1057	-	11	11	11420.3	11939.2	518.9	0.06	0.9035	1
Rv1058	fadD14	23	16	11318	7032	-4286	-0.69	0.3805	1
Rv1059	-	9	8	619.7	1341.5	721.9	1.11	0.7188	1
Rv1060	-	4	1	52.6	0	-52.6	-4.72	0.3376	1
Rv1061	-	12	8	23385	18168.5	-5216.5	-0.36	0.738	1
Rv1062	-	4	3	131.5	404.9	273.5	1.62	0.3078	1
Rv1063c	-	13	9	4608.7	5420.2	811.5	0.23	0.7093	1
Rv1064c	lpqV	5	4	3108.9	2057	-1051.9	-0.6	0.6409	1
Rv1065	-	6	5	12902.2	7033.9	-5868.3	-0.88	0.477	1
Rv1066	-	3	2	1573.9	864.4	-709.4	-0.86	0.4101	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1067c	PE_PGRS19	12	5	894.4	620.5	-273.9	-0.53	0.706	1
Rv1068c	PE_PGRS20	8	4	902	513.5	-388.5	-0.81	0.5933	1
Rv1069c	-	16	14	29536.4	18526.6	-11009.8	-0.67	0.2591	1
Rv1070c	echA8	6	5	3401.9	3075.8	-326.1	-0.15	0.8818	1
Rv1071c	echA9	11	9	8494.5	8500.4	5.9	0	0.9983	1
Rv1072	-	10	9	996.6	461.7	-534.9	-1.11	0.1667	1
Rv1073	-	18	16	25476.1	23781.9	-1694.2	-0.1	0.8368	1
Rv1074c	fadA3	10	10	46051.3	43895.8	-2155.5	-0.07	0.9262	1
Rv1075c	-	14	11	6334.1	7308.4	974.3	0.21	0.7483	1
Rv1076	lipU	15	7	8637.7	8129.9	-507.7	-0.09	0.9276	1
Rv1077	cbs	20	17	34505	33671.9	-833.1	-0.04	0.9535	1
Rv1078	pra	14	9	3054.6	376.2	-2678.4	-3.02	0.077	1
Rv1079	metB	17	14	7025.4	6922.4	-103	-0.02	0.9834	1
Rv1080c	greA	7	0	0	0	0	0	1	1
Rv1081c	-	5	0	0	0	0	0	1	1
Rv1082	mca	12	9	6475.5	3411.3	-3064.2	-0.92	0.4295	1
Rv1083	-	3	2	213.6	140.2	-73.4	-0.61	0.6826	1
Rv1084	-	18	12	4147.4	3357.5	-789.9	-0.3	0.6152	1
Rv1085c	-	9	6	442.5	0	-442.5	-7.79	0.0017	0.2261
Rv1086	-	10	0	0	0	0	0	1	1
Rv1087	PE_PGRS21	17	16	4477.8	4828.8	350.9	0.11	0.8851	1
Rv1087A	-	6	6	4453.8	8908.1	4454.3	1	0.1155	1
Rv1088	PE9	4	2	3724	2286.1	-1437.9	-0.7	0.6915	1
Rv1089	PE10	4	2	1973.1	1380.5	-592.6	-0.52	0.5758	1
Rv1089A	celA2a	1	1	761	371.5	-389.5	-1.03	0.6659	1
Rv1090	celA2b	5	5	2517.2	2793.3	276.1	0.15	0.8314	1
Rv1091	PE_PGRS22	22	15	1741	2920.8	1179.9	0.75	0.473	1
Rv1092c	coaA	12	0	0	0	0	0	1	1
Rv1093	glyA	9	0	0	0	0	0	1	1
Rv1094	desA2	10	0	0	0	0	0	1	1
Rv1095	phoH2	11	9	3459.8	1643.9	-1815.9	-1.07	0.1319	1
Rv1096	-	15	10	1790.8	36	-1754.9	-5.64	0	0
Rv1097c	-	7	4	356	98.3	-257.7	-1.86	0.3758	1
Rv1098c	fumC	9	0	0	0	0	0	1	1
Rv1099c	glpX	10	4	27	75.5	48.5	1.48	0.4711	1
Rv1100	-	8	5	3192.9	3935.7	742.8	0.3	0.8948	1
Rv1101c	-	13	12	22201.6	11705.1	-10496.4	-0.92	0.1061	1
Rv1102c	-	5	3	1706.9	1186.4	-520.5	-0.52	0.524	1
Rv1103c	-	5	4	1714.6	1757.7	43.1	0.04	0.9592	1
Rv1104	-	9	8	16124.9	11862.8	-4262	-0.44	0.7002	1
Rv1105	-	9	7	8684.2	8050.6	-633.6	-0.11	0.9109	1
Rv1106c	-	17	16	22533.9	28331.3	5797.5	0.33	0.349	1
Rv1107c	xseB	2	2	1423	161.8	-1261.3	-3.14	0.0254	1
Rv1108c	xseA	7	6	1718.5	449.4	-1269.1	-1.94	0.0998	1
Rv1109c	-	5	4	2440.9	2362.9	-78.1	-0.05	0.974	1
Rv1110	ispH	9	0	0	0	0	0	1	1
Rv1111c	-	17	8	8011.1	10217.1	2206	0.35	0.7842	1
Rv1112	-	7	4	332.3	16.8	-315.5	-4.31	0.0954	1
Rv1113	-	1	0	0	0	0	0	1	1
Rv1114	-	2	2	875	1161.9	286.9	0.41	0.7664	1
Rv1115	-	10	7	7824.5	9593.1	1768.6	0.29	0.7845	1
Rv1116	-	2	2	1148.1	1324.5	176.5	0.21	0.7938	1
Rv1116A	-	5	5	3013.3	2163.6	-849.7	-0.48	0.5035	1
Rv1117	-	3	3	3109.4	2900	-209.4	-0.1	0.9052	1
Rv1118c	-	7	5	5491.7	3546	-1945.7	-0.63	0.228	1
Rv1119c	-	3	2	217.6	179.8	-37.8	-0.28	0.9143	1
Rv1120c	-	3	2	86.3	53.9	-32.3	-0.68	0.6502	1
Rv1121	zwf1	18	10	8205.7	4886.1	-3319.6	-0.75	0.2329	1
Rv1122	gnd2	11	0	0	0	0	0	1	1
Rv1123c	bpoB	6	6	3354.3	3719.3	365	0.15	0.8976	1
Rv1124	ephC	10	7	11453.7	8663.9	-2789.8	-0.4	0.6053	1
Rv1125	-	16	9	786.2	686.7	-99.5	-0.2	0.8688	1
Rv1126c	-	8	1	252.4	0	-252.4	-6.98	1	1
Rv1127c	ppdK	15	4	312.5	146.6	-165.9	-1.09	0.2815	1
Rv1128c	-	27	10	659.6	816.1	156.5	0.31	0.7467	1
Rv1129c	-	17	6	3747.2	3162.8	-584.4	-0.24	0.8207	1
Rv1130	-	19	15	7123.9	2940.7	-4183.2	-1.28	0.1675	1
Rv1131	gltA1	10	3	677.5	202.9	-474.6	-1.74	0.4182	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1132	-	20	12	9562	12325.7	2763.7	0.37	0.6297	1
Rv1133c	metE	22	0	0	0	0	0	1	1
Rv1134	-	2	1	398.5	1.2	-397.3	-8.38	0.3425	1
Rv1135A	-	6	6	3814	4390.1	576.1	0.2	0.7904	1
Rv1135c	PPE16	18	13	28669.9	22628.2	-6041.7	-0.34	0.7572	1
Rv1136	-	2	2	378.3	149	-229.3	-1.34	0.2437	1
Rv1137c	-	2	2	502	438.1	-63.9	-0.2	0.9138	1
Rv1138c	-	12	8	7989.9	5848.3	-2141.6	-0.45	0.6838	1
Rv1139c	-	8	5	484.1	653.7	169.6	0.43	0.5614	1
Rv1140	-	9	7	793.2	474.4	-318.8	-0.74	0.3545	1
Rv1141c	echA11	12	10	25147.7	25496.1	348.4	0.02	0.9766	1
Rv1142c	echA10	7	6	8016.5	4755	-3261.5	-0.75	0.4697	1
Rv1143	mcr	14	14	16554.3	12862.2	-3692.2	-0.36	0.6069	1
Rv1144	-	7	7	2498.7	5401	2902.3	1.11	0.2122	1
Rv1145	mmpL13a	7	6	2188.3	1813.9	-374.4	-0.27	0.7219	1
Rv1146	mmpL13b	20	17	15870.8	22524.1	6653.3	0.51	0.4524	1
Rv1147	-	7	5	2456.1	2423.3	-32.9	-0.02	0.9803	1
Rv1148c	-	18	15	5027.2	6392.3	1365.1	0.35	0.5251	1
Rv1149	-	5	5	4244.3	5418.4	1174.1	0.35	0.5664	1
Rv1151c	-	7	5	18344.4	17827.7	-516.7	-0.04	0.984	1
Rv1152	-	4	2	2411.6	1404.5	-1007.1	-0.78	0.5108	1
Rv1153c	omt	16	12	8539.8	10195.1	1655.3	0.26	0.6499	1
Rv1154c	-	12	11	11043.5	24742.6	13699.1	1.16	0.2485	1
Rv1155	-	7	7	21777.5	24332.4	2554.9	0.16	0.8344	1
Rv1156	-	9	8	1018.6	583.1	-435.5	-0.8	0.2449	1
Rv1157c	-	6	4	409.3	145	-264.2	-1.5	0.2218	1
Rv1158c	-	8	4	60.5	68.7	8.1	0.18	0.9449	1
Rv1159	pimE	23	2	0	3.6	3.6	0.85	0.4237	1
Rv1159A	phhB	11	7	6846	5683.5	-1162.5	-0.27	0.7613	1
Rv1160	mutT2	3	2	2302.3	2510.4	208.1	0.12	0.709	1
Rv1161	narG	52	36	26381	31596.4	5215.4	0.26	0.7003	1
Rv1162	narH	26	23	25241.6	25354	112.4	0.01	0.9874	1
Rv1163	narJ	11	7	6600	5245.7	-1354.3	-0.33	0.5977	1
Rv1164	narI	14	11	8748.2	7233	-1515.1	-0.27	0.8324	1
Rv1165	typA	12	10	5092.3	6558.8	1466.6	0.37	0.6549	1
Rv1166	lpqW	19	1	1.8	0	-1.8	0.13	1	1
Rv1167c	-	6	5	548.7	3431	2882.4	2.64	0.974	1
Rv1168c	PPE17	11	10	4816.5	7250.9	2434.4	0.59	0.4483	1
Rv1169c	PE11	3	3	1039.8	791.7	-248.2	-0.39	0.7236	1
Rv1170	mshB	10	0	0	0	0	0	1	1
Rv1171	-	5	5	4211.9	2700.7	-1511.2	-0.64	0.6235	1
Rv1172c	PE12	12	9	7526.5	6771.4	-755.1	-0.15	0.8469	1
Rv1173	fbiC	32	16	287.6	608.7	321.1	1.08	0.1648	1
Rv1174c	TB8.4	6	6	30861	23492.7	-7368.3	-0.39	0.526	1
Rv1175c	fadH	17	14	7745	5462.5	-2282.6	-0.5	0.504	1
Rv1176c	-	11	10	9054.2	9418.2	364	0.06	0.9412	1
Rv1177	fdxC	6	0	0	0	0	0	1	1
Rv1178	-	16	9	892.9	605.2	-287.7	-0.56	0.4285	1
Rv1179c	-	32	25	19005.3	17668.1	-1337.2	-0.11	0.8603	1
Rv1180	pks3	17	10	400.6	532	131.4	0.41	0.6495	1
Rv1181	pks4	51	30	6480.7	6030.9	-449.9	-0.1	0.8305	1
Rv1182	papA3	30	18	3234.3	6179	2944.7	0.93	0.2437	1
Rv1183	mmpL10	43	24	8835.3	17142.8	8307.5	0.96	0.4982	1
Rv1184c	-	16	14	26473.2	18095.1	-8378.1	-0.55	0.3338	1
Rv1185c	fadD21	25	17	3600.7	2821.9	-778.7	-0.35	0.4787	1
Rv1186c	-	17	11	9864.8	9789.4	-75.4	-0.01	0.9908	1
Rv1187	rocA	18	5	352	57.5	-294.5	-2.61	0.0833	1
Rv1188	-	16	4	281.8	182.5	-99.3	-0.63	0.3841	1
Rv1189	sigI	4	4	1371.9	823.5	-548.3	-0.74	0.4364	1
Rv1190	-	9	5	2213.4	768	-1445.4	-1.53	0.2896	1
Rv1191	-	7	6	4433	2515.8	-1917.2	-0.82	0.3487	1
Rv1192	-	11	8	3250.4	1704.9	-1545.5	-0.93	0.0465	1
Rv1193	fadD36	13	6	3109.1	1233	-1876.1	-1.33	0.2931	1
Rv1194c	-	15	8	16853.1	11752.6	-5100.4	-0.52	0.6099	1
Rv1195	PE13	4	4	16900.6	12388.6	-4512.1	-0.45	0.7136	1
Rv1196	PPE18	7	6	3844.3	2836.6	-1007.6	-0.44	0.452	1
Rv1197	esxK	1	1	205.9	129.8	-76.1	-0.67	0.3364	1
Rv1198	esxL	3	3	3296.2	4175.2	879	0.34	0.8021	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1199c	-	13	12	20051.8	18832.2	-1219.7	-0.09	0.9154	1
Rv1200	-	18	16	53405.5	34855.8	-18549.7	-0.62	0.6378	1
Rv1201c	-	10	0	0	0	0	0	1	1
Rv1202	dapE	12	0	0	0	0	0	1	1
Rv1203c	-	5	3	787.8	210.9	-576.9	-1.9	0.2547	1
Rv1204c	-	15	13	10551.5	10560.9	9.4	0	0.9978	1
Rv1205	-	9	9	1624.7	741	-883.8	-1.13	0.0676	1
Rv1206	fadD6	24	17	7597.6	3749.1	-3848.5	-1.02	0.0956	1
Rv1207	folP2	10	8	4946.4	1403.1	-3543.4	-1.82	0.0235	1
Rv1208	-	9	0	0	0	0	0	1	1
Rv1209	-	3	3	4845.3	5013.6	168.4	0.05	0.9288	1
Rv1210	tagA	9	8	18963.5	6179.4	-12784.1	-1.62	0.0046	0.4688
Rv1211	-	2	0	0	0	0	0	1	1
Rv1212c	-	22	19	18797.3	12086.9	-6710.4	-0.64	0.3552	1
Rv1213	glgC	26	23	55607.7	41391.6	-14216.1	-0.43	0.3768	1
Rv1214c	PE14	5	5	1404.3	637.8	-766.6	-1.14	0.2215	1
Rv1215c	-	17	13	9918.8	12566.6	2647.9	0.34	0.7285	1
Rv1216c	-	12	11	3397	2713.9	-683.1	-0.32	0.7291	1
Rv1217c	-	12	4	476.2	2241	1764.8	2.23	0.6322	1
Rv1218c	-	5	5	1235.5	660	-575.5	-0.9	0.3004	1
Rv1219c	-	10	9	882.4	576.4	-306	-0.61	0.5357	1
Rv1220c	-	8	6	1990.2	2676.7	686.5	0.43	0.9566	1
Rv1221	sigE	11	2	460.9	293.6	-167.2	-0.65	0.6574	1
Rv1222	-	2	1	2823.2	1748.8	-1074.4	-0.69	0.6616	1
Rv1223	htrA	13	0	0	0	0	0	1	1
Rv1224	tatB	4	1	1.8	0	-1.8	0.13	1	1
Rv1225c	-	5	5	18999.3	17349.4	-1649.9	-0.13	0.8743	1
Rv1226c	-	10	8	21366.4	23659.7	2293.3	0.15	0.8959	1
Rv1227c	-	6	5	1622.5	885.1	-737.4	-0.87	0.4339	1
Rv1228	lpqX	7	7	6636	6851.7	215.6	0.05	0.9366	1
Rv1229c	mrp	11	0	0	0	0	0	1	1
Rv1230c	-	15	14	10687.6	7089.4	-3598.2	-0.59	0.4406	1
Rv1231c	-	6	4	2235.3	923.5	-1311.8	-1.28	0.086	1
Rv1232c	-	6	5	3718.2	1404.4	-2313.8	-1.4	0.1354	1
Rv1233c	-	18	13	6196.3	6250.2	53.9	0.01	0.9874	1
Rv1234	-	6	5	877.1	2188.7	1311.6	1.32	0.2477	1
Rv1235	lpqY	23	12	3727.4	1485.2	-2242.3	-1.33	0.1366	1
Rv1236	sugA	17	15	4300.6	1885.3	-2415.4	-1.19	0.0257	1
Rv1237	sugB	9	1	0	7.2	7.2	1.85	1	1
Rv1238	sugC	17	10	69675.5	46797.3	-22878.2	-0.57	0.6846	1
Rv1239c	corA	20	14	1164.7	716.6	-448	-0.7	0.3991	1
Rv1240	mdh	2	0	0	0	0	0	1	1
Rv1241	-	1	1	37.5	164.2	126.7	2.13	1	1
Rv1242	-	8	7	2980	4499.8	1519.9	0.59	0.5075	1
Rv1243c	PE_PGRS23	12	10	1768.2	2144.1	375.9	0.28	0.7705	1
Rv1244	lpqZ	7	7	13931.3	911.2	-13020	-3.93	0.0352	1
Rv1245c	-	12	10	2027.1	1297.5	-729.7	-0.64	0.3005	1
Rv1246c	-	6	6	2336.4	2096	-240.4	-0.16	0.8583	1
Rv1247c	-	3	2	77.3	12	-65.3	-2.69	0.057	1
Rv1248c	kgd	35	0	0	0	0	0	1	1
Rv1249c	-	10	9	16088.9	16502.1	413.2	0.04	0.9735	1
Rv1250	-	23	18	11345.9	12126.1	780.2	0.1	0.9004	1
Rv1251c	-	43	29	14425.7	12128.2	-2297.6	-0.25	0.6521	1
Rv1252c	lprE	6	6	10456.4	12231	1774.6	0.23	0.8295	1
Rv1253	deaD	26	16	9076	8984.8	-91.2	-0.01	0.9907	1
Rv1254	-	22	0	0	0	0	0	1	1
Rv1255c	-	5	5	2272.6	1062.2	-1210.3	-1.1	0.0692	1
Rv1256c	cyp130	8	6	14305.8	19883.1	5577.3	0.47	0.6774	1
Rv1257c	-	13	9	9017.8	8669.9	-347.9	-0.06	0.9193	1
Rv1258c	-	19	16	17576.3	26062.6	8486.3	0.57	0.482	1
Rv1259	-	5	4	642.7	945.9	303.2	0.56	0.7904	1
Rv1260	-	21	10	629	2233.4	1604.4	1.83	0.3665	1
Rv1261c	-	7	4	1982.6	1351.9	-630.8	-0.55	0.5019	1
Rv1262c	-	2	2	389.5	1043.3	653.8	1.42	0.2961	1
Rv1263	amiB2	18	14	7087.4	4978.1	-2109.3	-0.51	0.3727	1
Rv1264	-	13	10	8325.2	4767.1	-3558.1	-0.8	0.2271	1
Rv1265	-	11	4	1910.4	668.7	-1241.7	-1.51	0.023	1
Rv1266c	pknH	25	24	15888	14343.4	-1544.5	-0.15	0.7178	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1267c	embR	12	7	6911.2	4072.6	-2838.6	-0.76	0.1956	1
Rv1268c	-	9	5	3301.2	3865.5	564.3	0.23	0.8312	1
Rv1269c	-	7	7	3045.5	2101.7	-943.7	-0.54	0.3596	1
Rv1270c	lprA	8	7	1805.2	225.3	-1579.9	-3	0.0002	0.0665
Rv1271c	-	4	4	540.4	1667.1	1126.7	1.63	0.9303	1
Rv1272c	-	27	19	13815.3	11350	-2465.2	-0.28	0.5132	1
Rv1273c	-	25	17	20042.1	15951.5	-4090.6	-0.33	0.6469	1
Rv1274	lprB	3	0	0	0	0	0	1	1
Rv1275	lprC	5	0	0	0	0	0	1	1
Rv1276c	-	4	1	1.8	151.7	149.9	6.37	0.3365	1
Rv1277	-	14	11	2726.9	1658	-1068.8	-0.72	0.2161	1
Rv1278	-	19	8	2103.2	1904.4	-198.8	-0.14	0.923	1
Rv1279	-	23	17	9263.4	9540	276.6	0.04	0.9353	1
Rv1280c	oppA	20	16	16403	9531.7	-6871.3	-0.78	0.3355	1
Rv1281c	oppD	20	6	744.8	1058.8	314	0.51	0.9195	1
Rv1282c	oppC	10	4	3218.8	9861.7	6642.9	1.62	0.6966	1
Rv1283c	oppB	14	7	4186.6	1019.2	-3167.3	-2.04	0.0967	1
Rv1284	-	4	2	379.6	77.9	-301.7	-2.28	0.2649	1
Rv1285	cysD	8	0	0	0	0	0	1	1
Rv1286	cysN	24	2	10.1	46.7	36.6	2.2	1	1
Rv1287	-	9	7	3089	1873.8	-1215.2	-0.72	0.4217	1
Rv1288	-	29	28	41905.7	59999.1	18093.4	0.52	0.152	1
Rv1289	-	10	8	10106.4	10875.3	768.9	0.11	0.8306	1
Rv1290A	-	6	4	919.2	1003.1	84	0.13	0.8633	1
Rv1290c	-	24	23	40874.9	36094.2	-4780.7	-0.18	0.6978	1
Rv1291c	-	1	1	1	279.2	278.2	8.13	1	1
Rv1292	argS	28	0	0	0	0	0	1	1
Rv1293	lysA	17	0	0	0	0	0	1	1
Rv1294	thrA	18	0	0	0	0	0	1	1
Rv1295	thrC	14	0	0	0	0	0	1	1
Rv1296	thrB	11	0	0	0	0	0	1	1
Rv1297	rho	14	0	0	0	0	0	1	1
Rv1298	rpmE	6	0	0	0	0	0	1	1
Rv1299	prfA	10	1	1	0	-1	1	1	1
Rv1300	hemK	13	0	0	0	0	0	1	1
Rv1301	-	9	0	0	0	0	0	1	1
Rv1302	rfe	13	0	0	0	0	0	1	1
Rv1303	-	3	0	0	0	0	0	1	1
Rv1304	atpB	8	2	4	0	-4	-1	0.417	1
Rv1305	atpE	4	0	0	0	0	0	1	1
Rv1306	atpF	3	0	0	0	0	0	1	1
Rv1307	atpH	12	0	0	0	0	0	1	1
Rv1308	atpA	20	0	0	0	0	0	1	1
Rv1309	atpG	16	0	0	0	0	0	1	1
Rv1310	atpD	13	0	0	0	0	0	1	1
Rv1311	atpC	1	0	0	0	0	0	1	1
Rv1312	-	8	0	0	0	0	0	1	1
Rv1313c	-	14	12	11817.9	18335	6517.1	0.63	0.7691	1
Rv1314c	-	10	6	2772.2	2887.9	115.7	0.06	0.9264	1
Rv1315	murA	12	0	0	0	0	0	1	1
Rv1316c	ogt	5	4	1557.1	1671	113.8	0.1	0.9174	1
Rv1317c	alkA	8	7	4373.5	6646.4	2273	0.6	0.7556	1
Rv1318c	-	9	8	8458.1	5302.4	-3155.6	-0.67	0.2897	1
Rv1319c	-	20	19	13753.8	10953.6	-2800.2	-0.33	0.415	1
Rv1320c	-	20	15	13502.4	16691.8	3189.3	0.31	0.6321	1
Rv1321	-	8	7	6763.2	8133.7	1370.5	0.27	0.9177	1
Rv1322	-	5	4	5544.7	3546.6	-1998.1	-0.64	0.4415	1
Rv1322A	-	3	3	950.1	254.1	-696.1	-1.9	0.0664	1
Rv1323	fadA4	10	9	23221.9	23903.3	681.4	0.04	0.9567	1
Rv1324	-	5	2	58.5	6	-52.5	-3.29	0.7111	1
Rv1325c	PE_PGRS24	5	2	63.6	43.1	-20.5	-0.56	0.4444	1
Rv1326c	glgB	34	0	0	0	0	0	1	1
Rv1327c	glgE	32	0	0	0	0	0	1	1
Rv1328	glgP	31	23	3668.8	774.7	-2894	-2.24	0.0034	0.3876
Rv1329c	dinG	19	13	9537.1	12083.9	2546.8	0.34	0.8414	1
Rv1330c	-	21	16	12708.8	13689.4	980.6	0.11	0.8529	1
Rv1331	clpS	5	5	2934.2	1773.7	-1160.6	-0.73	0.3949	1
Rv1332	-	5	5	1190.6	329.9	-860.6	-1.85	0.0917	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1333	-	8	8	12513	7846.9	-4666	-0.67	0.5773	1
Rv1334	-	8	8	16909.7	6386.5	-10523.2	-1.4	0.107	1
Rv1335	-	4	4	23912.6	12118.3	-11794.3	-0.98	0.2044	1
Rv1336	cysM	13	13	29758.2	12923.5	-16834.7	-1.2	0.0115	0.812
Rv1337	-	9	9	17979.4	7103.7	-10875.7	-1.34	0.0063	0.5713
Rv1338	murI	12	0	0	0	0	0	1	1
Rv1339	-	14	0	0	0	0	0	1	1
Rv1340	rph	11	0	0	0	0	0	1	1
Rv1341	-	3	3	1275.4	2566.5	1291.1	1.01	0.4789	1
Rv1342c	-	5	0	0	0	0	0	1	1
Rv1343c	lprD	11	0	0	0	0	0	1	1
Rv1344	-	8	8	20998.9	10615.6	-10383.3	-0.98	0.1302	1
Rv1345	fadD33	22	19	14133.3	11452.1	-2681.2	-0.3	0.4642	1
Rv1346	fadE14	12	9	50981.3	42292.5	-8688.8	-0.27	0.74	1
Rv1347c	-	10	5	140	414.5	274.5	1.57	0.4525	1
Rv1348	-	29	3	102.3	82.7	-19.6	-0.31	0.7622	1
Rv1349	-	15	2	10.5	1.2	-9.3	-3.13	0.2591	1
Rv1350	fabG	9	5	832.8	1123.8	291	0.43	0.7384	1
Rv1351	-	6	4	302.7	214.5	-88.2	-0.5	0.5847	1
Rv1352	-	4	4	425.5	557.3	131.9	0.39	0.8575	1
Rv1353c	-	10	5	582	375.3	-206.7	-0.63	0.5017	1
Rv1354c	-	31	15	3389.4	3091.1	-298.2	-0.13	0.7974	1
Rv1355c	moeY	30	10	459.1	798	338.9	0.8	0.3886	1
Rv1356c	-	23	14	7500.6	6959.8	-540.8	-0.11	0.9033	1
Rv1357c	-	8	8	13818.8	6030.3	-7788.6	-1.2	0.5189	1
Rv1358	-	59	47	31289	34328.9	3040	0.13	0.7752	1
Rv1359	-	14	11	2851.4	2896.1	44.8	0.02	0.973	1
Rv1360	-	11	10	6159.3	6988	828.7	0.18	0.7874	1
Rv1361c	PPE19	8	5	1595.3	1724.3	129	0.11	0.8874	1
Rv1362c	-	12	11	13350.6	15918.5	2567.9	0.25	0.7755	1
Rv1363c	-	6	6	2763.9	3313.3	549.4	0.26	0.7281	1
Rv1364c	-	24	23	51704.2	63568.6	11864.4	0.3	0.8143	1
Rv1365c	rsfA	4	3	1748.2	517.7	-1230.5	-1.76	0.168	1
Rv1366	-	15	13	7037.2	13532.3	6495.1	0.94	0.2414	1
Rv1367c	-	13	11	11088.4	15246.8	4158.4	0.46	0.4117	1
Rv1368	lprF	6	6	13765.4	11916.2	-1849.1	-0.21	0.7027	1
Rv1369c	-	17	17	13415.9	14040.3	624.4	0.07	0.912	1
Rv1370c	-	3	3	2543.1	1768.4	-774.7	-0.52	0.7197	1
Rv1371	-	27	12	2273.6	1126.6	-1147	-1.01	0.3796	1
Rv1372	-	15	6	1953.5	1626.2	-327.3	-0.26	0.8151	1
Rv1373	-	14	13	6665.3	7283.7	618.4	0.13	0.7879	1
Rv1374c	-	11	11	35197.5	44796.7	9599.2	0.35	0.7477	1
Rv1375	-	18	16	14683.9	14177	-506.9	-0.05	0.9107	1
Rv1376	-	13	11	7483.6	4445.1	-3038.5	-0.75	0.3358	1
Rv1377c	-	10	8	1255.6	737.4	-518.2	-0.77	0.3769	1
Rv1378c	-	16	12	8828.7	8268.6	-560.1	-0.09	0.8634	1
Rv1379	pyrR	6	0	0	0	0	0	1	1
Rv1380	pyrB	12	0	0	0	0	0	1	1
Rv1381	pyrC	8	0	0	0	0	0	1	1
Rv1382	-	5	0	0	0	0	0	1	1
Rv1383	carA	9	0	0	0	0	0	1	1
Rv1384	carB	38	1	34.7	0	-34.7	-4.12	1	1
Rv1385	pyrF	5	0	0	0	0	0	1	1
Rv1386	PE15	2	1	4554.9	8851.5	4296.6	0.96	1	1
Rv1387	PPE20	23	22	43624.4	34048	-9576.4	-0.36	0.5677	1
Rv1388	mihF	5	2	20.6	43.1	22.5	1.06	1	1
Rv1389	gmk	4	0	0	0	0	0	1	1
Rv1390	rpoZ	6	0	0	0	0	0	1	1
Rv1391	dfp	10	0	0	0	0	0	1	1
Rv1392	metK	12	0	0	0	0	0	1	1
Rv1393c	-	16	15	17876.4	19959.5	2083	0.16	0.742	1
Rv1394c	cyp132	13	12	10925.1	14868.3	3943.3	0.44	0.5785	1
Rv1395	-	11	5	3858.7	2986.4	-872.3	-0.37	0.6163	1
Rv1396c	PE_PGRS25	9	7	1206.4	1026	-180.4	-0.23	0.8549	1
Rv1397c	-	6	4	1865.7	2190.6	324.9	0.23	0.8109	1
Rv1398c	-	2	2	1889.4	802.8	-1086.6	-1.23	0.2343	1
Rv1399c	lipH	11	7	16006.9	19814.9	3808	0.31	0.8224	1
Rv1400c	lipI	12	7	1023.9	917.4	-106.6	-0.16	0.8912	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1401	-	3	2	12.7	14.4	1.7	0.18	1	1
Rv1402	priA	22	0	0	0	0	0	1	1
Rv1403c	-	10	8	6331.3	4772.2	-1559.1	-0.41	0.7621	1
Rv1404	-	5	2	158.2	3.6	-154.7	-5.46	0.0267	1
Rv1405c	-	9	8	13752.7	15450.5	1697.8	0.17	0.8423	1
Rv1406	fmt	9	0	0	0	0	0	1	1
Rv1407	fmu	15	12	9868.8	6794	-3074.9	-0.54	0.396	1
Rv1408	rpe	9	0	0	0	0	0	1	1
Rv1409	ribG	9	0	0	0	0	0	1	1
Rv1410c	-	22	11	14445.8	9538.1	-4907.7	-0.6	0.6175	1
Rv1411c	lprG	7	3	100.3	27.6	-72.8	-1.86	0.5017	1
Rv1412	ribC	4	0	0	0	0	0	1	1
Rv1413	-	4	4	15460.3	18867.9	3407.6	0.29	0.7725	1
Rv1414	-	2	2	1803.4	441.4	-1362	-2.03	0.2255	1
Rv1415	ribA2	11	0	0	0	0	0	1	1
Rv1416	ribH	3	0	0	0	0	0	1	1
Rv1417	-	6	3	612.9	408.9	-204	-0.58	0.5335	1
Rv1418	lprH	11	9	4578.8	5020.4	441.5	0.13	0.8474	1
Rv1419	-	3	1	478.8	2903	2424.2	2.6	1	1
Rv1420	uvrC	19	4	1353.1	198.4	-1154.6	-2.77	0.0631	1
Rv1421	-	13	9	1799.2	572.2	-1227	-1.65	0.0062	0.5713
Rv1422	-	7	5	8671	3765.1	-4905.9	-1.2	0.3454	1
Rv1423	whiA	6	0	0	0	0	0	1	1
Rv1424c	-	13	6	3148.9	2017.2	-1131.6	-0.64	0.5352	1
Rv1425	-	12	8	2834.9	2654.7	-180.2	-0.09	0.8738	1
Rv1426c	lipO	20	10	2508.4	1410.3	-1098.1	-0.83	0.5352	1
Rv1427c	fadD12	15	9	1014.1	488.1	-526	-1.05	0.2246	1
Rv1428c	-	12	9	4585.1	3738.1	-847	-0.29	0.581	1
Rv1429	-	14	11	13037.2	7697.7	-5339.5	-0.76	0.1026	1
Rv1430	PE16	31	25	7559.7	6696.3	-863.4	-0.17	0.9142	1
Rv1431	-	22	16	4656.2	4162.6	-493.6	-0.16	0.8199	1
Rv1432	-	11	2	140.1	7.2	-132.9	-4.28	0.2649	1
Rv1433	-	12	9	6199.7	2389.2	-3810.5	-1.38	0.0997	1
Rv1434	-	1	1	118.7	198.9	80.3	0.75	1	1
Rv1435c	-	11	3	11181.9	7175.2	-4006.7	-0.64	0.626	1
Rv1436	gap	9	0	0	0	0	0	1	1
Rv1437	pgk	10	0	0	0	0	0	1	1
Rv1438	tpiA	13	0	0	0	0	0	1	1
Rv1439c	-	6	6	4295.4	7415	3119.6	0.79	0.8913	1
Rv1440	secG	4	1	1.8	0	-1.8	0.13	1	1
Rv1441c	PE_PGRS26	12	6	260.8	714.2	453.4	1.45	0.3084	1
Rv1442	bisC	32	25	30222.4	19828.5	-10393.9	-0.61	0.2024	1
Rv1443c	-	1	1	253.2	34.8	-218.4	-2.86	0.341	1
Rv1444c	-	3	2	407.5	113.8	-293.7	-1.84	0.1403	1
Rv1445c	devB	6	0	0	0	0	0	1	1
Rv1446c	opcA	12	4	1658.5	4997.7	3339.2	1.59	0.7118	1
Rv1447c	zwf2	13	11	2826.5	2552.6	-273.8	-0.15	0.8458	1
Rv1448c	tal	10	4	849.3	101.9	-747.4	-3.06	0.0324	1
Rv1449c	tkt	17	0	0	0	0	0	1	1
Rv1450c	PE_PGRS27	23	10	191.8	163.3	-28.5	-0.23	0.8055	1
Rv1451	ctaB	12	1	1	0	-1	1	1	1
Rv1452c	PE_PGRS28	12	7	3238.2	3009.6	-228.7	-0.11	0.9006	1
Rv1453	-	9	9	8304.5	8296.7	-7.8	0	0.9981	1
Rv1454c	qor	12	8	30010.4	28686.2	-1324.2	-0.07	0.9263	1
Rv1455	-	11	9	14970.2	18945.2	3975	0.34	0.8427	1
Rv1456c	-	12	0	0	0	0	0	1	1
Rv1457c	-	7	0	0	0	0	0	1	1
Rv1458c	-	9	0	0	0	0	0	1	1
Rv1459c	-	23	2	2035.5	1698.3	-337.2	-0.26	0.5499	1
Rv1460	-	6	1	0	6	6	1.58	1	1
Rv1461	-	50	0	0	0	0	0	1	1
Rv1462	-	11	0	0	0	0	0	1	1
Rv1463	-	7	1	1.8	0	-1.8	0.13	1	1
Rv1464	csd	13	0	0	0	0	0	1	1
Rv1465	-	6	0	0	0	0	0	1	1
Rv1466	-	1	0	0	0	0	0	1	1
Rv1467c	fadE15	23	19	11389.1	20752.7	9363.7	0.87	0.6116	1
Rv1468c	PE_PGRS29	7	3	216.4	148.6	-67.8	-0.54	0.6678	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1469	ctpD	16	14	2909.2	3948.4	1039.3	0.44	0.6467	1
Rv1470	trxA	3	3	1536.1	1716.5	180.4	0.16	0.9384	1
Rv1471	trxB1	1	1	47.6	0	-47.6	-4.57	1	1
Rv1472	echA12	13	12	15559.2	16831.8	1272.6	0.11	0.9113	1
Rv1473	-	21	18	7855.2	7913.2	57.9	0.01	0.9851	1
Rv1473A	-	4	4	2598.5	1079.5	-1519	-1.27	0.1531	1
Rv1474c	-	6	3	575.1	763.2	188.1	0.41	0.6863	1
Rv1475c	acn	40	0	0	0	0	0	1	1
Rv1476	-	5	0	0	0	0	0	1	1
Rv1477	-	15	1	3.8	0	-3.8	-0.94	0.3376	1
Rv1478	-	6	5	9573.9	14182.2	4608.3	0.57	0.6605	1
Rv1479	moxR1	11	0	0	0	0	0	1	1
Rv1480	-	2	0	0	0	0	0	1	1
Rv1481	-	8	0	0	0	0	0	1	1
Rv1482c	-	8	5	701	709.7	8.7	0.02	0.9876	1
Rv1483	fabG1	9	0	0	0	0	0	1	1
Rv1484	inhA	7	0	0	0	0	0	1	1
Rv1485	hemH	20	2	2.8	0	-2.8	-0.5	0.4278	1
Rv1486c	-	5	5	2708.7	4827.6	2118.9	0.83	0.4059	1
Rv1487	-	3	3	1709.3	2953.1	1243.8	0.79	0.8654	1
Rv1488	-	12	12	17469.3	15193.6	-2275.7	-0.2	0.6163	1
Rv1489	-	6	6	12591.2	10303.1	-2288.1	-0.29	0.6593	1
Rv1489A	-	4	4	4763.9	5018.2	254.3	0.08	0.9059	1
Rv1490	-	35	22	2027	3986.2	1959.2	0.98	0.0945	1
Rv1491c	-	11	9	12284.9	4697.4	-7587.6	-1.39	0.013	0.8354
Rv1492	mutA	11	9	5052.1	5775.2	723.2	0.19	0.7997	1
Rv1493	mutB	27	18	12092.2	12351.2	259	0.03	0.9517	1
Rv1494	-	8	4	852.8	852.3	-0.5	0	0.9993	1
Rv1495	-	5	4	3297.9	2848.3	-449.5	-0.21	0.8186	1
Rv1496	-	3	3	5224.6	12846.9	7622.3	1.3	0.5503	1
Rv1497	lipL	13	10	10145.2	8916.9	-1228.3	-0.19	0.7786	1
Rv1498A	-	2	2	2467.6	2319.9	-147.7	-0.09	0.8353	1
Rv1498c	-	13	10	8223.2	7840.3	-382.8	-0.07	0.9032	1
Rv1499	-	4	3	1761.6	609	-1152.6	-1.53	0.086	1
Rv1500	-	24	12	1750	3398.3	1648.3	0.96	0.4247	1
Rv1501	-	24	11	2305.1	2189.2	-115.9	-0.07	0.9475	1
Rv1502	-	27	11	3086.9	2069.6	-1017.4	-0.58	0.4397	1
Rv1503c	-	15	14	16899.2	16008.1	-891	-0.08	0.8793	1
Rv1504c	-	9	9	8069.9	8149.7	79.8	0.01	0.9749	1
Rv1505c	-	21	12	7293.6	8695.2	1401.6	0.25	0.8716	1
Rv1506c	-	14	9	1427.6	3209.5	1781.9	1.17	0.5718	1
Rv1507A	-	13	4	376	496	120	0.4	0.703	1
Rv1507c	-	21	9	912.3	442.4	-469.8	-1.04	0.2541	1
Rv1508A	-	10	8	30267.6	34723.6	4456	0.2	0.8478	1
Rv1508c	-	37	34	39372.7	45009.1	5636.4	0.19	0.5324	1
Rv1509	-	12	8	1375.4	1688.9	313.5	0.3	0.7535	1
Rv1510	-	19	18	17380.4	16130	-1250.3	-0.11	0.8196	1
Rv1511	gmdA	18	16	23718.7	24300.4	581.7	0.03	0.9408	1
Rv1512	epiA	7	0	0	0	0	0	1	1
Rv1513	-	5	0	0	0	0	0	1	1
Rv1514c	-	14	9	865.3	1386.1	520.9	0.68	0.3884	1
Rv1515c	-	13	9	4122.7	1932.6	-2190.1	-1.09	0.3171	1
Rv1516c	-	8	5	1246.8	232.5	-1014.3	-2.42	0.0127	0.8354
Rv1517	-	8	4	1445.5	1731.1	285.6	0.26	0.7888	1
Rv1518	-	10	8	1143	649.3	-493.7	-0.82	0.3297	1
Rv1519	-	2	2	982.8	889.2	-93.6	-0.14	0.9104	1
Rv1520	-	16	15	13493.3	9942	-3551.3	-0.44	0.2284	1
Rv1521	fadD25	32	27	20307.1	19501.1	-806	-0.06	0.8935	1
Rv1522c	mmpL12	43	32	26517.6	30247.4	3729.8	0.19	0.7141	1
Rv1523	-	14	12	10753.6	10073.9	-679.7	-0.09	0.8691	1
Rv1524	-	9	7	3188.8	4510.4	1321.5	0.5	0.8232	1
Rv1525	wbbL2	16	10	1367.3	3179.7	1812.4	1.22	0.1992	1
Rv1526c	-	16	11	14564.2	11245.9	-3318.3	-0.37	0.7039	1
Rv1527c	pks5	65	50	29222.9	29843.2	620.3	0.03	0.9145	1
Rv1528c	papA4	6	6	1493.9	2392.7	898.8	0.68	0.6698	1
Rv1529	fadD24	29	23	9260.9	13761.2	4500.3	0.57	0.6546	1
Rv1530	adh	18	11	2092.2	4222.5	2130.2	1.01	0.6606	1
Rv1531	-	6	4	465.6	495.3	29.7	0.09	0.9086	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1532c	-	4	3	94.1	119.8	25.7	0.35	0.9667	1
Rv1533	-	9	5	1954.4	2448.9	494.4	0.33	0.8885	1
Rv1534	-	12	7	5014.8	2672.1	-2342.7	-0.91	0.2908	1
Rv1535	-	3	3	2595.6	3267	671.4	0.33	0.807	1
Rv1536	ileS	65	1	0	1.2	1.2	-0.74	1	1
Rv1537	dinX	12	9	4398.9	5734.9	1336	0.38	0.6223	1
Rv1538c	ansA	11	8	3215.3	2992.2	-223.1	-0.1	0.8775	1
Rv1539	lspA	6	1	25.1	22.8	-2.3	-0.14	1	1
Rv1540	-	9	0	0	0	0	0	1	1
Rv1541c	lprI	8	8	2583.2	3828.6	1245.4	0.57	0.5864	1
Rv1542c	glbN	6	5	1929.8	4726.1	2796.3	1.29	0.4084	1
Rv1543	-	12	11	105187.9	38571.3	-66616.6	-1.45	0.0679	1
Rv1544	-	9	8	43281.2	10358.2	-32923	-2.06	0.0067	0.5941
Rv1545	-	3	2	4101	15743.2	11642.2	1.94	0.3724	1
Rv1546	-	2	2	4898.3	3730	-1168.2	-0.39	0.3638	1
Rv1547	dnaE	41	2	1	1.2	0.2	0.26	1	1
Rv1548c	PPE21	39	34	24532.3	24054.4	-477.9	-0.03	0.9476	1
Rv1549	fadD11.1	8	6	6253.6	8487.4	2233.9	0.44	0.7621	1
Rv1550	fadD11	20	18	27137.3	24920.5	-2216.8	-0.12	0.7827	1
Rv1551	plsB1	26	20	14133.9	10947.7	-3186.2	-0.37	0.5808	1
Rv1552	frdA	33	22	23281	28506.7	5225.7	0.29	0.8131	1
Rv1553	frdB	12	11	7715.2	11451.6	3736.4	0.57	0.4438	1
Rv1554	frdC	8	7	11420.3	7448.4	-3971.9	-0.62	0.3544	1
Rv1555	frdD	2	2	3737.9	2666.8	-1071.2	-0.49	0.8295	1
Rv1556	-	9	7	7895.4	7533.2	-362.1	-0.07	0.8891	1
Rv1557	mmpL6	18	15	45938.2	47052	1113.9	0.03	0.9497	1
Rv1558	-	6	5	4618.1	5646.2	1028.1	0.29	0.6599	1
Rv1559	ilvA	19	0	0	0	0	0	1	1
Rv1560	-	2	0	0	0	0	0	1	1
Rv1561	-	7	5	2913.6	2610.2	-303.4	-0.16	0.8835	1
Rv1562c	treZ	25	12	2860.4	2710.7	-149.6	-0.08	0.9492	1
Rv1563c	treY	23	6	1280.7	1001.4	-279.4	-0.35	0.7752	1
Rv1564c	treX	35	20	6353.2	4944.5	-1408.6	-0.36	0.5617	1
Rv1565c	-	33	3	3.7	1.2	-2.5	-1.61	0.4472	1
Rv1566c	-	9	9	4563.4	3606.5	-956.8	-0.34	0.6562	1
Rv1567c	-	7	5	5581.1	5682.6	101.5	0.03	0.9786	1
Rv1568	bioA	11	8	2451.8	2677.5	225.8	0.13	0.8571	1
Rv1569	bioF1	6	5	3317	4376.4	1059.4	0.4	0.5886	1
Rv1570	bioD	1	1	19.3	85.1	65.8	2.14	1	1
Rv1571	-	2	0	0	0	0	0	1	1
Rv1572c	-	1	1	238.8	115.4	-123.4	-1.05	1	1
Rv1573	-	1	0	0	0	0	0	1	1
Rv1574	-	2	2	189.2	133	-56.2	-0.51	0.8288	1
Rv1575	-	5	3	117.8	221.7	103.9	0.91	0.5661	1
Rv1576c	-	6	0	0	0	0	0	1	1
Rv1577c	-	6	0	0	0	0	0	1	1
Rv1578c	-	4	3	834.2	280.8	-553.4	-1.57	0.181	1
Rv1579c	-	4	4	439.5	172.6	-266.9	-1.35	0.1575	1
Rv1580c	-	5	5	5066.9	5324.3	257.4	0.07	0.9156	1
Rv1581c	-	5	4	687.2	154.6	-532.6	-2.15	0.1484	1
Rv1582c	-	26	12	1756.8	779.2	-977.6	-1.17	0.2667	1
Rv1583c	-	5	4	1810	338	-1472.1	-2.42	0.0997	1
Rv1584c	-	1	1	875.5	2784.5	1909	1.67	1	1
Rv1585c	-	8	3	31.6	100.7	69	1.67	0.4503	1
Rv1586c	-	17	12	5867.1	4195.5	-1671.6	-0.48	0.6778	1
Rv1587c	-	13	11	7016.5	7396.2	379.8	0.08	0.8915	1
Rv1588c	-	8	6	1633.3	731.2	-902.1	-1.16	0.1334	1
Rv1589	bioB	7	5	6223.4	4625	-1598.3	-0.43	0.4313	1
Rv1590	-	3	3	4144.6	2916.9	-1227.7	-0.51	0.5702	1
Rv1591	-	4	4	9035.2	11240.2	2205	0.32	0.7512	1
Rv1592c	-	18	7	69.6	431.4	361.9	2.63	0.3862	1
Rv1593c	-	11	8	845.4	639.5	-205.9	-0.4	0.6457	1
Rv1594	nadA	8	1	0	1.2	1.2	-0.74	1	1
Rv1595	nadB	20	0	0	0	0	0	1	1
Rv1596	nadC	10	0	0	0	0	0	1	1
Rv1597	-	10	6	2053.4	2076.9	23.4	0.02	0.9808	1
Rv1598c	-	7	5	2942.9	2073.2	-869.7	-0.51	0.6366	1
Rv1599	hisD	11	2	3.7	0	-3.7	-0.87	0.4307	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1600	hisC1	22	1	0	1.2	1.2	-0.74	1	1
Rv1601	hisB	11	0	0	0	0	0	1	1
Rv1602	hisH	6	0	0	0	0	0	1	1
Rv1603	hisA	7	0	0	0	0	0	1	1
Rv1604	impA	10	6	4547.8	6688.5	2140.6	0.56	0.512	1
Rv1605	hisF	5	1	0	1.2	1.2	-0.74	1	1
Rv1606	hisI	6	0	0	0	0	0	1	1
Rv1607	chaA	8	5	1674.3	2360.1	685.8	0.5	0.8597	1
Rv1608c	bcpB	4	3	293	1003.9	710.9	1.78	0.377	1
Rv1609	trpE	19	0	0	0	0	0	1	1
Rv1610	-	4	2	1	1.2	0.2	0.26	1	1
Rv1611	trpC	8	1	0	12	12	2.58	1	1
Rv1612	trpB	15	0	0	0	0	0	1	1
Rv1613	trpA	13	0	0	0	0	0	1	1
Rv1614	lgt	23	2	3242.1	4139.2	897.1	0.35	0.8057	1
Rv1615	-	7	7	2709.7	1725.9	-983.7	-0.65	0.3492	1
Rv1616	-	9	8	10821.1	14121.3	3300.2	0.38	0.6123	1
Rv1617	pykA	11	1	1.8	0	-1.8	0.13	1	1
Rv1618	tesB1	14	13	8442	9863.2	1421.3	0.22	0.7604	1
Rv1619	-	16	8	1802.1	1006.2	-796	-0.84	0.3638	1
Rv1620c	cydC	15	1	596.8	132.5	-464.3	-2.17	0.6709	1
Rv1621c	cydD	16	6	517.4	556.1	38.7	0.1	0.9704	1
Rv1622c	cydB	18	6	1059.2	2595.1	1535.9	1.29	0.8369	1
Rv1623c	cydA	15	7	366.8	464.1	97.4	0.34	0.6868	1
Rv1624c	-	5	5	5341.7	9418.2	4076.5	0.82	0.4248	1
Rv1625c	cya	22	20	15739.9	15817.3	77.4	0.01	0.9878	1
Rv1626	-	5	5	224	340.6	116.5	0.6	0.6996	1
Rv1627c	-	14	8	2548.5	1758	-790.5	-0.54	0.3952	1
Rv1628c	-	6	4	2632.5	2220.7	-411.8	-0.25	0.7168	1
Rv1629	polA	30	0	0	0	0	0	1	1
Rv1630	rpsA	11	0	0	0	0	0	1	1
Rv1631	coaE	9	0	0	0	0	0	1	1
Rv1632c	-	8	8	7249.1	5259.4	-1989.7	-0.46	0.276	1
Rv1633	uvrB	35	25	10325.8	4977.8	-5348	-1.05	0.4802	1
Rv1634	-	22	20	13732.4	11802.9	-1929.5	-0.22	0.7302	1
Rv1635c	-	26	24	23712.9	32693.1	8980.1	0.46	0.3161	1
Rv1636	TB15.3	6	0	0	0	0	0	1	1
Rv1637c	-	5	5	878.4	183.4	-695	-2.26	0.025	1
Rv1638	uvrA	28	12	916.9	252.9	-664	-1.86	0.0328	1
Rv1638A	-	5	2	10011	7535	-2476	-0.41	0.709	1
Rv1639c	-	11	8	21247.6	29986	8738.4	0.5	0.6923	1
Rv1640c	lysS	53	38	44715.2	20663	-24052.2	-1.11	0.0153	0.8721
Rv1641	infC	10	0	0	0	0	0	1	1
Rv1642	rpmI	1	0	0	0	0	0	1	1
Rv1643	rplT	7	0	0	0	0	0	1	1
Rv1644	tsnR	9	9	65827	62159.1	-3667.9	-0.08	0.9202	1
Rv1645c	-	17	14	25286.4	22609	-2677.4	-0.16	0.7826	1
Rv1646	PE17	11	11	8835.8	9710.1	874.3	0.14	0.8443	1
Rv1647	-	6	4	7170.2	4339.9	-2830.3	-0.72	0.4581	1
Rv1648	-	9	9	7249.2	11748.5	4499.2	0.7	0.428	1
Rv1649	pheS	12	1	1.8	0	-1.8	0.13	1	1
Rv1650	pheT	29	1	0	31.2	31.2	3.96	1	1
Rv1651c	PE_PGRS30	37	27	17692.2	10979.3	-6712.9	-0.69	0.186	1
Rv1652	argC	15	0	0	0	0	0	1	1
Rv1653	argJ	2	0	0	0	0	0	1	1
Rv1654	argB	4	0	0	0	0	0	1	1
Rv1655	argD	9	0	0	0	0	0	1	1
Rv1656	argF	5	0	0	0	0	0	1	1
Rv1657	argR	3	2	1123.7	699.7	-424	-0.68	0.7107	1
Rv1658	argG	13	0	0	0	0	0	1	1
Rv1659	argH	7	0	0	0	0	0	1	1
Rv1660	pks10	9	7	17837.8	18928	1090.1	0.09	0.9212	1
Rv1661	pks7	58	18	5636.4	11632.7	5996.4	1.05	0.3814	1
Rv1662	pks8	50	13	2422.3	2706.7	284.3	0.16	0.8025	1
Rv1663	pks17	15	9	2150.6	1349.3	-801.3	-0.67	0.5737	1
Rv1664	pks9	32	25	5359.8	8463	3103.2	0.66	0.8142	1
Rv1665	pks11	8	8	5804.6	4963.9	-840.7	-0.23	0.6924	1
Rv1666c	cyp139	16	13	15128.9	14470	-658.9	-0.06	0.9275	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1667c	-	7	6	13641.9	14350.9	709	0.07	0.921	1
Rv1668c	-	11	9	5393	3383.5	-2009.5	-0.67	0.2888	1
Rv1669	-	7	6	1194.6	1332.2	137.6	0.16	0.8633	1
Rv1670	-	10	9	8674.6	9065.3	390.7	0.06	0.9333	1
Rv1671	-	10	4	2125.6	258	-1867.6	-3.04	0.0502	1
Rv1672c	-	17	12	5861.6	8287.2	2425.6	0.5	0.4521	1
Rv1673c	-	12	8	1616.8	3152.6	1535.7	0.96	0.426	1
Rv1674c	-	9	5	17068.3	21015.3	3947	0.3	0.7068	1
Rv1675c	-	10	9	3423.7	2166.6	-1257.2	-0.66	0.5319	1
Rv1676	-	7	3	1665	4411.8	2746.8	1.41	0.5056	1
Rv1677	dsbF	10	4	1499.2	685.8	-813.3	-1.13	0.3383	1
Rv1678	-	9	7	1294	789.1	-504.9	-0.71	0.3445	1
Rv1679	fadE16	8	3	646.9	297.2	-349.7	-1.12	0.0853	1
Rv1680	-	11	6	1584.7	901.9	-682.8	-0.81	0.4315	1
Rv1681	moeX	8	5	1099.4	1305.9	206.5	0.25	0.7123	1
Rv1682	-	9	7	984.9	1637.7	652.9	0.73	0.9754	1
Rv1683	-	26	5	503.3	24	-479.4	-4.39	0.014	0.8594
Rv1684	-	4	0	0	0	0	0	1	1
Rv1685c	-	6	2	23	0	-23	-3.52	0.4346	1
Rv1686c	-	9	1	3.7	1.2	-2.5	-1.61	1	1
Rv1687c	-	9	5	708.7	804.1	95.4	0.18	0.8776	1
Rv1688	mpg	7	6	5181.3	5043.8	-137.5	-0.04	0.995	1
Rv1689	tyrS	15	0	0	0	0	0	1	1
Rv1690	lprJ	5	4	1104.8	460.8	-644.1	-1.26	0.2936	1
Rv1691	-	5	2	14	41.9	27.9	1.58	0.7153	1
Rv1692	-	7	5	3221.7	5310.4	2088.7	0.72	0.9135	1
Rv1693	-	1	1	14.6	31.2	16.5	1.09	1	1
Rv1694	tlyA	7	5	1956.7	3224.3	1267.6	0.72	0.5729	1
Rv1695	ppnK	6	0	0	0	0	0	1	1
Rv1696	recN	15	6	850.8	588.4	-262.4	-0.53	0.7609	1
Rv1697	-	12	0	0	0	0	0	1	1
Rv1698	-	12	3	851.5	328.2	-523.3	-1.38	0.1505	1
Rv1699	pyrG	29	0	0	0	0	0	1	1
Rv1700	-	9	3	793.5	375.1	-418.4	-1.08	0.2793	1
Rv1701	xerD	10	2	147.1	56.3	-90.7	-1.38	0.5408	1
Rv1702c	-	17	14	17056.2	15229.6	-1826.6	-0.16	0.8864	1
Rv1703c	-	11	9	20981.6	30867.3	9885.7	0.56	0.3844	1
Rv1704c	cycA	14	11	6323.1	7351.3	1028.2	0.22	0.7274	1
Rv1705c	PPE22	21	15	16520.5	17449.2	928.7	0.08	0.8979	1
Rv1706A	-	2	1	28.8	9.6	-19.2	-1.59	0.3314	1
Rv1706c	PPE23	14	12	12793.4	11891	-902.5	-0.11	0.9176	1
Rv1707	-	14	13	10339	8617	-1722	-0.26	0.6578	1
Rv1708	-	14	0	0	0	0	0	1	1
Rv1709	-	9	7	671.2	268.4	-402.8	-1.32	0.2404	1
Rv1710	-	12	4	276.3	88.7	-187.6	-1.64	0.6294	1
Rv1711	-	7	0	0	0	0	0	1	1
Rv1712	cmk	10	0	0	0	0	0	1	1
Rv1713	engA	10	1	0	1.2	1.2	-0.74	1	1
Rv1714	-	4	3	565.4	161.3	-404.1	-1.81	0.1219	1
Rv1715	fadB3	8	3	261.2	504.5	243.3	0.95	0.9997	1
Rv1716	-	11	7	1334.4	1241.8	-92.6	-0.1	0.9072	1
Rv1717	-	4	3	1593.8	1824.3	230.5	0.19	0.7505	1
Rv1718	-	4	4	663.6	434.2	-229.4	-0.61	0.5735	1
Rv1719	-	4	2	83.9	69.5	-14.4	-0.27	1	1
Rv1720c	-	9	7	598.4	713.1	114.7	0.25	0.7634	1
Rv1721c	-	2	1	152.2	36	-116.3	-2.08	0.3333	1
Rv1722	-	19	15	44869.8	41441.2	-3428.6	-0.11	0.9279	1
Rv1723	-	13	12	16026	14263.3	-1762.7	-0.17	0.7745	1
Rv1724c	-	11	11	17201.5	15758.5	-1443	-0.13	0.8637	1
Rv1725c	-	8	7	5060.7	5423.4	362.7	0.1	0.9474	1
Rv1726	-	11	9	26840.3	22445.2	-4395.2	-0.26	0.753	1
Rv1727	-	3	3	2830.7	2094.1	-736.5	-0.43	0.506	1
Rv1728c	-	15	10	1983.5	11183.7	9200.2	2.5	0.5754	1
Rv1729c	-	21	7	4308.9	3755.5	-553.4	-0.2	0.7862	1
Rv1730c	-	24	9	1144.5	426.1	-718.3	-1.43	0.1674	1
Rv1731	gabD2	21	14	10284.1	10765.5	481.4	0.07	0.936	1
Rv1732c	-	8	5	2306.2	1249.3	-1056.9	-0.88	0.3291	1
Rv1733c	-	3	1	4	129.4	125.4	5.02	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1734c	-	2	2	2390.6	1672.3	-718.3	-0.52	0.6833	1
Rv1735c	-	5	5	2392.6	15562	13169.4	2.7	0.9731	1
Rv1736c	narX	30	23	12080.3	11779.7	-300.6	-0.04	0.9349	1
Rv1737c	narK2	12	8	6718.4	3939.1	-2779.2	-0.77	0.4255	1
Rv1738	-	1	1	310.5	95.9	-214.7	-1.7	0.6703	1
Rv1739c	-	31	21	3958.5	3523.5	-435	-0.17	0.8533	1
Rv1740	-	3	3	2453.6	582.4	-1871.2	-2.07	0.1928	1
Rv1741	-	4	4	1765.7	3164.7	1399	0.84	0.291	1
Rv1742	-	10	7	3178.1	1744	-1434.1	-0.87	0.4369	1
Rv1743	pknE	23	19	24815.8	26765.5	1949.7	0.11	0.8653	1
Rv1744c	-	5	3	7464	7644.3	180.3	0.03	0.9242	1
Rv1745c	idi	11	8	5722.8	6203.8	481.1	0.12	0.9113	1
Rv1746	pknF	12	8	4408.7	5260.3	851.6	0.25	0.627	1
Rv1747	-	25	22	17876.2	6296.7	-11579.4	-1.51	0.0021	0.2703
Rv1748	-	10	8	17270.7	12192.2	-5078.5	-0.5	0.498	1
Rv1749c	-	12	12	11010.4	14914.2	3903.8	0.44	0.5987	1
Rv1750c	fadD1	32	26	15379	21325.3	5946.3	0.47	0.3512	1
Rv1751	-	17	13	6292.3	6217.2	-75.1	-0.02	0.9783	1
Rv1752	-	2	1	0	6	6	1.58	1	1
Rv1753c	PPE24	54	23	4367.5	11648	7280.4	1.42	0.6042	1
Rv1754c	-	29	23	11389.9	9670.3	-1719.6	-0.24	0.5818	1
Rv1755c	plcD	13	6	1233.3	3089.4	1856.1	1.32	0.7245	1
Rv1756c	-	17	17	13422.5	12409.3	-1013.2	-0.11	0.8511	1
Rv1757c	-	3	3	2600.2	1814.3	-785.9	-0.52	0.7629	1
Rv1758	cut1	8	7	6191.4	4273.9	-1917.5	-0.53	0.3222	1
Rv1759c	wag22	18	10	1389.8	4528.4	3138.6	1.7	0.11	1
Rv1760	-	22	17	72192.5	72232.7	40.2	0	0.9995	1
Rv1761c	-	4	3	5319.4	5572.8	253.4	0.07	0.9349	1
Rv1762c	-	8	8	21089.5	27932.5	6843	0.41	0.6361	1
Rv1763	-	3	3	2920	2142.9	-777.1	-0.45	0.5716	1
Rv1764	-	19	19	15301.7	15004.4	-297.3	-0.03	0.9601	1
Rv1765A	-	3	2	283.5	477	193.5	0.75	0.7144	1
Rv1765c	-	6	6	3564.2	5661.9	2097.7	0.67	0.4074	1
Rv1766	-	2	1	623.3	610.6	-12.7	-0.03	1	1
Rv1767	-	6	5	1452.7	1905.4	452.7	0.39	0.7256	1
Rv1768	PE_PGRS31	17	14	7063.7	10846.1	3782.4	0.62	0.6226	1
Rv1769	-	17	13	6932	3787	-3145.1	-0.87	0.2428	1
Rv1770	-	12	9	23075.3	20680.7	-2394.6	-0.16	0.8027	1
Rv1771	-	13	12	5381.2	3776.9	-1604.4	-0.51	0.4279	1
Rv1772	-	4	1	913	498.5	-414.4	-0.87	0.6648	1
Rv1773c	-	8	5	1265.9	467.4	-798.5	-1.44	0.174	1
Rv1774	-	22	16	11381.5	10732.2	-649.2	-0.08	0.9153	1
Rv1775	-	9	7	3416.2	5260	1843.8	0.62	0.8899	1
Rv1776c	-	8	5	1445.4	714.5	-731	-1.02	0.1954	1
Rv1777	cyp144	22	12	14915.6	13053.7	-1862	-0.19	0.7931	1
Rv1778c	-	5	5	235.5	109.1	-126.4	-1.11	0.4124	1
Rv1779c	-	10	7	5465	8871.8	3406.8	0.7	0.5668	1
Rv1780	-	7	6	10185.8	5943	-4242.8	-0.78	0.5074	1
Rv1781c	malQ	23	19	41358.2	35880.6	-5477.6	-0.2	0.7598	1
Rv1782	-	14	0	0	0	0	0	1	1
Rv1783	-	15	0	0	0	0	0	1	1
Rv1784	-	35	0	0	0	0	0	1	1
Rv1785c	cyp143	13	9	3348.5	2419.3	-929.2	-0.47	0.5438	1
Rv1786	-	1	1	1841.3	1117.1	-724.1	-0.72	0.6656	1
Rv1787	PPE25	12	12	15336.6	21681.4	6344.8	0.5	0.4919	1
Rv1788	PE18	2	2	56452.3	77658.2	21205.9	0.46	0.5812	1
Rv1789	PPE26	15	14	11061.4	14970	3908.6	0.44	0.4388	1
Rv1790	PPE27	13	13	15650.1	21373.2	5723.1	0.45	0.5424	1
Rv1791	PE19	5	5	277.5	61.1	-216.4	-2.18	0.0519	1
Rv1793	esxN	3	3	3330.2	3925.7	595.5	0.24	0.9061	1
Rv1794	-	14	0	0	0	0	0	1	1
Rv1795	-	13	1	1.8	0	-1.8	0.13	1	1
Rv1796	mycP5	22	2	2.8	0	-2.8	-0.5	0.4367	1
Rv1797	-	12	0	0	0	0	0	1	1
Rv1798	-	24	9	372.5	8.4	-364.2	-5.47	0.0003	0.0748
Rv1799	lppT	2	0	0	0	0	0	1	1
Rv1800	PPE28	33	27	55921.3	94884.1	38962.7	0.76	0.3063	1
Rv1801	PPE29	20	15	10902.5	12116.9	1214.4	0.15	0.8829	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1802	PPE30	17	16	20674.6	17102.3	-3572.2	-0.27	0.6046	1
Rv1803c	PE_PGRS32	26	19	7282.7	13286.7	6004	0.87	0.1571	1
Rv1804c	-	8	7	5146.1	5498.1	352	0.1	0.9173	1
Rv1805c	-	4	1	242	134.9	-107.1	-0.84	0.6647	1
Rv1806	PE20	3	1	10.5	3.6	-6.9	-1.54	0.3293	1
Rv1807	PPE31	16	13	1664.3	3814.7	2150.4	1.2	0.6095	1
Rv1808	PPE32	24	21	30594.6	36849	6254.4	0.27	0.7428	1
Rv1809	PPE33	17	14	15820.9	21014.2	5193.3	0.41	0.586	1
Rv1810	-	10	10	7523.7	6373.4	-1150.3	-0.24	0.7409	1
Rv1811	mgtC	11	10	24223.6	17081.1	-7142.6	-0.5	0.3209	1
Rv1812c	-	19	14	18952.4	23950.2	4997.8	0.34	0.7171	1
Rv1813c	-	8	7	13859.5	17213.8	3354.3	0.31	0.6719	1
Rv1814	erg3	19	18	72757	104815.8	32058.7	0.53	0.6277	1
Rv1815	-	7	5	3017.1	3110.1	93	0.04	0.9779	1
Rv1816	-	12	10	7526.1	12463.2	4937.2	0.73	0.5165	1
Rv1817	-	21	18	29141.2	23457.5	-5683.7	-0.31	0.6061	1
Rv1818c	PE_PGRS33	8	5	276.4	1822.7	1546.4	2.72	0.493	1
Rv1819c	-	22	21	33405.8	39346.7	5940.8	0.24	0.7212	1
Rv1820	ilvG	13	11	15890.7	9729.8	-6160.9	-0.71	0.2575	1
Rv1821	secA2	28	2	20.1	0	-20.1	-3.33	0.42	1
Rv1822	pgsA2	13	1	3.7	0	-3.7	-0.87	1	1
Rv1823	-	12	7	624.3	0	-624.3	-8.29	0.0017	0.2261
Rv1824	-	4	4	148.2	30	-118.2	-2.31	0.2833	1
Rv1825	-	9	4	218.8	18	-200.8	-3.61	0.1761	1
Rv1826	gcvH	7	0	0	0	0	0	1	1
Rv1827	cfp17	6	0	0	0	0	0	1	1
Rv1828	-	11	0	0	0	0	0	1	1
Rv1829	-	9	8	10755.6	2263.4	-8492.2	-2.25	0.0003	0.0748
Rv1830	-	9	1	1.8	0	-1.8	0.13	1	1
Rv1831	-	5	5	12004.4	8034.5	-3969.9	-0.58	0.5073	1
Rv1832	gcvB	40	1	1.8	0	-1.8	0.13	1	1
Rv1833c	-	11	9	6709.3	4702.3	-2007	-0.51	0.661	1
Rv1834	-	8	7	6255.8	5264.1	-991.7	-0.25	0.7457	1
Rv1835c	-	28	26	48516.3	59234	10717.7	0.29	0.5787	1
Rv1836c	-	26	3	76	0	-76	-5.25	0.182	1
Rv1837c	glcB	18	1	3.7	0	-3.7	-0.87	1	1
Rv1838c	-	8	7	11640.2	15671.6	4031.5	0.43	0.5614	1
Rv1839c	-	1	1	762.5	314.3	-448.2	-1.28	0.331	1
Rv1840c	PE_PGRS34	13	5	15957.4	18463.1	2505.7	0.21	0.7578	1
Rv1841c	-	12	9	12210.9	10891.8	-1319	-0.16	0.8049	1
Rv1842c	-	11	10	24597.3	22995.7	-1601.6	-0.1	0.9037	1
Rv1843c	guaB1	15	12	35769.7	52504.3	16734.6	0.55	0.348	1
Rv1844c	gnd1	12	11	30731.5	37162.4	6430.9	0.27	0.7166	1
Rv1845c	-	11	1	1.8	0	-1.8	0.13	1	1
Rv1846c	-	3	3	3287	1648.3	-1638.7	-1	0.3967	1
Rv1847	-	5	5	43760.8	46491	2730.2	0.09	0.9065	1
Rv1848	ureA	2	2	857.4	14990.5	14133.1	4.13	0.3077	1
Rv1849	ureB	4	1	11	85.1	74.1	2.95	1	1
Rv1850	ureC	9	5	859.2	451.8	-407.4	-0.93	0.494	1
Rv1851	ureF	2	2	147.4	414	266.6	1.49	0.6851	1
Rv1852	ureG	4	2	4995.2	4085.1	-910.1	-0.29	0.8296	1
Rv1853	ureD	3	2	2502.8	3065.1	562.3	0.29	0.7019	1
Rv1854c	ndh	12	0	0	0	0	0	1	1
Rv1855c	-	9	8	10982.4	8348	-2634.4	-0.4	0.4272	1
Rv1856c	-	4	4	17149.9	11867.1	-5282.8	-0.53	0.591	1
Rv1857	modA	3	3	3359.3	2528.7	-830.6	-0.41	0.5734	1
Rv1858	modB	14	11	115482.3	110235.5	-5246.9	-0.07	0.9156	1
Rv1859	modC	14	11	4547.2	10749.4	6202.2	1.24	0.8594	1
Rv1860	apa	13	11	3184.8	3393.8	209	0.09	0.9624	1
Rv1861	-	7	5	3272.2	6375.5	3103.3	0.96	0.5212	1
Rv1862	adhA	13	12	16609.3	24465.8	7856.4	0.56	0.2087	1
Rv1863c	-	7	5	3978.8	2293.3	-1685.5	-0.79	0.1656	1
Rv1864c	-	8	8	7429.5	5417.1	-2012.4	-0.46	0.5808	1
Rv1865c	-	10	8	6093.2	10725.4	4632.2	0.82	0.5105	1
Rv1866	-	30	16	7941.4	3412.9	-4528.5	-1.22	0.0969	1
Rv1867	-	16	11	9996.4	7933.3	-2063.1	-0.33	0.5804	1
Rv1868	-	20	14	14465.3	24704.6	10239.3	0.77	0.5453	1
Rv1869c	-	20	17	16746.8	9592.4	-7154.4	-0.8	0.0564	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1870c	-	8	6	12501.8	8816	-3685.7	-0.5	0.6074	1
Rv1871c	-	8	7	11124.6	13018.9	1894.3	0.23	0.8492	1
Rv1872c	lldD2	10	5	49199.8	41136.5	-8063.3	-0.26	0.6738	1
Rv1873	-	7	4	5523.6	5607.4	83.8	0.02	0.9822	1
Rv1874	-	10	9	19286.5	18509.5	-777	-0.06	0.928	1
Rv1875	-	3	3	2579.7	1608.6	-971.1	-0.68	0.5001	1
Rv1876	bfrA	7	7	5357.9	3697	-1660.9	-0.54	0.588	1
Rv1877	-	22	20	24313.5	26348.7	2035.2	0.12	0.805	1
Rv1878	glnA3	20	14	6517.5	11390.1	4872.7	0.81	0.3094	1
Rv1879	-	15	12	8378.2	7395.6	-982.6	-0.18	0.7452	1
Rv1880c	cyp140	13	9	2924.5	3006.7	82.2	0.04	0.9994	1
Rv1881c	lppE	7	6	11700.2	15022.6	3322.3	0.36	0.4775	1
Rv1882c	-	11	11	20379.3	33306.9	12927.6	0.71	0.3978	1
Rv1883c	-	6	4	1539.5	5216.6	3677.1	1.76	0.9034	1
Rv1884c	rpfC	1	1	108	53.9	-54	-1	0.6663	1
Rv1885c	-	7	6	1972.3	1303	-669.3	-0.6	0.514	1
Rv1886c	fbpB	21	21	89121.1	34068.3	-55052.8	-1.39	0.018	0.9595
Rv1887	-	19	15	52545.1	36816.5	-15728.5	-0.51	0.4697	1
Rv1888A	-	0	0	0	0	0	0	1	1
Rv1888c	-	11	10	8166.7	13044.9	4878.2	0.68	0.4259	1
Rv1889c	-	2	1	201.2	0	-201.2	-6.65	1	1
Rv1890c	-	6	4	3619.6	4216.6	597.1	0.22	0.7632	1
Rv1891	-	7	7	3013.5	6767.3	3753.7	1.17	0.3837	1
Rv1892	-	4	4	11264.4	8065.4	-3198.9	-0.48	0.6411	1
Rv1893	-	0	0	0	0	0	0	1	1
Rv1894c	-	9	7	11429.9	10463.6	-966.2	-0.13	0.8786	1
Rv1895	-	10	8	5454.6	2249.7	-3204.9	-1.28	0.21	1
Rv1896c	-	16	12	5497	9354.5	3857.5	0.77	0.8087	1
Rv1897c	-	3	3	712.8	717.8	5.1	0.01	0.9895	1
Rv1898	-	1	1	231	240.7	9.7	0.06	1	1
Rv1899c	lppD	8	8	7423.5	4407.3	-3016.2	-0.75	0.1932	1
Rv1900c	lipJ	17	15	5574.4	2404.7	-3169.7	-1.21	0.106	1
Rv1901	cinA	16	15	29262.8	32506.7	3243.9	0.15	0.791	1
Rv1902c	nanT	27	20	19291.9	19764	472	0.03	0.9653	1
Rv1903	-	5	4	14273.8	18273.7	3999.9	0.36	0.857	1
Rv1904	-	8	7	4678	5174.7	496.7	0.15	0.9383	1
Rv1905c	aao	14	12	18879.9	19529.5	649.6	0.05	0.9391	1
Rv1906c	-	9	7	3010.8	1213.4	-1797.4	-1.31	0.0944	1
Rv1907c	-	10	8	5462.3	6246.8	784.4	0.19	0.8232	1
Rv1908c	katG	27	2	148.1	0	-148.1	-6.21	0.43	1
Rv1909c	furA	8	4	810.4	647.4	-163	-0.32	0.8004	1
Rv1910c	-	10	9	2962	2788.6	-173.5	-0.09	0.9047	1
Rv1911c	lppC	6	4	2631.5	2176.6	-454.9	-0.27	0.8031	1
Rv1912c	fadB5	11	7	3171	3466.2	295.2	0.13	0.8876	1
Rv1913	-	9	8	1361.4	2452.9	1091.5	0.85	0.5736	1
Rv1914c	-	4	3	1489.5	3059.2	1569.8	1.04	0.6181	1
Rv1915	aceAa	18	16	25334.4	25712.9	378.4	0.02	0.9819	1
Rv1916	aceAb	14	13	32894	22985.1	-9908.9	-0.52	0.6564	1
Rv1917c	PPE34	107	79	58547.6	68277.2	9729.6	0.22	0.7195	1
Rv1918c	PPE35	63	37	22149.8	27440	5290.3	0.31	0.5821	1
Rv1919c	-	7	5	9814.6	12887.8	3073.2	0.39	0.5204	1
Rv1920	-	8	8	4407.9	4349.5	-58.4	-0.02	0.982	1
Rv1921c	lppF	20	16	47306.8	55177.1	7870.3	0.22	0.7782	1
Rv1922	-	18	15	17985.7	22037	4051.2	0.29	0.6784	1
Rv1923	lipD	23	21	19888	12640.8	-7247.2	-0.65	0.1324	1
Rv1924c	-	8	7	16199.9	9816.3	-6383.6	-0.72	0.3671	1
Rv1925	fadD31	30	20	7853.4	4153.9	-3699.5	-0.92	0.182	1
Rv1926c	mpt63	6	5	1691.6	2685	993.4	0.67	0.2666	1
Rv1927	-	15	12	15110.2	24981.1	9870.9	0.73	0.3491	1
Rv1928c	-	14	11	15438.6	17830.4	2391.8	0.21	0.7621	1
Rv1929c	-	8	6	1208.3	1368.9	160.6	0.18	0.8482	1
Rv1930c	-	2	1	341.6	1213.7	872.1	1.83	0.6703	1
Rv1931c	-	2	2	100.9	89.9	-11	-0.17	0.8261	1
Rv1932	tpx	5	4	1392.7	2870.6	1477.9	1.04	0.5316	1
Rv1933c	fadE18	7	4	1646.6	978.1	-668.5	-0.75	0.4352	1
Rv1934c	fadE17	10	9	4485	3539.3	-945.7	-0.34	0.7309	1
Rv1935c	echA13	8	7	2868.4	2234.3	-634.1	-0.36	0.6538	1
Rv1936	-	12	10	8427.5	10710.5	2282.9	0.35	0.617	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv1937	-	35	25	7180.1	6342	-838.1	-0.18	0.792	1
Rv1938	ephB	14	10	4116.7	3065.7	-1051	-0.43	0.7328	1
Rv1939	-	4	2	279.8	121	-158.8	-1.21	0.1621	1
Rv1940	ribA1	6	5	532	866.4	334.4	0.7	0.9593	1
Rv1941	-	3	2	2273.1	1688.8	-584.4	-0.43	0.6514	1
Rv1942c	-	2	1	0	6	6	1.58	1	1
Rv1943c	-	9	5	830.4	557.1	-273.2	-0.58	0.4131	1
Rv1944c	-	5	4	1179.7	416.2	-763.5	-1.5	0.2474	1
Rv1945	-	15	13	5259.5	5345.3	85.8	0.02	0.9596	1
Rv1946c	lppG	6	4	2413.2	6126.3	3713.1	1.34	0.8363	1
Rv1947	-	3	2	1096.6	1328.1	231.5	0.28	0.8008	1
Rv1948c	-	13	12	3189.7	3034.5	-155.2	-0.07	0.9266	1
Rv1949c	-	16	11	6450.1	7479	1028.9	0.21	0.6841	1
Rv1950c	-	4	4	3282.7	6014.2	2731.5	0.87	0.8409	1
Rv1951c	-	2	2	1375.1	309.2	-1065.9	-2.15	0.0672	1
Rv1952	-	2	2	369.2	146.2	-223	-1.34	0.3914	1
Rv1953	-	3	2	2006.1	2533	527	0.34	1	1
Rv1954c	-	6	6	17792.2	24700.5	6908.3	0.47	0.5907	1
Rv1955	-	8	5	5259.1	4258.6	-1000.5	-0.3	0.7785	1
Rv1956	-	8	6	2594.6	3377.2	782.6	0.38	0.6346	1
Rv1957	-	12	5	508.6	71.9	-436.7	-2.82	0.2211	1
Rv1958c	-	7	5	2616.9	1108.4	-1508.5	-1.24	0.2936	1
Rv1959c	-	5	3	2590.2	1809.3	-780.9	-0.52	0.6399	1
Rv1960c	-	2	1	2	70.7	68.7	5.14	1	1
Rv1961	-	7	6	3998.2	6963	2964.9	0.8	0.7122	1
Rv1962c	-	11	9	3752	2813.3	-938.7	-0.42	0.5189	1
Rv1963c	mce3R	13	8	312.9	117.8	-195.1	-1.41	0.1424	1
Rv1964	yrbE3A	4	4	11499.1	10156.8	-1342.4	-0.18	0.7988	1
Rv1965	yrbE3B	10	6	4619.9	6596.1	1976.2	0.51	0.5083	1
Rv1966	mce3A	14	12	8278	7454.8	-823.2	-0.15	0.8007	1
Rv1967	mce3B	7	6	14780.2	7603.8	-7176.4	-0.96	0.4215	1
Rv1968	mce3C	9	5	16221.3	24247.6	8026.2	0.58	0.6698	1
Rv1969	mce3D	7	6	1528.6	1162	-366.6	-0.4	0.5937	1
Rv1970	lprM	4	2	218.8	840.9	622	1.94	0.4261	1
Rv1971	mce3F	13	10	12295.2	9813.8	-2481.4	-0.33	0.6512	1
Rv1972	-	4	3	8521.1	4958.2	-3562.9	-0.78	0.4373	1
Rv1973	-	3	3	3260	4975.4	1715.4	0.61	0.7616	1
Rv1974	-	8	8	1891.1	1425.6	-465.5	-0.41	0.4966	1
Rv1975	-	9	7	15798.2	11419.1	-4379.1	-0.47	0.4297	1
Rv1976c	-	2	2	1363.3	1480.3	117.1	0.12	0.7984	1
Rv1977	-	9	9	11211.9	10268.7	-943.2	-0.13	0.8122	1
Rv1978	-	12	11	10165.5	9142	-1023.5	-0.15	0.6889	1
Rv1979c	-	24	21	19893.8	20087.1	193.4	0.01	0.9742	1
Rv1980c	mpt64	17	15	46609.7	28779.6	-17830.1	-0.7	0.3088	1
Rv1981c	nrdF	21	21	36391.3	33414.6	-2976.6	-0.12	0.791	1
Rv1982c	-	4	3	12091.3	11275.5	-815.7	-0.1	0.78	1
Rv1983	PE_PGRS35	20	17	23405.8	38173.5	14767.6	0.71	0.1899	1
Rv1984c	cfp21	13	13	26880.1	25943.7	-936.4	-0.05	0.9331	1
Rv1985c	-	12	10	4882	3533.2	-1348.8	-0.47	0.5458	1
Rv1986	-	8	6	35339.9	39359.2	4019.3	0.16	0.8643	1
Rv1987	-	5	3	3287.4	9584.5	6297.1	1.54	0.0089	0.7102
Rv1988	-	6	6	2915.6	5883.4	2967.8	1.01	0.8231	1
Rv1989c	-	6	5	7350	9894.1	2544.1	0.43	0.5094	1
Rv1990A	-	3	3	6173.1	5207.7	-965.4	-0.25	0.8007	1
Rv1990c	-	4	0	0	0	0	0	1	1
Rv1991c	-	3	3	4270.7	6550.6	2280	0.62	0.975	1
Rv1992c	ctpG	25	22	27721.6	33435	5713.4	0.27	0.6424	1
Rv1993c	-	2	1	176.9	77.9	-99	-1.18	0.6632	1
Rv1994c	-	6	3	1287.6	1064	-223.6	-0.28	0.9167	1
Rv1995	-	6	6	28257.9	17287.2	-10970.6	-0.71	0.5294	1
Rv1996	-	12	10	29380.6	22194.1	-7186.5	-0.4	0.6605	1
Rv1997	ctpF	20	15	9361.3	6159.3	-3202.1	-0.6	0.353	1
Rv1998c	-	15	11	2007.5	459	-1548.5	-2.13	0.0188	0.9595
Rv1999c	-	18	15	7393.9	6106	-1287.9	-0.28	0.6905	1
Rv2000	-	28	22	36402	27246	-9156	-0.42	0.505	1
Rv2001	-	10	7	3488	3659.6	171.6	0.07	0.9308	1
Rv2002	fabG3	6	6	560.3	359.5	-200.8	-0.64	0.5178	1
Rv2003c	-	11	5	2053.5	4808.2	2754.6	1.23	0.6982	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2004c	-	20	11	3297	1925.8	-1371.2	-0.78	0.258	1
Rv2005c	-	8	5	1473.2	1017.2	-456	-0.53	0.5731	1
Rv2006	otsB1	66	39	10478.2	9160.6	-1317.6	-0.19	0.7199	1
Rv2007c	fdxA	6	4	260.3	53.9	-206.4	-2.27	0.1006	1
Rv2008c	-	19	13	2888.5	2024.4	-864.1	-0.51	0.4089	1
Rv2009	-	1	1	737.4	368.6	-368.8	-1	0.6659	1
Rv2010	-	5	4	59546.1	55853.8	-3692.3	-0.09	0.8945	1
Rv2011c	-	3	2	136	12	-124.1	-3.5	0.0271	1
Rv2012	-	6	5	1663.7	4030.3	2366.6	1.28	0.4637	1
Rv2013	-	1	0	0	0	0	0	1	1
Rv2014	-	2	2	1087.9	701.3	-386.7	-0.63	0.8838	1
Rv2015c	-	8	7	3640.8	6631.4	2990.5	0.87	0.3571	1
Rv2016	-	6	5	2443.3	3046.5	603.2	0.32	0.6223	1
Rv2017	-	9	0	0	0	0	0	1	1
Rv2018	-	12	6	596.5	79.1	-517.4	-2.91	0.0116	0.812
Rv2019	-	5	5	8241.4	10468.7	2227.3	0.35	0.6818	1
Rv2020c	-	3	2	3025.6	6165.7	3140.1	1.03	0.2661	1
Rv2021c	-	3	2	6601.3	5046.2	-1555.1	-0.39	0.6261	1
Rv2022c	-	10	8	4678	6575.7	1897.7	0.49	0.6725	1
Rv2023c	-	2	2	724.1	2915.6	2191.5	2.01	0.0861	1
Rv2024c	-	8	7	14528.1	13152.4	-1375.7	-0.14	0.7554	1
Rv2025c	-	9	9	2687.9	7184.5	4496.6	1.42	0.4064	1
Rv2026c	-	7	2	107.8	18	-89.9	-2.58	0.7056	1
Rv2027c	-	9	8	2415.8	3342.8	927	0.47	0.6316	1
Rv2028c	-	9	4	3049.5	4456.5	1407	0.55	0.9409	1
Rv2029c	pfkB	7	6	791.8	474.1	-317.7	-0.74	0.3972	1
Rv2030c	-	28	19	12171	19525.5	7354.4	0.68	0.5408	1
Rv2031c	hspX	8	7	2065.2	329.6	-1735.7	-2.65	0.0091	0.7119
Rv2032	acg	17	12	1521.5	1008.1	-513.4	-0.59	0.3053	1
Rv2033c	-	7	7	2992.4	2356.1	-636.3	-0.34	0.501	1
Rv2034	-	1	1	55.9	104.3	48.4	0.9	1	1
Rv2035	-	7	6	1848.2	1358.5	-489.7	-0.44	0.6686	1
Rv2036	-	6	4	1223.3	6823.3	5600	2.48	0.4077	1
Rv2037c	-	13	10	1247.6	1767.3	519.7	0.5	0.4216	1
Rv2038c	-	14	5	1548.7	460.2	-1088.5	-1.75	0.3023	1
Rv2039c	-	12	6	420.7	997.7	577.1	1.25	0.3415	1
Rv2040c	-	14	5	731.3	393.1	-338.2	-0.9	0.4891	1
Rv2041c	-	18	13	2720.8	1975	-745.8	-0.46	0.5234	1
Rv2042c	-	14	9	1268	1175.6	-92.4	-0.11	0.8865	1
Rv2043c	pncA	9	8	3057.9	1584.2	-1473.7	-0.95	0.2293	1
Rv2044c	-	6	4	1047.1	651.4	-395.6	-0.68	0.3347	1
Rv2045c	lipT	23	18	8264.1	5862.1	-2402	-0.5	0.494	1
Rv2046	lppI	9	7	6270	3389.1	-2880.9	-0.89	0.0838	1
Rv2047c	-	23	21	3659.4	1566.4	-2093	-1.22	0.0188	0.9595
Rv2048c	pks12	108	47	16313.6	9604.1	-6709.5	-0.76	0.1005	1
Rv2049c	-	1	1	38	345.7	307.7	3.19	0.6706	1
Rv2050	-	3	0	0	0	0	0	1	1
Rv2051c	ppm1	28	9	924.2	947.1	22.9	0.04	0.9817	1
Rv2052c	-	17	14	10038.1	12119.2	2081.2	0.27	0.6791	1
Rv2053c	fxsA	3	3	6483.9	18265.1	11781.3	1.49	0.4226	1
Rv2054	-	14	13	57134.1	55002	-2132.1	-0.05	0.9361	1
Rv2055c	rpsR	3	2	330	26.4	-303.7	-3.65	0.1442	1
Rv2056c	rpsN	2	2	748.3	469.8	-278.5	-0.67	0.5395	1
Rv2057c	rpmG	4	4	2503.9	5293.6	2789.6	1.08	0.3833	1
Rv2058c	rpmB	5	4	5709.5	3158.3	-2551.2	-0.85	0.0988	1
Rv2059	-	16	14	21679.3	21485.3	-194	-0.01	0.9871	1
Rv2060	-	2	2	12016.4	12068.7	52.3	0.01	0.982	1
Rv2061c	-	4	4	4270	6343.8	2073.9	0.57	0.622	1
Rv2062c	cobN	39	20	5306.9	4661.8	-645.2	-0.19	0.7264	1
Rv2063	-	1	0	0	0	0	0	1	1
Rv2064	cobG	7	1	193.4	28.8	-164.6	-2.75	0.6702	1
Rv2065	cobH	4	3	1060.6	288	-772.6	-1.88	0.0726	1
Rv2066	cobI	17	13	25169.4	25575.9	406.5	0.02	0.967	1
Rv2067c	-	26	18	5308.2	3822.9	-1485.3	-0.47	0.3101	1
Rv2068c	blaC	11	11	11451.7	8462	-2989.8	-0.44	0.408	1
Rv2069	sigC	8	7	818.5	2331.6	1513.1	1.51	0.28	1
Rv2070c	cobK	14	8	16636	17056.5	420.5	0.04	0.9621	1
Rv2071c	cobM	11	6	3508.8	6866.5	3357.7	0.97	0.3977	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2072c	cobL	9	8	2686.5	4097.1	1410.6	0.61	0.9186	1
Rv2073c	-	8	7	6773.8	3994.7	-2779.1	-0.76	0.3552	1
Rv2074	-	5	3	1468.1	1097.1	-370.9	-0.42	0.6189	1
Rv2075c	-	18	16	13989.1	9787.4	-4201.7	-0.52	0.2453	1
Rv2076c	-	5	5	643.3	575.6	-67.7	-0.16	0.8578	1
Rv2077A	-	5	4	1022	1127.6	105.6	0.14	0.9263	1
Rv2077c	-	17	16	30117.2	30876	758.7	0.04	0.9553	1
Rv2078	-	2	2	591.9	2982	2390.1	2.33	0.6303	1
Rv2079	-	26	13	11036.3	12937.1	1900.8	0.23	0.8823	1
Rv2080	lppJ	8	8	13653.4	10134.7	-3518.7	-0.43	0.6189	1
Rv2081c	-	5	5	7847.5	6091.4	-1756.1	-0.37	0.5511	1
Rv2082	-	24	20	10293.9	11276.3	982.4	0.13	0.7817	1
Rv2083	-	3	3	2776.7	2526.1	-250.7	-0.14	0.9552	1
Rv2084	-	20	15	7073.4	7828	754.6	0.15	0.6984	1
Rv2085	-	2	0	0	0	0	0	1	1
Rv2086	-	8	5	2570.6	2054.6	-516	-0.32	0.6815	1
Rv2087	-	3	1	275.2	152.6	-122.7	-0.85	0.33	1
Rv2088	pknJ	19	13	1180.5	1545.7	365.2	0.39	0.7189	1
Rv2089c	pepE	16	7	1381.2	596.3	-784.9	-1.21	0.1575	1
Rv2090	-	12	9	4079.3	3361.8	-717.5	-0.28	0.7382	1
Rv2091c	-	16	14	3998.9	1886.8	-2112.1	-1.08	0.0379	1
Rv2092c	helY	31	23	30599.4	29875.7	-723.6	-0.03	0.9519	1
Rv2093c	tatC	9	0	0	0	0	0	1	1
Rv2094c	tatA	2	0	0	0	0	0	1	1
Rv2095c	-	12	10	4214.2	3001.7	-1212.5	-0.49	0.4507	1
Rv2096c	-	11	6	829	775.4	-53.5	-0.1	0.9123	1
Rv2097c	-	16	6	605.7	24	-581.7	-4.66	0.0402	1
Rv2100	-	13	11	3090.8	2430.1	-660.7	-0.35	0.6434	1
Rv2101	helZ	24	19	32215.3	23435.3	-8780	-0.46	0.367	1
Rv2102	-	10	10	8580.4	4869.9	-3710.5	-0.82	0.0862	1
Rv2103c	-	4	3	16563.3	14561.9	-2001.4	-0.19	0.8891	1
Rv2104c	-	0	0	0	0	0	0	1	1
Rv2105	-	3	3	2773.9	2350.5	-423.5	-0.24	0.5791	1
Rv2106	-	17	16	9276.9	12199.8	2922.8	0.4	0.4866	1
Rv2107	PE22	8	8	1198	1025.1	-172.9	-0.22	0.7968	1
Rv2108	PPE36	16	16	21466.4	28786.2	7319.8	0.42	0.3777	1
Rv2109c	prcA	15	0	0	0	0	0	1	1
Rv2110c	prcB	14	0	0	0	0	0	1	1
Rv2111c	-	1	0	0	0	0	0	1	1
Rv2112c	-	23	9	285.4	0	-285.4	-7.16	0.0004	0.0887
Rv2113	-	7	7	13286	15095.9	1809.9	0.18	0.8489	1
Rv2114	-	8	7	23719.9	23915.6	195.7	0.01	0.9876	1
Rv2115c	-	17	10	298.6	0	-298.6	-7.22	0	0
Rv2116	lppK	2	2	1938.1	980.9	-957.2	-0.98	0.612	1
Rv2117	-	2	2	772	157	-615	-2.3	0.0742	1
Rv2118c	-	10	9	22762.7	16781.1	-5981.6	-0.44	0.503	1
Rv2119	-	17	15	10688.3	10883.1	194.8	0.03	0.9626	1
Rv2120c	-	6	3	1489.6	1360.4	-129.2	-0.13	0.8758	1
Rv2121c	hisG	6	0	0	0	0	0	1	1
Rv2122c	hisE	2	0	0	0	0	0	1	1
Rv2123	PPE37	20	13	6699.8	7347.5	647.7	0.13	0.836	1
Rv2124c	metH	31	18	4503	19266.8	14763.7	2.1	0.2502	1
Rv2125	-	8	7	6003.7	2783.7	-3220	-1.11	0.1353	1
Rv2126c	PE_PGRS37	3	2	865.9	358.2	-507.8	-1.27	0.2992	1
Rv2127	ansP1	18	17	75513.2	54927.9	-20585.3	-0.46	0.6699	1
Rv2128	-	6	6	3369.3	3497.5	128.2	0.05	0.9208	1
Rv2129c	-	10	8	7492.6	4863.2	-2629.3	-0.62	0.3886	1
Rv2130c	cysS	16	0	0	0	0	0	1	1
Rv2131c	cysQ	8	8	4056.6	284.7	-3771.9	-3.83	0	0
Rv2132	-	2	2	10429.5	10264.1	-165.3	-0.02	1	1
Rv2133c	-	8	8	3605.7	5390.1	1784.4	0.58	0.9288	1
Rv2134c	-	5	3	153.5	205.3	51.8	0.42	0.6355	1
Rv2135c	-	4	1	106.1	0	-106.1	-5.73	1	1
Rv2136c	uppP	11	8	17906.8	20022.3	2115.5	0.16	0.8197	1
Rv2137c	-	6	5	2473.1	4472.1	1999	0.85	0.4343	1
Rv2138	lppL	13	1	1	0	-1	1	1	1
Rv2139	pyrD	8	0	0	0	0	0	1	1
Rv2140c	TB18.6	8	5	1228.8	1041.8	-187	-0.24	0.7938	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2141c	-	14	12	8227.1	5638.9	-2588.2	-0.54	0.2658	1
Rv2142c	-	10	7	18481.8	21066.2	2584.4	0.19	0.6941	1
Rv2143	-	11	11	10784.1	7115.3	-3668.9	-0.6	0.3434	1
Rv2144c	-	4	4	390.7	440.2	49.5	0.17	0.8267	1
Rv2145c	wag31	7	0	0	0	0	0	1	1
Rv2146c	-	1	1	1798.9	1169	-629.9	-0.62	0.6656	1
Rv2147c	-	9	0	0	0	0	0	1	1
Rv2148c	-	3	3	2140.4	2393.5	253	0.16	0.8766	1
Rv2149c	yfiH	5	4	7861.4	7046.4	-815	-0.16	0.8792	1
Rv2150c	ftsZ	6	0	0	0	0	0	1	1
Rv2151c	ftsQ	4	0	0	0	0	0	1	1
Rv2152c	murC	13	0	0	0	0	0	1	1
Rv2153c	murG	12	1	1	0	-1	1	1	1
Rv2154c	ftsW	13	1	19497.5	25826.6	6329.1	0.41	1	1
Rv2155c	murD	14	0	0	0	0	0	1	1
Rv2156c	mraY	5	0	0	0	0	0	1	1
Rv2157c	murF	7	0	0	0	0	0	1	1
Rv2158c	murE	10	0	0	0	0	0	1	1
Rv2159c	-	4	4	5479.8	3762.3	-1717.6	-0.54	0.3278	1
Rv2160A	-	3	2	1081.8	1731	649.2	0.68	0.6846	1
Rv2160c	-	2	1	23.6	87.8	64.2	1.89	0.3335	1
Rv2161c	-	6	5	55551.7	28875.7	-26676	-0.94	0.4774	1
Rv2162c	PE_PGRS38	10	8	520.1	710.9	190.8	0.45	0.5259	1
Rv2163c	pbpB	28	0	0	0	0	0	1	1
Rv2164c	-	9	0	0	0	0	0	1	1
Rv2165c	mraW	14	1	3	0	-3	-0.58	1	1
Rv2166c	-	7	0	0	0	0	0	1	1
Rv2167c	-	21	21	17494	17835.3	341.3	0.03	0.9554	1
Rv2168c	-	3	3	2640.3	1556.5	-1083.8	-0.76	0.5482	1
Rv2169c	-	4	0	0	0	0	0	1	1
Rv2170	-	10	4	617.5	175	-442.5	-1.82	0.1888	1
Rv2171	lppM	8	6	454.9	67.1	-387.8	-2.76	0.0131	0.8354
Rv2172c	-	12	0	0	0	0	0	1	1
Rv2173	idsA2	15	9	16604	17123.3	519.3	0.04	0.9693	1
Rv2174	-	18	0	0	0	0	0	1	1
Rv2175c	-	4	3	2793.6	3512.1	718.5	0.33	0.515	1
Rv2176	pknL	20	15	7322.7	6705.8	-616.9	-0.13	0.8549	1
Rv2177c	-	5	4	1390.3	2081.7	691.3	0.58	0.6124	1
Rv2178c	aroG	15	0	0	0	0	0	1	1
Rv2179c	-	2	0	0	0	0	0	1	1
Rv2180c	-	8	7	3413.3	6615.7	3202.4	0.95	0.4245	1
Rv2181	-	16	15	40078.4	18066.9	-22011.5	-1.15	0.0479	1
Rv2182c	-	13	1	1.8	0	-1.8	0.13	1	1
Rv2183c	-	4	3	4450	1410.8	-3039.2	-1.66	0.3407	1
Rv2184c	-	13	12	15452.2	11015.9	-4436.3	-0.49	0.5418	1
Rv2185c	TB16.3	11	9	13100.6	7372.1	-5728.4	-0.83	0.4456	1
Rv2186c	-	7	0	0	0	0	0	1	1
Rv2187	fadD15	29	26	15550.5	25401.9	9851.4	0.71	0.2208	1
Rv2188c	-	13	2	1	198.8	197.8	7.64	1	1
Rv2189c	-	10	5	4208.4	6841.5	2633.1	0.7	0.6769	1
Rv2190c	-	15	1	45	0	-45	-4.49	1	1
Rv2191	-	24	18	20764.9	35638.8	14873.9	0.78	0.2796	1
Rv2192c	trpD	7	0	0	0	0	0	1	1
Rv2193	ctaE	11	0	0	0	0	0	1	1
Rv2194	qcrC	8	1	1	0	-1	1	1	1
Rv2195	qcrA	17	1	26.3	18	-8.3	-0.55	0.669	1
Rv2196	qcrB	25	2	5.5	0	-5.5	-1.46	0.4346	1
Rv2197c	-	9	7	7638.4	6169.8	-1468.6	-0.31	0.7156	1
Rv2198c	mmpS3	12	2	14.6	0	-14.6	-2.87	0.4283	1
Rv2199c	-	6	3	1927.5	1162.8	-764.8	-0.73	0.3944	1
Rv2200c	ctaC	17	2	2.8	0	-2.8	-0.5	0.4365	1
Rv2201	asnB	22	0	0	0	0	0	1	1
Rv2202c	cbhK	13	0	0	0	0	0	1	1
Rv2203	-	12	10	3695.8	5452	1756.2	0.56	0.4861	1
Rv2204c	-	4	0	0	0	0	0	1	1
Rv2205c	-	8	6	11356.9	13021.1	1664.2	0.2	0.8609	1
Rv2206	-	6	4	15573.3	4980.3	-10593	-1.64	0.2188	1
Rv2207	cobT	8	3	58.7	0	-58.7	-4.88	0.0569	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2208	cobS	8	5	1798	1108.9	-689.1	-0.7	0.4709	1
Rv2209	-	18	16	13042.7	10554.4	-2488.2	-0.31	0.5142	1
Rv2210c	ilvE	15	1	1.8	0	-1.8	0.13	1	1
Rv2211c	gcvT	15	2	2	0	-2	0	0.4245	1
Rv2212	-	8	6	77492.3	92950.2	15457.9	0.26	0.7817	1
Rv2213	pepB	11	6	3063.6	3769.8	706.2	0.3	0.7401	1
Rv2214c	ephD	23	19	15930.9	4832.2	-11098.7	-1.72	0.0851	1
Rv2215	dlaT	10	0	0	0	0	0	1	1
Rv2216	-	8	7	2230.9	4059.9	1829	0.86	0.6796	1
Rv2217	lipB	7	0	0	0	0	0	1	1
Rv2218	lipA	8	0	0	0	0	0	1	1
Rv2219	-	6	0	0	0	0	0	1	1
Rv2219A	-	1	1	27.4	0	-27.4	-3.78	1	1
Rv2220	glnA1	21	1	1.8	0	-1.8	0.13	1	1
Rv2221c	glnE	31	1	7	0	-7	-1.81	1	1
Rv2222c	glnA2	14	13	2633.7	1735.9	-897.8	-0.6	0.2676	1
Rv2223c	-	26	23	42821.1	47544.1	4723	0.15	0.8008	1
Rv2224c	-	21	13	2265	87.8	-2177.1	-4.69	0.0003	0.0748
Rv2225	panB	7	7	19949.7	19104.1	-845.7	-0.06	0.9289	1
Rv2226	-	17	11	13508.6	14824	1315.3	0.13	0.8929	1
Rv2227	-	15	8	1476.2	2748.2	1271.9	0.9	0.6502	1
Rv2228c	-	12	1	1.8	0	-1.8	0.13	1	1
Rv2229c	-	2	0	0	0	0	0	1	1
Rv2230c	-	12	7	1061.2	271.9	-789.3	-1.96	0.0692	1
Rv2231c	cobC	11	10	1010.7	890.6	-120.1	-0.18	0.8317	1
Rv2232	-	8	6	3090.4	2886.8	-203.6	-0.1	0.95	1
Rv2234	ptpA	7	6	391.8	721.4	329.7	0.88	0.6286	1
Rv2235	-	12	0	0	0	0	0	1	1
Rv2236c	cobD	8	3	261.4	301.9	40.5	0.21	0.8895	1
Rv2237	-	12	10	3738.2	4597.9	859.7	0.3	0.6986	1
Rv2238c	ahpE	3	1	4	7.2	3.2	0.85	1	1
Rv2239c	-	3	1	40.2	0	-40.2	-4.33	1	1
Rv2240c	-	6	6	8807.8	11571.3	2763.5	0.39	0.6849	1
Rv2241	aceE	48	26	1323.6	68.7	-1255	-4.27	0.0001	0.0363
Rv2242	-	10	0	0	0	0	0	1	1
Rv2243	fabD	3	0	0	0	0	0	1	1
Rv2244	acpP	6	0	0	0	0	0	1	1
Rv2245	kasA	9	0	0	0	0	0	1	1
Rv2246	kasB	11	1	1	0	-1	1	1	1
Rv2247	accD6	11	1	0	1.2	1.2	-0.74	1	1
Rv2248	-	11	8	1521.5	1108.3	-413.2	-0.46	0.5147	1
Rv2249c	glpD1	14	6	1967.5	579.2	-1388.3	-1.76	0.1698	1
Rv2250A	-	2	1	13.1	8.4	-4.8	-0.65	0.6648	1
Rv2250c	-	6	5	42961.6	47557.5	4596	0.15	0.8992	1
Rv2251	-	6	3	647.7	697.9	50.2	0.11	0.9573	1
Rv2252	-	14	6	990.4	257.7	-732.7	-1.94	0.1304	1
Rv2253	-	8	5	1723.6	1967.5	243.9	0.19	0.7881	1
Rv2254c	-	5	4	1345.8	2826	1480.2	1.07	0.6407	1
Rv2255c	-	1	1	119.9	170.2	50.3	0.5	1	1
Rv2256c	-	5	0	0	0	0	0	1	1
Rv2257c	-	5	4	228.3	210.4	-17.9	-0.12	0.9487	1
Rv2258c	-	11	10	6677.6	3871.8	-2805.8	-0.79	0.3779	1
Rv2259	adhE2	11	6	281.3	49.1	-232.2	-2.52	0.1338	1
Rv2260	-	3	3	663.1	837.1	173.9	0.34	0.7101	1
Rv2261c	-	3	3	2208.3	1520.7	-687.6	-0.54	0.4984	1
Rv2262c	-	11	10	7399.7	11815.7	4415.9	0.68	0.67	1
Rv2263	-	8	7	5773.8	3601.4	-2172.3	-0.68	0.2554	1
Rv2264c	-	19	15	7579.2	2216.3	-5362.8	-1.77	0.0254	1
Rv2265	-	11	10	3455.2	8835	5379.9	1.35	0.3786	1
Rv2266	cyp124	13	11	4063.9	3718.7	-345.2	-0.13	0.8107	1
Rv2267c	-	31	23	8936.6	14659.9	5723.3	0.71	0.2487	1
Rv2268c	cyp128	22	10	1739	836.4	-902.6	-1.06	0.1232	1
Rv2269c	-	9	7	1721	2320.2	599.2	0.43	0.8262	1
Rv2270	lppN	9	6	4263.9	4285.8	21.9	0.01	0.9921	1
Rv2271	-	3	3	5030	4969.2	-60.9	-0.02	0.8594	1
Rv2272	-	3	1	215.8	112.7	-103.2	-0.94	1	1
Rv2273	-	4	3	1517.8	995.9	-522	-0.61	0.523	1
Rv2274c	-	6	4	1495.3	659.1	-836.2	-1.18	0.2653	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2275	-	13	9	818.9	402.7	-416.3	-1.02	0.2394	1
Rv2276	cyp121	16	10	2275.8	1160.8	-1115.1	-0.97	0.177	1
Rv2277c	-	9	6	700.9	526	-174.9	-0.41	0.5357	1
Rv2278	-	3	3	2710.9	1916.9	-794	-0.5	0.5835	1
Rv2279	-	17	17	9398.1	10946	1547.9	0.22	0.6901	1
Rv2280	-	15	11	2520.3	2576.6	56.3	0.03	0.97	1
Rv2281	pitB	20	15	5489.5	6417.7	928.2	0.23	0.7687	1
Rv2282c	-	11	7	216.9	204.8	-12.1	-0.08	0.904	1
Rv2283	-	1	1	146	142.1	-3.9	-0.04	0.671	1
Rv2284	lipM	21	13	2902.3	3933.9	1031.6	0.44	0.4952	1
Rv2285	-	17	13	15192.1	15091	-101.1	-0.01	0.9899	1
Rv2286c	-	7	6	13570	9381.4	-4188.6	-0.53	0.5931	1
Rv2287	yjcE	14	12	5807.4	6312.2	504.8	0.12	0.8721	1
Rv2288	-	4	4	314.3	195.3	-119	-0.69	0.4414	1
Rv2289	cdh	19	14	16798.5	19232.5	2434	0.2	0.7594	1
Rv2290	lppO	10	7	2452.9	3036	583	0.31	0.7299	1
Rv2291	sseB	15	13	46054	43354.5	-2699.5	-0.09	0.9281	1
Rv2292c	-	2	2	394.1	138.5	-255.6	-1.51	0.6835	1
Rv2293c	-	11	11	8599	12482.8	3883.8	0.54	0.929	1
Rv2294	-	17	16	19873.5	18013.3	-1860.2	-0.14	0.8147	1
Rv2295	-	8	8	8723.8	10226.4	1502.6	0.23	0.7794	1
Rv2296	-	13	11	25104.7	30248.2	5143.5	0.27	0.7455	1
Rv2297	-	7	3	2368.9	9627.7	7258.9	2.02	0.7539	1
Rv2298	-	15	14	8931.9	6053.8	-2878.2	-0.56	0.2416	1
Rv2299c	htpG	22	18	6850.9	4576.2	-2274.7	-0.58	0.2818	1
Rv2300c	-	11	8	8564.7	9776.8	1212.1	0.19	0.8045	1
Rv2301	cut2	8	7	3358.3	3821.7	463.5	0.19	0.8054	1
Rv2302	-	4	4	3981.4	2620.2	-1361.1	-0.6	0.617	1
Rv2303c	-	13	11	8688.1	7367.9	-1320.2	-0.24	0.7545	1
Rv2304c	-	0	0	0	0	0	0	1	1
Rv2305	-	8	8	4557.8	6250.3	1692.5	0.46	0.4835	1
Rv2306A	-	6	5	26951.2	45508.2	18557	0.76	0.5981	1
Rv2306B	-	5	4	1366.3	844.7	-521.6	-0.69	0.4385	1
Rv2307A	-	2	2	6431.2	7741.9	1310.7	0.27	0.8238	1
Rv2307B	-	20	9	1728.7	1613.1	-115.5	-0.1	0.9053	1
Rv2307c	-	15	12	14498.4	24527.4	10029	0.76	0.751	1
Rv2307D	-	5	4	1970.7	1867.5	-103.3	-0.08	0.9477	1
Rv2308	-	13	12	24243.7	27765.5	3521.7	0.2	0.7903	1
Rv2309A	-	10	8	3173.8	1807.9	-1365.9	-0.81	0.3675	1
Rv2309c	-	6	6	7078.2	7157.2	79	0.02	0.9788	1
Rv2310	-	2	1	1252.2	366.6	-885.6	-1.77	0.3337	1
Rv2311	-	7	7	10398.1	14236.2	3838.1	0.45	0.6951	1
Rv2312	-	2	2	994.8	1020.1	25.4	0.04	0.924	1
Rv2313c	-	7	7	13079.9	16776.3	3696.4	0.36	0.6249	1
Rv2314c	-	12	6	2171.5	1563.5	-608	-0.47	0.401	1
Rv2315c	-	27	13	2501.9	9972.9	7470.9	1.99	0.4402	1
Rv2316	uspA	9	6	3086.2	2536.1	-550.1	-0.28	0.6973	1
Rv2317	uspB	11	5	12593.7	12430.6	-163.1	-0.02	0.9334	1
Rv2318	uspC	26	13	4404.2	5077.3	673.1	0.21	0.8326	1
Rv2319c	-	11	6	2628.3	2378.2	-250.1	-0.14	0.9135	1
Rv2320c	rocE	23	21	13946	11756.7	-2189.3	-0.25	0.7418	1
Rv2321c	rocD2	5	4	1023.5	1067.7	44.2	0.06	0.9508	1
Rv2322c	rocD1	6	1	131.7	0	-131.7	-6.04	1	1
Rv2323c	-	14	10	1987.5	3116.8	1129.3	0.65	0.4817	1
Rv2324	-	2	2	330.2	28.8	-301.5	-3.52	0.048	1
Rv2325c	-	4	2	721.1	109.1	-612	-2.73	0.4267	1
Rv2326c	-	19	12	3012.7	4106.1	1093.5	0.45	0.5268	1
Rv2327	-	4	3	217.3	138.5	-78.8	-0.65	0.6551	1
Rv2328	PE23	9	7	1783.6	942	-841.6	-0.92	0.2394	1
Rv2329c	narK1	24	23	17409	18905.6	1496.7	0.12	0.8482	1
Rv2330c	lppP	6	4	3724.6	4948.2	1223.6	0.41	0.8066	1
Rv2331	-	2	2	111.6	84.2	-27.3	-0.41	1	1
Rv2331A	-	3	2	1469.4	3343.1	1873.7	1.19	0.5669	1
Rv2332	mez	23	21	74662.7	88295.5	13632.9	0.24	0.7796	1
Rv2333c	-	12	11	6360.1	6676.2	316.1	0.07	0.9031	1
Rv2334	cysK1	11	2	8	0	-8	-2	0.4363	1
Rv2335	cysE	5	1	44.9	0	-44.9	-4.49	0.3392	1
Rv2336	-	22	18	6102.3	6845.2	742.9	0.17	0.7965	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2337c	-	5	5	8438	4333.2	-4104.8	-0.96	0.3704	1
Rv2338c	moeW	31	14	3203.3	2378.6	-824.7	-0.43	0.6327	1
Rv2339	mmpL9	65	39	22807.4	18600.2	-4207.1	-0.29	0.5428	1
Rv2340c	PE_PGRS39	9	7	6549.2	6406	-143.2	-0.03	0.9589	1
Rv2341	lppQ	1	1	1720.6	1680	-40.7	-0.03	1	1
Rv2342	-	3	2	62.9	0	-62.9	-4.97	0.1433	1
Rv2343c	dnaG	17	0	0	0	0	0	1	1
Rv2344c	dgt	20	13	4119.1	3088.8	-1030.3	-0.42	0.5439	1
Rv2345	-	23	23	41648.5	47180.8	5532.4	0.18	0.6511	1
Rv2346c	esxO	2	2	2748.2	3477.2	728.9	0.34	0.6711	1
Rv2347c	esxP	2	2	874	1610.3	736.4	0.88	0.3805	1
Rv2348c	-	2	2	1696.6	2372.2	675.6	0.48	0.6455	1
Rv2349c	plcC	18	15	25699.6	30756.5	5056.9	0.26	0.5852	1
Rv2350c	plcB	16	16	164174.9	166145.2	1970.3	0.02	0.9747	1
Rv2351c	plcA	21	17	35892.6	35120	-772.6	-0.03	0.9655	1
Rv2352c	PPE38	13	13	31404.1	40833.4	9429.2	0.38	0.5887	1
Rv2353c	PPE39	18	11	2217.2	1206.3	-1010.9	-0.88	0.3274	1
Rv2354	-	3	3	2792.9	1762.4	-1030.4	-0.66	0.5565	1
Rv2355	-	17	17	9207.2	12448.9	3241.7	0.44	0.4295	1
Rv2356c	PPE40	23	19	33728.1	32945.2	-782.9	-0.03	0.9632	1
Rv2357c	glyS	25	0	0	0	0	0	1	1
Rv2358	-	3	1	3.7	36	32.3	3.3	1	1
Rv2359	furB	5	1	0	4.8	4.8	1.26	1	1
Rv2360c	-	4	3	1491.3	1898.8	407.5	0.35	0.7449	1
Rv2361c	-	12	0	0	0	0	0	1	1
Rv2362c	recO	8	2	9	0	-9	-2.17	0.4261	1
Rv2363	amiA2	17	8	961.3	1152.3	191	0.26	0.8018	1
Rv2364c	era	14	0	0	0	0	0	1	1
Rv2365c	-	1	1	574.4	778.3	204	0.44	0.3387	1
Rv2366c	-	14	7	2822.9	2494.1	-328.8	-0.18	0.8685	1
Rv2367c	-	5	2	437.6	20.4	-417.2	-4.42	0.0309	1
Rv2368c	phoH1	16	15	15816.6	14440.7	-1375.9	-0.13	0.8569	1
Rv2369c	-	3	2	1489.4	613.6	-875.8	-1.28	0.168	1
Rv2370c	-	14	12	5456.9	5072	-384.9	-0.11	0.8862	1
Rv2371	PE_PGRS40	1	0	0	0	0	0	1	1
Rv2372c	-	3	2	9872.9	7073.9	-2799	-0.48	0.493	1
Rv2373c	dnaJ2	6	0	0	0	0	0	1	1
Rv2374c	hrcA	18	15	19247	6596.1	-12650.9	-1.54	0.1825	1
Rv2375	-	7	7	2686.6	1073.5	-1613.1	-1.32	0.0202	0.9595
Rv2376c	cfp2	1	1	1112.5	471.3	-641.2	-1.24	0.6719	1
Rv2377c	mbtH	2	1	129.7	1258.8	1129	3.28	0.3339	1
Rv2378c	mbtG	7	6	128.6	2888.3	2759.6	4.49	0.0089	0.7102
Rv2379c	mbtF	48	30	3586.9	24779.2	21192.2	2.79	0.0529	1
Rv2380c	mbtE	63	41	10255.2	60185.6	49930.4	2.55	0.0134	0.8354
Rv2381c	mbtD	32	13	395.1	478	83	0.27	0.7366	1
Rv2382c	mbtC	14	6	249.1	473.4	224.3	0.93	0.4847	1
Rv2383c	mbtB	34	23	4401.5	17622	13220.4	2	0.079	1
Rv2384	mbtA	15	10	237.4	4538.3	4300.9	4.26	0.0024	0.2992
Rv2385	mbtJ	16	12	17817.3	15641.2	-2176.1	-0.19	0.831	1
Rv2386c	mbtI	11	1	1	0	-1	1	1	1
Rv2387	-	17	16	7716.2	10528.7	2812.5	0.45	0.5559	1
Rv2388c	hemN	14	9	6392.8	13240.3	6847.5	1.05	0.3212	1
Rv2389c	rpfD	6	5	17163.5	22159.7	4996.2	0.37	0.5819	1
Rv2390c	-	4	4	20712.4	27001.3	6288.9	0.38	0.449	1
Rv2391	nirA	17	1	0	66.3	66.3	5.05	1	1
Rv2392	cysH	10	0	0	0	0	0	1	1
Rv2393	-	3	0	0	0	0	0	1	1
Rv2394	ggtB	27	21	24113.6	21047.8	-3065.7	-0.2	0.6839	1
Rv2395	-	26	23	17204	15885.9	-1318	-0.11	0.8002	1
Rv2396	PE_PGRS41	9	9	13767.7	20866.9	7099.2	0.6	0.4915	1
Rv2397c	cysA1	10	0	0	0	0	0	1	1
Rv2398c	cysW	11	1	3	0	-3	-0.58	1	1
Rv2399c	cysT	9	1	3.7	0	-3.7	-0.87	1	1
Rv2400c	subI	13	1	54.9	0	-54.9	-4.78	1	1
Rv2401	-	3	2	1204.8	1141.1	-63.7	-0.08	1	1
Rv2401A	-	1	0	0	0	0	0	1	1
Rv2402	-	23	20	18081.2	20137.3	2056.1	0.16	0.8224	1
Rv2403c	lppR	6	4	1634.2	741.3	-892.9	-1.14	0.2004	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2404c	lepA	22	17	1549.6	1221.5	-328.1	-0.34	0.7534	1
Rv2405	-	5	4	4504.1	3747.9	-756.2	-0.27	0.7633	1
Rv2406c	-	7	6	10405.1	9917	-488	-0.07	0.9093	1
Rv2407	-	7	5	2187.2	1057.3	-1129.8	-1.05	0.2442	1
Rv2408	PE24	9	8	7116.3	8239.6	1123.3	0.21	0.8005	1
Rv2409c	-	13	10	2650	6442.6	3792.6	1.28	0.1923	1
Rv2410c	-	9	7	1498.5	2574.2	1075.7	0.78	0.4855	1
Rv2411c	-	18	17	32583.2	47841.8	15258.5	0.55	0.606	1
Rv2412	rpsT	1	0	0	0	0	0	1	1
Rv2413c	-	11	0	0	0	0	0	1	1
Rv2414c	-	7	7	2207.6	2647.7	440.1	0.26	0.7919	1
Rv2415c	-	12	10	2535.3	2650	114.8	0.06	0.9438	1
Rv2416c	eis	25	13	2985.9	2238.1	-747.9	-0.42	0.6636	1
Rv2417c	-	9	4	346.6	789.7	443.2	1.19	0.9761	1
Rv2418c	-	14	2	63.6	0	-63.6	-4.99	0.4272	1
Rv2419c	-	5	2	23.9	201.2	177.2	3.07	0.7984	1
Rv2420c	-	4	1	86.6	18	-68.6	-2.27	0.3299	1
Rv2421c	nadD	11	1	0	1.2	1.2	-0.74	1	1
Rv2422	-	3	3	17952.2	10734.5	-7217.7	-0.74	0.5463	1
Rv2423	-	13	12	14537.5	13519.8	-1017.7	-0.1	0.8406	1
Rv2424c	-	6	6	3413.1	4812.9	1399.8	0.5	0.3279	1
Rv2425c	-	14	11	4433.4	4274.8	-158.6	-0.05	0.9549	1
Rv2426c	-	9	8	4264.6	10455.3	6190.7	1.29	0.2393	1
Rv2427c	proA	14	11	4423.8	2399.3	-2024.5	-0.88	0.4173	1
Rv2428	ahpC	6	5	158.4	418.5	260.1	1.4	0.4622	1
Rv2429	ahpD	9	6	1573.4	836.5	-737	-0.91	0.4609	1
Rv2430c	PPE41	6	6	4336.5	6663.2	2326.8	0.62	0.4388	1
Rv2431c	PE25	4	3	1627.7	1535	-92.8	-0.08	0.9121	1
Rv2432c	-	7	4	963.9	992	28.1	0.04	0.9472	1
Rv2433c	-	6	3	1623.1	1478.3	-144.9	-0.13	0.8709	1
Rv2434c	-	19	7	1526	1163.2	-362.9	-0.39	0.7434	1
Rv2435c	-	42	21	7867	7247	-619.9	-0.12	0.8206	1
Rv2436	rbsK	11	5	996.8	1040.2	43.5	0.06	0.9571	1
Rv2437	-	7	4	412.6	1321.2	908.6	1.68	0.5667	1
Rv2438A	-	4	1	3.7	57.5	53.9	3.98	1	1
Rv2438c	nadE	25	0	0	0	0	0	1	1
Rv2439c	proB	10	1	1	0	-1	1	1	1
Rv2440c	obgE	10	0	0	0	0	0	1	1
Rv2441c	rpmA	4	0	0	0	0	0	1	1
Rv2442c	rplU	2	0	0	0	0	0	1	1
Rv2443	dctA	19	18	26976.3	37181.9	10205.6	0.46	0.3939	1
Rv2444c	rne	22	1	925.9	624.9	-300.9	-0.57	1	1
Rv2445c	ndk	3	0	0	0	0	0	1	1
Rv2446c	-	6	5	3246.3	2407.4	-838.9	-0.43	0.527	1
Rv2447c	folC	10	0	0	0	0	0	1	1
Rv2448c	valS	20	0	0	0	0	0	1	1
Rv2449c	-	22	21	14140.6	23258.6	9118	0.72	0.307	1
Rv2450c	rpfE	6	5	3504.8	3108.7	-396.1	-0.17	0.8328	1
Rv2451	-	6	6	1965.4	7856.7	5891.4	2	0.779	1
Rv2452c	-	6	5	2317.7	3487.2	1169.5	0.59	0.4239	1
Rv2453c	mobA	5	5	8699.6	10826.8	2127.2	0.32	0.6938	1
Rv2454c	-	14	0	0	0	0	0	1	1
Rv2455c	-	31	2	15	4.8	-10.2	-1.65	1	1
Rv2456c	-	17	14	17391.1	17737.7	346.6	0.03	0.9665	1
Rv2457c	clpX	13	0	0	0	0	0	1	1
Rv2458	mmuM	14	12	21692.9	19351.2	-2341.8	-0.16	0.7936	1
Rv2459	-	17	16	15901.8	17742.1	1840.4	0.16	0.7697	1
Rv2460c	clpP2	7	0	0	0	0	0	1	1
Rv2461c	clpP	8	1	2	0	-2	0	1	1
Rv2462c	tig	15	14	5658.5	1987.7	-3670.7	-1.51	0.075	1
Rv2463	lipP	14	12	29166.4	18295.9	-10870.4	-0.67	0.5526	1
Rv2464c	-	10	8	4036.2	4840.1	803.9	0.26	0.7225	1
Rv2465c	-	5	0	0	0	0	0	1	1
Rv2466c	-	9	7	33176.9	27030.2	-6146.7	-0.3	0.8096	1
Rv2467	pepN	31	21	2899.2	5653.4	2754.1	0.96	0.2559	1
Rv2468c	-	5	5	5606.8	4003.5	-1603.3	-0.49	0.5172	1
Rv2469c	-	7	7	5431.6	5554.4	122.7	0.03	0.9815	1
Rv2470	glbO	7	3	56	57.5	1.5	0.04	0.9674	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2471	aglA	13	8	6365.4	6706.2	340.8	0.08	0.9292	1
Rv2472	-	5	4	7060.5	5736.2	-1324.3	-0.3	0.685	1
Rv2473	-	12	8	3395.2	5577.6	2182.4	0.72	0.6151	1
Rv2474c	-	9	3	356.7	1233.2	876.5	1.79	0.7234	1
Rv2475c	-	7	3	163.8	292.6	128.8	0.84	0.6476	1
Rv2476c	gdh	44	12	233.9	16.8	-217.2	-3.8	0.0015	0.2137
Rv2477c	-	21	0	0	0	0	0	1	1
Rv2478c	-	5	4	3748.2	3290	-458.2	-0.19	0.8045	1
Rv2479c	-	21	21	17582	16008.9	-1573	-0.14	0.789	1
Rv2480c	-	3	3	2599.4	1910.9	-688.5	-0.44	0.5955	1
Rv2481c	-	2	2	2331.8	1725.1	-606.7	-0.43	0.78	1
Rv2482c	plsB2	33	21	10138	11765.8	1627.8	0.21	0.726	1
Rv2483c	plsC	19	11	3155.7	2504.5	-651.3	-0.33	0.5493	1
Rv2484c	-	20	13	2869.6	2835.5	-34.1	-0.02	0.9838	1
Rv2485c	lipQ	18	16	9700.6	11405.8	1705.2	0.23	0.6344	1
Rv2486	echA14	8	8	10309.6	11277.2	967.6	0.13	0.8736	1
Rv2487c	PE_PGRS42	18	11	3538.7	3745.9	207.2	0.08	0.9424	1
Rv2488c	-	33	23	20141.9	24547	4405.1	0.29	0.7132	1
Rv2489c	-	3	3	3368.4	7270.2	3901.8	1.11	0.2154	1
Rv2490c	PE_PGRS43	35	25	4592.8	14669.1	10076.3	1.68	0.2032	1
Rv2491	-	14	9	5290.5	4327.4	-963.1	-0.29	0.815	1
Rv2492	-	23	6	453.2	1239	785.8	1.45	0.2311	1
Rv2493	-	0	0	0	0	0	0	1	1
Rv2494	-	5	4	756.2	3045.2	2289	2.01	0.855	1
Rv2495c	pdhC	11	4	254.5	648.3	393.9	1.35	0.975	1
Rv2496c	pdhB	20	9	6725.6	10575.9	3850.3	0.65	0.5354	1
Rv2497c	pdhA	17	11	12160.5	11562.7	-597.8	-0.07	0.9102	1
Rv2498c	citE	9	4	710.7	372.7	-338	-0.93	0.2811	1
Rv2499c	-	4	1	117.6	30	-87.6	-1.97	0.3416	1
Rv2500c	fadE19	18	4	192.9	25.2	-167.7	-2.94	0.0752	1
Rv2501c	accA1	18	8	3125	2769.7	-355.3	-0.17	0.8257	1
Rv2502c	accD1	23	12	2079.6	2054	-25.6	-0.02	0.9778	1
Rv2503c	scoB	6	1	111.9	81.5	-30.4	-0.46	0.6627	1
Rv2504c	scoA	10	7	9107.6	13283.1	4175.5	0.54	0.6149	1
Rv2505c	fadD35	27	23	8230.9	10297.4	2066.5	0.32	0.6603	1
Rv2506	-	5	4	1634.6	1174.4	-460.2	-0.48	0.5818	1
Rv2507	-	16	0	0	0	0	0	1	1
Rv2508c	-	14	13	4361.6	6944.1	2582.5	0.67	0.6208	1
Rv2509	-	7	0	0	0	0	0	1	1
Rv2510c	-	15	10	1215.5	347.4	-868.1	-1.81	0.0306	1
Rv2511	orn	7	0	0	0	0	0	1	1
Rv2512c	-	13	12	19995.3	17418.1	-2577.1	-0.2	0.7919	1
Rv2513	-	8	7	5902.3	2771.5	-3130.8	-1.09	0.0335	1
Rv2514c	-	5	3	2684.6	997.5	-1687.1	-1.43	0.1266	1
Rv2515c	-	18	13	3032	2394	-638	-0.34	0.5302	1
Rv2516c	-	11	1	0	13.2	13.2	2.72	1	1
Rv2517c	-	7	6	2642.3	3854.8	1212.5	0.54	0.6952	1
Rv2518c	lppS	18	1	1.8	0	-1.8	0.13	1	1
Rv2519	PE26	24	19	3939.4	7208.1	3268.7	0.87	0.1474	1
Rv2520c	-	0	0	0	0	0	0	1	1
Rv2521	bcp	7	6	1376.7	2084.4	707.7	0.6	0.7964	1
Rv2522c	-	16	11	3267.1	3109.5	-157.5	-0.07	0.9227	1
Rv2523c	acpS	4	0	0	0	0	0	1	1
Rv2524c	fas	50	2	3.7	0	-3.7	-0.87	0.4276	1
Rv2525c	-	11	11	16320.2	17019.8	699.6	0.06	0.9358	1
Rv2526	-	0	0	0	0	0	0	1	1
Rv2527	-	7	6	2486.1	3797.7	1311.5	0.61	0.5095	1
Rv2528c	mrr	7	5	1666	413	-1253.1	-2.01	0.0945	1
Rv2529	-	12	5	283.4	340.7	57.3	0.27	0.8993	1
Rv2530A	-	3	2	665.4	578.3	-87.1	-0.2	0.6563	1
Rv2530c	-	3	1	3021.4	3339.4	318	0.14	0.6671	1
Rv2531c	-	38	28	14821.2	11736.7	-3084.5	-0.34	0.4375	1
Rv2532c	-	5	4	2171.5	2487.8	316.3	0.2	0.7631	1
Rv2533c	nusB	3	0	0	0	0	0	1	1
Rv2534c	efp	8	0	0	0	0	0	1	1
Rv2535c	pepQ	14	9	57.1	53.9	-3.2	-0.08	0.9277	1
Rv2536	-	6	5	5922.8	6659.6	736.8	0.17	0.9717	1
Rv2537c	aroD	5	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2538c	aroB	4	1	1	0	-1	1	1	1
Rv2539c	aroK	5	1	1.8	0	-1.8	0.13	1	1
Rv2540c	aroF	7	2	1.8	1.2	-0.6	-0.61	1	1
Rv2541	-	1	1	294.9	421	126.1	0.51	1	1
Rv2542	-	9	7	5530.6	6428.8	898.2	0.22	0.8004	1
Rv2543	lppA	13	10	4147	6869.4	2722.4	0.73	0.39	1
Rv2544	lppB	14	10	1916	2722.5	806.6	0.51	0.5731	1
Rv2545	-	9	8	10900.3	9908.1	-992.2	-0.14	0.8497	1
Rv2546	-	6	4	1792.1	1697.1	-95	-0.08	0.9157	1
Rv2547	-	2	2	167.3	208.5	41.2	0.32	0.9648	1
Rv2548	-	4	2	2924.9	808.2	-2116.7	-1.86	0.1157	1
Rv2549c	-	4	4	6431.8	6563.5	131.7	0.03	0.96	1
Rv2550c	-	2	2	614.5	1169.1	554.6	0.93	0.6548	1
Rv2551c	-	1	1	13845.7	15491.1	1645.4	0.16	0.6642	1
Rv2552c	aroE	3	0	0	0	0	0	1	1
Rv2553c	-	15	0	0	0	0	0	1	1
Rv2554c	-	2	0	0	0	0	0	1	1
Rv2555c	alaS	28	1	2	0	-2	0	1	1
Rv2556c	-	5	2	262.4	81.5	-180.9	-1.69	0.2573	1
Rv2557	-	9	9	10341.4	6825.9	-3515.5	-0.6	0.2882	1
Rv2558	-	4	4	6126.5	3499.2	-2627.4	-0.81	0.3705	1
Rv2559c	-	13	12	9656.7	14724.2	5067.5	0.61	0.6503	1
Rv2560	-	22	17	21241.6	19293.5	-1948.2	-0.14	0.8813	1
Rv2561	-	3	2	3360.5	3141.9	-218.6	-0.1	0.9705	1
Rv2562	-	7	6	5968.9	5678.2	-290.8	-0.07	0.9057	1
Rv2563	-	6	2	256.1	122.2	-133.9	-1.07	0.794	1
Rv2564	glnQ	8	1	97	1.2	-95.8	-6.34	1	1
Rv2565	-	18	14	13189.3	5110.4	-8078.9	-1.37	0.1155	1
Rv2566	-	29	22	9215.8	12639.3	3423.4	0.46	0.6156	1
Rv2567	-	28	15	5543.5	1332.4	-4211.2	-2.06	0.0004	0.0887
Rv2568c	-	17	12	3112.8	2310.8	-802	-0.43	0.5935	1
Rv2569c	-	17	11	18076.4	5336.3	-12740.2	-1.76	0.2408	1
Rv2570	-	3	3	2034.1	2314.2	280.1	0.19	0.8794	1
Rv2571c	-	5	4	4998.7	3488.1	-1510.6	-0.52	0.4848	1
Rv2572c	aspS	18	3	11	0	-11	-2.46	0.1795	1
Rv2573	-	3	3	2241.5	2565	323.5	0.19	0.7848	1
Rv2574	-	3	1	4244.2	1788.3	-2455.9	-1.25	0.3355	1
Rv2575	-	15	12	9905.4	16536.5	6631	0.74	0.6928	1
Rv2576c	-	7	7	3281.7	2605.4	-676.3	-0.33	0.5148	1
Rv2577	-	29	19	17510.1	16954.4	-555.7	-0.05	0.8994	1
Rv2578c	-	15	10	3477.8	4752.2	1274.4	0.45	0.7473	1
Rv2579	dhaA	10	6	21758.1	25583.6	3825.5	0.23	0.7775	1
Rv2580c	hisS	11	0	0	0	0	0	1	1
Rv2581c	-	5	0	0	0	0	0	1	1
Rv2582	ppiB	15	0	0	0	0	0	1	1
Rv2583c	relA	29	11	2112.9	177.4	-1935.6	-3.57	0.02	0.9595
Rv2584c	apt	8	8	4163.3	4665.7	502.5	0.16	0.8336	1
Rv2585c	-	18	14	11745.2	12712.9	967.8	0.11	0.8904	1
Rv2586c	secF	14	0	0	0	0	0	1	1
Rv2587c	secD	21	1	1.8	0	-1.8	0.13	1	1
Rv2588c	yajC	1	1	67.9	4.8	-63.1	-3.82	0.3319	1
Rv2589	gabT	20	17	17052.3	17929.2	877	0.07	0.913	1
Rv2590	fadD9	43	36	48451.7	39069.7	-9382	-0.31	0.3401	1
Rv2591	PE_PGRS44	10	9	21070.5	19446.5	-1624	-0.12	0.8568	1
Rv2592c	ruvB	7	0	0	0	0	0	1	1
Rv2593c	ruvA	5	1	1.8	0	-1.8	0.13	1	1
Rv2594c	ruvC	3	0	0	0	0	0	1	1
Rv2595	-	0	0	0	0	0	0	1	1
Rv2596	-	7	7	7512	10994.3	3482.3	0.55	0.5918	1
Rv2597	-	4	4	9161.1	9703.5	542.4	0.08	0.9016	1
Rv2598	-	3	2	805.3	436.6	-368.7	-0.88	0.4233	1
Rv2599	-	11	10	12638.7	28082.1	15443.5	1.15	0.5675	1
Rv2600	-	6	6	13694.5	28085	14390.4	1.04	0.3374	1
Rv2601	speE	20	20	15883.5	12393.3	-3490.1	-0.36	0.5219	1
Rv2601A	-	2	0	0	0	0	0	1	1
Rv2602	-	5	5	12381.5	11801.4	-580.2	-0.07	0.9158	1
Rv2603c	-	6	0	0	0	0	0	1	1
Rv2604c	-	4	3	2240.8	957.7	-1283	-1.23	0.3649	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2605c	tesB2	6	4	1412.1	1711.9	299.8	0.28	0.7581	1
Rv2606c	-	8	6	1651.8	392.2	-1259.6	-2.07	0.1075	1
Rv2607	pdxH	11	9	13076.3	15177.8	2101.5	0.22	0.7983	1
Rv2608	PPE42	27	26	25607.9	27397.3	1789.4	0.1	0.8372	1
Rv2609c	-	10	6	3077.1	2329.8	-747.2	-0.4	0.6618	1
Rv2610c	pimA	10	0	0	0	0	0	1	1
Rv2611c	-	9	0	0	0	0	0	1	1
Rv2612c	pgsA1	2	0	0	0	0	0	1	1
Rv2613c	-	6	2	53	85.1	32	0.68	0.7145	1
Rv2614A	-	6	5	1309.5	725.3	-584.3	-0.85	0.2875	1
Rv2614c	thrS	22	0	0	0	0	0	1	1
Rv2615c	PE_PGRS45	12	6	1404.5	2699.4	1294.9	0.94	0.3085	1
Rv2616	-	4	3	2795.9	2022.9	-773.1	-0.47	0.7102	1
Rv2617c	-	5	5	4202.2	3571.2	-631	-0.23	0.7748	1
Rv2618	-	7	5	1720.9	1012.4	-708.6	-0.77	0.1481	1
Rv2619c	-	2	2	4081.4	1076.7	-3004.6	-1.92	0.1002	1
Rv2620c	-	4	4	8829.4	4950.9	-3878.6	-0.83	0.4365	1
Rv2621c	-	4	3	360	246.9	-113.1	-0.54	0.6355	1
Rv2622	-	8	4	1123.8	572.3	-551.5	-0.97	0.7823	1
Rv2623	TB31.7	5	5	682.8	699.4	16.6	0.03	0.9699	1
Rv2624c	-	9	6	769.8	1131.4	361.6	0.56	0.6152	1
Rv2625c	-	14	11	2384.8	2430.5	45.8	0.03	0.9718	1
Rv2626c	-	4	2	162.4	47.9	-114.4	-1.76	0.2886	1
Rv2627c	-	16	11	5667.5	3954.5	-1713	-0.52	0.6719	1
Rv2628	-	7	4	12681.7	7695.2	-4986.5	-0.72	0.6096	1
Rv2629	-	15	9	4644	3690.5	-953.5	-0.33	0.6959	1
Rv2630	-	7	3	3125.3	3866.5	741.2	0.31	0.7513	1
Rv2631	-	14	9	8246.9	5883.3	-2363.6	-0.49	0.6254	1
Rv2632c	-	3	2	584.4	253.2	-331.2	-1.21	0.0564	1
Rv2633c	-	8	7	2824.5	4075.9	1251.4	0.53	0.9135	1
Rv2634c	PE_PGRS46	25	13	2784.3	3210.9	426.6	0.21	0.835	1
Rv2635	-	6	4	406.4	147.4	-259	-1.46	0.4788	1
Rv2636	-	10	9	11286	9103.8	-2182.2	-0.31	0.7071	1
Rv2637	dedA	8	6	2658.2	1906.1	-752.1	-0.48	0.6324	1
Rv2638	-	2	2	82.8	282.3	199.5	1.77	0.2493	1
Rv2639c	-	6	5	11106.3	12663.6	1557.3	0.19	0.7959	1
Rv2640c	-	4	4	354.3	67.5	-286.9	-2.39	0.2109	1
Rv2641	cadI	6	6	1850	2375.9	525.9	0.36	0.7603	1
Rv2642	-	4	3	5402.2	4984.6	-417.6	-0.12	0.9117	1
Rv2643	arsC	26	23	8734.4	12121.1	3386.7	0.47	0.4444	1
Rv2644c	-	5	2	580.5	666.5	86	0.2	0.6506	1
Rv2645	-	3	2	208.3	312.6	104.3	0.59	0.7385	1
Rv2646	-	14	12	6458.8	7037.1	578.2	0.12	0.8311	1
Rv2647	-	4	4	472.6	240.9	-231.7	-0.97	0.3664	1
Rv2648	-	3	3	2826.2	2015.5	-810.7	-0.49	0.5964	1
Rv2649	-	18	18	9482.2	10881.8	1399.6	0.2	0.6712	1
Rv2650c	-	8	1	0	282.8	282.8	7.14	1	1
Rv2651c	-	3	0	0	0	0	0	1	1
Rv2652c	-	6	2	3.7	6	2.3	0.71	1	1
Rv2653c	-	3	0	0	0	0	0	1	1
Rv2654c	-	0	0	0	0	0	0	1	1
Rv2655c	-	14	13	5755.5	5765.8	10.3	0	0.9982	1
Rv2656c	-	5	5	2973.8	1358.5	-1615.3	-1.13	0.2975	1
Rv2657c	-	5	4	1362.3	434.9	-927.5	-1.65	0.1577	1
Rv2658c	-	7	6	5029.2	6993.9	1964.7	0.48	0.5594	1
Rv2659c	-	17	14	10137	11634.3	1497.3	0.2	0.845	1
Rv2660c	-	2	1	361.4	456.5	95.1	0.34	0.6643	1
Rv2661c	-	2	2	739.1	354.7	-384.4	-1.06	0.3369	1
Rv2662	-	4	3	5892.7	951.3	-4941.4	-2.63	0.3163	1
Rv2663	-	6	5	3063.3	2868.3	-195	-0.09	0.9003	1
Rv2664	-	0	0	0	0	0	0	1	1
Rv2665	-	2	2	485.1	199.3	-285.8	-1.28	0.1591	1
Rv2666	-	9	8	7962.6	6736	-1226.6	-0.24	0.6575	1
Rv2667	clpC2	4	3	10477.6	5699.5	-4778.1	-0.88	0.6506	1
Rv2668	-	6	6	1581.2	557.5	-1023.7	-1.5	0.1142	1
Rv2669	-	6	2	59.8	115	55.2	0.94	1	1
Rv2670c	-	15	10	2967.6	10718.6	7751	1.85	0.5075	1
Rv2671	ribD	8	5	2817	1486.2	-1330.7	-0.92	0.3741	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2672	-	13	11	9977.8	5867.4	-4110.3	-0.77	0.3421	1
Rv2673	-	20	1	3.7	0	-3.7	-0.87	1	1
Rv2674	-	4	3	8076.9	7114.4	-962.6	-0.18	0.8075	1
Rv2675c	-	13	12	26374.6	32139.3	5764.7	0.29	0.7448	1
Rv2676c	-	11	0	0	0	0	0	1	1
Rv2677c	hemY	7	0	0	0	0	0	1	1
Rv2678c	hemE	8	0	0	0	0	0	1	1
Rv2679	echA15	3	3	3261.5	3069.4	-192.1	-0.09	0.8576	1
Rv2680	-	11	8	1113.3	303.9	-809.4	-1.87	0.023	1
Rv2681	-	16	9	892.2	834.8	-57.4	-0.1	0.9174	1
Rv2682c	dxs1	17	0	0	0	0	0	1	1
Rv2683	-	10	8	1510.4	2953.8	1443.4	0.97	0.6881	1
Rv2684	arsA	17	13	1266.9	698.8	-568.2	-0.86	0.2631	1
Rv2685	arsB1	8	4	3304.8	3951.7	646.9	0.26	0.8739	1
Rv2686c	-	11	7	1721.2	1172.3	-549	-0.55	0.7296	1
Rv2687c	-	10	6	1516.2	855.5	-660.7	-0.83	0.504	1
Rv2688c	-	9	9	4811.2	4866.5	55.3	0.02	0.9826	1
Rv2689c	-	18	13	13630.8	14407.3	776.4	0.08	0.8902	1
Rv2690c	-	20	10	526.1	101.9	-424.2	-2.37	0.0266	1
Rv2691	ceoB	8	8	10716.6	7047.7	-3668.9	-0.6	0.4026	1
Rv2692	ceoC	2	2	729.2	774.5	45.3	0.09	0.9239	1
Rv2693c	-	8	7	1413.9	1510.8	96.9	0.1	0.8883	1
Rv2694c	-	6	5	11605.9	12296.1	690.1	0.08	0.8933	1
Rv2695	-	8	7	4766	3123.3	-1642.6	-0.61	0.281	1
Rv2696c	-	9	4	1583.5	401.3	-1182.1	-1.98	0.1591	1
Rv2697c	dut	4	0	0	0	0	0	1	1
Rv2698	-	11	1	1.8	0	-1.8	0.13	1	1
Rv2699c	-	1	0	0	0	0	0	1	1
Rv2700	-	7	2	28	19.2	-8.8	-0.55	1	1
Rv2701c	suhB	9	8	3486.4	3455.5	-30.9	-0.01	0.9886	1
Rv2702	ppgK	11	10	7571	1244.2	-6326.8	-2.61	0.0009	0.1496
Rv2703	sigA	15	0	0	0	0	0	1	1
Rv2704	-	8	7	7967.3	5931	-2036.3	-0.43	0.6284	1
Rv2705c	-	8	8	6948.3	5591.9	-1356.4	-0.31	0.5219	1
Rv2706c	-	2	2	3633.6	2133.1	-1500.5	-0.77	0.2561	1
Rv2707	-	25	23	91808.1	40218	-51590.1	-1.19	0.0512	1
Rv2708c	-	5	4	2378.7	2286.7	-92	-0.06	0.9196	1
Rv2709	-	9	6	8625.6	7468.8	-1156.8	-0.21	0.8084	1
Rv2710	sigB	10	5	42.7	4.8	-37.9	-3.15	0.1784	1
Rv2711	ideR	4	0	0	0	0	0	1	1
Rv2712c	-	11	8	25834.4	28797.9	2963.5	0.16	0.8252	1
Rv2713	sthA	16	16	20237.4	19729.3	-508.1	-0.04	0.9313	1
Rv2714	-	13	10	18479	18680.2	201.2	0.02	0.9808	1
Rv2715	-	15	11	4182.3	3905.8	-276.5	-0.1	0.8883	1
Rv2716	-	7	7	10909.5	10169.9	-739.6	-0.1	0.901	1
Rv2717c	-	9	9	4112.7	2657.7	-1455	-0.63	0.353	1
Rv2718c	-	7	5	1462.8	4507.2	3044.4	1.62	0.1606	1
Rv2719c	-	4	4	1977.8	1414.8	-562.9	-0.48	0.6692	1
Rv2720	lexA	8	0	0	0	0	0	1	1
Rv2721c	-	18	14	17072.3	16159	-913.3	-0.08	0.9034	1
Rv2722	-	5	5	6843.5	4481.7	-2361.8	-0.61	0.5015	1
Rv2723	-	22	17	20029.7	23868.2	3838.5	0.25	0.6824	1
Rv2724c	fadE20	18	17	16140.9	15467.7	-673.3	-0.06	0.8834	1
Rv2725c	hflX	16	12	19654.7	27207	7552.3	0.47	0.4955	1
Rv2726c	dapF	8	0	0	0	0	0	1	1
Rv2727c	miaA	11	0	0	0	0	0	1	1
Rv2728c	-	10	8	4330.9	8251.4	3920.5	0.93	0.2948	1
Rv2729c	-	9	8	11849	13055.4	1206.3	0.14	0.8129	1
Rv2730	-	10	10	10012.1	12807.8	2795.7	0.36	0.4583	1
Rv2731	-	7	7	7307	2883.4	-4423.6	-1.34	0.3856	1
Rv2732c	-	6	4	3267.3	2337.8	-929.5	-0.48	0.6373	1
Rv2733c	-	12	11	1584.9	1615.7	30.9	0.03	0.9716	1
Rv2734	-	19	11	1719.5	257.7	-1461.8	-2.74	0.0145	0.8695
Rv2735c	-	22	20	11629.7	15221.3	3591.6	0.39	0.5563	1
Rv2736c	recX	5	1	6	57.5	51.5	3.26	1	1
Rv2737A	-	3	2	171.5	1.2	-170.3	-7.16	0.1336	1
Rv2737c	recA	22	7	108.5	4.8	-103.7	-4.5	0.0047	0.4688
Rv2738c	-	2	1	1588.6	2440.5	851.9	0.62	0.6615	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2739c	-	5	4	609.9	207.3	-402.6	-1.56	0.3503	1
Rv2740	-	3	3	612.3	1070.5	458.2	0.81	0.7584	1
Rv2741	PE_PGRS47	17	10	9854.4	8227.7	-1626.7	-0.26	0.6968	1
Rv2742c	-	13	13	13193.8	9611.3	-3582.5	-0.46	0.5544	1
Rv2743c	-	10	8	7172.1	12946.3	5774.1	0.85	0.5811	1
Rv2744c	35kd_ag	4	3	571.2	1504.4	933.2	1.4	0.6564	1
Rv2745c	-	2	2	11328.3	15175.7	3847.4	0.42	0.8644	1
Rv2746c	pgsA3	11	0	0	0	0	0	1	1
Rv2747	-	5	0	0	0	0	0	1	1
Rv2748c	ftsK	21	1	1.8	0	-1.8	0.13	1	1
Rv2749	-	3	3	687.6	680.7	-6.9	-0.01	0.9688	1
Rv2750	-	10	4	280.5	1579.3	1298.8	2.49	0.3436	1
Rv2751	-	17	10	1708.9	1593	-115.9	-0.1	0.8755	1
Rv2752c	-	16	7	1397.1	625.9	-771.1	-1.16	0.5056	1
Rv2753c	dapA	8	0	0	0	0	0	1	1
Rv2754c	thyX	8	0	0	0	0	0	1	1
Rv2755c	hsdS.1	7	6	804.2	1625.7	821.5	1.02	0.4111	1
Rv2756c	hsdM	28	10	1539.7	2948.3	1408.5	0.94	0.6659	1
Rv2757c	-	6	3	147.9	19.2	-128.7	-2.95	0.2565	1
Rv2758c	-	1	0	0	0	0	0	1	1
Rv2759c	-	8	6	4301.2	5589.7	1288.6	0.38	0.6695	1
Rv2760c	-	1	1	259.3	150.5	-108.8	-0.78	0.6721	1
Rv2761c	hsdS	12	5	2187.1	4599.8	2412.7	1.07	0.821	1
Rv2762c	-	3	2	1060.9	312.3	-748.6	-1.76	0.0862	1
Rv2763c	dfrA	7	0	0	0	0	0	1	1
Rv2764c	thyA	17	0	0	0	0	0	1	1
Rv2765	-	11	9	4807.3	4785.4	-21.9	-0.01	0.9919	1
Rv2766c	fabG	4	4	9592.8	6627.7	-2965.1	-0.53	0.4612	1
Rv2767c	-	9	8	101200.2	125831.8	24631.6	0.31	0.6924	1
Rv2768c	PPE43	10	8	4803.7	3586.1	-1217.6	-0.42	0.534	1
Rv2769c	PE27	13	11	9776.5	10196.4	419.9	0.06	0.942	1
Rv2770c	PPE44	10	9	8582.9	13744.5	5161.6	0.68	0.4429	1
Rv2771c	-	8	7	7197.5	6438.1	-759.4	-0.16	0.7487	1
Rv2772c	-	6	5	747.5	572	-175.6	-0.39	0.6681	1
Rv2773c	dapB	6	0	0	0	0	0	1	1
Rv2774c	-	3	3	1059.9	1119.5	59.6	0.08	0.9363	1
Rv2775	-	9	8	3059.8	1994.7	-1065	-0.62	0.5369	1
Rv2776c	-	12	9	2177.2	1405.9	-771.3	-0.63	0.4566	1
Rv2777c	-	13	11	12761.9	21936.8	9174.8	0.78	0.3042	1
Rv2778c	-	7	4	2159.8	1251.4	-908.5	-0.79	0.4999	1
Rv2779c	-	5	3	1605	969.2	-635.7	-0.73	0.2913	1
Rv2780	ald	20	14	3091.6	4612.4	1520.7	0.58	0.4422	1
Rv2781c	-	14	10	5393.9	4837.5	-556.4	-0.16	0.8455	1
Rv2782c	pepR	12	10	3051.1	2152.7	-898.4	-0.5	0.3025	1
Rv2783c	gpsI	14	1	0	66.3	66.3	5.05	1	1
Rv2784c	lppU	6	5	6340.1	5759.3	-580.8	-0.14	0.9445	1
Rv2785c	rpsO	3	1	44	0	-44	-4.46	1	1
Rv2786c	ribF	9	0	0	0	0	0	1	1
Rv2787	-	20	19	9243	8702.9	-540.1	-0.09	0.8688	1
Rv2788	sirR	6	3	634.8	575.1	-59.7	-0.14	0.8715	1
Rv2789c	fadE21	12	6	1532	2647.6	1115.6	0.79	0.4665	1
Rv2790c	ltp1	13	9	1381.6	754.2	-627.4	-0.87	0.2377	1
Rv2791c	-	15	11	1111	639.7	-471.4	-0.8	0.2358	1
Rv2792c	-	5	3	968.7	5134.5	4165.9	2.41	0.7404	1
Rv2793c	truB	8	3	312.1	232.5	-79.6	-0.42	0.5062	1
Rv2794c	-	5	0	0	0	0	0	1	1
Rv2795c	-	15	7	1459.5	1567.7	108.2	0.1	0.8897	1
Rv2796c	lppV	5	5	2767.8	2058.8	-709	-0.43	0.6387	1
Rv2797c	-	21	21	17753.5	16127.1	-1626.3	-0.14	0.7932	1
Rv2798c	-	3	3	854.5	494.1	-360.4	-0.79	0.4765	1
Rv2799	-	7	7	16123.1	34169.2	18046.1	1.08	0.5023	1
Rv2800	-	13	11	10809.3	15386.5	4577.2	0.51	0.6424	1
Rv2801c	-	3	3	2931.3	1263.4	-1667.8	-1.21	0.4713	1
Rv2802c	-	7	5	2094.9	3182.7	1087.8	0.6	0.8096	1
Rv2803	-	6	6	7068.6	8260.7	1192.2	0.22	0.8564	1
Rv2804c	-	5	4	1611	1966.1	355.1	0.29	0.8711	1
Rv2805	-	3	3	9507.1	18003.7	8496.7	0.92	0.4547	1
Rv2806	-	6	5	1252	271.2	-980.8	-2.21	0.0991	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2807	-	11	10	8023.4	9805.8	1782.4	0.29	0.8214	1
Rv2808	-	5	5	135.2	275.6	140.5	1.03	0.33	1
Rv2809	-	7	6	3004.8	2696.5	-308.3	-0.16	0.7935	1
Rv2810c	-	10	9	3034.1	2412.5	-621.6	-0.33	0.6663	1
Rv2811	-	1	1	68.3	163	94.7	1.26	1	1
Rv2812	-	14	4	702.3	850.9	148.6	0.28	0.9816	1
Rv2813	-	8	4	412.1	421.3	9.2	0.03	0.9667	1
Rv2814c	-	19	19	15562.2	15032.6	-529.6	-0.05	0.9215	1
Rv2815c	-	3	3	2666.3	1605.9	-1060.4	-0.73	0.4949	1
Rv2816c	-	11	7	614.2	530.8	-83.5	-0.21	0.8324	1
Rv2817c	-	17	11	2764.5	2802.4	37.9	0.02	0.9842	1
Rv2818c	-	18	12	2239.4	2286.7	47.3	0.03	0.9745	1
Rv2819c	-	16	10	1950.7	348.7	-1602	-2.48	0.0167	0.9255
Rv2820c	-	13	11	3235.1	2321.1	-914	-0.48	0.4711	1
Rv2821c	-	9	8	3554	995.4	-2558.7	-1.84	0.2861	1
Rv2822c	-	11	8	5377.4	5559.5	182.1	0.05	0.9558	1
Rv2823c	-	33	28	17552.5	14054	-3498.6	-0.32	0.6958	1
Rv2824c	-	15	14	8020.8	7886.5	-134.3	-0.02	0.9646	1
Rv2825c	-	5	2	60.3	1.2	-59.1	-5.65	0.1497	1
Rv2826c	-	6	5	738.5	614.3	-124.2	-0.27	0.7253	1
Rv2827c	-	11	2	1.8	10.8	9	2.56	1	1
Rv2828c	-	4	2	33.3	0	-33.3	-4.06	0.1454	1
Rv2829c	-	3	2	269.7	250	-19.7	-0.11	0.8558	1
Rv2830c	-	0	0	0	0	0	0	1	1
Rv2831	echA16	3	2	639	133	-506	-2.26	0.3392	1
Rv2832c	ugpC	7	3	2754	4299.2	1545.2	0.64	0.8222	1
Rv2833c	ugpB	18	7	1804.5	1601.2	-203.4	-0.17	0.8343	1
Rv2834c	ugpE	4	4	634.3	435.9	-198.4	-0.54	0.6597	1
Rv2835c	ugpA	11	4	3744.2	3218.7	-525.5	-0.22	0.8763	1
Rv2836c	dinF	16	12	3696.1	2553.9	-1142.2	-0.53	0.625	1
Rv2837c	-	11	0	0	0	0	0	1	1
Rv2838c	rbfA	6	2	17697.6	20955.5	3257.9	0.24	0.8331	1
Rv2839c	infB	22	0	0	0	0	0	1	1
Rv2840c	-	5	1	61.2	132.5	71.3	1.11	1	1
Rv2841c	nusA	11	0	0	0	0	0	1	1
Rv2842c	-	4	1	212.8	385.9	173.1	0.86	1	1
Rv2843	-	2	0	0	0	0	0	1	1
Rv2844	-	4	0	0	0	0	0	1	1
Rv2845c	proS	21	0	0	0	0	0	1	1
Rv2846c	efpA	20	0	0	0	0	0	1	1
Rv2847c	cysG	11	0	0	0	0	0	1	1
Rv2848c	cobB	15	11	7280	5939.1	-1340.9	-0.29	0.557	1
Rv2849c	cobO	4	3	910.5	467.1	-443.4	-0.96	0.3799	1
Rv2850c	-	13	9	2632	3207.5	575.4	0.29	0.8302	1
Rv2851c	-	7	6	2385.9	1620	-765.9	-0.56	0.6613	1
Rv2852c	mqo	16	11	10474.1	8167.7	-2306.4	-0.36	0.6223	1
Rv2853	PE_PGRS48	29	22	14281	11122.2	-3158.7	-0.36	0.5944	1
Rv2854	-	14	12	9447.2	7796.9	-1650.3	-0.28	0.7157	1
Rv2855	mtr	21	6	282.3	279.2	-3.1	-0.02	0.9855	1
Rv2856	nicT	14	8	1614.7	2229	614.3	0.47	0.6112	1
Rv2857c	-	10	6	1214.9	695.3	-519.6	-0.81	0.3092	1
Rv2858c	aldC	12	3	43.5	5121.3	5077.9	6.88	0.2606	1
Rv2859c	-	15	11	3241.9	2476.4	-765.5	-0.39	0.5192	1
Rv2860c	glnA4	24	16	23407.9	25083.4	1675.5	0.1	0.9165	1
Rv2861c	mapB	10	2	116	0	-116	-5.86	0.1428	1
Rv2862c	-	4	4	2121.4	1204.8	-916.7	-0.82	0.4984	1
Rv2863	-	3	3	4445.9	3098.1	-1347.8	-0.52	0.1728	1
Rv2864c	-	14	10	6410.6	4301.2	-2109.4	-0.58	0.2469	1
Rv2865	-	1	1	177.3	169.3	-8	-0.07	0.6701	1
Rv2866	-	2	1	727.6	3873.5	3146	2.41	1	1
Rv2867c	-	10	6	782.8	458.9	-324	-0.77	0.2801	1
Rv2868c	ispG	11	0	0	0	0	0	1	1
Rv2869c	-	15	1	1.8	0	-1.8	0.13	1	1
Rv2870c	dxr	11	1	232.6	4.8	-227.8	-5.6	0.3372	1
Rv2871	-	7	3	3921.3	3998.6	77.2	0.03	0.9807	1
Rv2872	-	10	10	6017.9	5542.9	-475.1	-0.12	0.9178	1
Rv2873	mpt83	9	8	6377	7132.1	755.1	0.16	0.8542	1
Rv2874	dipZ	31	22	4747.6	8523.3	3775.8	0.84	0.8471	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2875	mpt70	6	6	11353.3	7852.1	-3501.2	-0.53	0.3366	1
Rv2876	-	1	1	460.1	484.9	24.7	0.08	1	1
Rv2877c	-	16	14	18596.7	24487.9	5891.2	0.4	0.8643	1
Rv2878c	mpt53	5	5	3304.9	8251.1	4946.2	1.32	0.3007	1
Rv2879c	-	8	8	95294.7	85335.4	-9959.3	-0.16	0.8478	1
Rv2880c	-	10	8	7976.5	6345	-1631.4	-0.33	0.6531	1
Rv2881c	cdsA	8	0	0	0	0	0	1	1
Rv2882c	frr	14	1	1.8	0	-1.8	0.13	1	1
Rv2883c	pyrH	9	0	0	0	0	0	1	1
Rv2884	-	9	8	12522.6	17309.5	4786.9	0.47	0.4716	1
Rv2885c	-	14	12	3263.1	1925.2	-1338	-0.76	0.223	1
Rv2886c	-	15	11	4549.7	7349.8	2800.1	0.69	0.6447	1
Rv2887	-	7	6	510.9	358.7	-152.2	-0.51	0.5027	1
Rv2888c	amiC	26	24	14523.4	11226	-3297.4	-0.37	0.3496	1
Rv2889c	tsf	7	1	2	0	-2	0	1	1
Rv2890c	rpsB	4	0	0	0	0	0	1	1
Rv2891	-	12	9	3516.4	5736.7	2220.3	0.71	0.544	1
Rv2892c	PPE45	13	12	8498.1	9594.7	1096.6	0.18	0.8521	1
Rv2893	-	5	4	966.2	1159.6	193.4	0.26	0.6544	1
Rv2894c	xerC	8	0	0	0	0	0	1	1
Rv2895c	viuB	9	7	7965.8	5891.7	-2074.1	-0.44	0.6079	1
Rv2896c	-	14	10	3439	3079.2	-359.8	-0.16	0.8039	1
Rv2897c	-	10	4	954.9	1825.7	870.8	0.94	0.4131	1
Rv2898c	-	2	0	0	0	0	0	1	1
Rv2899c	fdhD	10	3	1346.8	2221	874.2	0.72	0.8427	1
Rv2900c	fdhF	21	16	6301.5	6966	664.4	0.14	0.8173	1
Rv2901c	-	7	7	893	2075.7	1182.7	1.22	0.1456	1
Rv2902c	rnhB	10	8	3092.9	2254.6	-838.3	-0.46	0.5068	1
Rv2903c	lepB	12	0	0	0	0	0	1	1
Rv2904c	rplS	4	1	1.8	0	-1.8	0.13	1	1
Rv2905	lppW	14	10	34979.3	79506.9	44527.6	1.18	0.3233	1
Rv2906c	trmD	8	1	1.8	0	-1.8	0.13	1	1
Rv2907c	rimM	5	0	0	0	0	0	1	1
Rv2908c	-	6	2	21.9	10.8	-11.2	-1.02	0.7054	1
Rv2909c	rpsP	6	1	69.5	0	-69.5	-5.12	1	1
Rv2910c	-	9	8	6006.3	5920.5	-85.8	-0.02	0.9909	1
Rv2911	dacB2	8	5	9327.6	21650.8	12323.2	1.21	0.3726	1
Rv2912c	-	7	5	1386	676.1	-709.9	-1.04	0.1537	1
Rv2913c	-	23	19	16312	11555.8	-4756.2	-0.5	0.709	1
Rv2914c	pknI	19	13	12142.8	12858.6	715.9	0.08	0.9076	1
Rv2915c	-	11	10	2081	2453.6	372.5	0.24	0.7985	1
Rv2916c	ffh	6	0	0	0	0	0	1	1
Rv2917	-	21	18	7868.6	11975.6	4107.1	0.61	0.8094	1
Rv2918c	glnD	21	17	9162.2	6241.3	-2920.9	-0.55	0.5032	1
Rv2919c	glnB	5	3	77.5	68.3	-9.2	-0.18	0.8482	1
Rv2920c	amt	13	7	2472.8	958.8	-1514	-1.37	0.0724	1
Rv2921c	ftsY	9	1	3.7	0	-3.7	-0.87	1	1
Rv2922A	acyP	1	0	0	0	0	0	1	1
Rv2922c	smc	30	14	872.5	1419.6	547.2	0.7	0.5235	1
Rv2923c	-	4	4	1557.9	570.8	-987.1	-1.45	0.5824	1
Rv2924c	fpg	13	13	10095.1	17745.1	7650	0.81	0.3246	1
Rv2925c	rnc	9	0	0	0	0	0	1	1
Rv2926c	-	3	0	0	0	0	0	1	1
Rv2927c	-	9	1	1.8	0	-1.8	0.13	1	1
Rv2928	tesA	20	11	3635.1	7444.7	3809.6	1.03	0.4229	1
Rv2929	-	4	4	1527.6	1788.5	260.9	0.23	0.8829	1
Rv2930	fadD26	29	25	31575.7	34194.2	2618.6	0.11	0.8546	1
Rv2931	ppsA	56	43	113193.9	145161	31967.1	0.36	0.7335	1
Rv2932	ppsB	57	42	21482.1	34148.8	12666.7	0.67	0.1888	1
Rv2933	ppsC	68	56	45171	44281.3	-889.7	-0.03	0.9491	1
Rv2934	ppsD	49	35	28603.9	24009.2	-4594.7	-0.25	0.5606	1
Rv2935	ppsE	47	43	38030.3	40292	2261.7	0.08	0.8398	1
Rv2936	drrA	11	11	11468.6	9236.8	-2231.8	-0.31	0.5261	1
Rv2937	drrB	20	19	26216	41031	14814.9	0.65	0.3822	1
Rv2938	drrC	21	20	45553.9	46561.3	1007.5	0.03	0.9544	1
Rv2939	papA5	22	19	20548	26175.7	5627.7	0.35	0.5185	1
Rv2940c	mas	59	55	107310.3	109683.7	2373.4	0.03	0.9547	1
Rv2941	fadD28	36	29	19723.1	25472	5748.9	0.37	0.5796	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv2942	mmpL7	29	24	40910.9	52400.9	11490	0.36	0.5126	1
Rv2943	-	9	8	7869.1	6877.9	-991.2	-0.19	0.854	1
Rv2943A	-	4	2	1207.2	482.1	-725.1	-1.32	0.1737	1
Rv2944	-	9	7	4418.4	3464.9	-953.5	-0.35	0.7307	1
Rv2945c	lppX	8	8	11971.9	12686	714.1	0.08	0.8439	1
Rv2946c	pks1	41	33	41895.5	46665.7	4770.2	0.16	0.7738	1
Rv2947c	pks15	16	14	102162.6	139609.1	37446.5	0.45	0.7918	1
Rv2948c	fadD22	39	35	72528.4	73351.1	822.8	0.02	0.959	1
Rv2949c	-	16	13	1537.7	1704.1	166.4	0.15	0.8145	1
Rv2950c	fadD29	28	24	36704.8	38376.2	1671.3	0.06	0.9054	1
Rv2951c	-	19	18	6911.4	7993.5	1082	0.21	0.6358	1
Rv2952	-	13	12	9565.2	10161.2	596	0.09	0.9337	1
Rv2953	-	19	14	9636.2	9670.3	34.1	0.01	0.994	1
Rv2954c	-	12	11	12681.2	10950.9	-1730.3	-0.21	0.7186	1
Rv2955c	-	14	13	5107.9	4211.8	-896.1	-0.28	0.6779	1
Rv2956	-	14	7	1725.9	824.7	-901.1	-1.07	0.3602	1
Rv2957	-	12	11	26776.4	29648.2	2871.8	0.15	0.8398	1
Rv2958c	-	21	21	37044.9	31429.8	-5615.2	-0.24	0.6312	1
Rv2959c	-	20	13	2258.1	2010.3	-247.8	-0.17	0.8449	1
Rv2960c	-	5	4	3661.4	4519.1	857.7	0.3	0.7715	1
Rv2961	-	7	4	18068.3	15355.6	-2712.7	-0.23	0.6854	1
Rv2962c	-	14	13	14150.6	20088.6	5938	0.51	0.3987	1
Rv2963	-	19	16	7596.5	8180.5	584	0.11	0.8716	1
Rv2964	purU	17	11	6370.6	7353.7	983	0.21	0.8205	1
Rv2965c	coaD	2	0	0	0	0	0	1	1
Rv2966c	-	5	4	754.9	276.8	-478.1	-1.45	0.3422	1
Rv2967c	pca	49	20	968	635.4	-332.6	-0.61	0.4208	1
Rv2968c	-	9	1	1.8	0	-1.8	0.13	1	1
Rv2969c	-	9	0	0	0	0	0	1	1
Rv2970A	-	3	3	1487.2	649.4	-837.8	-1.2	0.0857	1
Rv2970c	lipN	14	11	4500.9	7007.1	2506.2	0.64	0.5162	1
Rv2971	-	13	0	0	0	0	0	1	1
Rv2972c	-	10	8	7220.3	9243.6	2023.3	0.36	0.8276	1
Rv2973c	recG	17	9	710.3	835.6	125.3	0.23	0.9767	1
Rv2974c	-	17	13	6985.5	9063.8	2078.3	0.38	0.4541	1
Rv2975c	-	2	1	128	1308.7	1180.8	3.35	0.3372	1
Rv2976c	ung	7	3	5936.1	3482.2	-2453.9	-0.77	0.5205	1
Rv2977c	thiL	5	0	0	0	0	0	1	1
Rv2978c	-	11	6	383.4	651	267.6	0.76	0.5314	1
Rv2979c	-	6	6	2187.4	7276.8	5089.3	1.73	0.4448	1
Rv2980	-	4	0	0	0	0	0	1	1
Rv2981c	ddl	12	0	0	0	0	0	1	1
Rv2982c	gpsA	5	5	2867.2	1362.4	-1504.8	-1.07	0.2465	1
Rv2983	-	4	3	141.3	47.9	-93.4	-1.56	0.4887	1
Rv2984	ppk	27	2	3.7	1.2	-2.5	-1.61	0.4285	1
Rv2985	mutT1	15	10	2870.2	3342.8	472.6	0.22	0.8669	1
Rv2986c	hupB	7	0	0	0	0	0	1	1
Rv2987c	leuD	8	1	1.8	0	-1.8	0.13	1	1
Rv2988c	leuC	11	0	0	0	0	0	1	1
Rv2989	-	6	1	133.6	16.8	-116.9	-2.99	0.3372	1
Rv2990c	-	13	10	9548.9	9250.7	-298.2	-0.05	0.9587	1
Rv2991	-	5	4	2476.8	1984.8	-492	-0.32	0.8025	1
Rv2992c	gltX	14	0	0	0	0	0	1	1
Rv2993c	-	5	4	1168.5	401.7	-766.8	-1.54	0.2118	1
Rv2994	-	15	10	5600.8	4015.8	-1585	-0.48	0.5423	1
Rv2995c	leuB	8	1	1.8	0	-1.8	0.13	1	1
Rv2996c	serA1	10	0	0	0	0	0	1	1
Rv2997	-	13	10	4683.2	4003.5	-679.8	-0.23	0.8057	1
Rv2998	-	4	3	625.7	407.8	-217.9	-0.62	0.5687	1
Rv2998A	-	1	0	0	0	0	0	1	1
Rv2999	lppY	9	4	793	530.4	-262.6	-0.58	0.6651	1
Rv3000	-	6	2	353.9	316.2	-37.7	-0.16	0.8556	1
Rv3001c	ilvC	9	0	0	0	0	0	1	1
Rv3002c	ilvH	4	1	40.2	0	-40.2	-4.33	1	1
Rv3003c	ilvB1	12	0	0	0	0	0	1	1
Rv3004	cfp6	3	1	2345.9	1820.3	-525.6	-0.37	0.6644	1
Rv3005c	-	17	13	12368.2	12000.8	-367.5	-0.04	0.9543	1
Rv3006	lppZ	15	0	0	0	0	0	1	1

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Rv3007c	-	8	6	7970.3	7466	-504.3	-0.09	0.9078	1
Rv3008	-	12	11	18167.1	26700.8	8533.7	0.56	0.5364	1
Rv3009c	gatB	15	1	1.8	0	-1.8	0.13	1	1
Rv3010c	pfkA	6	6	1877.5	1530.9	-346.5	-0.29	0.701	1
Rv3011c	gatA	19	2	3.7	0	-3.7	-0.87	0.4322	1
Rv3012c	gatC	0	0	0	0	0	0	1	1
Rv3013	-	3	2	1015.2	935.2	-80	-0.12	0.7705	1
Rv3014c	ligA	8	1	1.8	0	-1.8	0.13	1	1
Rv3015c	-	7	5	2079.4	2169.3	89.9	0.06	0.9619	1
Rv3016	lpqA	8	7	8712.3	6856.9	-1855.4	-0.35	0.5403	1
Rv3017c	esxQ	5	4	1651.4	1456.3	-195.1	-0.18	0.76	1
Rv3018A	PE27A	0	0	0	0	0	0	1	1
Rv3018c	PPE46	22	12	9888.5	7052.1	-2836.4	-0.49	0.5894	1
Rv3019c	esxR	6	4	12476.6	18331.3	5854.7	0.56	0.642	1
Rv3020c	esxS	5	3	140.8	608.5	467.7	2.11	0.1518	1
Rv3021c	PPE47	19	6	5871.3	6181.4	310.2	0.07	0.8713	1
Rv3022A	PE29	6	5	2756.1	4405.8	1649.7	0.68	0.5442	1
Rv3022c	PPE48	5	5	6558.1	10197.3	3639.2	0.64	0.7534	1
Rv3023c	-	13	12	19582.6	17563.5	-2019.1	-0.16	0.8409	1
Rv3024c	trmU	11	1	1.8	0	-1.8	0.13	1	1
Rv3025c	iscS	13	0	0	0	0	0	1	1
Rv3026c	-	8	6	7266.3	8554.4	1288.1	0.24	0.8169	1
Rv3027c	-	14	11	8642	11703	3061	0.44	0.5021	1
Rv3028c	fixB	7	0	0	0	0	0	1	1
Rv3029c	fixA	5	0	0	0	0	0	1	1
Rv3030	-	9	0	0	0	0	0	1	1
Rv3031	-	17	0	0	0	0	0	1	1
Rv3032	-	6	0	0	0	0	0	1	1
Rv3033	-	2	2	674.9	224.5	-450.4	-1.59	0.3542	1
Rv3034c	-	9	1	1.8	0	-1.8	0.13	1	1
Rv3035	-	9	0	0	0	0	0	1	1
Rv3036c	TB22.2	14	14	30268.7	20998.8	-9269.9	-0.53	0.3252	1
Rv3037c	-	11	8	3075.5	8392.8	5317.4	1.45	0.6311	1
Rv3038c	-	6	0	0	0	0	0	1	1
Rv3039c	echA17	7	2	397.9	281.1	-116.7	-0.5	0.683	1
Rv3040c	-	10	6	3174.1	1926	-1248.1	-0.72	0.5306	1
Rv3041c	-	7	5	759	264.8	-494.1	-1.52	0.0627	1
Rv3042c	serB2	9	1	1.8	0	-1.8	0.13	1	1
Rv3043c	ctaD	19	0	0	0	0	0	1	1
Rv3044	fecB	10	1	1.8	0	-1.8	0.13	1	1
Rv3045	adhC	15	14	4370.9	2178.5	-2192.3	-1	0.1047	1
Rv3046c	-	1	1	169.4	248.1	78.7	0.55	1	1
Rv3047c	-	5	4	4305.8	3060.5	-1245.4	-0.49	0.468	1
Rv3048c	nrdF	21	4	9.5	0	-9.5	-2.25	0.0297	1
Rv3049c	-	24	22	39780	37612.8	-2167.2	-0.08	0.8643	1
Rv3050c	-	6	5	18863.5	5538.2	-13325.3	-1.77	0.0036	0.399
Rv3051c	nrdE	37	1	1	0	-1	1	1	1
Rv3052c	nrdI	11	0	0	0	0	0	1	1
Rv3053c	nrdH	5	0	0	0	0	0	1	1
Rv3054c	-	4	3	7317.6	3027.6	-4290.1	-1.27	0.4845	1
Rv3055	-	4	2	50.5	1.2	-49.3	-5.4	0.0285	1
Rv3056	dinP	16	11	13976.3	13706.1	-270.2	-0.03	0.9699	1
Rv3057c	-	15	14	20948.6	14598.5	-6350.1	-0.52	0.3529	1
Rv3058c	-	9	8	2063.2	4953.7	2890.5	1.26	0.3046	1
Rv3059	cyp136	17	16	22957.7	38077.3	15119.6	0.73	0.2757	1
Rv3060c	-	21	16	75927.9	78365.8	2437.9	0.05	0.9712	1
Rv3061c	fadE22	16	13	5063.9	3040.8	-2023.1	-0.74	0.4462	1
Rv3062	ligB	13	8	2847.3	1219.2	-1628.1	-1.22	0.2412	1
Rv3063	cstA	23	22	21847.5	24616.1	2768.6	0.17	0.7563	1
Rv3064c	-	7	6	21859.3	30252.1	8392.8	0.47	0.6475	1
Rv3065	mmr	6	4	366.2	233.7	-132.5	-0.65	0.5023	1
Rv3066	-	8	7	3826.6	2109.1	-1717.5	-0.86	0.2964	1
Rv3067	-	5	4	4567.6	2749.6	-1818	-0.73	0.3248	1
Rv3068c	pgmA	23	18	19646.6	22995.7	3349.1	0.23	0.6612	1
Rv3069	ccrB	3	3	2782.4	5070.4	2288	0.87	0.5082	1
Rv3070	ccrB	5	4	3393.7	1610.4	-1783.3	-1.08	0.3078	1
Rv3071	-	9	6	2642.8	3041.5	398.8	0.2	0.8165	1
Rv3072c	-	8	7	22081.7	31122.8	9041.1	0.5	0.7688	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3073c	-	3	3	606.6	858.8	252.2	0.5	0.8408	1
Rv3074	-	12	10	6593.3	6226.3	-367.1	-0.08	0.8823	1
Rv3075c	-	9	6	10577.6	6289.7	-4287.9	-0.75	0.5818	1
Rv3076	-	5	3	3886.2	2979.8	-906.4	-0.38	0.6898	1
Rv3077	-	28	22	15672.9	14831	-841.9	-0.08	0.8821	1
Rv3078	hab	5	3	186	130.6	-55.4	-0.51	0.658	1
Rv3079c	-	13	10	6810.8	5045.7	-1765.1	-0.43	0.4223	1
Rv3080c	pknK	21	15	5249.8	3877.4	-1372.4	-0.44	0.4454	1
Rv3081	-	13	9	2803.2	208.9	-2594.3	-3.75	0.0015	0.2137
Rv3082c	virS	16	10	8967	17044.4	8077.5	0.93	0.7175	1
Rv3083	-	21	18	19848	9214.7	-10633.3	-1.11	0.236	1
Rv3084	lipR	11	8	48202.8	51826.7	3623.9	0.1	0.871	1
Rv3085	-	3	2	728.5	41.9	-686.6	-4.12	0.058	1
Rv3086	adhD	6	6	1465.6	1390.6	-75	-0.08	0.8843	1
Rv3087	-	9	8	5157	5891.8	734.8	0.19	0.8524	1
Rv3088	-	10	6	7703.2	3535.5	-4167.7	-1.12	0.4027	1
Rv3089	fadD13	17	14	6699.7	4942.3	-1757.4	-0.44	0.4268	1
Rv3090	-	6	6	4282.1	6751	2469	0.66	0.531	1
Rv3091	-	13	12	9685.4	5883.2	-3802.2	-0.72	0.2237	1
Rv3092c	-	8	7	14094.4	11349.5	-2744.9	-0.31	0.6958	1
Rv3093c	-	11	8	1648.8	1075.1	-573.7	-0.62	0.5254	1
Rv3094c	-	10	8	16300.8	13907.9	-2392.9	-0.23	0.7989	1
Rv3095	-	5	5	10321.8	5497.6	-4824.2	-0.91	0.2841	1
Rv3096	-	10	9	8909.1	11834.2	2925.1	0.41	0.7242	1
Rv3097c	PE_PGRS63	20	19	34578.7	37230.9	2652.2	0.11	0.878	1
Rv3098c	-	7	5	1245.1	853.3	-391.9	-0.55	0.5021	1
Rv3099c	-	5	5	2881.2	1063.9	-1817.3	-1.44	0.166	1
Rv3100c	smpB	2	0	0	0	0	0	1	1
Rv3101c	ftsX	12	0	0	0	0	0	1	1
Rv3102c	ftsE	6	0	0	0	0	0	1	1
Rv3103c	-	6	5	4047.4	1938.8	-2108.6	-1.06	0.198	1
Rv3104c	-	8	7	5454	3931.5	-1522.5	-0.47	0.6409	1
Rv3105c	prfB	15	0	0	0	0	0	1	1
Rv3106	fprA	15	13	7464	6358.2	-1105.8	-0.23	0.6766	1
Rv3107c	agpS	20	14	6163.6	8041.3	1877.7	0.38	0.7092	1
Rv3108	-	5	5	165.8	717.4	551.6	2.11	0.3103	1
Rv3109	moaA1	30	12	3345.9	2763.1	-582.8	-0.28	0.6841	1
Rv3110	moaB1	8	4	7677.4	11731.6	4054.2	0.61	0.6501	1
Rv3111	moaC	12	12	2837.1	3162.2	325.1	0.16	0.8316	1
Rv3112	moaD1	5	4	151.2	222.8	71.6	0.56	0.8942	1
Rv3113	-	7	3	244.2	272.7	28.5	0.16	0.936	1
Rv3114	-	5	5	826.6	438.6	-388	-0.91	0.4889	1
Rv3115	-	13	11	17132.3	16155.5	-976.8	-0.08	0.9371	1
Rv3116	moeB2	20	17	95307.4	62263.9	-33043.5	-0.61	0.6874	1
Rv3117	cysA3	10	10	12003.3	7886.2	-4117.1	-0.61	0.2125	1
Rv3118	sseC1	1	1	2056.5	876	-1180.5	-1.23	0.6602	1
Rv3119	moaE1	8	8	10504.8	10956.6	451.8	0.06	0.9055	1
Rv3120	-	9	8	12755.4	10194.6	-2560.8	-0.32	0.7053	1
Rv3121	cyp141	18	12	26150.6	28859	2708.4	0.14	0.7759	1
Rv3122	-	5	5	7187.4	4500.9	-2686.5	-0.68	0.1668	1
Rv3123	-	4	3	2687.9	1344.7	-1343.2	-1	0.4026	1
Rv3124	-	23	16	4120.1	6705.9	2585.8	0.7	0.5033	1
Rv3125c	PPE49	19	12	32975.6	25087.5	-7888	-0.39	0.5689	1
Rv3126c	-	1	0	0	0	0	0	1	1
Rv3127	-	14	10	4514.8	1623.4	-2891.4	-1.48	0.1977	1
Rv3129	-	4	4	1463.7	3858.6	2394.9	1.4	0.529	1
Rv3130c	-	20	12	2871.7	3266.4	394.8	0.19	0.9761	1
Rv3131	-	13	6	1438.4	984.2	-454.2	-0.55	0.5736	1
Rv3132c	devS	22	13	2455.5	1508.7	-946.8	-0.7	0.4013	1
Rv3133c	devR	10	6	359.1	360.7	1.7	0.01	0.9971	1
Rv3134c	-	4	4	5719.2	3598.3	-2121	-0.67	0.5603	1
Rv3135	PPE50	7	7	1046.3	895.8	-150.5	-0.22	0.7577	1
Rv3136	PPE51	15	12	2495.6	1388.8	-1106.9	-0.85	0.3104	1
Rv3137	-	6	0	0	0	0	0	1	1
Rv3138	pflA	16	16	13143.1	19968.6	6825.5	0.6	0.5673	1
Rv3139	fadE24	18	0	0	0	0	0	1	1
Rv3140	fadE23	16	0	0	0	0	0	1	1
Rv3141	fadB4	11	8	1127.6	610.3	-517.3	-0.89	0.4729	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3142c	-	8	8	8848.2	11952.3	3104.1	0.43	0.6692	1
Rv3143	-	4	3	1060.6	2967	1906.5	1.48	0.8928	1
Rv3144c	PPE52	14	12	5195.7	4382.3	-813.4	-0.25	0.6177	1
Rv3145	nuoA	7	5	1137.9	614.3	-523.6	-0.89	0.2185	1
Rv3146	nuoB	6	6	3514.7	1830.3	-1684.3	-0.94	0.2659	1
Rv3147	nuoC	10	7	1783	451.8	-1331.2	-1.98	0.1464	1
Rv3148	nuoD	18	10	1791.3	1900.6	109.3	0.09	0.9136	1
Rv3149	nuoE	8	8	3640.9	3209.9	-431	-0.18	0.8852	1
Rv3150	nuoF	21	16	3638.4	1982.7	-1655.7	-0.88	0.0496	1
Rv3151	nuoG	24	15	5196.7	2052.6	-3144.1	-1.34	0.0896	1
Rv3152	nuoH	21	18	5002.2	3629.8	-1372.4	-0.46	0.3523	1
Rv3153	nuoI	18	13	9252.2	5698.1	-3554.1	-0.7	0.3737	1
Rv3154	nuoJ	8	6	457.5	446	-11.5	-0.04	0.97	1
Rv3155	nuoK	4	2	190.3	3.6	-186.7	-5.73	0.0308	1
Rv3156	nuoL	24	18	5833.3	3201.5	-2631.9	-0.87	0.1419	1
Rv3157	nuoM	23	15	3737.3	4283.9	546.6	0.2	0.8414	1
Rv3158	nuoN	25	23	19039.7	14788.3	-4251.5	-0.36	0.4387	1
Rv3159c	PPE53	21	17	18341.4	20251	1909.7	0.14	0.8248	1
Rv3160c	-	6	3	560	182.9	-377.1	-1.61	0.2438	1
Rv3161c	-	15	9	2446.4	2954.7	508.3	0.27	0.657	1
Rv3162c	-	5	3	1027.1	554.9	-472.2	-0.89	0.3268	1
Rv3163c	-	13	9	12014.6	6357.4	-5657.2	-0.92	0.3492	1
Rv3164c	moxR3	10	6	6687.5	3902.8	-2784.7	-0.78	0.5179	1
Rv3165c	-	1	1	275.6	296.4	20.7	0.1	1	1
Rv3166c	-	10	7	1515.9	3668.8	2152.9	1.28	0.4695	1
Rv3167c	-	8	6	1863.7	641.5	-1222.2	-1.54	0.0709	1
Rv3168	-	14	6	463	1344.5	881.5	1.54	0.8645	1
Rv3169	-	13	7	758.3	325.1	-433.2	-1.22	0.1973	1
Rv3170	aofH	10	9	2819.1	2605.5	-213.6	-0.11	0.8942	1
Rv3171c	hpx	9	7	964.3	593.9	-370.3	-0.7	0.3495	1
Rv3172c	-	13	12	5495.3	4955.9	-539.4	-0.15	0.7562	1
Rv3173c	-	5	2	22	265.1	243.1	3.59	1	1
Rv3174	-	9	6	970.7	743.9	-226.7	-0.38	0.7274	1
Rv3175	-	15	10	8598.9	9524.5	925.6	0.15	0.8243	1
Rv3176c	mesT	10	6	2652.6	2101.2	-551.5	-0.34	0.7206	1
Rv3177	-	5	3	218.9	299.5	80.5	0.45	0.68	1
Rv3178	-	6	5	2126.4	718.9	-1407.5	-1.56	0.3511	1
Rv3179	-	12	11	19677.3	14878	-4799.2	-0.4	0.6347	1
Rv3180c	-	4	4	312.3	1001.7	689.4	1.68	0.7879	1
Rv3181c	-	5	3	817	899.2	82.2	0.14	0.9542	1
Rv3182	-	1	0	0	0	0	0	1	1
Rv3183	-	2	1	1601.4	1108	-493.4	-0.53	0.6687	1
Rv3184	-	3	3	2747.7	1980.8	-766.9	-0.47	0.588	1
Rv3185	-	17	17	9360.4	9844.5	484.1	0.07	0.8813	1
Rv3186	-	3	3	2787.8	2018.8	-769.1	-0.47	0.7133	1
Rv3187	-	17	17	9302.9	11341.9	2039	0.29	0.5426	1
Rv3188	-	4	2	1731	1397.6	-333.4	-0.31	0.9696	1
Rv3189	-	7	6	5888.1	6229.3	341.2	0.08	0.8866	1
Rv3190c	-	19	17	11786.5	17205.6	5419.1	0.55	0.3639	1
Rv3191c	-	11	11	3982.1	3524.3	-457.7	-0.18	0.7399	1
Rv3192	-	4	4	946	486.9	-459	-0.96	0.2363	1
Rv3193c	-	65	2	9.1	1.2	-7.9	-2.93	1	1
Rv3194c	-	9	9	2097	7307.9	5210.8	1.8	0.9862	1
Rv3195	-	13	11	6825.3	5929.6	-895.7	-0.2	0.6551	1
Rv3196	-	7	7	13098.3	11531.2	-1567.1	-0.18	0.81	1
Rv3196A	-	1	1	603.6	856.2	252.6	0.5	0.6682	1
Rv3197	-	13	11	4177.4	9066.9	4889.5	1.12	0.3162	1
Rv3197A	whiB7	3	3	813.3	552.5	-260.8	-0.56	0.6993	1
Rv3198A	-	5	5	12656.4	12956.4	300	0.03	0.9584	1
Rv3198c	uvrD2	27	2	24258	33077.4	8819.4	0.45	0.6538	1
Rv3199c	nudC	7	7	3082.5	1577.2	-1505.3	-0.97	0.2637	1
Rv3200c	-	9	8	14609.6	7290.5	-7319.1	-1	0.4264	1
Rv3201c	-	26	17	2989.4	3488.3	498.9	0.22	0.7899	1
Rv3202c	-	21	14	3027.8	1800.1	-1227.7	-0.75	0.4101	1
Rv3203	lipV	9	8	3103.4	1495.5	-1607.9	-1.05	0.3183	1
Rv3204	-	3	1	294.7	119.8	-174.8	-1.3	0.656	1
Rv3205c	-	10	5	389.5	182.9	-206.7	-1.09	0.3658	1
Rv3206c	moeB1	17	1	1.8	0	-1.8	0.13	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3207c	-	13	10	552.6	149.8	-402.8	-1.88	0.0149	0.8721
Rv3208	-	8	0	0	0	0	0	1	1
Rv3208A	TB9.4	3	3	367.4	50.3	-317.1	-2.87	0.3178	1
Rv3209	-	7	6	16366.3	18380.3	2014	0.17	0.795	1
Rv3210c	-	8	3	216.7	0	-216.7	-6.76	0.0516	1
Rv3211	rhlE	20	2	3.7	0	-3.7	-0.87	0.4361	1
Rv3212	-	14	0	0	0	0	0	1	1
Rv3213c	-	7	7	4313.8	7528.4	3214.7	0.8	0.9604	1
Rv3214	gpm2	10	3	2355.5	2419.1	63.5	0.04	0.963	1
Rv3215	entC	13	0	0	0	0	0	1	1
Rv3216	-	4	4	5086.2	3829.4	-1256.8	-0.41	0.6255	1
Rv3217c	-	3	3	1642.7	995.5	-647.2	-0.72	0.4289	1
Rv3218	-	15	12	12096.5	15387.1	3290.5	0.35	0.6067	1
Rv3219	whiB1	3	0	0	0	0	0	1	1
Rv3220c	-	15	11	2270.4	1631.7	-638.8	-0.48	0.4093	1
Rv3221A	-	2	0	0	0	0	0	1	1
Rv3221c	TB7.3	2	0	0	0	0	0	1	1
Rv3222c	-	6	2	3.8	2.4	-1.4	-0.68	0.6543	1
Rv3223c	sigH	13	12	8926.8	3760.1	-5166.7	-1.25	0.1352	1
Rv3224	-	13	11	30485.4	23640.1	-6845.3	-0.37	0.4563	1
Rv3224A	-	2	2	577	1160.7	583.7	1.01	0.7114	1
Rv3224B	-	3	2	66.7	232.4	165.6	1.8	0.1957	1
Rv3225c	-	16	13	10379.5	12657.8	2278.3	0.29	0.8558	1
Rv3226c	-	4	4	2428.7	3852.3	1423.6	0.67	0.3846	1
Rv3227	aroA	5	0	0	0	0	0	1	1
Rv3228	-	4	0	0	0	0	0	1	1
Rv3229c	-	18	13	16520.3	3794.3	-12726	-2.12	0.0232	1
Rv3230c	-	12	8	2582.1	369.1	-2213	-2.81	0.0008	0.1451
Rv3231c	-	5	5	7135.5	6649.1	-486.4	-0.1	0.9007	1
Rv3232c	pvdS	19	19	25839.2	29630.8	3791.6	0.2	0.5647	1
Rv3233c	-	11	10	17519.4	24182	6662.6	0.46	0.2861	1
Rv3234c	-	13	12	23596.6	22300.1	-1296.6	-0.08	0.9056	1
Rv3235	-	4	4	1735	915.8	-819.2	-0.92	0.4415	1
Rv3236c	-	8	6	1508.9	2764.5	1255.7	0.87	0.4063	1
Rv3237c	-	6	5	3562.9	1945.2	-1617.7	-0.87	0.4223	1
Rv3238c	-	13	12	13256.4	10571.1	-2685.4	-0.33	0.6965	1
Rv3239c	-	46	42	118668.4	110014.2	-8654.2	-0.11	0.8597	1
Rv3240c	secA1	36	2	29.5	10.8	-18.7	-1.45	0.4325	1
Rv3241c	-	8	7	5408.5	7427.1	2018.7	0.46	0.4691	1
Rv3242c	-	4	4	1819.5	1235.8	-583.8	-0.56	0.8099	1
Rv3243c	-	3	3	757.1	1487.1	730	0.97	0.7466	1
Rv3244c	lpqB	16	0	0	0	0	0	1	1
Rv3245c	mtrB	16	1	1.8	0	-1.8	0.13	1	1
Rv3246c	mtrA	9	0	0	0	0	0	1	1
Rv3247c	tmk	8	0	0	0	0	0	1	1
Rv3248c	sahH	15	0	0	0	0	0	1	1
Rv3249c	-	10	9	1348.2	579.9	-768.3	-1.22	0.0832	1
Rv3250c	rubB	1	1	280.7	24	-256.8	-3.55	0.3327	1
Rv3251c	rubA	2	2	966.5	622.5	-343.9	-0.63	0.1992	1
Rv3252c	alkB	24	23	23427.3	20179.4	-3247.9	-0.22	0.6484	1
Rv3253c	-	14	10	7154.8	6846.8	-308	-0.06	0.954	1
Rv3254	-	15	12	17446.4	13977.8	-3468.6	-0.32	0.7451	1
Rv3255c	manA	16	0	0	0	0	0	1	1
Rv3256c	-	7	5	791.5	115	-676.5	-2.78	0.153	1
Rv3257c	manB	18	2	3.7	0	-3.7	-0.87	0.4205	1
Rv3258c	-	2	1	0	1.2	1.2	-0.74	1	1
Rv3259	-	1	1	301.3	157	-144.3	-0.94	1	1
Rv3260c	whiB2	2	0	0	0	0	0	1	1
Rv3261	fbiA	11	3	23.5	181.3	157.8	2.95	0.2089	1
Rv3262	fbiB	10	4	330.8	213.3	-117.4	-0.63	0.5156	1
Rv3263	-	20	17	22179.7	18608.4	-3571.3	-0.25	0.5688	1
Rv3264c	manB	12	0	0	0	0	0	1	1
Rv3265c	wbbL1	12	1	3.7	0	-3.7	-0.87	1	1
Rv3266c	rmlD	13	0	0	0	0	0	1	1
Rv3267	-	16	2	21	0	-21	-3.39	0.4265	1
Rv3268	-	13	12	8031.9	4000.9	-4031	-1.01	0.1253	1
Rv3269	-	4	0	0	0	0	0	1	1
Rv3270	ctpC	11	5	624.3	22.8	-601.5	-4.78	0.0079	0.6733

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3271c	-	5	3	48.7	31.2	-17.6	-0.65	0.573	1
Rv3272	-	16	13	22650.7	34536.1	11885.4	0.61	0.3422	1
Rv3273	-	24	16	7310.6	11398.6	4088	0.64	0.4707	1
Rv3274c	fadE25	12	8	348.8	587.2	238.4	0.75	0.5172	1
Rv3275c	purE	4	1	1	0	-1	1	1	1
Rv3276c	purK	7	0	0	0	0	0	1	1
Rv3277	-	11	3	4	0	-4	-1	0.1805	1
Rv3278c	-	6	5	2926.4	2027.7	-898.6	-0.53	0.5953	1
Rv3279c	birA	4	0	0	0	0	0	1	1
Rv3280	accD5	25	0	0	0	0	0	1	1
Rv3281	-	2	0	0	0	0	0	1	1
Rv3282	maf	11	5	1121.5	788.3	-333.2	-0.51	0.5442	1
Rv3283	sseA	12	1	0	28.8	28.8	3.85	1	1
Rv3284	-	5	5	275.9	1416.6	1140.7	2.36	0.2021	1
Rv3285	accA3	19	3	7.3	0	-7.3	-1.87	0.1856	1
Rv3286c	sigF	8	7	4147.8	4132.7	-15.1	-0.01	0.9919	1
Rv3287c	rsbW	2	2	1881.6	1560.5	-321	-0.27	0.7098	1
Rv3288c	usfY	6	6	6110.9	10560.9	4449.9	0.79	0.3744	1
Rv3289c	-	5	4	3640.2	2598.1	-1042.1	-0.49	0.4532	1
Rv3290c	lat	15	13	13387.7	11636.3	-1751.4	-0.2	0.7671	1
Rv3291c	-	7	6	1778.1	2795.6	1017.5	0.65	0.4748	1
Rv3292	-	14	11	3492.8	4978	1485.2	0.51	0.4715	1
Rv3293	pcd	10	10	4626.1	3292.7	-1333.4	-0.49	0.6371	1
Rv3294c	-	15	15	10748.4	8059.6	-2688.8	-0.42	0.6971	1
Rv3295	-	11	9	25406.2	18974.4	-6431.7	-0.42	0.4118	1
Rv3296	lhr	41	33	26010.1	30170.8	4160.7	0.21	0.6499	1
Rv3297	nei	5	5	2786.8	4900.3	2113.6	0.81	0.7481	1
Rv3298c	lpqC	7	6	6632.2	13171.5	6539.3	0.99	0.7809	1
Rv3299c	atsB	40	31	14904.6	16389	1484.4	0.14	0.8438	1
Rv3300c	-	8	6	2144.5	672.5	-1472	-1.67	0.2218	1
Rv3301c	phoY1	5	4	1202.8	770.3	-432.5	-0.64	0.505	1
Rv3302c	glpD2	25	1	1.8	0	-1.8	0.13	1	1
Rv3303c	lpdA	14	7	710.5	387.8	-322.7	-0.87	0.4633	1
Rv3304	-	5	3	127.1	188.5	61.4	0.57	0.5251	1
Rv3305c	amiA1	15	11	670	4986.2	4316.1	2.9	0.4083	1
Rv3306c	amiB1	14	7	1895.5	1162.5	-733	-0.71	0.343	1
Rv3307	deoD	8	6	2347.9	1210.3	-1137.6	-0.96	0.2062	1
Rv3308	pmmB	16	12	2304.3	2899.7	595.4	0.33	0.5485	1
Rv3309c	upp	7	5	6561.9	8236	1674.1	0.33	0.7558	1
Rv3310	-	9	9	7708.2	8988.2	1280	0.22	0.7385	1
Rv3311	-	10	9	31601.7	20586.5	-11015.3	-0.62	0.6792	1
Rv3312A	-	4	3	4110.5	4383.3	272.8	0.09	0.7983	1
Rv3312c	-	13	11	35189	46493.9	11304.9	0.4	0.681	1
Rv3313c	add	8	5	1327.5	830.6	-496.9	-0.68	0.5053	1
Rv3314c	deoA	7	7	10648.3	14714.9	4066.6	0.47	0.462	1
Rv3315c	cdd	2	2	1139.5	308.7	-830.8	-1.88	0.0162	0.9104
Rv3316	sdhC	5	5	2139.7	1707.2	-432.4	-0.33	0.6611	1
Rv3317	sdhD	2	2	380.2	308	-72.2	-0.3	0.8286	1
Rv3318	sdhA	22	19	9471.6	11615.5	2143.9	0.29	0.5624	1
Rv3319	sdhB	8	4	683.8	2743.4	2059.6	2	0.3038	1
Rv3320c	-	4	3	236.1	202.5	-33.6	-0.22	0.7738	1
Rv3321c	-	2	0	0	0	0	0	1	1
Rv3322c	-	6	6	2477.9	1082.5	-1395.4	-1.19	0.2141	1
Rv3323c	moaX	11	10	9271.3	7298.1	-1973.2	-0.35	0.5991	1
Rv3324c	moaC	9	8	53787.2	54372.4	585.2	0.02	0.9785	1
Rv3325	-	3	3	2798.7	1839.5	-959.2	-0.61	0.5671	1
Rv3326	-	17	17	9458.4	11070.1	1611.7	0.23	0.6529	1
Rv3327	-	16	16	9938.5	9011.2	-927.2	-0.14	0.779	1
Rv3328c	sigJ	11	5	8676.6	11726.1	3049.5	0.43	0.7789	1
Rv3329	-	15	14	6472.8	6845.8	373	0.08	0.8711	1
Rv3330	dacB1	14	13	36996.6	21978.1	-15018.5	-0.75	0.524	1
Rv3331	sugI	20	14	18323	10429.6	-7893.3	-0.81	0.2368	1
Rv3332	nagA	4	4	1375.2	218.5	-1156.7	-2.65	0.2021	1
Rv3333c	-	9	7	14463.5	15761.2	1297.8	0.12	0.8167	1
Rv3334	-	8	8	6860.3	4643.8	-2216.5	-0.56	0.4964	1
Rv3335c	-	7	3	1129.2	963.7	-165.5	-0.23	0.7974	1
Rv3336c	trpS	10	0	0	0	0	0	1	1
Rv3337	-	8	5	4395.1	5323.2	928.1	0.28	0.7107	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3338	-	4	3	1019.8	1208.9	189.1	0.25	0.7876	1
Rv3339c	icd1	17	14	3598.6	2706	-892.6	-0.41	0.5039	1
Rv3340	metC	13	5	4380.4	2263.1	-2117.3	-0.95	0.2526	1
Rv3341	metX	12	0	0	0	0	0	1	1
Rv3342	-	6	3	771.1	319.5	-451.6	-1.27	0.5234	1
Rv3343c	PPE54	110	79	71382.9	91907.3	20524.4	0.36	0.2884	1
Rv3344c	PE_PGRS49	5	3	375.6	620.9	245.2	0.73	0.7553	1
Rv3345c	PE_PGRS50	37	20	3064.4	6647	3582.6	1.12	0.5254	1
Rv3346c	-	3	2	3231.6	4156.5	924.9	0.36	0.6218	1
Rv3347c	PPE55	80	75	125876.2	125115.9	-760.3	-0.01	0.9845	1
Rv3348	-	2	2	32.3	14.4	-17.9	-1.17	0.3097	1
Rv3349c	-	2	2	732.4	628.5	-103.9	-0.22	0.591	1
Rv3350c	PPE56	94	88	121499	140329.7	18830.7	0.21	0.5055	1
Rv3351c	-	11	11	48082.1	37345	-10737.1	-0.36	0.6159	1
Rv3352c	-	1	1	87.3	0	-87.3	-5.45	0.3407	1
Rv3353c	-	3	2	11530.1	7378.4	-4151.7	-0.64	0.6353	1
Rv3354	-	5	5	3792.4	16410.5	12618.1	2.11	0.4399	1
Rv3355c	-	3	1	1014.4	900.2	-114.1	-0.17	1	1
Rv3356c	folD	6	1	1.8	0	-1.8	0.13	1	1
Rv3357	-	4	4	1429.2	1065.1	-364.1	-0.42	0.606	1
Rv3358	-	2	2	306.6	569.1	262.5	0.89	0.4268	1
Rv3359	-	16	16	22203.8	22140.5	-63.4	0	0.9944	1
Rv3360	-	2	2	5365.9	3036.4	-2329.4	-0.82	0.0275	1
Rv3361c	-	4	1	1.8	0	-1.8	0.13	1	1
Rv3362c	-	6	3	808.9	333.9	-475	-1.28	0.2594	1
Rv3363c	-	4	3	1348.4	815.3	-533.1	-0.73	0.5477	1
Rv3364c	-	4	3	1667	835.4	-831.6	-1	0.3404	1
Rv3365c	-	24	22	12004.6	23630.8	11626.1	0.98	0.1759	1
Rv3366	spoU	4	2	1987.2	1461.1	-526.1	-0.44	0.6891	1
Rv3367	PE_PGRS51	16	14	6581.8	20074.2	13492.5	1.61	0.5966	1
Rv3368c	-	7	7	5099	2759.7	-2339.3	-0.89	0.225	1
Rv3369	-	5	5	482.2	896.5	414.2	0.89	0.4941	1
Rv3370c	dnaE2	26	19	15750.7	21328.5	5577.8	0.44	0.5789	1
Rv3371	-	18	11	1363.5	2358.5	995.1	0.79	0.3397	1
Rv3372	otsB2	8	0	0	0	0	0	1	1
Rv3373	echA18	2	2	685.2	504.4	-180.8	-0.44	0.49	1
Rv3374	echA18.1	2	2	79.8	9.6	-70.2	-3.06	0.4279	1
Rv3375	amiD	18	13	1984.4	953.1	-1031.3	-1.06	0.1242	1
Rv3376	-	7	7	3817.6	1677.3	-2140.3	-1.19	0.2043	1
Rv3377c	-	45	28	3263.4	5251.3	1987.9	0.69	0.3338	1
Rv3378c	-	31	14	1367	3296.9	1929.9	1.27	0.2123	1
Rv3379c	dxs2	23	19	26044.2	22231.4	-3812.8	-0.23	0.7351	1
Rv3380c	-	17	17	13352.2	12098.2	-1254	-0.14	0.818	1
Rv3381c	-	3	3	2542.9	1956.4	-586.4	-0.38	0.6958	1
Rv3382c	lytB1	8	5	4569	5412.5	843.4	0.24	0.7476	1
Rv3383c	idsB	15	13	51526.1	73052.1	21526.1	0.5	0.6555	1
Rv3384c	-	2	2	2759.2	1753.1	-1006.1	-0.65	0.4289	1
Rv3385c	-	1	1	1667.8	799.2	-868.6	-1.06	0.6742	1
Rv3386	-	6	4	2355.6	2153.4	-202.1	-0.13	0.9042	1
Rv3387	-	4	3	465.4	429.6	-35.8	-0.12	0.9139	1
Rv3388	PE_PGRS52	14	11	2104.3	2794	689.7	0.41	0.7011	1
Rv3389c	-	5	5	3744.9	1699.7	-2045.2	-1.14	0.3357	1
Rv3390	lpqD	10	10	23999.3	20211.4	-3787.9	-0.25	0.6093	1
Rv3391	acrA1	25	23	41010.6	34804.9	-6205.7	-0.24	0.6948	1
Rv3392c	cmaA1	9	7	89.7	584.9	495.2	2.7	0.3644	1
Rv3393	iunH	9	8	7340.9	6716.9	-624	-0.13	0.8293	1
Rv3394c	-	8	6	3284.5	1870.4	-1414.1	-0.81	0.4616	1
Rv3395A	-	7	4	617.3	321.9	-295.4	-0.94	0.3439	1
Rv3395c	-	3	2	132.3	99.8	-32.5	-0.41	0.6671	1
Rv3396c	guaA	11	0	0	0	0	0	1	1
Rv3397c	phyA	13	10	2205.4	1335.2	-870.2	-0.72	0.3767	1
Rv3398c	idsA1	6	4	180.3	199.6	19.3	0.15	0.9209	1
Rv3399	-	13	9	1961.4	1439	-522.4	-0.45	0.5997	1
Rv3400	-	10	8	4223.3	8402.9	4179.6	0.99	0.9172	1
Rv3401	-	28	22	28320.9	27801.3	-519.6	-0.03	0.9598	1
Rv3402c	-	20	19	22088.2	29855.8	7767.6	0.43	0.4575	1
Rv3403c	-	18	17	59201.9	44994	-14207.9	-0.4	0.6812	1
Rv3404c	-	7	7	6339.1	4323.7	-2015.4	-0.55	0.3597	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3405c	-	6	5	5071.9	3067.2	-2004.7	-0.73	0.3704	1
Rv3406	-	11	10	14708.8	18845.2	4136.4	0.36	0.7519	1
Rv3407	-	2	2	2926.2	2413.6	-512.6	-0.28	0.647	1
Rv3408	-	6	5	6285.5	9887.2	3601.7	0.65	0.5216	1
Rv3409c	choD	15	13	6540.2	5086.8	-1453.3	-0.36	0.6413	1
Rv3410c	guaB3	10	2	4.8	0	-4.8	-1.27	0.4271	1
Rv3411c	guaB2	9	1	1	0	-1	1	1	1
Rv3412	-	7	7	3183.3	2268.3	-915	-0.49	0.5752	1
Rv3413c	-	4	4	6943.8	8454.9	1511.1	0.28	0.7583	1
Rv3414c	sigD	5	4	678.8	590.8	-87.9	-0.2	0.8824	1
Rv3415c	-	6	5	4028.5	1309.8	-2718.7	-1.62	0.1433	1
Rv3416	whiB3	3	3	1388.3	1050.9	-337.4	-0.4	0.6766	1
Rv3417c	groEL	12	7	2089.1	1684.4	-404.7	-0.31	0.6083	1
Rv3418c	groES	4	0	0	0	0	0	1	1
Rv3419c	gcp	12	8	6849.5	967.8	-5881.7	-2.82	0.0107	0.7762
Rv3420c	rimI	10	8	8101.9	5482.7	-2619.2	-0.56	0.5418	1
Rv3421c	-	9	5	460.7	58.7	-402	-2.97	0.0212	0.9952
Rv3422c	-	3	1	5.5	0	-5.5	-1.46	1	1
Rv3423c	alr	15	2	3	0	-3	-0.58	0.4447	1
Rv3424c	-	6	6	1940.6	1776.3	-164.3	-0.13	0.8867	1
Rv3425	PPE57	14	14	6227.5	4666.1	-1561.4	-0.42	0.5315	1
Rv3426	PPE58	21	17	3168.6	2623.4	-545.1	-0.27	0.7608	1
Rv3427c	-	6	6	1955.1	1194.5	-760.5	-0.71	0.2323	1
Rv3428c	-	13	9	1909	1193.8	-715.1	-0.68	0.5437	1
Rv3429	PPE59	19	19	11524.1	10297.6	-1226.5	-0.16	0.7424	1
Rv3430c	-	16	14	11289.9	16920.3	5630.4	0.58	0.6117	1
Rv3431c	-	7	5	3991	3950.4	-40.6	-0.01	0.9854	1
Rv3432c	gadB	17	16	22547.3	19616.5	-2930.8	-0.2	0.7633	1
Rv3433c	-	7	4	2959.5	2182.8	-776.8	-0.44	0.6519	1
Rv3434c	-	10	10	3688.7	2347.3	-1341.4	-0.65	0.2841	1
Rv3435c	-	10	8	17736.5	19283.5	1547	0.12	0.7789	1
Rv3436c	glmS	23	1	1.8	0	-1.8	0.13	1	1
Rv3437	-	6	5	7405.5	5119.3	-2286.2	-0.53	0.3892	1
Rv3438	-	9	7	456.9	181.7	-275.2	-1.33	0.1674	1
Rv3439c	-	5	5	22870.2	26663.3	3793.1	0.22	0.9413	1
Rv3440c	-	2	2	165.9	631.6	465.7	1.93	0.8927	1
Rv3441c	mrsA	13	0	0	0	0	0	1	1
Rv3442c	rpsI	6	0	0	0	0	0	1	1
Rv3443c	rplM	5	0	0	0	0	0	1	1
Rv3444c	esxT	1	1	56.7	19.2	-37.5	-1.56	1	1
Rv3445c	esxU	2	1	438.1	880.9	442.8	1.01	0.3388	1
Rv3446c	-	12	11	27654.2	26176.4	-1477.8	-0.08	0.9423	1
Rv3447c	-	40	25	14040.4	14028	-12.4	0	0.9992	1
Rv3448	-	20	12	2144.2	3735.6	1591.4	0.8	0.5248	1
Rv3449	mycP4	15	11	5845.8	6892.2	1046.4	0.24	0.6765	1
Rv3450c	-	11	9	8815.1	7497.7	-1317.4	-0.23	0.6892	1
Rv3451	cut3	12	11	19397.7	16484.7	-2913	-0.23	0.8433	1
Rv3452	cut4	5	4	2743.8	1663.6	-1080.2	-0.72	0.377	1
Rv3453	-	6	5	2081.8	1959.8	-121.9	-0.09	0.9135	1
Rv3454	-	20	16	8635.2	5536	-3099.2	-0.64	0.2506	1
Rv3455c	truA	8	0	0	0	0	0	1	1
Rv3456c	rplQ	6	0	0	0	0	0	1	1
Rv3457c	rpoA	9	1	1	0	-1	1	1	1
Rv3458c	rpsD	9	0	0	0	0	0	1	1
Rv3459c	rpsK	1	0	0	0	0	0	1	1
Rv3460c	rpsM	6	0	0	0	0	0	1	1
Rv3461c	rpmJ	1	0	0	0	0	0	1	1
Rv3462c	infA	3	0	0	0	0	0	1	1
Rv3463	-	15	12	18847.2	14716.1	-4131.1	-0.36	0.6545	1
Rv3464	rmlB	15	1	1	0	-1	1	1	1
Rv3465	rmlC	8	0	0	0	0	0	1	1
Rv3466	-	5	3	215.2	85.1	-130.1	-1.34	0.2272	1
Rv3467	-	13	12	6683.8	8087.9	1404	0.28	0.6458	1
Rv3468c	-	13	11	6591.9	6002.5	-589.4	-0.14	0.8981	1
Rv3469c	mhpE	9	8	4735.8	3600.3	-1135.6	-0.4	0.6486	1
Rv3470c	ilvB2	13	9	5171.9	3621.1	-1550.8	-0.51	0.5239	1
Rv3471c	-	6	5	3771.3	2510.8	-1260.5	-0.59	0.2656	1
Rv3472	-	10	10	4619.6	2915.6	-1704	-0.66	0.3741	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3473c	bpoA	7	6	20950.3	26246.8	5296.6	0.33	0.711	1
Rv3474	-	3	3	2697.9	1988	-709.9	-0.44	0.5654	1
Rv3475	-	19	19	9512.3	11852.2	2339.9	0.32	0.5092	1
Rv3476c	kgtP	27	25	11515.4	14918.8	3403.4	0.37	0.4649	1
Rv3477	PE31	3	3	1256.4	617.7	-638.6	-1.02	0.1491	1
Rv3478	PPE60	12	10	13188.5	10953.5	-2235	-0.27	0.7359	1
Rv3479	-	26	20	22945.4	16562.1	-6383.2	-0.47	0.6549	1
Rv3480c	-	24	16	7287.5	9148.4	1860.9	0.33	0.7734	1
Rv3481c	-	6	5	1620	2280.2	660.2	0.49	0.784	1
Rv3482c	-	7	5	19932	14519.8	-5412.2	-0.46	0.3743	1
Rv3483c	-	7	7	18598.4	17592.6	-1005.8	-0.08	0.877	1
Rv3484	cpsA	21	20	107789.3	45791.2	-61998.1	-1.24	0.0041	0.4421
Rv3485c	-	9	9	10016.7	9945.1	-71.5	-0.01	0.9923	1
Rv3486	-	4	4	4503.9	5944.6	1440.7	0.4	0.7184	1
Rv3487c	lipF	10	9	28251.7	28632.3	380.6	0.02	0.975	1
Rv3488	-	4	3	604.5	143.8	-460.7	-2.07	0.1164	1
Rv3489	-	1	0	0	0	0	0	1	1
Rv3490	otsA	26	1	3.7	0	-3.7	-0.87	1	1
Rv3491	-	8	6	3705.6	4060.6	355	0.13	0.8519	1
Rv3492c	-	7	7	2395.6	2501.2	105.6	0.06	0.9388	1
Rv3493c	-	8	7	6142	5996	-146	-0.03	0.9537	1
Rv3494c	mce4F	15	12	12320.7	11501.4	-819.3	-0.1	0.8861	1
Rv3495c	lprN	9	8	11368.6	13571.5	2202.8	0.26	0.7046	1
Rv3496c	mce4D	19	14	13311.9	19978.1	6666.2	0.59	0.4136	1
Rv3497c	mce4C	8	7	9015.4	9589.9	574.5	0.09	0.8564	1
Rv3498c	mce4B	10	7	26847.7	38418.4	11570.8	0.52	0.706	1
Rv3499c	mce4A	21	19	13065.5	14116.5	1050.9	0.11	0.7323	1
Rv3500c	yrbE4B	15	15	27701.1	39146.1	11444.9	0.5	0.3018	1
Rv3501c	yrbE4A	7	7	29038.6	37518.1	8479.6	0.37	0.7232	1
Rv3502c	fabG	10	8	7924.6	6447.5	-1477.1	-0.3	0.7226	1
Rv3503c	fdxD	2	2	1016.9	1046.6	29.6	0.04	1	1
Rv3504	fadE26	16	14	11755.7	14538.2	2782.5	0.31	0.6059	1
Rv3505	fadE27	9	7	848.9	332.7	-516.2	-1.35	0.339	1
Rv3506	fadD17	18	15	12129.8	25313.6	13183.8	1.06	0.4216	1
Rv3507	PE_PGRS53	34	17	2362.8	2500.8	138	0.08	0.9211	1
Rv3508	PE_PGRS54	24	7	107.2	515	407.8	2.26	0.1986	1
Rv3509c	ilvX	17	13	17273.1	14293.5	-2979.6	-0.27	0.6598	1
Rv3510c	-	12	12	8721.2	9765.8	1044.6	0.16	0.7757	1
Rv3511	PE_PGRS55	22	17	7354.1	7758.9	404.9	0.08	0.9026	1
Rv3512	PE_PGRS56	24	12	502.7	1470.1	967.4	1.55	0.1048	1
Rv3513c	fadD18	10	9	4678.8	4229.4	-449.4	-0.15	0.83	1
Rv3514	PE_PGRS57	22	7	1585.1	1612.8	27.6	0.02	0.9661	1
Rv3515c	fadD19	22	18	13058.9	10889.4	-2169.5	-0.26	0.7387	1
Rv3516	echA19	7	6	1047.8	219.3	-828.5	-2.26	0.1026	1
Rv3517	-	13	8	2666.9	2924.5	257.6	0.13	0.87	1
Rv3518c	cyp142	10	5	2376.7	2364.1	-12.6	-0.01	0.9944	1
Rv3519	-	9	8	16471	30122.2	13651.2	0.87	0.5307	1
Rv3520c	-	12	11	7387.4	7114.9	-272.5	-0.05	0.9423	1
Rv3521	-	11	9	7024.2	3900.3	-3123.9	-0.85	0.1037	1
Rv3522	ltp4	14	11	4634.4	2987.6	-1646.8	-0.63	0.1871	1
Rv3523	ltp3	12	8	2054.3	2394.2	339.9	0.22	0.8529	1
Rv3524	-	14	12	45355.3	47855.4	2500.1	0.08	0.9172	1
Rv3525c	-	8	7	6501.5	6466.5	-34.9	-0.01	0.9926	1
Rv3526	-	15	13	10422.8	14743.4	4320.5	0.5	0.6296	1
Rv3527	-	5	4	927.7	1363	435.3	0.56	0.5356	1
Rv3528c	-	28	7	391.9	470.1	78.2	0.26	0.8224	1
Rv3529c	-	21	11	2883.1	1142.3	-1740.8	-1.34	0.3093	1
Rv3530c	-	16	10	2425.9	1886.2	-539.8	-0.36	0.7312	1
Rv3531c	-	20	15	8209.8	6897.7	-1312.1	-0.25	0.7577	1
Rv3532	PPE61	16	15	25499	24056	-1443	-0.08	0.8906	1
Rv3533c	PPE62	15	12	6938.9	6851.7	-87.2	-0.02	0.9786	1
Rv3534c	-	5	3	5203.8	2698.6	-2505.2	-0.95	0.3693	1
Rv3535c	-	9	8	3380.6	2571.1	-809.5	-0.39	0.5443	1
Rv3536c	-	6	4	2133.4	2202.3	68.9	0.05	0.9525	1
Rv3537	-	26	14	21057.9	10848.5	-10209.4	-0.96	0.4418	1
Rv3538	-	10	2	348.6	0	-348.6	-7.45	0.427	1
Rv3539	PPE63	22	17	8781.2	8314	-467.2	-0.08	0.9556	1
Rv3540c	ltp2	15	6	260.2	324.8	64.5	0.32	0.8859	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3541c	-	6	2	308.9	202.5	-106.3	-0.61	0.6569	1
Rv3542c	-	12	10	5789.2	6894	1104.8	0.25	0.7746	1
Rv3543c	fadE29	13	7	1456.6	649	-807.5	-1.17	0.3379	1
Rv3544c	fadE28	15	13	37528.4	39201.9	1673.6	0.06	0.9433	1
Rv3545c	cyp125	16	12	11174.3	8977.7	-2196.6	-0.32	0.6389	1
Rv3546	fadA5	4	3	5042.4	3118.2	-1924.2	-0.69	0.5985	1
Rv3547	-	9	9	10012.8	6490.1	-3522.8	-0.63	0.1971	1
Rv3548c	-	6	6	5383.9	4652.5	-731.5	-0.21	0.7653	1
Rv3549c	-	8	7	4513.1	6545.2	2032	0.54	0.8202	1
Rv3550	echA20	3	2	152.8	125.8	-27	-0.28	0.885	1
Rv3551	-	10	5	1108.2	1353.2	244.9	0.29	0.8781	1
Rv3552	-	8	3	607.3	258	-349.3	-1.23	0.3731	1
Rv3553	-	5	4	191	257.2	66.1	0.43	0.6078	1
Rv3554	fdxB	21	18	10978.9	8702.5	-2276.4	-0.34	0.5156	1
Rv3555c	-	9	4	3678.2	3889.8	211.7	0.08	0.9605	1
Rv3556c	fadA6	10	6	2347.2	1458.6	-888.6	-0.69	0.5052	1
Rv3557c	-	14	11	3633.1	1539.5	-2093.6	-1.24	0.0364	1
Rv3558	PPE64	12	10	4022.5	6468.7	2446.2	0.69	0.3553	1
Rv3559c	-	6	6	1778.4	2828.5	1050.1	0.67	0.8278	1
Rv3560c	fadE30	11	9	2173	1077.9	-1095.1	-1.01	0.2058	1
Rv3561	fadD3	7	6	8837.4	3821.4	-5015.9	-1.21	0.3578	1
Rv3562	fadE31	11	2	382.7	62.3	-320.4	-2.62	0.0538	1
Rv3563	fadE32	9	7	21992.7	14517	-7475.8	-0.6	0.6108	1
Rv3564	fadE33	9	4	6741	6371.1	-369.8	-0.08	0.8946	1
Rv3565	aspB	13	3	307.5	574.5	266.9	0.9	0.9236	1
Rv3566A	-	3	2	2045.3	964.4	-1080.8	-1.08	0.5095	1
Rv3566c	nat	11	7	3344.2	1921.8	-1422.3	-0.8	0.4266	1
Rv3567c	-	7	4	1203	595.8	-607.2	-1.01	0.2594	1
Rv3568c	bphC	10	4	10368.2	22529.6	12161.4	1.12	0.87	1
Rv3569c	bphD	9	5	505.1	322.4	-182.7	-0.65	0.5248	1
Rv3570c	-	16	11	5587	12334.9	6747.8	1.14	0.4424	1
Rv3571	hmp	10	10	1419.7	2711.1	1291.4	0.93	0.624	1
Rv3572	-	5	4	2234.9	1972.5	-262.4	-0.18	0.8125	1
Rv3573c	fadE34	16	10	3237.7	13860.7	10623	2.1	0.2577	1
Rv3574	-	10	5	20	16.8	-3.2	-0.25	0.7972	1
Rv3575c	-	13	11	14665.3	14097.3	-568	-0.06	0.9136	1
Rv3576	lppH	7	6	2434.7	1523.6	-911.1	-0.68	0.4146	1
Rv3577	-	11	6	3207	1637.1	-1569.9	-0.97	0.1166	1
Rv3578	arsB2	9	9	6383	4442.5	-1940.4	-0.52	0.5548	1
Rv3579c	-	9	0	0	0	0	0	1	1
Rv3580c	cysS	21	0	0	0	0	0	1	1
Rv3581c	ispF	4	0	0	0	0	0	1	1
Rv3582c	ispD	9	0	0	0	0	0	1	1
Rv3583c	-	5	0	0	0	0	0	1	1
Rv3584	lpqE	3	1	988.8	386.6	-602.2	-1.35	0.3328	1
Rv3585	radA	14	10	5625.5	6177.3	551.8	0.13	0.8221	1
Rv3586	-	11	9	5147.2	189.3	-4957.8	-4.76	0.0001	0.0363
Rv3587c	-	10	1	0	66.3	66.3	5.05	1	1
Rv3588c	-	6	0	0	0	0	0	1	1
Rv3589	mutY	12	9	12181.1	10013.4	-2167.7	-0.28	0.7169	1
Rv3590c	PE_PGRS58	14	10	383.9	345	-38.9	-0.15	0.8548	1
Rv3591c	-	10	8	849.4	457.7	-391.7	-0.89	0.1191	1
Rv3592	TB11.2	2	2	430.8	277	-153.8	-0.64	0.5985	1
Rv3593	lpqF	12	0	0	0	0	0	1	1
Rv3594	-	9	9	5957.5	6698	740.5	0.17	0.8533	1
Rv3595c	PE_PGRS59	11	6	1638.5	4593.6	2955.1	1.49	0.7412	1
Rv3596c	clpC1	21	0	0	0	0	0	1	1
Rv3597c	lsr2	3	0	0	0	0	0	1	1
Rv3598c	lysS	26	0	0	0	0	0	1	1
Rv3599c	-	1	0	0	0	0	0	1	1
Rv3600c	-	12	11	6844.5	16174.1	9329.7	1.24	0.1368	1
Rv3601c	panD	7	0	0	0	0	0	1	1
Rv3602c	panC	9	0	0	0	0	0	1	1
Rv3603c	-	10	9	15156	16050.6	894.5	0.08	0.8936	1
Rv3604c	-	12	0	0	0	0	0	1	1
Rv3605c	-	4	4	3110.5	4080.8	970.3	0.39	0.6401	1
Rv3606c	folK	4	2	931.5	236.1	-695.4	-1.98	0.2584	1
Rv3607c	folB	5	1	510.1	806.5	296.5	0.66	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3608c	folP1	6	0	0	0	0	0	1	1
Rv3609c	folE	9	0	0	0	0	0	1	1
Rv3610c	ftsH	23	3	85.2	149.8	64.6	0.81	0.5346	1
Rv3611	-	0	0	0	0	0	0	1	1
Rv3612c	-	2	1	662.7	318.3	-344.4	-1.06	0.3305	1
Rv3613c	-	0	0	0	0	0	0	1	1
Rv3614c	-	7	6	11901	12065.2	164.1	0.02	0.9793	1
Rv3615c	-	9	8	15784	17453.3	1669.3	0.15	0.8218	1
Rv3616c	-	9	8	6918.7	4662.1	-2256.7	-0.57	0.5356	1
Rv3617	ephA	15	14	52438.3	52198.9	-239.4	-0.01	0.9917	1
Rv3618	-	18	15	4571.4	3474.2	-1097.2	-0.4	0.5346	1
Rv3619c	esxV	3	3	2908.9	3223.2	314.3	0.15	0.8339	1
Rv3620c	esxW	2	2	394.5	663.3	268.8	0.75	0.4208	1
Rv3621c	PPE65	10	9	33733.1	29936.8	-3796.3	-0.17	0.8585	1
Rv3622c	PE32	4	4	7435.9	6781.3	-654.6	-0.13	0.919	1
Rv3623	lpqG	5	4	7556	12348.4	4792.4	0.71	0.5791	1
Rv3624c	hpt	9	0	0	0	0	0	1	1
Rv3625c	mesJ	6	0	0	0	0	0	1	1
Rv3626c	-	10	8	3841.3	2683.6	-1157.7	-0.52	0.5622	1
Rv3627c	-	11	0	0	0	0	0	1	1
Rv3628	ppa	8	0	0	0	0	0	1	1
Rv3629c	-	12	12	18597.5	19927.9	1330.4	0.1	0.8709	1
Rv3630	-	21	15	3782.6	2288.1	-1494.5	-0.73	0.2141	1
Rv3631	-	2	1	3339.2	315.2	-3024.1	-3.41	0.3355	1
Rv3632	-	5	5	3355.1	488.5	-2866.7	-2.78	0.0001	0.0363
Rv3633	-	12	10	8858.2	10660.1	1801.9	0.27	0.7093	1
Rv3634c	galE1	17	0	0	0	0	0	1	1
Rv3635	-	20	0	0	0	0	0	1	1
Rv3636	-	3	3	503.2	768.6	265.4	0.61	0.8097	1
Rv3637	-	4	2	1583.8	1969.8	386	0.31	0.8281	1
Rv3638	-	9	7	3654.6	2520.8	-1133.8	-0.54	0.3696	1
Rv3639c	-	8	4	6549	3092.2	-3456.8	-1.08	0.3263	1
Rv3640c	-	12	11	3353.1	2100.4	-1252.7	-0.67	0.3188	1
Rv3641c	fic	7	6	1948.4	2383.1	434.7	0.29	0.6452	1
Rv3642c	-	2	2	2061.5	1755.4	-306.1	-0.23	0.8858	1
Rv3643	-	5	4	1958.3	1038.6	-919.7	-0.91	0.2737	1
Rv3644c	-	11	0	0	0	0	0	1	1
Rv3645	-	19	0	0	0	0	0	1	1
Rv3646c	topA	38	0	0	0	0	0	1	1
Rv3647c	-	7	5	651.5	4063.2	3411.7	2.64	0.7963	1
Rv3648c	cspA	4	0	0	0	0	0	1	1
Rv3649	-	26	18	7537.4	4801.9	-2735.5	-0.65	0.3279	1
Rv3650	PE33	3	1	1139.1	770.2	-368.9	-0.56	1	1
Rv3651	-	12	3	984.2	743.8	-240.4	-0.4	0.6366	1
Rv3652	PE_PGRS60	4	3	1398.9	938.7	-460.2	-0.58	0.5211	1
Rv3653	PE_PGRS61	4	2	657.2	956.5	299.3	0.54	0.623	1
Rv3654c	-	0	0	0	0	0	0	1	1
Rv3655c	-	4	3	742.7	833.5	90.7	0.17	0.7896	1
Rv3656c	-	3	3	231.2	318.6	87.4	0.46	0.7323	1
Rv3657c	-	5	4	1493.7	1089.6	-404.1	-0.46	0.6561	1
Rv3658c	-	7	3	1362.2	261.6	-1100.6	-2.38	0.2739	1
Rv3659c	-	5	5	2738.6	2554.1	-184.5	-0.1	0.925	1
Rv3660c	-	6	3	614.1	79.1	-535	-2.96	0.1411	1
Rv3661	-	11	10	5528.8	2859.1	-2669.7	-0.95	0.1831	1
Rv3662c	-	3	0	0	0	0	0	1	1
Rv3663c	dppD	20	10	4042.7	3411	-631.7	-0.25	0.7772	1
Rv3664c	dppC	11	4	3031.8	4356.3	1324.5	0.52	0.7957	1
Rv3665c	dppB	12	6	1617.4	1432.9	-184.5	-0.17	0.726	1
Rv3666c	dppA	19	6	1173.9	898	-275.9	-0.39	0.7893	1
Rv3667	acs	30	23	24774.3	18992.1	-5782.2	-0.38	0.4637	1
Rv3668c	-	6	6	2456.5	3794.2	1337.7	0.63	0.7249	1
Rv3669	-	3	1	4	0	-4	-1	1	1
Rv3670	ephE	10	0	0	0	0	0	1	1
Rv3671c	-	10	0	0	0	0	0	1	1
Rv3672c	-	6	4	328.4	242.4	-86	-0.44	0.791	1
Rv3673c	-	5	1	1	0	-1	1	1	1
Rv3674c	nth	7	5	1860.1	2235.9	375.8	0.27	0.682	1
Rv3675	-	3	3	2638.3	6723.3	4085	1.35	0.6931	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3676	-	2	1	0	2.4	2.4	0.26	1	1
Rv3677c	-	9	6	2861.3	2257.7	-603.5	-0.34	0.6791	1
Rv3678A	-	1	1	2548.5	1385.4	-1163	-0.88	0.3373	1
Rv3678c	-	4	3	567	1103	536	0.96	0.3934	1
Rv3679	-	11	4	661.9	15.6	-646.3	-5.41	0.123	1
Rv3680	-	17	8	360	31.2	-328.9	-3.53	0.0081	0.6733
Rv3681c	whiB4	4	4	1031.3	2098	1066.7	1.02	0.4594	1
Rv3682	ponA2	31	16	1603.7	27.6	-1576.1	-5.86	0	0
Rv3683	-	11	10	17718.4	7686.9	-10031.5	-1.2	0.2005	1
Rv3684	-	14	13	5534.9	4094.5	-1440.4	-0.43	0.3795	1
Rv3685c	cyp137	14	12	21835.4	10950.1	-10885.3	-1	0.0743	1
Rv3686c	-	4	4	23584.9	23921.8	337	0.02	0.9607	1
Rv3687c	rsfB	4	2	854.3	428.2	-426.1	-1	0.2561	1
Rv3688c	-	4	3	2213.3	722.9	-1490.4	-1.61	0.1076	1
Rv3689	-	23	16	14037.2	18013	3975.8	0.36	0.8085	1
Rv3690	-	9	7	845.6	952.2	106.7	0.17	0.8677	1
Rv3691	-	11	9	4127.1	2227.2	-1899.9	-0.89	0.1715	1
Rv3692	moxR2	12	11	2857.3	2517	-340.2	-0.18	0.7929	1
Rv3693	-	11	6	5761.9	3940.4	-1821.5	-0.55	0.6078	1
Rv3694c	-	12	10	2914.9	2418.3	-496.5	-0.27	0.6513	1
Rv3695	-	9	7	2830.2	1932.5	-897.7	-0.55	0.5838	1
Rv3696c	glpK	22	20	4107.6	199.3	-3908.3	-4.37	0	0
Rv3697c	-	8	7	6268.7	8357.9	2089.2	0.41	0.5664	1
Rv3698	-	30	23	7362.1	9307.3	1945.3	0.34	0.6992	1
Rv3699	-	8	7	2412.5	1714.7	-697.8	-0.49	0.6877	1
Rv3700c	-	11	10	2386.3	6448	4061.7	1.43	0.8553	1
Rv3701c	-	9	3	455	166.9	-288.1	-1.45	0.0794	1
Rv3702c	-	7	5	337.2	389.5	52.3	0.21	0.9431	1
Rv3703c	-	14	12	4622.6	4250.8	-371.8	-0.12	0.7863	1
Rv3704c	gshA	11	7	6307.6	5227.3	-1080.3	-0.27	0.7411	1
Rv3705A	-	4	3	718.3	2383.8	1665.5	1.73	0.1911	1
Rv3705c	-	5	5	1614.5	4844.6	3230.1	1.59	0.2567	1
Rv3706c	-	3	2	6092.1	9244.2	3152.2	0.6	0.1864	1
Rv3707c	-	12	11	22163.8	31422.2	9258.4	0.5	0.5459	1
Rv3708c	asd	8	0	0	0	0	0	1	1
Rv3709c	ask	10	1	2	0	-2	0	1	1
Rv3710	leuA	22	0	0	0	0	0	1	1
Rv3711c	dnaQ	12	10	8379.5	8384.1	4.7	0	0.9992	1
Rv3712	-	6	0	0	0	0	0	1	1
Rv3713	cobQ2	8	0	0	0	0	0	1	1
Rv3714c	-	10	9	27337.2	24077.2	-3259.9	-0.18	0.7826	1
Rv3715c	recR	3	1	13.8	0	-13.8	-2.79	0.3338	1
Rv3716c	-	3	1	171.7	66.3	-105.4	-1.37	0.6685	1
Rv3717	-	9	8	2356.3	3786.5	1430.2	0.68	0.4775	1
Rv3718c	-	4	3	165.2	134.6	-30.6	-0.3	0.8216	1
Rv3719	-	24	16	4626.8	4522.2	-104.5	-0.03	0.9576	1
Rv3720	-	27	24	20376.3	14910.2	-5466	-0.45	0.5968	1
Rv3721c	dnaZX	18	1	0	1.2	1.2	-0.74	1	1
Rv3722c	-	22	0	0	0	0	0	1	1
Rv3723	-	8	8	46994.7	42390.8	-4603.9	-0.15	0.8633	1
Rv3724A	cut5a	2	2	116.3	224	107.6	0.95	0.8853	1
Rv3724B	cut5b	15	12	11969.7	13585.4	1615.7	0.18	0.9368	1
Rv3725	-	7	7	10653.9	11415.7	761.9	0.1	0.8697	1
Rv3726	-	12	12	22462.4	16191.6	-6270.8	-0.47	0.6606	1
Rv3727	-	30	29	30148.8	24385.6	-5763.2	-0.31	0.3256	1
Rv3728	-	20	19	23409.7	22279.6	-1130.2	-0.07	0.897	1
Rv3729	-	22	18	26470.3	28600.2	2129.9	0.11	0.7988	1
Rv3730c	-	15	12	18716.4	18623.5	-92.8	-0.01	0.9922	1
Rv3731	ligC	14	11	15170.8	11326.4	-3844.4	-0.42	0.3655	1
Rv3732	-	13	11	17852.5	16091.9	-1760.7	-0.15	0.8471	1
Rv3733c	-	3	2	1737.3	1551.7	-185.7	-0.16	0.8808	1
Rv3734c	-	16	14	32283.9	19166.2	-13117.6	-0.75	0.1128	1
Rv3735	-	5	5	5747.3	5813.9	66.5	0.02	0.9826	1
Rv3736	-	13	13	60410.7	38325.5	-22085.1	-0.66	0.4644	1
Rv3737	-	13	9	3015.6	2231.4	-784.2	-0.43	0.4532	1
Rv3738c	PPE66	11	11	8439.8	5550.2	-2889.6	-0.6	0.4217	1
Rv3739c	PPE67	4	3	4042.4	3374	-668.4	-0.26	0.6532	1
Rv3740c	-	13	13	25897.3	21309.7	-4587.7	-0.28	0.5377	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3741c	-	5	4	1596.8	997.4	-599.4	-0.68	0.3795	1
Rv3742c	-	5	4	7341.1	6297.8	-1043.3	-0.22	0.6538	1
Rv3743c	ctpJ	23	21	20680	18340.8	-2339.2	-0.17	0.7389	1
Rv3744	-	6	5	2402.6	2468.3	65.7	0.04	0.951	1
Rv3745c	-	2	1	772.2	586.9	-185.3	-0.4	1	1
Rv3746c	PE34	5	3	3010.2	4282.5	1272.3	0.51	0.9898	1
Rv3747	-	3	3	2182.1	4209.9	2027.8	0.95	0.5312	1
Rv3748	-	4	4	2554.3	2612.7	58.4	0.03	0.9769	1
Rv3749c	-	11	11	6161.7	7522.4	1360.7	0.29	0.7485	1
Rv3750c	-	5	5	7207.1	5523.1	-1684	-0.38	0.5996	1
Rv3751	-	1	1	2886.5	3345.6	459.1	0.21	1	1
Rv3752c	-	2	0	0	0	0	0	1	1
Rv3753c	-	4	0	0	0	0	0	1	1
Rv3754	tyrA	8	0	0	0	0	0	1	1
Rv3755c	-	9	7	1397	909.9	-487	-0.62	0.4495	1
Rv3756c	proZ	11	9	10521.4	6910.6	-3610.8	-0.61	0.3937	1
Rv3757c	proW	12	8	9274.6	14719.8	5445.2	0.67	0.7403	1
Rv3758c	proV	11	7	4690.9	5182.2	491.4	0.14	0.8822	1
Rv3759c	proX	11	8	7193.2	7959.5	766.3	0.15	0.8997	1
Rv3760	-	5	4	4596.3	4091.8	-504.5	-0.17	0.9313	1
Rv3761c	fadE36	14	11	4471.3	4789.3	318	0.1	0.9562	1
Rv3762c	-	23	22	15248.1	11364.3	-3883.9	-0.42	0.384	1
Rv3763	lpqH	6	4	489.3	1367.4	878.1	1.48	0.8361	1
Rv3764c	-	10	0	0	0	0	0	1	1
Rv3765c	-	11	11	13961.1	18840.3	4879.2	0.43	0.6321	1
Rv3766	-	13	13	1166	1833.2	667.1	0.65	0.3537	1
Rv3767c	-	12	8	21073.4	35396.3	14322.9	0.75	0.7783	1
Rv3768	-	8	6	2874	2217.6	-656.4	-0.37	0.6182	1
Rv3769	-	1	1	1265.5	1030.1	-235.4	-0.3	1	1
Rv3770A	-	2	2	374.8	664.6	289.9	0.83	0.7123	1
Rv3770B	-	2	1	615	869.6	254.7	0.5	0.676	1
Rv3770c	-	1	1	8236	8502.4	266.4	0.05	1	1
Rv3771c	-	2	1	215.4	74.3	-141.1	-1.54	0.3364	1
Rv3772	hisC2	16	11	7849.9	6830	-1019.9	-0.2	0.7347	1
Rv3773c	-	7	6	5524.3	2464.4	-3059.9	-1.16	0.3468	1
Rv3774	echA21	9	9	8941.6	7296.1	-1645.5	-0.29	0.7251	1
Rv3775	lipE	17	17	21076.4	21658.1	581.7	0.04	0.9447	1
Rv3776	-	15	15	4750.2	3832.5	-917.7	-0.31	0.6596	1
Rv3777	-	13	11	7435.1	8034.2	599.1	0.11	0.8966	1
Rv3778c	-	11	0	0	0	0	0	1	1
Rv3779	-	29	23	16311.7	992	-15319.7	-4.04	0	0
Rv3780	-	6	0	0	0	0	0	1	1
Rv3781	rfbE	7	0	0	0	0	0	1	1
Rv3782	-	12	0	0	0	0	0	1	1
Rv3783	rfbD	7	0	0	0	0	0	1	1
Rv3784	-	22	21	30399.4	38199.6	7800.2	0.33	0.4497	1
Rv3785	-	10	9	9397.5	7820.3	-1577.2	-0.27	0.5792	1
Rv3786c	-	18	17	29481.9	38275	8793.2	0.38	0.4939	1
Rv3787c	-	6	5	3174.5	3333.3	158.8	0.07	0.979	1
Rv3788	-	4	3	8857.8	4507.2	-4350.6	-0.97	0.3403	1
Rv3789	-	7	0	0	0	0	0	1	1
Rv3790	-	20	1	2	0	-2	0	1	1
Rv3791	-	8	0	0	0	0	0	1	1
Rv3792	-	22	0	0	0	0	0	1	1
Rv3793	embC	38	0	0	0	0	0	1	1
Rv3794	embA	44	2	1090.5	1191.7	101.3	0.13	1	1
Rv3795	embB	38	0	0	0	0	0	1	1
Rv3796	-	18	18	17999.9	18471.6	471.7	0.04	0.9483	1
Rv3797	fadE35	17	14	9664.8	7201.7	-2463.2	-0.42	0.4532	1
Rv3798	-	11	9	12688.4	17070.9	4382.5	0.43	0.8333	1
Rv3799c	accD4	13	0	0	0	0	0	1	1
Rv3800c	pks13	40	0	0	0	0	0	1	1
Rv3801c	fadD32	18	1	1.8	2.4	0.6	0.39	1	1
Rv3802c	-	18	0	0	0	0	0	1	1
Rv3803c	fbpD	11	10	14206.8	11560	-2646.7	-0.3	0.7732	1
Rv3804c	fbpA	13	7	311.6	91.1	-220.5	-1.77	0.2188	1
Rv3805c	-	29	1	0	66.3	66.3	5.05	1	1
Rv3806c	-	15	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3807c	-	4	2	3172.3	4122.2	949.9	0.38	0.8848	1
Rv3808c	glfT	21	1	1	0	-1	1	1	1
Rv3809c	glf	28	0	0	0	0	0	1	1
Rv3810	pirG	10	1	1.8	0	-1.8	0.13	1	1
Rv3811	-	20	17	15108.1	10151.1	-4957	-0.57	0.2594	1
Rv3812	PE_PGRS62	23	20	9196.3	14640.8	5444.5	0.67	0.4042	1
Rv3813c	-	11	9	4966.5	3216.7	-1749.9	-0.63	0.3327	1
Rv3814c	-	10	9	2621.2	3547.1	925.9	0.44	0.4561	1
Rv3815c	-	8	6	15186.8	19276.7	4090	0.34	0.6402	1
Rv3816c	-	8	8	3033.5	1070.3	-1963.2	-1.5	0.1223	1
Rv3817	-	4	4	1477.3	1771.8	294.4	0.26	0.7108	1
Rv3818	-	25	14	14138.7	6091.5	-8047.1	-1.21	0.3851	1
Rv3819	-	7	5	2559.7	2948.8	389.1	0.2	0.7515	1
Rv3820c	papA2	30	23	15493.3	18441.6	2948.3	0.25	0.7152	1
Rv3821	-	14	10	24784.4	27622.3	2838	0.16	0.801	1
Rv3822	-	33	28	27110.7	30210.6	3100	0.16	0.7054	1
Rv3823c	mmpL8	68	48	42963.2	30926	-12037.2	-0.47	0.4123	1
Rv3824c	papA1	33	24	11364.3	13227.8	1863.5	0.22	0.7586	1
Rv3825c	pks2	91	78	114300.6	123719.6	9419	0.11	0.7878	1
Rv3826	fadD23	44	29	20287.2	23601.7	3314.5	0.22	0.8044	1
Rv3827c	-	12	10	11373.6	17493.5	6119.9	0.62	0.6723	1
Rv3828c	-	6	6	9611.7	7603	-2008.7	-0.34	0.6776	1
Rv3829c	-	20	18	11078.1	13489.1	2411	0.28	0.6981	1
Rv3830c	-	9	8	1464	2159.3	695.3	0.56	0.7974	1
Rv3831	-	10	9	26396.2	17892.1	-8504	-0.56	0.3744	1
Rv3832c	-	8	7	16700.6	16076.6	-624	-0.05	0.939	1
Rv3833	-	8	6	2453	2861.6	408.6	0.22	0.7692	1
Rv3834c	serS	19	0	0	0	0	0	1	1
Rv3835	-	13	11	2038.5	1458.5	-579.9	-0.48	0.5154	1
Rv3836	-	5	4	5086.8	6588.1	1501.2	0.37	0.6454	1
Rv3837c	-	8	7	7560.2	4461.8	-3098.3	-0.76	0.1953	1
Rv3838c	pheA	9	0	0	0	0	0	1	1
Rv3839	-	12	10	10005.1	8045.3	-1959.8	-0.31	0.5817	1
Rv3840	-	9	9	53289.1	49643.9	-3645.2	-0.1	0.8648	1
Rv3841	bfrB	6	3	100.4	7.2	-93.2	-3.8	0.0868	1
Rv3842c	glpQ1	11	10	129082.1	47744.3	-81337.8	-1.43	0.0371	1
Rv3843c	-	15	2	2294.5	371	-1923.5	-2.63	0.0589	1
Rv3844	-	2	2	37.1	10.8	-26.3	-1.78	0.109	1
Rv3845	-	5	3	878.3	553.2	-325.1	-0.67	0.6718	1
Rv3846	sodA	10	0	0	0	0	0	1	1
Rv3847	-	3	3	1404.1	1658.5	254.4	0.24	0.9655	1
Rv3848	-	7	4	3562.8	671.2	-2891.6	-2.41	0.0417	1
Rv3849	espR	9	8	331	516	185	0.64	0.6105	1
Rv3850	-	5	4	1575.7	379.4	-1196.3	-2.05	0.1664	1
Rv3851	-	2	2	357.7	1763.2	1405.6	2.3	0.1152	1
Rv3852	hns	3	3	1089.5	488.5	-601.1	-1.16	0.1453	1
Rv3853	menG	2	1	1996.5	1791.5	-205	-0.16	1	1
Rv3854c	ethA	23	21	28322.4	25202.6	-3119.8	-0.17	0.7893	1
Rv3855	ethR	9	7	1899.3	665.3	-1234	-1.51	0.0563	1
Rv3856c	-	5	4	12873.9	13024.2	150.2	0.02	0.9952	1
Rv3857c	-	2	2	2631.3	3894.5	1263.2	0.57	0.5202	1
Rv3858c	gltD	8	0	0	0	0	0	1	1
Rv3859c	gltB	61	1	1.8	0	-1.8	0.13	1	1
Rv3860	-	11	11	7522.7	6692.7	-830	-0.17	0.7944	1
Rv3861	-	0	0	0	0	0	0	1	1
Rv3862c	whiB6	3	2	5739.4	3457.8	-2281.6	-0.73	0.2731	1
Rv3863	-	10	5	22183.5	17845.5	-4337.9	-0.31	0.8345	1
Rv3864	-	14	12	3274.1	2324.9	-949.1	-0.49	0.5085	1
Rv3865	-	6	5	5968.9	4281.9	-1687	-0.48	0.5443	1
Rv3866	-	8	6	13400	11215	-2185	-0.26	0.7248	1
Rv3867	-	4	4	1188.7	1061.3	-127.4	-0.16	0.8714	1
Rv3868	-	24	21	10655.7	17019.7	6364	0.68	0.3474	1
Rv3869	-	21	15	20252.5	23722.7	3470.3	0.23	0.7983	1
Rv3870	-	30	26	21908.7	21229.5	-679.2	-0.05	0.9168	1
Rv3871	-	19	16	14347.3	12703	-1644.4	-0.18	0.6996	1
Rv3872	PE35	0	0	0	0	0	0	1	1
Rv3873	PPE68	10	0	0	0	0	0	1	1
Rv3874	esxB	4	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd plnk	Sum Rd colony	Delta Rd	log2 (colony/plnk)	p-value	Q-value
Rv3875	esxA	4	0	0	0	0	0	1	1
Rv3876	-	17	0	0	0	0	0	1	1
Rv3877	-	19	0	0	0	0	0	1	1
Rv3878	-	4	0	0	0	0	0	1	1
Rv3879c	-	19	0	0	0	0	0	1	1
Rv3880c	-	4	3	1958.5	2561.3	602.8	0.39	0.7055	1
Rv3881c	-	17	15	7939	10858.4	2919.4	0.45	0.6926	1
Rv3882c	-	18	15	42054.1	39817.8	-2236.3	-0.08	0.8962	1
Rv3883c	mycP1	12	10	32391.4	33398.3	1006.9	0.04	0.9676	1
Rv3884c	-	27	19	11187.6	13369.6	2182	0.26	0.7079	1
Rv3885c	-	21	11	12586.2	8580.6	-4005.6	-0.55	0.6287	1
Rv3886c	mycP2	17	16	7188.4	3840.6	-3347.8	-0.9	0.0625	1
Rv3887c	-	19	17	5612.4	6864.6	1252.2	0.29	0.5448	1
Rv3888c	-	20	13	5513.8	5320.8	-193	-0.05	0.9322	1
Rv3889c	-	13	10	19720.4	24442.9	4722.4	0.31	0.5607	1
Rv3890c	esxC	2	2	1027.2	2986.9	1959.7	1.54	0.3424	1
Rv3891c	esxD	6	6	12552.4	14474.8	1922.5	0.21	0.7458	1
Rv3892c	PPE69	9	7	8377.4	16755.2	8377.7	1	0.2399	1
Rv3893c	PE36	2	2	1977.5	1158.8	-818.7	-0.77	0.2512	1
Rv3894c	-	40	30	17770.9	12884.3	-4886.6	-0.46	0.43	1
Rv3895c	-	9	8	7159	2956.1	-4202.9	-1.28	0.0502	1
Rv3896c	-	11	11	5414.9	3433.3	-1981.6	-0.66	0.3712	1
Rv3897c	-	6	6	6254.9	5497.2	-757.7	-0.19	0.6661	1
Rv3898c	-	6	6	4707.7	4319.5	-388.2	-0.12	0.8528	1
Rv3899c	-	12	10	12848	10295.8	-2552.2	-0.32	0.7232	1
Rv3900c	-	12	10	8783.7	5248.6	-3535.2	-0.74	0.4691	1
Rv3901c	-	11	11	24868.9	33269.4	8400.4	0.42	0.5274	1
Rv3902c	-	21	0	0	0	0	0	1	1
Rv3903c	-	41	34	30197.9	33581	3383.1	0.15	0.8399	1
Rv3904c	esxE	2	1	961.4	368.1	-593.2	-1.38	0.6767	1
Rv3905c	esxF	4	4	10469.4	5155.3	-5314.1	-1.02	0.3696	1
Rv3906c	-	8	6	2548.4	1693.8	-854.6	-0.59	0.5196	1
Rv3907c	pcnA	14	0	0	0	0	0	1	1
Rv3908	-	10	5	7827.8	6165.4	-1662.4	-0.34	0.7834	1
Rv3909	-	27	1	1.8	0	-1.8	0.13	1	1
Rv3910	-	44	10	14186.8	2367.3	-11819.5	-2.58	0.0027	0.3265
Rv3911	sigM	6	5	3517.3	3103.2	-414.1	-0.18	0.8765	1
Rv3912	-	5	4	2347.4	2456.5	109	0.07	0.9273	1
Rv3913	trxB2	12	0	0	0	0	0	1	1
Rv3914	trxC	4	0	0	0	0	0	1	1
Rv3915	-	19	0	0	0	0	0	1	1
Rv3916c	-	8	1	14.8	82.7	67.9	2.48	1	1
Rv3917c	parB	15	1	0	6	6	1.58	1	1
Rv3918c	parA	17	0	0	0	0	0	1	1
Rv3919c	gidB	10	7	1012.6	675.4	-337.2	-0.58	0.5881	1
Rv3920c	-	3	3	940.3	74.3	-866	-3.66	0.0034	0.3876
Rv3921c	-	17	0	0	0	0	0	1	1
Rv3922c	-	9	6	1517.5	867.5	-650	-0.81	0.4253	1
Rv3923c	rnpA	2	0	0	0	0	0	1	1
Rv3924c	rpmH	2	0	0	0	0	0	1	1

‘N’ represents number TA dinucleotides as potential transposon insertion sites in each annotated gene; ‘TAs’ hit represents the number of TA dinucleotides in the indicated locus in which at least one transposon insertion was detected by sequencing; ‘Sum Rd' represents the sum of the reads in that gene across replicates after normalization for the given growth condition; ‘Delta Rd' represents the difference in read counts between growth conditions; ‘log2(colony/plnk)' represents log base 2 of the sum of reads in the colony biofilm replicates over the sum of reads in the planktonic replicates after normalization; ‘p-value' represents probability calculated by TRANSIT resampling permutation test; ‘Q-value' is an adjusted p-value that quantifies the statistical significance of the log2(colony/plnk) value.

Table B3: Profiling genetic factors conferring a fitness advantage during RIF exposure in *M. tuberculosis* pellicle biofilms

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0001	dnaA	25	5	3.1	24.8	21.6	2.98	0.113	1
Rv0002	dnaN	20	0	0	0	0	0	1	1
Rv0003	recF	30	3	44	0	-44	-4.46	0.1232	1
Rv0004	-	3	0	0	0	0	0	1	1
Rv0005	gyrB	32	4	12.6	0.9	-11.7	-3.82	0.199	1
Rv0006	gyrA	33	4	32.4	7.6	-24.8	-2.09	0.2601	1
Rv0007	-	9	4	69.7	7.6	-62.1	-3.19	0.0959	1
Rv0008c	-	3	1	29.7	245.4	215.7	3.05	1	1
Rv0009	ppiA	6	2	100.1	296.2	196.1	1.56	1	1
Rv0010c	-	9	7	3886.9	10469.2	6582.3	1.43	0.1068	1
Rv0011c	-	3	1	0	5	5	1.31	1	1
Rv0012	-	9	2	0	37.8	37.8	4.24	0.1416	1
Rv0013	trpG	11	1	0	7.4	7.4	1.89	1	1
Rv0014c	pknB	16	5	18.9	7.4	-11.4	-1.34	0.7429	1
Rv0015c	pknA	10	2	9.4	3.7	-5.7	-1.34	1	1
Rv0016c	pbpA	26	7	40.9	35.6	-5.3	-0.2	0.9414	1
Rv0017c	rodA	18	9	645.6	1320.8	675.3	1.03	0.8263	1
Rv0018c	ppp	19	5	160.1	119.7	-40.5	-0.42	0.6785	1
Rv0019c	-	10	3	88	0	-88	-5.46	0.1207	1
Rv0020c	TB39.8	45	5	53.4	45.9	-7.6	-0.22	0.7559	1
Rv0021c	-	15	10	20354.2	24882.5	4528.3	0.29	0.6638	1
Rv0022c	whiB5	5	5	4329.3	2525.4	-1803.8	-0.78	0.4996	1
Rv0023	-	10	0	0	0	0	0	1	1
Rv0024	-	11	9	5378.7	6284.1	905.4	0.22	0.8241	1
Rv0025	-	5	3	117.3	394.4	277.1	1.75	0.5637	1
Rv0026	-	10	8	6197.1	13951.2	7754.2	1.17	0.7019	1
Rv0027	-	5	4	248.8	1580.9	1332.1	2.67	0.1606	1
Rv0028	-	4	4	7219.7	10713.4	3493.6	0.57	0.5985	1
Rv0029	-	13	9	1950.6	2926.4	975.7	0.59	0.5308	1
Rv0030	-	3	1	714.6	79.8	-634.8	-3.16	0.3327	1
Rv0031	-	1	0	0	0	0	0	1	1
Rv0032	bioF2	44	25	7371.5	11756.6	4385.1	0.67	0.3975	1
Rv0033	acpA	3	3	830.5	3877.9	3047.4	2.22	0.0795	1
Rv0034	-	2	2	1943	2541.8	598.8	0.39	1	1
Rv0035	fadD34	23	20	14759.5	7568	-7191.5	-0.96	0.1103	1
Rv0036c	-	4	4	824.4	844	19.6	0.03	0.9565	1
Rv0037c	-	16	12	10297.6	3679.7	-6618	-1.48	0.2651	1
Rv0038	-	7	7	2958.4	5377.4	2419	0.86	0.4968	1
Rv0039c	-	4	2	3713.8	913	-2800.7	-2.02	0.1754	1
Rv0040c	mtc28	7	6	14449.8	8303.2	-6146.7	-0.8	0.4035	1
Rv0041	leuS	55	4	34.6	13.6	-20.9	-1.34	0.7367	1
Rv0042c	-	2	2	120.7	8.5	-112.2	-3.82	0.1557	1
Rv0043c	-	6	6	1209.9	6528.5	5318.5	2.43	0.1249	1
Rv0044c	-	15	8	2892.6	5083.4	2190.8	0.81	0.7554	1
Rv0045c	-	6	5	6247.1	11745.2	5498	0.91	0.6923	1
Rv0046c	ino1	10	3	72.3	0	-72.3	-5.18	0.1779	1
Rv0047c	-	5	3	5275.9	100.8	-5175.1	-5.71	0.368	1
Rv0048c	-	12	9	20001	23035.2	3034.2	0.2	0.853	1
Rv0049	-	5	3	2094.9	3878.7	1783.9	0.89	0.3797	1
Rv0050	ponA1	27	4	9.4	5	-4.5	-0.93	1	1
Rv0051	-	26	12	5868	2059.1	-3808.9	-1.51	0.1382	1
Rv0052	-	4	2	408.3	241.7	-166.6	-0.76	0.5966	1
Rv0053	rpsF	4	2	18.9	0	-18.9	-3.24	0.4255	1
Rv0054	ssb	5	0	0	0	0	0	1	1
Rv0055	rpsR	3	0	0	0	0	0	1	1
Rv0056	rplI	6	3	1289.5	790.4	-499.1	-0.71	0.4652	1
Rv0057	-	12	7	277.6	149	-128.6	-0.9	0.4834	1
Rv0058	dnaB	32	3	0	13.6	13.6	2.77	0.1254	1
Rv0059	-	10	8	10444.5	9833.3	-611.2	-0.09	0.9179	1
Rv0060	-	18	1	3.1	0	-3.1	-0.65	1	1
Rv0061	-	6	5	3051.9	1473.5	-1578.3	-1.05	0.3007	1
Rv0062	celA1	17	11	10951.8	5730.4	-5221.4	-0.93	0.2074	1
Rv0063	-	14	10	3655.4	4739.3	1083.9	0.37	0.8786	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0064	-	57	28	6752.7	12598.5	5845.8	0.9	0.3621	1
Rv0065	-	7	5	139.3	676.1	536.8	2.28	0.4301	1
Rv0066c	icd2	23	5	25.1	18.6	-6.5	-0.44	0.7728	1
Rv0067c	-	7	2	9.4	2.1	-7.3	-2.14	1	1
Rv0068	-	8	5	5332.5	6129.1	796.6	0.2	0.8781	1
Rv0069c	sdaA	8	3	1	386.7	385.7	8.6	0.0605	1
Rv0070c	glyA2	10	5	3004.7	14.8	-2989.9	-7.67	0.0619	1
Rv0071	-	5	5	1672.8	2501.4	828.6	0.58	0.7871	1
Rv0072	-	12	12	20567.3	36475.1	15907.8	0.83	0.4574	1
Rv0073	-	9	9	5046.5	3146.3	-1900.2	-0.68	0.4006	1
Rv0074	-	12	10	2906	3315.6	409.6	0.19	0.8324	1
Rv0075	-	19	12	6795.8	21301	14505.2	1.65	0.1874	1
Rv0076c	-	3	3	4113.4	6052.3	1938.9	0.56	0.7423	1
Rv0077c	-	9	4	749.5	2298.7	1549.2	1.62	0.1822	1
Rv0078	-	7	3	548	199.6	-348.3	-1.46	0.3509	1
Rv0078A	-	9	7	2070	3497	1426.9	0.76	0.4511	1
Rv0079	-	11	8	2228	470.8	-1757.1	-2.24	0.4439	1
Rv0080	-	3	2	28.3	81.5	53.2	1.53	0.8853	1
Rv0081	-	4	3	3101.4	2540.3	-561	-0.29	0.8472	1
Rv0082	-	6	3	3094.3	1240.9	-1853.4	-1.32	0.3068	1
Rv0083	-	14	8	10329.3	15859.9	5530.7	0.62	0.5684	1
Rv0084	hycD	6	4	573.9	427	-146.9	-0.43	0.6802	1
Rv0085	hycP	3	2	91.7	47.1	-44.6	-0.96	0.5443	1
Rv0086	hycQ	14	7	3062.3	4085.1	1022.8	0.42	0.8417	1
Rv0087	hycE	17	5	3750.6	9674.5	5923.9	1.37	0.6027	1
Rv0088	-	9	4	503.4	1503.8	1000.4	1.58	0.9813	1
Rv0089	-	6	2	2988.9	1494.1	-1494.8	-1	0.3161	1
Rv0090	-	9	9	6862.4	2774.5	-4087.9	-1.31	0.8865	1
Rv0091	mtn	10	7	17051.7	13691.1	-3360.6	-0.32	0.8478	1
Rv0092	ctpA	23	7	3827.6	14866	11038.5	1.96	0.2063	1
Rv0093c	-	6	4	2642.6	1403	-1239.7	-0.91	0.4934	1
Rv0094c	-	10	9	4773.2	4017.5	-755.7	-0.25	0.7676	1
Rv0095c	-	4	0	0	0	0	0	1	1
Rv0096	PPE1	26	14	565.1	273.6	-291.5	-1.05	0.3649	1
Rv0097	-	19	14	3525.3	10289.7	6764.3	1.55	0.0927	1
Rv0098	-	9	6	358.7	683.8	325.1	0.93	0.5	1
Rv0099	fadD10	29	8	4973.6	5482.7	509.1	0.14	0.9075	1
Rv0100	-	3	2	708.6	135.8	-572.8	-2.38	0.2003	1
Rv0101	nrp	89	50	16248.8	37539	21290.2	1.21	0.0606	1
Rv0102	-	31	2	0	23.2	23.2	3.54	0.4327	1
Rv0103c	ctpB	22	13	2456.9	3700.9	1244	0.59	0.7275	1
Rv0104	-	23	19	14396.6	4443.4	-9953.3	-1.7	0.0209	1
Rv0105c	rpmB	4	4	5849.7	9042.6	3192.8	0.63	0.6237	1
Rv0106	-	6	3	657.7	5459.4	4801.7	3.05	0.3698	1
Rv0107c	ctpI	47	20	8696.3	7088.4	-1607.9	-0.29	0.7249	1
Rv0108c	-	2	2	6283.9	3426.1	-2857.8	-0.88	0.4416	1
Rv0109	PE_PGRS1	21	9	3258.8	1607.9	-1650.9	-1.02	0.4801	1
Rv0110	-	11	8	12136.5	15017.6	2881.1	0.31	0.6092	1
Rv0111	-	30	20	2956.3	6175.6	3219.3	1.06	0.6455	1
Rv0112	gca	25	14	5288.5	4868	-420.4	-0.12	0.8551	1
Rv0113	gmhA	11	10	5467.3	2332.7	-3134.5	-1.23	0.2804	1
Rv0114	gmhB	8	7	2749.9	2446.4	-303.6	-0.17	0.8636	1
Rv0115	hddA	13	10	8259	9060.9	801.9	0.13	0.8963	1
Rv0116c	-	13	9	5706.8	2812	-2894.8	-1.02	0.3176	1
Rv0117	oxyS	14	9	1865.8	3480.4	1614.6	0.9	0.5581	1
Rv0118c	oxcA	22	8	194.7	100.7	-94	-0.95	0.487	1
Rv0119	fadD7	11	3	81.7	31.9	-49.8	-1.36	1	1
Rv0120c	fusA2	23	11	3411.3	356.3	-3055	-3.26	0.0089	1
Rv0121c	-	10	4	3091.7	1594.9	-1496.8	-0.95	0.5212	1
Rv0122	-	9	4	1958.5	2536.3	577.8	0.37	0.7244	1
Rv0123	-	4	0	0	0	0	0	1	1
Rv0124	PE_PGRS2	8	6	2839.8	1101.5	-1738.3	-1.37	0.8525	1
Rv0125	pepA	8	4	1248.2	1602.1	353.9	0.36	0.8978	1
Rv0126	treS	26	5	25.1	28.5	3.4	0.18	0.9402	1
Rv0127	-	22	4	66	40.9	-25.1	-0.69	0.5892	1
Rv0128	-	13	11	11108.1	6738.3	-4369.8	-0.72	0.4396	1
Rv0129c	fbpC	21	13	1317.8	270	-1047.8	-2.29	0.2437	1
Rv0130	-	3	1	3.1	0	-3.1	-0.65	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0131c	fadE1	16	8	5956.5	3088	-2868.5	-0.95	0.5695	1
Rv0132c	fgd2	11	8	3451	3985.4	534.4	0.21	0.7917	1
Rv0133	-	4	4	1516.6	291.8	-1224.8	-2.38	0.1697	1
Rv0134	ephF	10	9	2320.3	7444.5	5124.2	1.68	0.281	1
Rv0135c	-	9	6	1326.1	687	-639.1	-0.95	0.5935	1
Rv0136	cyp138	20	15	32206.2	55872.3	23666.1	0.79	0.5297	1
Rv0137c	msrA	10	5	7702	4633.7	-3068.3	-0.73	0.3665	1
Rv0138	-	6	6	2435.8	2519.4	83.6	0.05	0.9523	1
Rv0139	-	11	11	9878.4	5147.8	-4730.6	-0.94	0.2671	1
Rv0140	-	13	8	3082.1	2326.2	-755.9	-0.41	0.7029	1
Rv0141c	-	8	3	6539.8	11406.7	4866.9	0.8	0.5771	1
Rv0142	-	5	4	7184.5	7663.5	479	0.09	0.9403	1
Rv0143c	-	18	11	8674.9	7103	-1571.9	-0.29	0.6967	1
Rv0144	-	10	9	3913.2	4609.8	696.6	0.24	0.7344	1
Rv0145	-	13	10	7157.9	13219.8	6061.9	0.89	0.2654	1
Rv0146	-	14	12	9285.8	7594	-1691.8	-0.29	0.7114	1
Rv0147	-	17	17	21816.3	30325.6	8509.3	0.48	0.4883	1
Rv0148	-	13	12	5778.1	6960.2	1182.1	0.27	0.6443	1
Rv0149	-	16	13	9662	5176	-4486	-0.9	0.2101	1
Rv0150c	-	4	1	28.3	1.2	-27	-4.51	1	1
Rv0151c	PE1	34	28	43520.6	37898.5	-5622.1	-0.2	0.7136	1
Rv0152c	PE2	29	29	30913.3	43206.5	12293.1	0.48	0.359	1
Rv0153c	ptbB	11	9	3536	8718.7	5182.7	1.3	0.4501	1
Rv0154c	fadE2	7	4	735.2	1797.3	1062.1	1.29	0.2544	1
Rv0155	pntAa	8	6	2202.8	223.1	-1979.7	-3.3	0.1922	1
Rv0156	pntAb	0	0	0	0	0	0	1	1
Rv0157	pntB	8	7	5699.2	8052	2352.8	0.5	0.6003	1
Rv0158	-	15	15	50504.5	61865.4	11361	0.29	0.6639	1
Rv0159c	PE3	44	37	65202.1	38044.8	-27157.3	-0.78	0.0712	1
Rv0160c	PE4	36	27	49258.8	47720.8	-1538	-0.05	0.9279	1
Rv0161	-	13	6	10094	4656.8	-5437.2	-1.12	0.4377	1
Rv0162c	adhE1	12	4	1456	2527.5	1071.5	0.8	0.8746	1
Rv0163	-	7	6	6480.6	5742.1	-738.5	-0.17	0.7828	1
Rv0164	TB18.5	8	4	592.3	4052.1	3459.8	2.77	0.6187	1
Rv0165c	-	5	2	635.2	22	-613.2	-4.85	0.1191	1
Rv0166	fadD5	20	15	24908.8	53586.4	28677.6	1.11	0.3378	1
Rv0167	yrbE1A	5	2	954.2	21.4	-932.8	-5.48	0.2572	1
Rv0168	yrbE1B	10	9	4451.9	10218	5766.1	1.2	0.2315	1
Rv0169	mce1A	26	19	9260	7977.4	-1282.6	-0.22	0.8203	1
Rv0170	mce1B	14	12	9213.8	20153	10939.2	1.13	0.6191	1
Rv0171	mce1C	22	18	9306.3	23990.2	14683.9	1.37	0.1036	1
Rv0172	mce1D	26	24	23697.8	21360.2	-2337.6	-0.15	0.7559	1
Rv0173	lprK	11	9	9020.7	13268.6	4247.9	0.56	0.4782	1
Rv0174	mce1F	23	19	13190.3	11607	-1583.2	-0.18	0.775	1
Rv0175	-	6	5	4086	798	-3288	-2.36	0.2227	1
Rv0176	-	12	9	3416.8	2363	-1053.8	-0.53	0.5496	1
Rv0177	-	8	6	10146.6	23340	13193.4	1.2	0.3565	1
Rv0178	-	8	5	1545.8	2051.5	505.8	0.41	0.8694	1
Rv0179c	lprO	17	14	8174.3	2941.4	-5232.9	-1.47	0.1068	1
Rv0180c	-	25	8	44	114.1	70.1	1.38	0.4433	1
Rv0181c	-	13	10	1809.1	1323.9	-485.2	-0.45	0.7908	1
Rv0182c	sigG	15	11	10577.5	6929.1	-3648.3	-0.61	0.6693	1
Rv0183	-	12	11	26809.9	15320.1	-11489.7	-0.81	0.3683	1
Rv0184	-	9	4	1916.4	437.5	-1478.8	-2.13	0.3131	1
Rv0185	-	9	3	188.3	404.5	216.2	1.1	0.9015	1
Rv0186	bglS	24	13	2579.9	1175.2	-1404.7	-1.13	0.3663	1
Rv0187	-	6	3	298.7	1287.2	988.5	2.11	0.0805	1
Rv0188	-	6	3	484	537.1	53.1	0.15	0.6553	1
Rv0189c	ilvD	17	1	0	32.2	32.2	4.01	1	1
Rv0190	-	3	3	96.4	171.8	75.4	0.83	0.7954	1
Rv0191	-	14	10	12047.4	2817.7	-9229.7	-2.1	0.0273	1
Rv0192	-	10	9	5038.3	4153.7	-884.6	-0.28	0.7006	1
Rv0192A	-	2	2	138.3	1106.8	968.5	3	0.2543	1
Rv0193c	-	26	24	16604.3	28727.2	12123	0.79	0.4736	1
Rv0194	-	43	34	68774.9	120812.4	52037.6	0.81	0.0764	1
Rv0195	-	4	4	1466.6	4491.6	3025	1.61	0.2314	1
Rv0196	-	7	6	2227.6	3765.9	1538.3	0.76	0.5746	1
Rv0197	-	26	16	14846.7	20050.9	5204.2	0.43	0.6571	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0198c	-	35	12	4002.7	2559.1	-1443.7	-0.65	0.4719	1
Rv0199	-	12	11	8135.3	22289.8	14154.5	1.45	0.3657	1
Rv0200	-	6	3	2062.9	3102.6	1039.7	0.59	0.6554	1
Rv0201c	-	6	6	195.7	2155.2	1959.5	3.46	0.031	1
Rv0202c	mmpL11	25	13	1487.1	846	-641	-0.81	0.541	1
Rv0203	-	3	3	970.8	503.8	-467	-0.95	0.5139	1
Rv0204c	-	13	3	13.6	0	-13.6	-2.76	0.1816	1
Rv0205	-	11	5	2383.1	5952.6	3569.5	1.32	0.4283	1
Rv0206c	mmpL3	23	3	15.7	1.2	-14.5	-3.66	0.4525	1
Rv0207c	-	6	3	2863.2	461	-2402.2	-2.63	0.6344	1
Rv0208c	trmB	9	2	7.3	0.9	-6.4	-3.03	0.4291	1
Rv0209	-	10	5	329.6	2539.5	2210	2.95	0.4438	1
Rv0210	-	11	7	4569.2	12396.4	7827.2	1.44	0.7689	1
Rv0211	pckA	21	12	2508.9	4170.3	1661.5	0.73	0.497	1
Rv0212c	nadR	5	2	2040.2	1672.6	-367.7	-0.29	0.9731	1
Rv0213c	-	28	20	7081.3	17533.5	10452.2	1.31	0.0248	1
Rv0214	fadD4	27	19	9061.8	11543.9	2482.1	0.35	0.7649	1
Rv0215c	fadE3	9	6	4570.3	3625.1	-945.1	-0.33	0.807	1
Rv0216	-	15	4	3225.8	5959.8	2734	0.89	0.8173	1
Rv0217c	lipW	17	12	2575.7	4137.1	1561.4	0.68	0.5366	1
Rv0218	-	16	12	4953.1	5047.6	94.5	0.03	0.9729	1
Rv0219	-	10	4	2780.2	2977.9	197.7	0.1	0.9216	1
Rv0220	lipC	19	8	14051.5	22246.8	8195.3	0.66	0.5955	1
Rv0221	-	17	14	11969	8453.2	-3515.8	-0.5	0.6083	1
Rv0222	echA1	6	5	1297.5	22.7	-1274.9	-5.84	0.0113	1
Rv0223c	-	19	10	1256.5	2352.7	1096.2	0.9	0.7907	1
Rv0224c	-	12	1	15.7	0	-15.7	-2.97	1	1
Rv0225	-	18	5	56.6	3.7	-52.8	-3.93	0.2042	1
Rv0226c	-	19	2	34.6	0	-34.6	-4.11	0.4333	1
Rv0227c	-	17	2	28.3	3.7	-24.6	-2.93	1	1
Rv0228	-	10	0	0	0	0	0	1	1
Rv0229c	-	7	7	8276.8	7647.5	-629.3	-0.11	0.8823	1
Rv0230c	php	11	9	10095.5	24857.6	14762.1	1.3	0.1224	1
Rv0231	fadE4	29	25	14892.1	22200.6	7308.5	0.58	0.3843	1
Rv0232	-	9	9	10671.4	12670.1	1998.8	0.25	0.7338	1
Rv0233	nrdB	9	8	2809.2	7876.4	5067.2	1.49	0.199	1
Rv0234c	gabD1	15	8	734.2	2577.7	1843.5	1.81	0.8818	1
Rv0235c	-	20	9	1511.2	4272.3	2761	1.5	0.5452	1
Rv0236A	-	2	0	0	0	0	0	1	1
Rv0236c	-	31	3	34.6	0	-34.6	-4.11	0.118	1
Rv0237	lpqI	9	4	778.4	386.6	-391.8	-1.01	0.3411	1
Rv0238	-	10	8	12557.1	12412	-145.1	-0.02	0.9881	1
Rv0239	-	2	2	3.1	1.2	-1.9	-1.34	1	1
Rv0240	-	6	5	2116.2	5006.6	2890.4	1.24	0.629	1
Rv0241c	-	10	1	3.1	1.2	-1.9	-1.34	1	1
Rv0242c	fabG	8	3	34.6	24.1	-10.5	-0.52	1	1
Rv0243	fadA2	17	7	81	188.1	107.1	1.22	0.6145	1
Rv0244c	fadE5	21	12	1180.1	1210.5	30.4	0.04	0.9941	1
Rv0245	-	2	1	496.1	251.6	-244.6	-0.98	0.6665	1
Rv0246	-	26	19	16565.7	18029.8	1464.1	0.12	0.9407	1
Rv0247c	-	8	5	900.2	109.7	-790.6	-3.04	0.1178	1
Rv0248c	sdhA	28	10	377	835.7	458.7	1.15	0.2514	1
Rv0249c	-	21	13	381.7	2431.6	2049.9	2.67	0.299	1
Rv0250c	-	3	3	961.2	2350.6	1389.4	1.29	0.9202	1
Rv0251c	hsp	4	4	2046.6	3475.9	1429.3	0.76	0.8773	1
Rv0252	nirB	31	16	9521.9	8418.2	-1103.7	-0.18	0.8119	1
Rv0253	nirD	5	3	1160.5	23.3	-1137.2	-5.64	0.0142	1
Rv0254c	cobU	4	2	1031.5	2130.9	1099.3	1.05	0.3986	1
Rv0255c	cobQ1	11	9	6690.2	4652.7	-2037.5	-0.52	0.4591	1
Rv0256c	PPE2	24	18	13355.9	10857.7	-2498.2	-0.3	0.6474	1
Rv0257	-	3	3	2631.8	828	-1803.8	-1.67	0.3276	1
Rv0258c	-	5	1	50.3	162.4	112.1	1.69	1	1
Rv0259c	-	6	2	304.8	1.2	-303.6	-7.94	0.4229	1
Rv0260c	-	17	11	4541.9	2988.7	-1553.2	-0.6	0.5695	1
Rv0261c	narK3	20	12	2763.4	8399	5635.6	1.6	0.626	1
Rv0262c	aac	6	5	719.7	153.4	-566.2	-2.23	0.5472	1
Rv0263c	-	14	7	2100.2	4738.9	2638.7	1.17	0.5751	1
Rv0264c	-	7	6	1926.4	3377.7	1451.3	0.81	0.4763	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0265c	-	6	5	2786.5	288.4	-2498.2	-3.27	0.0147	1
Rv0266c	oplA	30	24	14463.7	16969.7	2505.9	0.23	0.7542	1
Rv0267	narU	8	7	1369.7	2273.3	903.7	0.73	0.7439	1
Rv0268c	-	11	10	12383.7	6680.9	-5702.9	-0.89	0.2744	1
Rv0269c	-	7	3	14949.3	19475.4	4526.1	0.38	0.6725	1
Rv0270	fadD2	16	13	2129.8	8642.1	6512.3	2.02	0.5864	1
Rv0271c	fadE6	20	14	14593.6	6619.9	-7973.6	-1.14	0.2464	1
Rv0272c	-	11	2	594	1375.5	781.6	1.21	0.7739	1
Rv0273c	-	15	7	1217	1242.2	25.2	0.03	0.9706	1
Rv0274	-	6	4	4514.7	11959.5	7444.9	1.41	0.4988	1
Rv0275c	-	6	4	183.3	758.5	575.3	2.05	0.4707	1
Rv0276	-	17	10	9726.3	10025.8	299.4	0.04	0.9634	1
Rv0277c	-	5	3	2348	732.5	-1615.6	-1.68	0.1596	1
Rv0278c	PE_PGRS3	20	11	3515	793.1	-2721.9	-2.15	0.1704	1
Rv0279c	PE_PGRS4	13	8	3925.2	4738.8	813.5	0.27	0.7756	1
Rv0280	PPE3	23	15	3334.2	1212.1	-2122.1	-1.46	0.1039	1
Rv0281	-	8	7	1022.7	4324.2	3301.5	2.08	0.1122	1
Rv0282	-	16	0	0	0	0	0	1	1
Rv0283	-	16	1	0	1.2	1.2	-0.69	1	1
Rv0284	-	49	7	69.1	34.4	-34.8	-1.01	0.8961	1
Rv0285	PE5	2	0	0	0	0	0	1	1
Rv0286	PPE4	26	2	18.9	1.2	-17.6	-3.93	1	1
Rv0287	esxG	1	0	0	0	0	0	1	1
Rv0288	esxH	7	3	32	6	-26	-2.4	0.3028	1
Rv0289	-	13	1	22	0	-22	-3.46	1	1
Rv0290	-	12	1	0	2.5	2.5	0.31	1	1
Rv0291	mycP3	12	0	0	0	0	0	1	1
Rv0292	-	15	1	0	0.9	0.9	-1.16	1	1
Rv0293c	-	24	15	15191.8	22197.7	7005.8	0.55	0.5374	1
Rv0294	tam	11	4	1668.9	1438.3	-230.7	-0.21	0.8807	1
Rv0295c	-	5	3	6439.8	2047.4	-4392.4	-1.65	0.4459	1
Rv0296c	-	36	22	13357.7	19539.2	6181.5	0.55	0.287	1
Rv0297	PE_PGRS5	10	8	3189.6	3731.2	541.6	0.23	0.8463	1
Rv0298	-	3	2	18.9	311	292.2	4.04	0.6368	1
Rv0299	-	1	1	26.4	1784.9	1758.4	6.08	0.3291	1
Rv0300	-	3	3	9929.9	19636.7	9706.8	0.98	0.7536	1
Rv0301	-	6	6	12730.1	18037.3	5307.2	0.5	0.7088	1
Rv0302	-	6	4	3651.2	2003.1	-1648.1	-0.87	0.4721	1
Rv0303	-	10	8	3461.2	6591	3129.8	0.93	0.4393	1
Rv0304c	PPE5	94	80	66545.6	62486.2	-4059.3	-0.09	0.7961	1
Rv0305c	PPE6	47	40	32471.9	17343.8	-15128.1	-0.9	0.0339	1
Rv0306	-	4	3	3953.6	17235.2	13281.7	2.12	0.3776	1
Rv0307c	-	6	5	1575.9	1310.3	-265.6	-0.27	0.7586	1
Rv0308	-	11	7	3625.8	6566.7	2940.9	0.86	0.5124	1
Rv0309	-	11	3	120.4	1342.4	1222	3.48	0.3771	1
Rv0310c	-	10	3	446.2	3	-443.2	-7.21	0.4521	1
Rv0311	-	13	7	2391.3	856.6	-1534.7	-1.48	0.3524	1
Rv0312	-	18	4	1688.3	4291.6	2603.2	1.35	0.4532	1
Rv0313	-	3	3	4456.1	4282.3	-173.7	-0.06	0.9741	1
Rv0314c	-	5	5	11173.5	5867.8	-5305.7	-0.93	0.2827	1
Rv0315	-	7	6	1541.4	3299.4	1758	1.1	0.9206	1
Rv0316	-	7	4	5796.3	2606.7	-3189.6	-1.15	0.8285	1
Rv0317c	glpQ2	11	9	8464.2	2770.5	-5693.7	-1.61	0.7639	1
Rv0318c	-	6	5	511.3	634.3	123.1	0.31	0.8231	1
Rv0319	pcp	6	4	690	1861	1171	1.43	0.8839	1
Rv0320	-	9	7	5147.5	4668.4	-479.1	-0.14	0.9531	1
Rv0321	dcd	2	2	1935.1	14.6	-1920.6	-7.05	0.4246	1
Rv0322	udgA	16	7	261.6	1836	1574.5	2.81	0.2212	1
Rv0323c	-	10	6	586.8	2184.8	1598	1.9	0.9856	1
Rv0324	-	11	5	1917	3	-1914	-9.31	0.0874	1
Rv0325	-	5	5	3248.4	2671.2	-577.2	-0.28	0.7688	1
Rv0326	-	5	2	2019.7	1583.8	-435.9	-0.35	0.8007	1
Rv0327c	cyp135A1	16	4	392.7	1150.8	758.1	1.55	0.9832	1
Rv0328	-	10	5	814.5	2950.7	2136.1	1.86	0.284	1
Rv0329c	-	6	3	1431	532.1	-898.9	-1.43	0.4448	1
Rv0330c	-	6	4	8752.5	2150.3	-6602.2	-2.03	0.3527	1
Rv0331	-	14	7	17535.6	6701.4	-10834.2	-1.39	0.2551	1
Rv0332	-	8	6	4941.1	9812.6	4871.6	0.99	0.6931	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0333	-	4	3	1971.5	1735.1	-236.3	-0.18	0.8081	1
Rv0334	rmlA	15	0	0	0	0	0	1	1
Rv0335c	PE6	1	0	0	0	0	0	1	1
Rv0336	-	14	13	6549.4	6165.6	-383.8	-0.09	0.8844	1
Rv0337c	aspC	18	0	0	0	0	0	1	1
Rv0338c	-	27	3	50.3	5	-45.3	-3.34	0.1412	1
Rv0339c	-	24	10	846.8	1917.5	1070.7	1.18	0.8689	1
Rv0340	-	3	1	12.6	0	-12.6	-2.65	1	1
Rv0341	iniB	11	5	1593.7	2155.4	561.8	0.44	0.8848	1
Rv0342	iniA	21	16	5514.8	4068.1	-1446.6	-0.44	0.6019	1
Rv0343	iniC	9	2	95.3	14.2	-81.1	-2.75	0.5689	1
Rv0344c	lpqJ	8	6	2172.2	605.6	-1566.6	-1.84	0.1314	1
Rv0345	-	5	5	7568.5	13610.4	6041.9	0.85	0.6744	1
Rv0346c	ansP2	22	14	1027.1	2163.5	1136.4	1.07	0.1963	1
Rv0347	-	14	1	0	1.2	1.2	-0.69	1	1
Rv0348	-	10	0	0	0	0	0	1	1
Rv0349	-	7	6	3947.7	6721.9	2774.2	0.77	0.4449	1
Rv0350	dnaK	12	0	0	0	0	0	1	1
Rv0351	grpE	7	1	0	3.7	3.7	0.89	1	1
Rv0352	dnaJ1	9	1	0	33.5	33.5	4.06	1	1
Rv0353	hspR	6	4	1773.1	679.1	-1094	-1.38	0.8805	1
Rv0354c	PPE7	2	2	207.1	75.3	-131.8	-1.46	0.7143	1
Rv0355c	PPE8	129	108	103526.7	125513	21986.3	0.28	0.2843	1
Rv0356c	-	6	2	2447.6	90.5	-2357.1	-4.76	0.5942	1
Rv0357c	purA	20	1	6.3	0	-6.3	-1.65	1	1
Rv0358	-	8	0	0	0	0	0	1	1
Rv0359	-	9	9	6819.5	6925.3	105.8	0.02	0.9898	1
Rv0360c	-	8	4	8718.8	10476.6	1757.7	0.26	0.9546	1
Rv0361	-	6	1	12.6	0	-12.6	-2.65	1	1
Rv0362	mgtE	13	10	13827.7	8134.1	-5693.6	-0.77	0.3361	1
Rv0363c	fba	12	0	0	0	0	0	1	1
Rv0364	-	10	1	3.1	0	-3.1	-0.65	1	1
Rv0365c	-	18	12	5830.7	10007	4176.3	0.78	0.5608	1
Rv0366c	-	5	4	750.8	938.2	187.4	0.32	0.9318	1
Rv0367c	-	2	2	37	596.2	559.2	4.01	0.4322	1
Rv0368c	-	11	6	4889.2	10049.3	5160.1	1.04	0.7427	1
Rv0369c	-	5	4	2679.1	537.4	-2141.7	-2.32	0.8454	1
Rv0370c	-	15	6	2188.1	394.8	-1793.3	-2.47	0.2873	1
Rv0371c	-	3	0	0	0	0	0	1	1
Rv0372c	-	6	3	2196.1	229.2	-1967	-3.26	0.063	1
Rv0373c	-	31	14	5869.2	4999.5	-869.6	-0.23	0.8268	1
Rv0374c	-	4	1	1	5	4	2.31	1	1
Rv0375c	-	6	3	1080.8	1229.2	148.3	0.19	0.9737	1
Rv0376c	-	11	3	795.3	2722.4	1927.2	1.78	0.4452	1
Rv0377	-	6	4	27	3122.3	3095.3	6.85	0.2116	1
Rv0378	-	3	1	438.8	3.6	-435.3	-6.94	0.3325	1
Rv0379	secE2	2	1	367.7	778.6	410.9	1.08	0.6539	1
Rv0380c	-	7	4	1633.6	17.3	-1616.3	-6.56	0.0799	1
Rv0381c	-	15	12	49975	113319.6	63344.7	1.18	0.3387	1
Rv0382c	pyrE	10	1	0	2.5	2.5	0.31	1	1
Rv0383c	-	5	2	12.3	34.9	22.6	1.51	0.8864	1
Rv0384c	clpB	15	0	0	0	0	0	1	1
Rv0385	-	15	12	7445.4	3268.3	-4177.1	-1.19	0.1617	1
Rv0386	-	34	23	15669.1	16038.8	369.7	0.03	0.9625	1
Rv0387c	-	8	8	7342	2293.1	-5048.8	-1.68	0.1846	1
Rv0388c	PPE9	8	6	2504.5	2122.9	-381.6	-0.24	0.7621	1
Rv0389	purT	6	5	2153.5	2856.1	702.6	0.41	0.7684	1
Rv0390	-	6	5	2607.9	3059.7	451.7	0.23	0.7079	1
Rv0391	metZ	20	11	4345.3	4592	246.7	0.08	0.9344	1
Rv0392c	ndhA	13	7	202.1	2156.6	1954.5	3.42	0.1104	1
Rv0393	-	10	8	18119.4	16555.2	-1564.2	-0.13	0.8944	1
Rv0394c	-	6	6	965.7	249.4	-716.3	-1.95	0.0909	1
Rv0395	-	6	2	96.1	988.4	892.3	3.36	0.3419	1
Rv0396	-	4	2	549	2366.9	1818	2.11	0.8145	1
Rv0397	-	2	2	2730.2	844.1	-1886.1	-1.69	0.6672	1
Rv0398c	-	4	1	3533.3	559	-2974.3	-2.66	1	1
Rv0399c	lpqK	23	11	6331.3	4443.8	-1887.5	-0.51	0.512	1
Rv0400c	fadE7	8	5	1535.8	1148.2	-387.6	-0.42	0.7881	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0401	-	3	2	474.6	29.4	-445.1	-4.01	0.5064	1
Rv0402c	mmpL1	41	30	12531.4	10088.6	-2442.8	-0.31	0.6371	1
Rv0403c	mmpS1	6	4	4763.1	3869.6	-893.5	-0.3	0.8298	1
Rv0404	fadD30	64	27	7539.1	12614	5074.9	0.74	0.3136	1
Rv0405	pks6	77	34	43841.9	25287.2	-18554.6	-0.79	0.3009	1
Rv0406c	-	11	4	155.3	1087.3	932.1	2.81	0.4418	1
Rv0407	fgd1	15	10	744.3	364.9	-379.3	-1.03	0.2505	1
Rv0408	pta	34	14	3366.3	5160.9	1794.6	0.62	0.7192	1
Rv0409	ackA	13	4	753.7	240.4	-513.3	-1.65	0.2681	1
Rv0410c	pknG	25	3	119.4	24.8	-94.6	-2.27	0.4607	1
Rv0411c	glnH	8	0	0	0	0	0	1	1
Rv0412c	-	19	1	0	6.2	6.2	1.63	1	1
Rv0413	mutT3	4	3	191.4	1170.9	979.5	2.61	0.7852	1
Rv0414c	thiE	8	0	0	0	0	0	1	1
Rv0415	thiO	9	0	0	0	0	0	1	1
Rv0416	thiS	3	0	0	0	0	0	1	1
Rv0417	thiG	13	0	0	0	0	0	1	1
Rv0418	lpqL	20	11	6075.8	8186.5	2110.7	0.43	0.6256	1
Rv0419	lpqM	15	12	11275.8	17655.8	6380	0.65	0.3196	1
Rv0420c	-	7	6	13806.6	13908.5	101.9	0.01	0.9958	1
Rv0421c	-	5	0	0	0	0	0	1	1
Rv0422c	thiD	9	0	0	0	0	0	1	1
Rv0423c	thiC	14	0	0	0	0	0	1	1
Rv0424c	-	6	5	4494.5	5336.8	842.3	0.25	0.7446	1
Rv0425c	ctpH	27	16	29431.5	37631.1	8199.6	0.35	0.6745	1
Rv0426c	-	2	2	4768.3	2982.9	-1785.3	-0.68	0.6321	1
Rv0427c	xthA	13	11	3019.8	4331.4	1311.6	0.52	0.6074	1
Rv0428c	-	11	7	793.1	1409.5	616.4	0.83	0.5286	1
Rv0429c	def	7	1	12.6	0	-12.6	-2.65	1	1
Rv0430	-	3	0	0	0	0	0	1	1
Rv0431	-	7	2	0	9.6	9.6	2.26	0.1436	1
Rv0432	sodC	11	8	5260.8	5800.6	539.8	0.14	0.9056	1
Rv0433	-	18	14	6936.4	5565.7	-1370.7	-0.32	0.6342	1
Rv0434	-	12	9	6896.6	14733	7836.4	1.1	0.3457	1
Rv0435c	-	18	12	12382	6787.9	-5594.1	-0.87	0.1668	1
Rv0436c	pssA	15	6	92.1	28.5	-63.6	-1.69	0.1785	1
Rv0437c	psd	7	2	60	22.3	-37.7	-1.43	1	1
Rv0438c	moeA2	11	9	821.4	2231.1	1409.7	1.44	0.4028	1
Rv0439c	-	16	11	3367.7	8457.4	5089.7	1.33	0.3159	1
Rv0440	groEL	10	1	0	27.3	27.3	3.77	1	1
Rv0441c	-	5	4	7799.8	3531.1	-4268.8	-1.14	0.7259	1
Rv0442c	PPE10	16	12	815.5	3948	3132.5	2.28	0.1429	1
Rv0443	-	11	9	8365.1	13635.3	5270.2	0.7	0.5278	1
Rv0444c	-	4	4	104.3	38.3	-66	-1.45	0.6382	1
Rv0445c	sigK	8	7	5410.4	9395.5	3985.1	0.8	0.6289	1
Rv0446c	-	13	12	4051.8	12607.3	8555.4	1.64	0.4626	1
Rv0447c	ufaA1	23	17	35890.5	20149	-15741.5	-0.83	0.3905	1
Rv0448c	-	12	10	6423.7	6404.9	-18.7	0	0.9974	1
Rv0449c	-	19	19	12937.5	6958.9	-5978.5	-0.89	0.3873	1
Rv0450c	mmpL4	62	15	712.8	167.1	-545.8	-2.09	0.3571	1
Rv0451c	mmpS4	14	4	88.7	1.2	-87.5	-6.16	0.0752	1
Rv0452	-	6	5	6444.3	5572.8	-871.4	-0.21	0.803	1
Rv0453	PPE11	20	16	13496.2	14721.7	1225.5	0.13	0.8567	1
Rv0454	-	4	4	2789	5066.4	2277.4	0.86	0.7332	1
Rv0455c	-	10	1	28.3	0	-28.3	-3.82	1	1
Rv0456A	-	4	3	6606.7	7055.2	448.4	0.09	0.9193	1
Rv0456c	echA2	8	7	3836.2	13174.3	9338.2	1.78	0.8695	1
Rv0457c	-	29	15	9412.8	6714.7	-2698.1	-0.49	0.5401	1
Rv0458	-	12	9	5900.2	4039.5	-1860.7	-0.55	0.5948	1
Rv0459	-	3	2	296.4	11.4	-285.1	-4.71	0.5493	1
Rv0460	-	2	2	108.4	21049.9	20941.5	7.6	0.8583	1
Rv0461	-	11	9	10039.6	15794.9	5755.3	0.65	0.4854	1
Rv0462	lpd	24	4	3.1	28.5	25.4	3.18	0.326	1
Rv0463	-	3	2	2359.7	1396	-963.8	-0.76	0.6571	1
Rv0464c	-	13	7	4526.7	3247.3	-1279.4	-0.48	0.6668	1
Rv0465c	-	22	16	23796.9	21218.6	-2578.4	-0.17	0.7741	1
Rv0466	-	5	4	171442.7	281016.6	109573.9	0.71	0.5856	1
Rv0467	icl	12	1	0	1.2	1.2	-0.69	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0468	fadB2	7	4	919.2	933.1	13.8	0.02	0.9849	1
Rv0469	umaA	15	10	4143.3	3820.7	-322.6	-0.12	0.8513	1
Rv0470A	-	9	8	8360.1	5683.4	-2676.6	-0.56	0.5691	1
Rv0470c	pcaA	7	3	13.6	7.6	-5.9	-0.83	0.9547	1
Rv0471c	-	11	10	9480.4	10311.3	830.9	0.12	0.8748	1
Rv0472c	-	9	8	1780.2	446.1	-1334.1	-2	0.0868	1
Rv0473	-	12	10	1011.2	1920.5	909.3	0.93	0.4117	1
Rv0474	-	4	4	6759.3	17126.2	10366.8	1.34	0.1647	1
Rv0475	hbhA	9	6	3113.2	1201.7	-1911.5	-1.37	0.2382	1
Rv0476	-	5	5	3101.8	1182.2	-1919.6	-1.39	0.2851	1
Rv0477	-	5	5	3040.7	2312.1	-728.6	-0.4	0.7514	1
Rv0478	deoC	2	2	489.5	11.4	-478.1	-5.42	0.1422	1
Rv0479c	-	11	0	0	0	0	0	1	1
Rv0480c	-	13	11	12195.8	14977.3	2781.5	0.3	0.8147	1
Rv0481c	-	8	5	7165.6	5792.9	-1372.7	-0.31	0.8067	1
Rv0482	murB	9	1	0	6.2	6.2	1.63	1	1
Rv0483	lprQ	19	17	16052.6	7995.3	-8057.3	-1.01	0.1469	1
Rv0484c	-	7	6	2192.6	1122.9	-1069.7	-0.97	0.2107	1
Rv0485	-	16	13	9433.5	21521.2	12087.7	1.19	0.1329	1
Rv0486	-	9	2	22	27.3	5.3	0.31	0.715	1
Rv0487	-	7	6	1314.2	448	-866.2	-1.55	0.0684	1
Rv0488	-	9	8	3422.8	6263.2	2840.5	0.87	0.4349	1
Rv0489	gpm1	8	1	6.3	0	-6.3	-1.65	1	1
Rv0490	senX3	14	9	4507.7	8651.1	4143.4	0.94	0.3364	1
Rv0491	regX3	6	4	1672.6	9261.8	7589.2	2.47	0.2	1
Rv0492A	-	4	4	1014.3	1494.5	480.3	0.56	0.5978	1
Rv0492c	-	10	7	7674.8	9013.2	1338.5	0.23	0.812	1
Rv0493c	-	12	10	3806.9	4010.7	203.8	0.08	0.9334	1
Rv0494	-	5	4	6428.7	1447.7	-4981	-2.15	0.3926	1
Rv0495c	-	8	3	25.1	57	31.9	1.18	0.5666	1
Rv0496	-	7	4	576.4	4579.2	4002.8	2.99	0.295	1
Rv0497	-	7	2	3.1	6.2	3.1	0.98	1	1
Rv0498	-	10	8	5559.3	4414.1	-1145.2	-0.33	0.7324	1
Rv0499	-	3	2	238.1	32.9	-205.3	-2.86	0.3674	1
Rv0500	proC	8	0	0	0	0	0	1	1
Rv0500A	-	2	2	274.3	7.8	-266.5	-5.13	0.103	1
Rv0500B	-	1	1	18.9	20	1.1	0.08	1	1
Rv0501	galE2	15	13	11122.7	11402	279.2	0.04	0.9656	1
Rv0502	-	14	11	15852.4	8927.2	-6925.1	-0.83	0.4245	1
Rv0503c	cmaA2	14	14	7780.8	10395.9	2615.1	0.42	0.5712	1
Rv0504c	-	7	2	9.4	3.7	-5.7	-1.34	1	1
Rv0505c	serB1	13	1	0	6.2	6.2	1.63	1	1
Rv0506	mmpS2	6	5	4884.2	3450.1	-1434.1	-0.5	0.6052	1
Rv0507	mmpL2	67	46	31719.1	25729.6	-5989.5	-0.3	0.5188	1
Rv0508	-	2	1	65.7	2089.4	2023.7	4.99	0.33	1
Rv0509	hemA	15	4	28.3	18.6	-9.7	-0.61	0.6798	1
Rv0510	hemC	10	2	40.9	2.5	-38.4	-4.04	1	1
Rv0511	hemD	12	3	50.3	0.9	-49.4	-5.82	0.1773	1
Rv0512	hemB	13	1	6.3	0	-6.3	-1.65	1	1
Rv0513	-	6	5	7922.9	26627.4	18704.5	1.75	0.3369	1
Rv0514	-	1	1	2256.6	574.4	-1682.2	-1.97	0.3253	1
Rv0515	-	14	13	6493.4	6117.7	-375.8	-0.09	0.8887	1
Rv0516c	-	6	6	1555.5	4052.9	2497.4	1.38	0.1962	1
Rv0517	-	15	15	14956.6	20872.7	5916.1	0.48	0.5041	1
Rv0518	-	9	7	2500.7	590.2	-1910.5	-2.08	0.0708	1
Rv0519c	-	8	6	7592.9	2645.1	-4947.8	-1.52	0.0245	1
Rv0520	-	3	3	223.3	1827.9	1604.6	3.03	0.1816	1
Rv0521	-	3	3	278.9	63.2	-215.7	-2.14	0.1965	1
Rv0522	gabP	15	9	21785.1	17986.4	-3798.6	-0.28	0.8821	1
Rv0523c	-	6	5	8623.3	9347.7	724.4	0.12	0.8927	1
Rv0524	hemL	17	1	0	2.5	2.5	0.31	1	1
Rv0525	-	7	1	3.1	0	-3.1	-0.65	1	1
Rv0526	-	7	1	3.1	0	-3.1	-0.65	1	1
Rv0527	ccdA	5	1	9.4	0	-9.4	-2.24	1	1
Rv0528	-	13	2	0	7.4	7.4	1.89	0.4304	1
Rv0529	ccsA	13	4	0	135.1	135.1	6.08	0.0789	1
Rv0530	-	16	11	16507.4	2715	-13792.5	-2.6	0.0356	1
Rv0531	-	2	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0532	PE_PGRS6	13	8	3714.8	3065.2	-649.5	-0.28	0.7703	1
Rv0533c	fabH	11	7	8292.2	5915.7	-2376.5	-0.49	0.6688	1
Rv0534c	menA	10	3	32.4	6.2	-26.2	-2.39	0.7262	1
Rv0535	pnp	9	4	1259.8	2108.3	848.5	0.74	0.9409	1
Rv0536	galE3	10	6	5302.5	9517.7	4215.1	0.84	0.4783	1
Rv0537c	-	16	12	48308.3	85670.6	37362.2	0.83	0.4322	1
Rv0538	-	14	9	3734.5	1611.6	-2122.9	-1.21	0.5272	1
Rv0539	-	5	2	3435.7	8007	4571.4	1.22	0.3464	1
Rv0540	-	8	5	3410	44.2	-3365.8	-6.27	0.0551	1
Rv0541c	-	12	3	3.1	9.9	6.8	1.66	0.4492	1
Rv0542c	menE	13	4	9.4	35.9	26.5	1.93	0.8735	1
Rv0543c	-	1	0	0	0	0	0	1	1
Rv0544c	-	5	5	2240.6	1147.6	-1093	-0.97	0.3607	1
Rv0545c	pitA	12	10	5197.8	2788.8	-2409	-0.9	0.3309	1
Rv0546c	-	4	4	946.9	803.2	-143.8	-0.24	0.8874	1
Rv0547c	-	10	8	7529.8	20326.6	12796.8	1.43	0.4937	1
Rv0548c	menB	9	0	0	0	0	0	1	1
Rv0549c	-	2	2	3147.1	3314.5	167.4	0.07	0.8263	1
Rv0550c	-	1	1	323.3	160.3	-163	-1.01	1	1
Rv0551c	fadD8	24	17	7313.9	7800.4	486.6	0.09	0.9292	1
Rv0552	-	15	10	19116.5	20466.4	1349.9	0.1	0.9194	1
Rv0553	menC	7	1	6.3	0	-6.3	-1.65	1	1
Rv0554	bpoC	10	8	825.4	872.6	47.2	0.08	0.9289	1
Rv0555	menD	12	4	28.3	29.7	1.5	0.07	0.9769	1
Rv0556	-	11	1	0	9.9	9.9	2.31	1	1
Rv0557	pimB	11	4	14101	3527.5	-10573.5	-2	0.3483	1
Rv0558	ubiE	12	0	0	0	0	0	1	1
Rv0559c	-	5	5	1348.9	966.1	-382.8	-0.48	0.6182	1
Rv0560c	-	9	6	1589.3	5446.7	3857.4	1.78	0.7338	1
Rv0561c	-	16	2	18.9	31	12.1	0.72	1	1
Rv0562	grcC1	11	3	34.6	18.6	-16	-0.89	0.7308	1
Rv0563	htpX	11	6	383.7	208.8	-174.9	-0.88	0.6571	1
Rv0564c	gpsA	9	8	8094.6	10392.3	2297.7	0.36	0.7146	1
Rv0565c	-	28	21	9859.2	5192.2	-4667	-0.93	0.2494	1
Rv0566c	-	4	4	2916	2693.8	-222.2	-0.11	0.8995	1
Rv0567	-	14	12	6184.3	4722.5	-1461.8	-0.39	0.6705	1
Rv0568	cyp135B1	11	8	2271.9	2461.6	189.7	0.12	0.9146	1
Rv0569	-	3	3	1516.9	2457.6	940.8	0.7	0.5999	1
Rv0570	nrdZ	29	15	12063.2	4482.8	-7580.5	-1.43	0.1845	1
Rv0571c	-	11	4	3690.9	1295	-2396	-1.51	0.5075	1
Rv0572c	-	5	5	6460.9	6237.1	-223.8	-0.05	0.9581	1
Rv0573c	-	11	8	3811.9	5701.4	1889.5	0.58	0.6622	1
Rv0574c	-	16	10	2064.9	10974	8909	2.41	0.0676	1
Rv0575c	-	8	5	13762.3	11479.3	-2283	-0.26	0.6789	1
Rv0576	-	14	7	3680.8	4983.3	1302.5	0.44	0.672	1
Rv0577	TB27.3	12	10	2680.9	14748.6	12067.7	2.46	0.3212	1
Rv0578c	PE_PGRS7	14	1	419.1	1406.9	987.8	1.75	0.67	1
Rv0579	-	8	5	7790	3682.8	-4107.1	-1.08	0.3736	1
Rv0580c	-	7	5	1087.8	934.7	-153.1	-0.22	0.8578	1
Rv0581	-	4	3	2584.6	4518.9	1934.3	0.81	0.5349	1
Rv0582	-	9	5	1221.1	3313	2091.9	1.44	0.8696	1
Rv0583c	lpqN	6	6	1724.9	1818	93.1	0.08	0.931	1
Rv0584	-	50	31	13789.2	12146	-1643.2	-0.18	0.7762	1
Rv0585c	-	29	14	1346.3	3285.4	1939.1	1.29	0.5517	1
Rv0586	-	7	1	0	118.7	118.7	5.89	1	1
Rv0587	yrbE2A	9	6	518.3	38.7	-479.6	-3.74	0.2061	1
Rv0588	yrbE2B	10	5	128.6	772.8	644.2	2.59	0.7904	1
Rv0589	mce2A	19	8	1293	2063.1	770.1	0.67	0.7855	1
Rv0590	mce2B	7	5	288.8	13948.4	13659.6	5.59	0.6963	1
Rv0590A	-	7	4	105.7	4.3	-101.4	-4.63	0.2125	1
Rv0591	mce2C	17	9	6926.5	1436.9	-5489.6	-2.27	0.3775	1
Rv0592	mce2D	23	15	1339.5	2211.1	871.6	0.72	0.7674	1
Rv0593	lprL	15	12	10693.6	2619.7	-8073.9	-2.03	0.0651	1
Rv0594	mce2F	23	19	27318.3	26744.4	-573.9	-0.03	0.9571	1
Rv0595c	-	6	6	1936.7	983.2	-953.5	-0.98	0.6244	1
Rv0596c	-	2	1	172	3.6	-168.4	-5.59	1	1
Rv0597c	-	9	7	49397.9	62016.9	12618.9	0.33	0.8541	1
Rv0598c	-	5	4	4020.9	2537.6	-1483.2	-0.66	0.6049	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0599c	-	5	3	165.9	1465.9	1300	3.14	0.3572	1
Rv0600c	-	1	1	798.2	155.4	-642.9	-2.36	1	1
Rv0601c	-	4	3	31	1447.9	1416.9	5.55	0.5777	1
Rv0602c	tcrA	11	8	5626	1213.1	-4412.9	-2.21	0.0231	1
Rv0603	-	1	1	0	17.4	17.4	3.12	1	1
Rv0604	lpqO	3	2	5.1	3.7	-1.4	-0.47	0.8262	1
Rv0605	-	5	4	4041.2	4470.9	429.7	0.15	0.9026	1
Rv0606	-	7	5	2131.9	2500.6	368.8	0.23	0.9455	1
Rv0607	-	1	0	0	0	0	0	1	1
Rv0608	-	1	0	0	0	0	0	1	1
Rv0609	-	7	4	1242.3	1200.6	-41.7	-0.05	0.9063	1
Rv0609A	-	2	2	344.4	16.4	-328.1	-4.4	0.144	1
Rv0610c	-	3	1	387.4	601.7	214.3	0.64	1	1
Rv0611c	-	11	6	3511.4	2610.2	-901.2	-0.43	0.6936	1
Rv0612	-	5	3	1014.8	133.4	-881.4	-2.93	0.1559	1
Rv0613c	-	12	10	20493.2	12291.9	-8201.3	-0.74	0.529	1
Rv0614	-	10	7	10283	6504.3	-3778.7	-0.66	0.4595	1
Rv0615	-	3	2	1235.1	17.6	-1217.4	-6.13	0.1458	1
Rv0616c	-	5	2	48.3	88.2	39.9	0.87	0.769	1
Rv0617	-	1	1	2913.9	12273.1	9359.1	2.07	0.675	1
Rv0618	galTa	5	3	1082.2	1249.7	167.5	0.21	0.7247	1
Rv0619	galTb	10	6	1649.9	2032.5	382.6	0.3	0.8918	1
Rv0620	galK	4	2	572.4	25.8	-546.6	-4.47	0.3381	1
Rv0621	-	8	5	2368.2	1410.4	-957.9	-0.75	0.6819	1
Rv0622	-	9	6	993.7	1529.9	536.2	0.62	0.6597	1
Rv0623	-	1	0	0	0	0	0	1	1
Rv0624	-	6	6	2568.8	7008	4439.2	1.45	0.7465	1
Rv0625c	-	7	4	1760.7	1092.8	-668	-0.69	0.8139	1
Rv0626	-	4	2	1255.9	47.1	-1208.8	-4.74	0.3465	1
Rv0627	-	1	0	0	0	0	0	1	1
Rv0628c	-	3	2	11639.6	8703.2	-2936.4	-0.42	0.8831	1
Rv0629c	recD	11	5	7548.5	841.7	-6706.8	-3.16	0.334	1
Rv0630c	recB	26	16	3868.2	1748.3	-2119.9	-1.15	0.4979	1
Rv0631c	recC	14	8	4957.1	1342.6	-3614.5	-1.88	0.2669	1
Rv0632c	echA3	9	5	609.1	166.1	-443.1	-1.87	0.0878	1
Rv0633c	-	12	11	15355.5	23121.4	7765.9	0.59	0.6579	1
Rv0634A	-	6	5	18.7	991.6	972.9	5.73	0.0778	1
Rv0634B	rpmG	3	2	72.3	35.9	-36.3	-1.01	1	1
Rv0634c	-	11	10	3863.2	2139.7	-1723.5	-0.85	0.2759	1
Rv0635	-	12	5	12.6	7.4	-5.1	-0.76	0.7339	1
Rv0636	-	4	3	3.1	6.2	3.1	0.98	0.7173	1
Rv0637	-	5	2	0	38.4	38.4	4.26	0.4356	1
Rv0638	secE	9	3	59.7	48.3	-11.4	-0.3	0.8787	1
Rv0639	nusG	11	7	34.6	59.5	24.9	0.78	0.5978	1
Rv0640	rplK	4	4	15.7	33.5	17.8	1.09	0.5096	1
Rv0641	rplA	5	2	12.6	9.9	-2.7	-0.34	1	1
Rv0642c	mmaA4	12	6	54.4	21.8	-32.6	-1.32	0.4262	1
Rv0643c	mmaA3	17	16	10020.3	7491.7	-2528.6	-0.42	0.5326	1
Rv0644c	mmaA2	7	6	14962.1	29819.5	14857.4	0.99	0.3136	1
Rv0645c	mmaA1	12	12	24554.3	34156.3	9602.1	0.48	0.4827	1
Rv0646c	lipG	6	5	2284.3	1574.5	-709.7	-0.54	0.6234	1
Rv0647c	-	10	6	59.7	31	-28.7	-0.95	0.4561	1
Rv0648	-	30	22	58581.7	101113.4	42531.8	0.79	0.5192	1
Rv0649	fabD2	3	2	138.3	132.6	-5.6	-0.06	1	1
Rv0650	-	3	3	90	2965.4	2875.4	5.04	0.4029	1
Rv0651	rplJ	5	3	22	12.4	-9.6	-0.83	0.7289	1
Rv0652	rplL	0	0	0	0	0	0	1	1
Rv0653c	-	9	5	613.6	545.1	-68.4	-0.17	0.9557	1
Rv0654	-	22	15	13591.4	12467.5	-1123.8	-0.12	0.8241	1
Rv0655	mkl	11	8	1776.4	11118	9341.6	2.65	0.0863	1
Rv0656c	-	4	4	8851.8	13525.8	4674	0.61	0.5893	1
Rv0657c	-	1	1	3.1	4.6	1.5	0.55	0.6675	1
Rv0658c	-	11	9	1639.6	2932.6	1293	0.84	0.5661	1
Rv0659c	-	3	3	2373.1	1188.5	-1184.6	-1	0.4735	1
Rv0660c	-	2	2	1273.4	1017.8	-255.6	-0.32	0.8712	1
Rv0661c	-	3	3	2200	6019.7	3819.7	1.45	0.359	1
Rv0662c	-	2	2	1663.7	3593.6	1929.9	1.11	0.5717	1
Rv0663	atsD	34	14	13117.9	9695.9	-3422	-0.44	0.6576	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0664	-	2	1	9.4	0	-9.4	-2.24	1	1
Rv0665	-	5	4	437.4	1462	1024.6	1.74	0.9179	1
Rv0666	-	0	0	0	0	0	0	1	1
Rv0667	rpoB	24	13	97.4	127.7	30.3	0.39	0.6993	1
Rv0668	rpoC	30	7	31.4	40.9	9.5	0.38	0.8341	1
Rv0669c	-	25	17	12738.8	7888.9	-4849.9	-0.69	0.2948	1
Rv0670	end	5	4	3482.7	6535.9	3053.2	0.91	0.8952	1
Rv0671	lpqP	11	8	3538.5	3871.1	332.6	0.13	0.8806	1
Rv0672	fadE8	22	16	2214.2	6613.9	4399.8	1.58	0.1328	1
Rv0673	echA4	8	4	561.1	557.8	-3.3	-0.01	0.996	1
Rv0674	-	4	0	0	0	0	0	1	1
Rv0675	echA5	3	1	0	5	5	1.31	1	1
Rv0676c	mmpL5	27	20	8749.6	4340.6	-4409	-1.01	0.0514	1
Rv0677c	mmpS5	5	5	537.6	99.8	-437.7	-2.43	0.3548	1
Rv0678	-	2	2	137.6	259.5	121.9	0.92	0.7802	1
Rv0679c	-	5	5	1473.4	5002.5	3529.1	1.76	0.3856	1
Rv0680c	-	3	3	2149	5988.5	3839.5	1.48	0.4392	1
Rv0681	-	10	10	2875	4783.9	1908.9	0.73	0.5225	1
Rv0682	rpsL	5	3	15.7	34.7	19	1.14	0.4188	1
Rv0683	rpsG	4	1	28.3	13.6	-14.6	-1.05	1	1
Rv0684	fusA1	24	10	72.3	63.2	-9.1	-0.19	0.8929	1
Rv0685	tuf	9	5	94.3	9.9	-84.4	-3.25	0.061	1
Rv0686	-	8	8	13210.7	6225.9	-6984.8	-1.09	0.1781	1
Rv0687	fabG	11	8	2337.1	3617.8	1280.6	0.63	0.5225	1
Rv0688	-	13	7	2944.5	8271.5	5327.1	1.49	0.235	1
Rv0689c	-	3	1	436	485.4	49.5	0.16	1	1
Rv0690c	-	15	9	14550.9	15145.7	594.8	0.06	0.973	1
Rv0691c	-	9	7	3822.5	1615.7	-2206.8	-1.24	0.3972	1
Rv0692	-	5	3	1328.7	1982.4	653.7	0.58	0.5764	1
Rv0693	pqqE	14	9	3743.9	1997.6	-1746.3	-0.91	0.2835	1
Rv0694	lldD1	12	6	2121.7	2092.4	-29.3	-0.02	0.985	1
Rv0695	-	10	8	774.1	2434.4	1660.3	1.65	0.3316	1
Rv0696	-	17	8	23018.6	21235.1	-1783.5	-0.12	0.8819	1
Rv0697	-	19	4	564.2	474.6	-89.6	-0.25	0.8872	1
Rv0698	-	8	5	18.7	135.1	116.4	2.85	0.8311	1
Rv0699	-	2	2	3670.7	1230.4	-2440.3	-1.58	0.4843	1
Rv0700	rpsJ	6	5	0	40.9	40.9	4.35	0.0155	1
Rv0701	rplC	13	8	53.4	33.5	-20	-0.67	0.6371	1
Rv0702	rplD	8	4	15.7	18.6	2.9	0.24	0.9475	1
Rv0703	rplW	4	1	0	1.2	1.2	-0.69	1	1
Rv0704	rplB	13	2	0	6.2	6.2	1.63	0.4371	1
Rv0705	rpsS	1	1	0	5	5	1.31	1	1
Rv0706	rplV	3	2	3.1	34.7	31.6	3.47	0.4329	1
Rv0707	rpsC	13	5	66	23.6	-42.4	-1.49	0.2512	1
Rv0708	rplP	6	2	78.6	0	-78.6	-5.3	0.421	1
Rv0709	rpmC	3	1	3.1	0	-3.1	-0.65	1	1
Rv0710	rpsQ	9	5	69.1	37.2	-32	-0.89	0.5985	1
Rv0711	atsA	36	33	16294	18832.4	2538.4	0.21	0.7245	1
Rv0712	-	15	6	3604.7	2698.3	-906.4	-0.42	0.5774	1
Rv0713	-	13	9	9406.8	16487.4	7080.6	0.81	0.6909	1
Rv0714	rplN	3	2	6.3	31	24.7	2.3	0.4347	1
Rv0715	rplX	4	0	0	0	0	0	1	1
Rv0716	rplE	4	0	0	0	0	0	1	1
Rv0717	rpsN	2	0	0	0	0	0	1	1
Rv0718	rpsH	8	3	6.3	9.9	3.6	0.66	0.8799	1
Rv0719	rplF	9	4	106.8	3.7	-103.1	-4.84	0.126	1
Rv0720	rplR	1	1	37.7	5	-32.8	-2.93	1	1
Rv0721	rpsE	8	0	0	0	0	0	1	1
Rv0722	rpmD	1	1	0	7.4	7.4	1.89	1	1
Rv0723	rplO	2	1	0	57	57	4.83	1	1
Rv0724	sppA	22	15	4747.6	6258	1510.4	0.4	0.5299	1
Rv0724A	-	4	3	222	23.1	-198.9	-3.27	0.4215	1
Rv0725c	-	13	7	3166	2708.3	-457.8	-0.23	0.6747	1
Rv0726c	-	14	7	10439.7	5038.4	-5401.3	-1.05	0.5234	1
Rv0727c	fucA	9	9	1624.6	7352.3	5727.7	2.18	0.2106	1
Rv0728c	serA2	3	2	15.7	0	-15.7	-2.97	0.4341	1
Rv0729	xylB	15	12	8890.1	6063.2	-2826.9	-0.55	0.5395	1
Rv0730	-	0	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0731c	-	7	7	30997.3	49698.7	18701.3	0.68	0.5552	1
Rv0732	secY	21	12	91.1	105.4	14.2	0.21	0.7991	1
Rv0733	adk	3	1	0	1.2	1.2	-0.69	1	1
Rv0734	mapA	7	5	450.1	623.8	173.7	0.47	0.9857	1
Rv0735	sigL	5	4	9056.2	3334.6	-5721.5	-1.44	0.4396	1
Rv0736	-	6	4	78.6	137.2	58.7	0.8	0.6883	1
Rv0737	-	4	2	109.6	6.4	-103.2	-4.1	0.226	1
Rv0738	-	1	1	28.3	2.5	-25.8	-3.51	1	1
Rv0739	-	11	9	5654.8	9842.2	4187.5	0.8	0.265	1
Rv0740	-	8	7	505.7	153.4	-352.3	-1.72	0.3583	1
Rv0741	-	2	1	150.4	6	-144.4	-4.64	0.332	1
Rv0742	PE_PGRS8	5	3	467.7	181.2	-286.5	-1.37	0.4155	1
Rv0743c	-	7	6	5294.8	3940.5	-1354.4	-0.43	0.5197	1
Rv0744c	-	7	4	837.9	75.7	-762.3	-3.47	0.1548	1
Rv0745	-	5	1	830.5	1596.2	765.7	0.94	1	1
Rv0746	PE_PGRS9	12	5	515.6	1271.5	756	1.3	0.6096	1
Rv0747	PE_PGRS10	12	8	4650.7	4131.2	-519.5	-0.17	0.8807	1
Rv0748	-	2	2	71.1	337.9	266.7	2.25	0.2196	1
Rv0749	-	4	4	984.5	1300	315.4	0.4	0.7702	1
Rv0749A	-	1	1	34.6	6.2	-28.4	-2.48	1	1
Rv0750	-	3	2	1472.1	150.4	-1321.7	-3.29	0.1386	1
Rv0751c	mmsB	5	4	500.5	200.4	-300.2	-1.32	0.3082	1
Rv0752c	fadE9	13	8	1875.7	1027.6	-848.1	-0.87	0.6947	1
Rv0753c	mmsA	16	14	8627.2	1501.6	-7125.6	-2.52	0.0054	1
Rv0754	PE_PGRS11	22	11	16091.8	4950.7	-11141.1	-1.7	0.1986	1
Rv0755A	-	4	3	3342.5	5863.5	2521	0.81	0.6508	1
Rv0755c	PPE12	50	21	4502.5	3015.9	-1486.6	-0.58	0.5986	1
Rv0756c	-	6	5	10006.1	18613.8	8607.7	0.9	0.8752	1
Rv0757	phoP	7	5	75.3	83	7.8	0.14	0.9355	1
Rv0758	phoR	15	9	186	228.6	42.6	0.3	0.7513	1
Rv0759c	-	2	0	0	0	0	0	1	1
Rv0760c	-	5	5	1683.6	621.5	-1062.1	-1.44	0.3449	1
Rv0761c	adhB	12	10	4553.9	7127.7	2573.8	0.65	0.474	1
Rv0762c	-	9	8	3589.6	3046.3	-543.4	-0.24	0.8387	1
Rv0763c	-	1	0	0	0	0	0	1	1
Rv0764c	cyp51	14	10	7748.4	616.2	-7132.1	-3.65	0.1794	1
Rv0765c	-	9	6	3332.3	3725.5	393.3	0.16	0.9028	1
Rv0766c	cyp123	15	8	2813.6	1666.3	-1147.3	-0.76	0.4272	1
Rv0767c	-	10	9	3576.2	4088.8	512.6	0.19	0.8632	1
Rv0768	aldA	16	7	2984.5	2567.9	-416.6	-0.22	0.9447	1
Rv0769	-	15	9	8439.9	3789.4	-4650.5	-1.16	0.5136	1
Rv0770	-	6	5	1483.4	2942.8	1459.4	0.99	0.9327	1
Rv0771	-	8	7	994.1	546.4	-447.8	-0.86	0.9466	1
Rv0772	purD	19	8	28.3	63.2	34.9	1.16	0.3234	1
Rv0773c	ggtA	18	8	1137.7	172.9	-964.8	-2.72	0.9313	1
Rv0774c	-	7	4	9.4	8.7	-0.8	-0.12	1	1
Rv0775	-	9	7	5402.4	9641.3	4238.9	0.84	0.4053	1
Rv0776c	-	13	9	4208.6	3304.2	-904.4	-0.35	0.7013	1
Rv0777	purB	14	5	28.3	19.8	-8.5	-0.51	1	1
Rv0778	cyp126	15	13	3125.5	5414.5	2289	0.79	0.3982	1
Rv0779c	-	4	1	896.4	467.8	-428.6	-0.94	1	1
Rv0780	hemH	17	3	0	23.6	23.6	3.56	0.1236	1
Rv0781	ptrBa	20	3	85	8.3	-76.7	-3.35	1	1
Rv0782	ptrBb	29	16	4231.4	1587.2	-2644.2	-1.41	0.5288	1
Rv0783c	emrB	20	10	12099.9	7728	-4371.8	-0.65	0.6111	1
Rv0784	-	7	2	1603.3	810.6	-792.7	-0.98	0.7438	1
Rv0785	-	25	15	4324.7	16569.5	12244.8	1.94	0.0603	1
Rv0786c	-	10	7	1238.8	322.5	-916.3	-1.94	0.326	1
Rv0787	-	10	8	362.7	7379.5	7016.8	4.35	0.211	1
Rv0787A	-	2	0	0	0	0	0	1	1
Rv0788	purQ	11	4	0	60.7	60.7	4.92	0.0784	1
Rv0789c	-	7	4	3483.3	6068.5	2585.1	0.8	0.4251	1
Rv0790c	-	16	13	9905.4	8726.6	-1178.8	-0.18	0.828	1
Rv0791c	-	7	7	1327.4	65.5	-1261.9	-4.34	0.0995	1
Rv0792c	-	14	11	8049.2	6008.9	-2040.3	-0.42	0.6629	1
Rv0793	-	8	8	3505.9	7607.9	4101.9	1.12	0.6186	1
Rv0794c	-	14	9	4095	2527.5	-1567.5	-0.7	0.4992	1
Rv0795	-	3	3	1313.1	1571.2	258.1	0.26	0.7994	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0796	-	17	15	6983.6	6305.3	-678.3	-0.15	0.7947	1
Rv0797	-	5	5	2133.6	4888.1	2754.5	1.2	0.4266	1
Rv0798c	cfp29	14	7	327.7	1017.4	689.7	1.63	0.4704	1
Rv0799c	-	9	6	1320.7	817.6	-503.1	-0.69	0.4925	1
Rv0800	pepC	11	6	3260.8	5332.2	2071.4	0.71	0.3074	1
Rv0801	-	0	0	0	0	0	0	1	1
Rv0802c	-	15	7	4333.4	1284.5	-3048.9	-1.75	0.0676	1
Rv0803	purL	28	9	100.6	12.4	-88.2	-3.02	0.0192	1
Rv0804	-	6	5	20231.5	45583	25351.6	1.17	0.4174	1
Rv0805	-	14	8	5049.2	1108.4	-3940.8	-2.19	0.1183	1
Rv0806c	cpsY	34	26	17152.5	38462.9	21310.4	1.17	0.2132	1
Rv0807	-	2	1	3.1	1.2	-1.9	-1.34	1	1
Rv0808	purF	18	4	3.1	60.7	57.6	4.27	0.1266	1
Rv0809	purM	10	2	69.1	11.2	-58	-2.63	0.7129	1
Rv0810c	-	3	2	3.1	23.6	20.4	2.91	1	1
Rv0811c	-	15	7	56.6	7.4	-49.1	-2.93	0.1049	1
Rv0812	-	9	4	28.3	60.7	32.5	1.1	0.3741	1
Rv0813c	-	12	10	9470	23958	14488	1.34	0.2234	1
Rv0814c	sseC2	2	2	3717.8	2170.3	-1547.5	-0.78	0.3999	1
Rv0815c	cysA2	12	12	2935	14261.3	11326.3	2.28	0.0205	1
Rv0816c	thiX	2	1	47	1215.3	1168.3	4.69	1	1
Rv0817c	-	12	3	15.7	31	15.3	0.98	0.7237	1
Rv0818	-	6	5	40260.6	49353.9	9093.2	0.29	0.6223	1
Rv0819	-	7	3	44	7.4	-36.6	-2.56	0.5848	1
Rv0820	phoT	9	8	3983.3	322.4	-3660.8	-3.63	0.006	1
Rv0821c	phoY2	3	2	198	0.9	-197.1	-7.79	0.4331	1
Rv0822c	-	23	23	15400.7	24344.5	8943.9	0.66	0.6465	1
Rv0823c	-	16	11	7965.5	11382.2	3416.6	0.51	0.4074	1
Rv0824c	desA1	14	6	62.9	35.6	-27.3	-0.82	0.597	1
Rv0825c	-	9	9	8020.7	15230	7209.3	0.93	0.8098	1
Rv0826	-	16	14	29051.3	19280.5	-9770.8	-0.59	0.5445	1
Rv0827c	-	3	3	390	7499.8	7109.9	4.27	0.9108	1
Rv0828c	-	10	9	7419.6	8634.6	1215.1	0.22	0.8347	1
Rv0829	-	3	3	680.4	459	-221.4	-0.57	0.9546	1
Rv0830	-	12	12	8698.1	6192.7	-2505.5	-0.49	0.6019	1
Rv0831c	-	16	14	33552.5	30911.2	-2641.3	-0.12	0.8219	1
Rv0832	PE_PGRS12	3	1	198	1617.8	1419.8	3.03	0.6652	1
Rv0833	PE_PGRS13	8	3	1415.1	109.9	-1305.2	-3.69	0.8754	1
Rv0834c	PE_PGRS14	19	10	1055.5	4200.3	3144.7	1.99	0.1623	1
Rv0835	lpqQ	10	5	311.7	323.5	11.8	0.05	0.9681	1
Rv0836c	-	7	6	1536	2386.9	850.9	0.64	0.7054	1
Rv0837c	-	17	15	4947.3	6205.1	1257.8	0.33	0.8029	1
Rv0838	lpqR	6	4	270.7	638.7	368	1.24	0.8522	1
Rv0839	-	10	8	3761.4	2117.3	-1644.1	-0.83	0.4457	1
Rv0840c	pip	6	4	1751.1	1372.4	-378.6	-0.35	0.7508	1
Rv0841	-	3	2	53.4	5.9	-47.6	-3.19	1	1
Rv0842	-	17	13	1529.8	5318.7	3789	1.8	0.1795	1
Rv0843	-	17	15	7689.5	9377.4	1687.9	0.29	0.6036	1
Rv0844c	narL	8	7	6597.7	6911.2	313.5	0.07	0.9342	1
Rv0845	-	21	13	11483.7	9613.2	-1870.6	-0.26	0.7574	1
Rv0846c	-	25	16	8376.2	13115.2	4739.1	0.65	0.4868	1
Rv0847	lpqS	6	5	2253.1	1455.1	-798	-0.63	0.5412	1
Rv0848	cysK2	21	10	3407.5	500.6	-2906.9	-2.77	0.0768	1
Rv0849	-	17	15	6938.6	2208.4	-4730.2	-1.65	0.1269	1
Rv0850	-	8	5	1495	21.2	-1473.8	-6.14	0.0675	1
Rv0851c	-	7	4	96.3	1117.3	1021.1	3.54	0.2754	1
Rv0852	fadD16	12	9	2397.7	3274.4	876.7	0.45	0.6131	1
Rv0853c	pdc	18	9	5033.2	1715	-3318.2	-1.55	0.228	1
Rv0854	-	6	6	1766.1	2776.6	1010.5	0.65	0.5519	1
Rv0855	far	11	7	2089.2	22158.8	20069.6	3.41	0.0177	1
Rv0856	-	5	4	1419.9	2418.7	998.8	0.77	0.5175	1
Rv0857	-	6	5	11285.1	4326.8	-6958.3	-1.38	0.2878	1
Rv0858c	-	16	15	9802.9	10093.8	290.9	0.04	0.9634	1
Rv0859	fadA	7	4	203	269.5	66.5	0.41	0.517	1
Rv0860	fadB	18	9	778.4	281.2	-497.2	-1.47	0.3595	1
Rv0861c	ercc3	18	12	3696.3	1756.8	-1939.5	-1.07	0.2645	1
Rv0862c	-	24	3	177	16.3	-160.7	-3.44	0.2616	1
Rv0863	-	4	4	1994.6	1440.2	-554.4	-0.47	0.5967	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0864	moaC	9	5	7618.3	6015.3	-1603	-0.34	0.8418	1
Rv0865	mog	7	5	6035	5771.6	-263.4	-0.06	0.9532	1
Rv0866	moaE2	2	2	1763.8	3295.5	1531.7	0.9	0.3869	1
Rv0867c	rpfA	6	3	378.3	132.1	-246.2	-1.52	0.4696	1
Rv0868c	moaD2	5	4	4132.8	2969.9	-1162.9	-0.48	0.6108	1
Rv0869c	moaA	11	9	12159.4	12131	-28.4	0	0.9983	1
Rv0870c	-	2	2	1537.6	731.9	-805.7	-1.07	0.5593	1
Rv0871	cspB	2	2	1236	3320.2	2084.3	1.43	0.9972	1
Rv0872c	PE_PGRS15	21	12	4496.5	2048.4	-2448.1	-1.13	0.1997	1
Rv0873	fadE10	28	20	6850.4	7754.9	904.5	0.18	0.7716	1
Rv0874c	-	9	6	5183	11151.6	5968.7	1.11	0.195	1
Rv0875c	-	9	3	6.3	26	19.7	2.05	0.4607	1
Rv0876c	-	18	4	1051.4	380.2	-671.2	-1.47	0.3362	1
Rv0877	-	10	10	45917	49215	3298	0.1	0.9186	1
Rv0878c	PPE13	13	13	10386.4	6096.5	-4289.9	-0.77	0.2521	1
Rv0879c	-	1	1	0	8.7	8.7	2.12	1	1
Rv0880	-	1	1	3.1	0	-3.1	-0.65	1	1
Rv0881	-	10	7	5731.2	4671.9	-1059.3	-0.29	0.8392	1
Rv0882	-	1	0	0	0	0	0	1	1
Rv0883c	-	5	0	0	0	0	0	1	1
Rv0884c	serC	11	3	12.6	94.2	81.6	2.91	0.1777	1
Rv0885	-	10	7	337.4	1801.1	1463.7	2.42	0.4456	1
Rv0886	fprB	20	9	439	587.2	148.2	0.42	0.9124	1
Rv0887c	-	3	2	552.1	54.8	-497.3	-3.33	0.1744	1
Rv0888	-	23	17	6500.7	8364.1	1863.4	0.36	0.5902	1
Rv0889c	citA	8	5	1395.6	296.7	-1098.9	-2.23	0.2024	1
Rv0890c	-	36	26	29382.8	40875.8	11493	0.48	0.5567	1
Rv0891c	-	18	12	4129.1	1367.3	-2761.8	-1.59	0.1275	1
Rv0892	-	29	13	1936.6	841.8	-1094.9	-1.2	0.2145	1
Rv0893c	-	17	4	51.1	3.4	-47.8	-3.92	0.059	1
Rv0894	-	9	4	40.3	1222	1181.7	4.92	0.8103	1
Rv0895	-	23	20	11409.4	7228.8	-4180.6	-0.66	0.3315	1
Rv0896	gltA	19	6	0	29.7	29.7	3.89	0.0122	1
Rv0897c	-	14	6	249.3	315.4	66.1	0.34	0.5559	1
Rv0898c	-	0	0	0	0	0	0	1	1
Rv0899	ompA	14	5	359.3	53.5	-305.8	-2.75	0.4921	1
Rv0900	-	2	2	1607.7	306.3	-1301.4	-2.39	0.4501	1
Rv0901	-	7	5	3873.8	4670.9	797.1	0.27	0.7848	1
Rv0902c	prrB	11	5	44	12.4	-31.6	-1.83	0.1942	1
Rv0903c	prrA	7	2	3.1	1.2	-1.9	-1.34	1	1
Rv0904c	accD3	16	5	167.6	2.7	-164.9	-5.97	0.1426	1
Rv0905	echA6	6	2	924.3	4699.8	3775.6	2.35	0.9424	1
Rv0906	-	12	8	5262.7	650.6	-4612	-3.02	0.0776	1
Rv0907	-	29	13	429.3	1192.7	763.4	1.47	0.3879	1
Rv0908	ctpE	19	13	4062.3	6734	2671.7	0.73	0.5534	1
Rv0909	-	2	2	3595.3	1256.2	-2339.1	-1.52	0.5121	1
Rv0910	-	7	6	595.3	3057	2461.7	2.36	0.4256	1
Rv0911	-	11	5	527.8	5455.4	4927.5	3.37	0.1533	1
Rv0912	-	4	3	368.7	1135.1	766.4	1.62	0.7405	1
Rv0913c	-	33	7	2164.4	645.4	-1519	-1.75	0.2832	1
Rv0914c	-	13	9	5722.1	4058.1	-1664	-0.5	0.7873	1
Rv0915c	PPE14	12	7	8028.9	9813.4	1784.5	0.29	0.7787	1
Rv0916c	PE7	5	2	67	14.9	-52.1	-2.17	0.2571	1
Rv0917	betP	32	24	14057.5	15861.4	1803.9	0.17	0.8028	1
Rv0918	-	8	7	2090.3	4893.9	2803.6	1.23	0.2476	1
Rv0919	-	6	4	1377.3	1942.4	565	0.5	0.6523	1
Rv0920c	-	19	12	3050.8	5409.4	2358.5	0.83	0.6284	1
Rv0921	-	5	4	7250.7	1483.4	-5767.3	-2.29	0.4623	1
Rv0922	-	12	10	4919.3	5149.8	230.5	0.07	0.9576	1
Rv0923c	-	15	9	3887.9	7032.1	3144.2	0.85	0.7587	1
Rv0924c	mntH	12	10	6307.8	4957.8	-1350	-0.35	0.791	1
Rv0925c	-	14	11	14005.3	28381.2	14375.9	1.02	0.593	1
Rv0926c	-	18	15	5269.5	11924.2	6654.7	1.18	0.0788	1
Rv0927c	-	5	3	502.6	40.6	-461.9	-3.63	0.1486	1
Rv0928	pstS3	14	12	1890.7	101.8	-1788.9	-4.22	0.0038	1
Rv0929	pstC2	11	10	1837.7	1753.6	-84.1	-0.07	0.9717	1
Rv0930	pstA1	14	13	9694.6	382.6	-9312	-4.66	0.0001	0.1995
Rv0931c	pknD	35	28	35392.8	46252.1	10859.3	0.39	0.405	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv0932c	pstS2	21	20	13398.6	17776.8	4378.3	0.41	0.5782	1
Rv0933	pstB	11	9	1316.3	1079.6	-236.7	-0.29	0.8244	1
Rv0934	pstS1	16	11	9951.6	7006.3	-2945.4	-0.51	0.5006	1
Rv0935	pstC1	10	8	1939.2	6231.6	4292.3	1.68	0.1303	1
Rv0936	pstA2	14	8	898	862.7	-35.2	-0.06	0.955	1
Rv0937c	-	9	2	139.3	579.1	439.8	2.06	0.622	1
Rv0938	-	33	7	799.4	1268.8	469.4	0.67	0.6933	1
Rv0939	-	21	14	2402.3	3012.1	609.8	0.33	0.6649	1
Rv0940c	-	9	5	213.7	2.5	-211.2	-6.43	0.03	1
Rv0941c	-	6	5	545.7	6166.2	5620.4	3.5	0.0579	1
Rv0942	-	5	3	1468.4	1109.4	-359	-0.4	0.6789	1
Rv0943c	-	15	12	6454.6	7828.7	1374.1	0.28	0.7246	1
Rv0944	-	6	5	2483.6	5099.1	2615.6	1.04	0.3804	1
Rv0945	-	7	3	151.8	300	148.1	0.98	1	1
Rv0946c	pgi	14	4	50.3	1.2	-49	-5.34	0.191	1
Rv0948c	-	5	2	84.9	7.4	-77.4	-3.51	1	1
Rv0949	uvrD1	40	8	37.7	35.6	-2.1	-0.08	0.994	1
Rv0950c	-	13	7	1072.1	595.2	-476.9	-0.85	0.4816	1
Rv0951	sucC	14	6	15.7	50.8	35.1	1.69	0.7472	1
Rv0952	sucD	8	1	0	13.6	13.6	2.77	1	1
Rv0953c	-	9	7	9648.7	14665	5016.3	0.6	0.6549	1
Rv0954	-	23	8	3777.4	11577	7799.7	1.62	0.1898	1
Rv0955	-	13	2	3.1	1.2	-1.9	-1.34	1	1
Rv0956	purN	11	0	0	0	0	0	1	1
Rv0957	purH	18	2	0	12.4	12.4	2.63	0.4357	1
Rv0958	-	9	5	1215.7	444.8	-770.9	-1.45	0.2191	1
Rv0959	-	11	6	5145	3429.6	-1715.3	-0.59	0.5803	1
Rv0960	-	5	4	389.5	8643.7	8254.1	4.47	0.0847	1
Rv0961	-	6	4	482.7	1183.6	700.9	1.29	0.4285	1
Rv0962c	lprP	11	9	4545.9	16771.4	12225.5	1.88	0.1307	1
Rv0963c	-	9	8	6080.2	6302.6	222.4	0.05	0.9448	1
Rv0964c	-	4	3	506.6	1563.7	1057.2	1.63	0.4227	1
Rv0965c	-	4	1	15.7	5	-10.8	-1.66	1	1
Rv0966c	-	7	5	3652.1	2046.9	-1605.1	-0.84	0.6122	1
Rv0967	-	1	1	1656.8	1236.1	-420.8	-0.42	1	1
Rv0968	-	6	3	849.4	1574.5	725.1	0.89	0.4535	1
Rv0969	ctpV	13	9	2289.2	5143.7	2854.6	1.17	0.1961	1
Rv0970	-	10	8	2542	3872.1	1330.1	0.61	0.5615	1
Rv0971c	echA7	4	3	10332.6	4681.7	-5650.9	-1.14	0.3532	1
Rv0972c	fadE12	10	5	1221.4	1334.1	112.7	0.13	0.9169	1
Rv0973c	accA2	17	4	14.6	1215	1200.5	6.38	0.122	1
Rv0974c	accD2	17	5	13.6	1359	1345.5	6.65	0.1883	1
Rv0975c	fadE13	18	11	7316.7	3869	-3447.7	-0.92	0.3058	1
Rv0976c	-	15	9	6154.3	14111.3	7957	1.2	0.2812	1
Rv0977	PE_PGRS16	20	14	8145.3	6012.6	-2132.7	-0.44	0.4932	1
Rv0978c	PE_PGRS17	6	4	2045.3	5694.8	3649.4	1.48	0.5676	1
Rv0979A	rpmF	1	0	0	0	0	0	1	1
Rv0979c	-	1	0	0	0	0	0	1	1
Rv0980c	PE_PGRS18	10	6	7114.2	6346.3	-767.8	-0.16	0.8013	1
Rv0981	mprA	6	4	574.5	723.4	148.9	0.33	0.8417	1
Rv0982	mprB	18	3	3.1	35.9	32.8	3.52	0.4481	1
Rv0983	pepD	12	4	229.4	1425.2	1195.8	2.64	0.3513	1
Rv0984	moaB2	3	2	8220.1	357.5	-7862.6	-4.52	0.2263	1
Rv0985c	mscL	6	5	7528	7039.6	-488.4	-0.1	0.8877	1
Rv0986	-	15	2	66.3	0	-66.3	-5.05	0.4218	1
Rv0987	-	68	28	1994.1	2800.5	806.4	0.49	0.5568	1
Rv0988	-	30	6	583	803.4	220.4	0.46	0.6443	1
Rv0989c	grcC2	13	11	7697.5	6862.1	-835.5	-0.17	0.8932	1
Rv0990c	-	7	3	1007.6	1698.3	690.8	0.75	0.7501	1
Rv0991c	-	1	1	34.6	0	-34.6	-4.11	1	1
Rv0992c	-	6	4	6206.1	6823.9	617.7	0.14	0.9989	1
Rv0993	galU	10	2	22	19.8	-2.2	-0.15	1	1
Rv0994	moeA1	9	6	1882.1	335.7	-1546.4	-2.49	0.5619	1
Rv0995	rimJ	3	0	0	0	0	0	1	1
Rv0996	-	12	7	1264.8	1044.2	-220.7	-0.28	0.7941	1
Rv0997	-	4	2	277.6	10.2	-267.4	-4.77	0.1396	1
Rv0998	-	10	3	12.6	16.1	3.5	0.36	0.6915	1
Rv0999	-	5	2	60.7	306.9	246.2	2.34	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1000c	-	6	5	9879.9	8189.9	-1690	-0.27	0.7784	1
Rv1001	arcA	13	8	1896	4789	2893.1	1.34	0.5017	1
Rv1002c	-	17	7	28.3	26	-2.3	-0.12	0.9323	1
Rv1003	-	4	0	0	0	0	0	1	1
Rv1004c	-	8	5	8084.1	4264.8	-3819.3	-0.92	0.4153	1
Rv1005c	pabB	18	3	6.3	14.9	8.6	1.24	0.4188	1
Rv1006	-	34	28	6794.1	3205.1	-3589.1	-1.08	0.2187	1
Rv1007c	metG	21	7	50.3	43.4	-6.9	-0.21	0.8912	1
Rv1008	tatD	8	8	10142.5	10510	367.4	0.05	0.9456	1
Rv1009	rpfB	6	2	34.6	1967	1932.5	5.83	0.1763	1
Rv1010	ksgA	12	3	179.1	25.7	-153.4	-2.8	0.4562	1
Rv1011	ispE	12	1	6.3	0	-6.3	-1.65	1	1
Rv1012	-	5	3	6733.1	1771.7	-4961.5	-1.93	0.3342	1
Rv1013	pks16	19	12	198.4	226	27.6	0.19	0.9734	1
Rv1014c	pth	8	1	0	3.7	3.7	0.89	1	1
Rv1015c	rplY	6	3	6.3	28.5	22.2	2.18	0.7306	1
Rv1016c	lpqT	5	4	15342.5	27061.5	11718.9	0.82	0.4629	1
Rv1017c	prsA	8	2	6.3	6.2	-0.1	-0.02	1	1
Rv1018c	glmU	17	3	53.4	3.7	-49.7	-3.84	0.4575	1
Rv1019	-	7	7	60162	95430.1	35268.1	0.67	0.5717	1
Rv1020	mfd	23	15	3162.8	3162.9	0	0	1	1
Rv1021	-	11	3	6122.5	6321.5	199	0.05	0.9475	1
Rv1022	lpqU	7	5	116.7	23.9	-92.8	-2.28	0.171	1
Rv1023	eno	11	0	0	0	0	0	1	1
Rv1024	-	7	2	50.3	0	-50.3	-4.65	0.4281	1
Rv1025	-	5	2	44	8.7	-35.3	-2.34	1	1
Rv1026	-	6	2	57.6	0.9	-56.7	-6.01	0.4272	1
Rv1027c	kdpE	8	3	2976.2	394	-2582.3	-2.92	0.2902	1
Rv1028A	kdpF	3	2	18566.5	5485.8	-13080.7	-1.76	0.7476	1
Rv1028c	kdpD	17	9	7334.2	2444.8	-4889.4	-1.58	0.4168	1
Rv1029	kdpA	17	10	4693.4	6192.3	1498.9	0.4	0.8086	1
Rv1030	kdpB	9	8	10151.4	10718.5	567.1	0.08	0.9411	1
Rv1031	kdpC	8	5	591.1	1153.6	562.5	0.96	0.4422	1
Rv1032c	trcS	17	14	7832.6	6154.3	-1678.2	-0.35	0.7126	1
Rv1033c	trcR	13	12	6554	12432.1	5878.1	0.92	0.3758	1
Rv1034c	-	2	0	0	0	0	0	1	1
Rv1035c	-	3	0	0	0	0	0	1	1
Rv1036c	-	5	4	1740.2	2433.7	693.4	0.48	0.9558	1
Rv1037c	esxI	3	3	1425.2	2489	1063.8	0.8	0.5439	1
Rv1038c	esxJ	2	2	143.1	146.1	3	0.03	0.9922	1
Rv1039c	PPE15	16	10	6796.5	6743.8	-52.7	-0.01	0.9885	1
Rv1040c	PE8	8	8	2445.8	2831.3	385.5	0.21	0.8643	1
Rv1041c	-	14	13	9643.3	6790.4	-2852.9	-0.51	0.4468	1
Rv1042c	-	5	3	2809.3	4742.8	1933.5	0.76	0.4357	1
Rv1043c	-	12	9	12652.5	24975.5	12323	0.98	0.3358	1
Rv1044	-	8	2	0	3.7	3.7	0.89	0.4239	1
Rv1045	-	9	6	2324.3	13179.6	10855.3	2.5	0.1471	1
Rv1046c	-	4	4	1265.7	1483.4	217.7	0.23	0.7861	1
Rv1047	-	13	10	16458.1	15483.7	-974.4	-0.09	0.8403	1
Rv1048c	-	16	12	12633.6	7703.7	-4930	-0.71	0.293	1
Rv1049	-	4	3	1112.7	562.8	-549.9	-0.98	0.5359	1
Rv1050	-	5	2	189.6	16.9	-172.7	-3.49	0.59	1
Rv1051c	-	7	2	4237.5	66	-4171.5	-6	0.1477	1
Rv1052	-	4	2	834	36.6	-797.4	-4.51	0.1439	1
Rv1053c	-	5	3	483.3	11.7	-471.6	-5.37	0.0501	1
Rv1054	-	4	4	1287.1	1434.9	147.8	0.16	0.9881	1
Rv1055	-	3	0	0	0	0	0	1	1
Rv1056	-	17	15	36790.5	37653.2	862.6	0.03	0.961	1
Rv1057	-	11	10	13106.7	9652	-3454.7	-0.44	0.6189	1
Rv1058	fadD14	23	16	6091.6	2105	-3986.6	-1.53	0.1357	1
Rv1059	-	9	3	4626.2	2560.1	-2066.2	-0.85	0.6405	1
Rv1060	-	4	0	0	0	0	0	1	1
Rv1061	-	12	8	3229.2	4703.3	1474.1	0.54	0.6204	1
Rv1062	-	4	3	50.1	208.6	158.5	2.06	0.8417	1
Rv1063c	-	13	8	3238.4	4824.1	1585.7	0.57	0.5099	1
Rv1064c	lpqV	5	3	3104.2	1931.1	-1173.2	-0.68	0.6491	1
Rv1065	-	6	5	1032.5	1003.6	-28.9	-0.04	0.9683	1
Rv1066	-	3	2	385.5	1302.7	917.1	1.76	0.3968	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1067c	PE_PGRS19	12	6	308.3	1005.6	697.4	1.71	0.4943	1
Rv1068c	PE_PGRS20	8	4	328.6	941.4	612.9	1.52	0.6126	1
Rv1069c	-	16	13	16538.3	19228.4	2690.2	0.22	0.8056	1
Rv1070c	echA8	6	4	1233.1	409.5	-823.6	-1.59	0.2539	1
Rv1071c	echA9	11	9	3579.7	4221.3	641.6	0.24	0.8168	1
Rv1072	-	10	6	339.4	21.9	-317.5	-3.96	0.5688	1
Rv1073	-	18	16	21949.6	16588.3	-5361.3	-0.4	0.6192	1
Rv1074c	fadA3	10	8	31207	38477.9	7270.9	0.3	0.7283	1
Rv1075c	-	14	9	1721.9	3158	1436.1	0.87	0.5311	1
Rv1076	lipU	15	8	6478.5	14343.8	7865.3	1.15	0.3258	1
Rv1077	cbs	20	15	23926.2	12551.7	-11374.5	-0.93	0.2129	1
Rv1078	pra	14	7	610	143.5	-466.4	-2.09	0.2259	1
Rv1079	metB	17	11	1311.8	131.4	-1180.4	-3.32	0.0009	0.4489
Rv1080c	greA	7	0	0	0	0	0	1	1
Rv1081c	-	5	2	3.1	0.9	-2.3	-1.82	1	1
Rv1082	mca	12	9	2365.4	299.6	-2065.7	-2.98	0.0301	1
Rv1083	-	3	1	0	737.5	737.5	8.53	1	1
Rv1084	-	18	9	4055.2	1199	-2856.2	-1.76	0.3758	1
Rv1085c	-	9	2	9.4	0	-9.4	-2.24	0.4331	1
Rv1086	-	10	0	0	0	0	0	1	1
Rv1087	PE_PGRS21	17	13	8003.9	20693.6	12689.7	1.37	0.5361	1
Rv1087A	-	6	5	3155.6	7182.7	4027	1.19	0.509	1
Rv1088	PE9	4	2	2843.2	753.2	-2090	-1.92	0.4078	1
Rv1089	PE10	4	2	499.1	28.2	-470.9	-4.15	0.2086	1
Rv1089A	celA2a	1	1	381.3	447	65.7	0.23	1	1
Rv1090	celA2b	5	5	1509.8	1296.7	-213	-0.22	0.8867	1
Rv1091	PE_PGRS22	22	13	2456.2	1557.9	-898.3	-0.66	0.5257	1
Rv1092c	coaA	12	0	0	0	0	0	1	1
Rv1093	glyA	9	0	0	0	0	0	1	1
Rv1094	desA2	10	2	0	5	5	1.31	0.431	1
Rv1095	phoH2	11	9	1322.7	5869.1	4546.4	2.15	0.2608	1
Rv1096	-	15	5	238.7	52.9	-185.8	-2.17	0.1705	1
Rv1097c	-	7	1	9.4	0	-9.4	-2.24	1	1
Rv1098c	fumC	9	0	0	0	0	0	1	1
Rv1099c	glpX	10	3	37.7	19.8	-17.9	-0.93	1	1
Rv1100	-	8	5	833.4	794.8	-38.6	-0.07	0.948	1
Rv1101c	-	13	12	12858	22899.2	10041.3	0.83	0.2535	1
Rv1102c	-	5	4	1484.5	335.2	-1149.3	-2.15	0.0969	1
Rv1103c	-	5	4	4589.9	2912.1	-1677.8	-0.66	0.5363	1
Rv1104	-	9	7	3957.6	3024.7	-932.8	-0.39	0.7304	1
Rv1105	-	9	7	12607.4	16692.7	4085.3	0.4	0.7161	1
Rv1106c	-	17	16	13397	31132.1	17735.1	1.22	0.2389	1
Rv1107c	xseB	2	2	63.4	16.9	-46.6	-1.91	0.2038	1
Rv1108c	xseA	7	5	360.7	1199.3	838.6	1.73	0.4632	1
Rv1109c	-	5	3	249.7	1881.2	1631.5	2.91	0.4781	1
Rv1110	ispH	9	1	22	0	-22	-3.46	1	1
Rv1111c	-	17	6	250.6	261.8	11.3	0.06	0.9416	1
Rv1112	-	7	4	248.3	173.1	-75.1	-0.52	0.6797	1
Rv1113	-	1	0	0	0	0	0	1	1
Rv1114	-	2	2	88.1	14.3	-73.9	-2.63	0.0543	1
Rv1115	-	10	5	7271.1	10909.8	3638.7	0.59	0.5787	1
Rv1116	-	2	2	529.4	51	-478.4	-3.38	0.0875	1
Rv1116A	-	5	4	763.7	277.1	-486.6	-1.46	0.2054	1
Rv1117	-	3	3	2488.2	117.9	-2370.3	-4.4	0.0826	1
Rv1118c	-	7	5	1925.7	2384.9	459.2	0.31	0.7113	1
Rv1119c	-	3	2	40.9	37.2	-3.7	-0.14	1	1
Rv1120c	-	3	0	0	0	0	0	1	1
Rv1121	zwf1	18	9	3307.9	586.3	-2721.6	-2.5	0.0428	1
Rv1122	gnd2	11	1	0	1.8	1.8	-0.16	1	1
Rv1123c	bpoB	6	4	1916.7	1433.7	-483	-0.42	0.635	1
Rv1124	ephC	10	6	3250.3	7293.1	4042.7	1.17	0.9164	1
Rv1125	-	16	5	584.4	231.5	-352.9	-1.34	0.4225	1
Rv1126c	-	8	0	0	0	0	0	1	1
Rv1127c	ppdK	15	3	18.9	3.4	-15.5	-2.48	0.9191	1
Rv1128c	-	27	7	1840.7	889.2	-951.5	-1.05	0.9364	1
Rv1129c	-	17	4	2305.1	3366.2	1061	0.55	0.6633	1
Rv1130	-	19	12	2578	1238.4	-1339.6	-1.06	0.3113	1
Rv1131	gltA1	10	1	57.6	305.5	247.9	2.41	0.3339	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1132	-	20	10	9042.8	9420	377.1	0.06	0.9543	1
Rv1133c	metE	22	0	0	0	0	0	1	1
Rv1134	-	2	0	0	0	0	0	1	1
Rv1135A	-	6	3	2456.5	3566.5	1110	0.54	0.6505	1
Rv1135c	PPE16	18	10	10778.4	2534.7	-8243.7	-2.09	0.075	1
Rv1136	-	2	1	0	1.8	1.8	-0.16	1	1
Rv1137c	-	2	2	53.4	1357.3	1303.9	4.67	1	1
Rv1138c	-	12	7	6881.7	7637.6	756	0.15	0.9461	1
Rv1139c	-	8	5	241	700.1	459.1	1.54	0.3703	1
Rv1140	-	9	4	851.3	519.5	-331.8	-0.71	0.5587	1
Rv1141c	echA11	12	9	12368	20312	7944	0.72	0.3684	1
Rv1142c	echA10	7	5	4931	919.9	-4011.1	-2.42	0.0779	1
Rv1143	mcr	14	13	7258.4	6869.9	-388.5	-0.08	0.9362	1
Rv1144	-	7	6	535.1	6474.4	5939.3	3.6	0.044	1
Rv1145	mmpL13a	7	5	2222.9	1314.9	-907.9	-0.76	0.5413	1
Rv1146	mmpL13b	20	14	13690	11137.8	-2552.2	-0.3	0.6705	1
Rv1147	-	7	6	3660.8	1839.8	-1821	-0.99	0.7083	1
Rv1148c	-	18	11	2072.1	3080	1007.9	0.57	0.4487	1
Rv1149	-	5	3	2993.3	4768.6	1775.3	0.67	0.4993	1
Rv1151c	-	7	5	21376.1	43074	21697.8	1.01	0.5086	1
Rv1152	-	4	2	1612.7	367.3	-1245.4	-2.13	0.4546	1
Rv1153c	omt	16	10	8002.9	6261.2	-1741.6	-0.35	0.6627	1
Rv1154c	-	12	10	4925.3	4391.4	-533.9	-0.17	0.8939	1
Rv1155	-	7	7	17968.4	13571.5	-4396.9	-0.4	0.6322	1
Rv1156	-	9	5	29.1	2106.8	2077.6	6.18	0.3767	1
Rv1157c	-	6	3	140.3	12.9	-127.3	-3.44	0.1817	1
Rv1158c	-	8	3	27	2.7	-24.3	-3.33	1	1
Rv1159	pimE	23	3	18.9	19.8	1	0.07	1	1
Rv1159A	phhB	11	6	1721.8	735.2	-986.6	-1.23	0.3271	1
Rv1160	mutT2	3	2	990.3	1803.9	813.6	0.87	0.5941	1
Rv1161	narG	52	29	25553.8	31028.6	5474.8	0.28	0.7277	1
Rv1162	narH	26	22	18238.6	25321.8	7083.1	0.47	0.4065	1
Rv1163	narJ	11	6	7711.6	7006.5	-705.1	-0.14	0.8541	1
Rv1164	narI	14	9	841.1	49.4	-791.7	-4.09	0.013	1
Rv1165	typA	12	8	8020.3	5308.6	-2711.7	-0.6	0.665	1
Rv1166	lpqW	19	4	97.4	26	-71.4	-1.9	0.5202	1
Rv1167c	-	6	2	216.7	144.9	-71.8	-0.58	0.6352	1
Rv1168c	PPE17	11	10	2787.2	2166.1	-621	-0.36	0.6872	1
Rv1169c	PE11	3	2	657.1	2671.2	2014.2	2.02	0.3422	1
Rv1170	mshB	10	2	15.7	16.1	0.4	0.04	1	1
Rv1171	-	5	3	1610.5	3262.9	1652.4	1.02	0.5527	1
Rv1172c	PE12	12	9	4480.7	5550.4	1069.8	0.31	0.6793	1
Rv1173	fbiC	32	6	97	10.7	-86.3	-3.19	0.1016	1
Rv1174c	TB8.4	6	6	24119.3	16126	-7993.2	-0.58	0.5922	1
Rv1175c	fadH	17	12	6672	1954.7	-4717.3	-1.77	0.1782	1
Rv1176c	-	11	8	4230	4088	-142	-0.05	0.9587	1
Rv1177	fdxC	6	2	31.4	0	-31.4	-3.97	0.4227	1
Rv1178	-	16	8	194.4	821.9	627.4	2.08	0.4636	1
Rv1179c	-	32	20	11383.3	11774	390.7	0.05	0.9403	1
Rv1180	pks3	17	8	193.9	490	296.2	1.34	0.9522	1
Rv1181	pks4	51	20	5561.2	4551.7	-1009.4	-0.29	0.7019	1
Rv1182	papA3	30	16	2363.4	7420.9	5057.6	1.65	0.1395	1
Rv1183	mmpL10	43	17	941.2	1373.3	432.1	0.55	0.9834	1
Rv1184c	-	16	13	14072.3	1921.3	-12151	-2.87	0.0081	1
Rv1185c	fadD21	25	14	1614.4	7634	6019.6	2.24	0.0336	1
Rv1186c	-	17	8	8661.9	5795.8	-2866	-0.58	0.6397	1
Rv1187	rocA	18	2	323.6	98.6	-225	-1.71	0.5648	1
Rv1188	-	16	3	1400.7	66	-1334.7	-4.41	0.2573	1
Rv1189	sigI	4	3	191.1	1951.8	1760.7	3.35	0.4543	1
Rv1190	-	9	5	2559.1	1184.9	-1374.2	-1.11	0.8833	1
Rv1191	-	7	6	1420.1	12743.4	11323.3	3.17	0.0481	1
Rv1192	-	11	7	802.2	1398.7	596.5	0.8	0.7192	1
Rv1193	fadD36	13	3	2926.7	1937.7	-989	-0.59	0.914	1
Rv1194c	-	15	7	6460.3	21215.5	14755.2	1.72	0.5581	1
Rv1195	PE13	4	4	8045.3	20385.7	12340.4	1.34	0.5437	1
Rv1196	PPE18	7	6	2056.4	5220.7	3164.3	1.34	0.4172	1
Rv1197	esxK	1	1	275.4	85.8	-189.6	-1.68	0.6702	1
Rv1198	esxL	3	3	1926.5	3301.6	1375.1	0.78	0.6056	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1199c	-	13	11	17899.3	16020.8	-1878.5	-0.16	0.7488	1
Rv1200	-	18	15	21809.1	19170.2	-2639	-0.19	0.9104	1
Rv1201c	-	10	1	6.3	0	-6.3	-1.65	1	1
Rv1202	dapE	12	0	0	0	0	0	1	1
Rv1203c	-	5	2	28.3	4.6	-23.7	-2.62	1	1
Rv1204c	-	15	10	4775.6	2882.4	-1893.2	-0.73	0.3626	1
Rv1205	-	9	6	1300.2	1824.6	524.4	0.49	0.7026	1
Rv1206	fadD6	24	14	4817.2	11964.3	7147.1	1.31	0.8119	1
Rv1207	folP2	10	5	3746	1421.1	-2324.8	-1.4	0.2944	1
Rv1208	-	9	0	0	0	0	0	1	1
Rv1209	-	3	3	153.6	271.2	117.6	0.82	0.6522	1
Rv1210	tagA	9	8	3975	9713.5	5738.5	1.29	0.8028	1
Rv1211	-	2	0	0	0	0	0	1	1
Rv1212c	-	22	15	7191	7505.6	314.6	0.06	0.9492	1
Rv1213	glgC	26	20	28576.7	46585.4	18008.8	0.71	0.403	1
Rv1214c	PE14	5	3	2234	233.4	-2000.6	-3.26	0.0789	1
Rv1215c	-	17	11	4679.8	2298.1	-2381.7	-1.03	0.2824	1
Rv1216c	-	12	10	2097.6	2414.8	317.1	0.2	0.8215	1
Rv1217c	-	12	3	213.6	158	-55.6	-0.44	0.6982	1
Rv1218c	-	5	3	158.8	1628.8	1470	3.36	0.6998	1
Rv1219c	-	10	6	386.4	241.3	-145.2	-0.68	0.5497	1
Rv1220c	-	8	5	2372.5	433.4	-1939.1	-2.45	0.0787	1
Rv1221	sigE	11	4	582.9	48.3	-534.6	-3.59	0.214	1
Rv1222	-	2	1	518.2	3822.5	3304.3	2.88	1	1
Rv1223	htrA	13	1	25.1	0	-25.1	-3.65	1	1
Rv1224	tatB	4	2	0	71.9	71.9	5.17	0.4248	1
Rv1225c	-	5	4	7648.9	14854.6	7205.6	0.96	0.4554	1
Rv1226c	-	10	7	13455.6	12372.1	-1083.5	-0.12	0.8875	1
Rv1227c	-	6	2	190.9	16.7	-174.2	-3.52	0.423	1
Rv1228	lpqX	7	6	2860.7	2849.2	-11.6	-0.01	0.9976	1
Rv1229c	mrp	11	0	0	0	0	0	1	1
Rv1230c	-	15	11	10005.2	8394.3	-1610.9	-0.25	0.783	1
Rv1231c	-	6	4	618.7	901.9	283.2	0.54	0.9739	1
Rv1232c	-	6	4	7768.7	207.9	-7560.8	-5.22	0.0248	1
Rv1233c	-	18	11	2091.5	4786.5	2695	1.19	0.3824	1
Rv1234	-	6	4	1362.6	20.3	-1342.2	-6.07	0.0061	1
Rv1235	lpqY	23	9	2737	1774.9	-962.1	-0.62	0.5365	1
Rv1236	sugA	17	10	469.5	6105.2	5635.6	3.7	0.0932	1
Rv1237	sugB	9	0	0	0	0	0	1	1
Rv1238	sugC	17	9	13820.2	2753.1	-11067.1	-2.33	0.4238	1
Rv1239c	corA	20	6	186.4	457.3	270.9	1.29	0.5757	1
Rv1240	mdh	2	0	0	0	0	0	1	1
Rv1241	-	1	1	56.6	0	-56.6	-4.82	1	1
Rv1242	-	8	6	3021.7	3842.4	820.7	0.35	0.8168	1
Rv1243c	PE_PGRS23	12	8	2098.1	1154.4	-943.7	-0.86	0.3834	1
Rv1244	lpqZ	7	6	1344.3	281	-1063.4	-2.26	0.5875	1
Rv1245c	-	12	6	424.4	959.3	534.8	1.18	0.4333	1
Rv1246c	-	6	4	816.4	828.9	12.5	0.02	0.9702	1
Rv1247c	-	3	1	0	0.9	0.9	-1.16	1	1
Rv1248c	kgd	35	2	18.9	0	-18.9	-3.24	0.4231	1
Rv1249c	-	10	7	6798.2	10691.9	3893.7	0.65	0.4937	1
Rv1250	-	23	13	5773.4	4465.1	-1308.3	-0.37	0.5871	1
Rv1251c	-	43	23	4751.3	11057.8	6306.5	1.22	0.4131	1
Rv1252c	lprE	6	6	8583.9	13230.5	4646.5	0.62	0.6158	1
Rv1253	deaD	26	10	10199.8	3314.3	-6885.5	-1.62	0.1516	1
Rv1254	-	22	2	3.1	1.2	-1.9	-1.34	1	1
Rv1255c	-	5	4	589.5	2508	1918.4	2.09	0.1529	1
Rv1256c	cyp130	8	6	2049.6	4047.3	1997.6	0.98	0.3219	1
Rv1257c	-	13	7	3474.6	6198	2723.4	0.83	0.4979	1
Rv1258c	-	19	12	8504.9	4281	-4223.9	-0.99	0.1993	1
Rv1259	-	5	4	59.1	75.3	16.2	0.35	0.9703	1
Rv1260	-	21	4	192.8	46.1	-146.8	-2.07	0.0808	1
Rv1261c	-	7	4	1060.6	2396.2	1335.6	1.18	0.8598	1
Rv1262c	-	2	2	363.1	486.1	123	0.42	0.7941	1
Rv1263	amiB2	18	12	4288.6	2972.4	-1316.2	-0.53	0.5599	1
Rv1264	-	13	8	9811.1	14613.4	4802.3	0.57	0.5895	1
Rv1265	-	11	4	322	1200.5	878.5	1.9	0.7217	1
Rv1266c	pknH	25	23	20863.8	11249.9	-9613.8	-0.89	0.099	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1267c	embR	12	7	12272.6	4910.9	-7361.7	-1.32	0.2652	1
Rv1268c	-	9	5	3249.1	3204.9	-44.2	-0.02	0.9791	1
Rv1269c	-	7	7	1383.3	772.1	-611.1	-0.84	0.6941	1
Rv1270c	lprA	8	6	826.5	384.7	-441.9	-1.1	0.4906	1
Rv1271c	-	4	3	113.3	995.1	881.9	3.13	0.8801	1
Rv1272c	-	27	13	12755.6	372.1	-12383.5	-5.1	0	0
Rv1273c	-	25	13	6475.3	357.1	-6118.3	-4.18	0.002	0.8867
Rv1274	lprB	3	0	0	0	0	0	1	1
Rv1275	lprC	5	0	0	0	0	0	1	1
Rv1276c	-	4	0	0	0	0	0	1	1
Rv1277	-	14	5	746.8	834.8	88	0.16	0.8963	1
Rv1278	-	19	6	2359	35.5	-2323.5	-6.05	0.0009	0.4489
Rv1279	-	23	15	6471.7	3574.1	-2897.6	-0.86	0.3304	1
Rv1280c	oppA	20	14	17900.6	3950.8	-13949.8	-2.18	0.1464	1
Rv1281c	oppD	20	8	1045.4	1757	711.7	0.75	0.7106	1
Rv1282c	oppC	10	2	1340.4	1438.5	98.1	0.1	0.8659	1
Rv1283c	oppB	14	3	1226.4	282.6	-943.8	-2.12	0.0609	1
Rv1284	-	4	1	622.5	600.5	-22	-0.05	1	1
Rv1285	cysD	8	1	0	1.2	1.2	-0.69	1	1
Rv1286	cysN	24	4	1060	88.8	-971.2	-3.58	1	1
Rv1287	-	9	6	1058.2	2122.3	1064.1	1	0.9062	1
Rv1288	-	29	25	42370.9	32325.8	-10045.1	-0.39	0.4331	1
Rv1289	-	10	8	11663.4	4988.6	-6674.8	-1.23	0.1027	1
Rv1290A	-	6	2	1046.5	1299.2	252.7	0.31	1	1
Rv1290c	-	24	20	28391.6	28282.7	-108.9	-0.01	0.9923	1
Rv1291c	-	1	0	0	0	0	0	1	1
Rv1292	argS	28	2	0	23.2	23.2	3.54	0.4343	1
Rv1293	lysA	17	0	0	0	0	0	1	1
Rv1294	thrA	18	3	25.1	3.7	-21.4	-2.76	0.4521	1
Rv1295	thrC	14	0	0	0	0	0	1	1
Rv1296	thrB	11	0	0	0	0	0	1	1
Rv1297	rho	14	1	0	1.2	1.2	-0.69	1	1
Rv1298	rpmE	6	2	5	8.3	3.3	0.74	0.7124	1
Rv1299	prfA	10	3	3.1	17.4	14.2	2.47	0.4611	1
Rv1300	hemK	13	2	3.1	3.7	0.6	0.24	1	1
Rv1301	-	9	0	0	0	0	0	1	1
Rv1302	rfe	13	4	0	17	17	3.09	0.0758	1
Rv1303	-	3	0	0	0	0	0	1	1
Rv1304	atpB	8	1	0	12.4	12.4	2.63	1	1
Rv1305	atpE	4	0	0	0	0	0	1	1
Rv1306	atpF	3	0	0	0	0	0	1	1
Rv1307	atpH	12	0	0	0	0	0	1	1
Rv1308	atpA	20	5	6.3	17	10.7	1.44	0.6709	1
Rv1309	atpG	16	1	6.3	0	-6.3	-1.65	1	1
Rv1310	atpD	13	1	0	7.4	7.4	1.89	1	1
Rv1311	atpC	1	0	0	0	0	0	1	1
Rv1312	-	8	2	3.1	3.7	0.6	0.24	1	1
Rv1313c	-	14	10	10030.3	9865.1	-165.2	-0.02	0.9754	1
Rv1314c	-	10	5	1793.2	862.3	-930.8	-1.06	0.3603	1
Rv1315	murA	12	3	40.9	1.2	-39.6	-5.04	0.4613	1
Rv1316c	ogt	5	3	786.7	1491.9	705.2	0.92	0.7168	1
Rv1317c	alkA	8	6	1829.8	2118.8	289	0.21	0.8671	1
Rv1318c	-	9	7	3059.1	2540.9	-518.2	-0.27	0.8062	1
Rv1319c	-	20	18	7585.1	5881.7	-1703.4	-0.37	0.5239	1
Rv1320c	-	20	13	4772.6	10405.6	5633	1.12	0.3526	1
Rv1321	-	8	7	1858.3	3534.4	1676.1	0.93	0.5144	1
Rv1322	-	5	4	5770.6	424.2	-5346.4	-3.77	0.1678	1
Rv1322A	-	3	3	116.3	953.9	837.7	3.04	0.4216	1
Rv1323	fadA4	10	8	13920.8	5603.6	-8317.1	-1.31	0.406	1
Rv1324	-	5	0	0	0	0	0	1	1
Rv1325c	PE_PGRS24	5	2	191.6	370.2	178.7	0.95	0.9448	1
Rv1326c	glgB	34	1	0	7.4	7.4	1.89	1	1
Rv1327c	glgE	32	1	6.3	0	-6.3	-1.65	1	1
Rv1328	glgP	31	10	149.1	408.2	259.1	1.45	0.2774	1
Rv1329c	dinG	19	12	1845.5	4378.3	2532.8	1.25	0.1513	1
Rv1330c	-	21	15	6616.2	11102.9	4486.7	0.75	0.4041	1
Rv1331	clpS	5	5	547.2	368.9	-178.4	-0.57	0.632	1
Rv1332	-	5	3	286.1	5.4	-280.8	-5.74	0.0477	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1333	-	8	5	6209.8	15464.1	9254.3	1.32	0.6801	1
Rv1334	-	8	8	6930.5	6754.2	-176.3	-0.04	0.9693	1
Rv1335	-	4	4	9826.6	19589.1	9762.4	1	0.206	1
Rv1336	cysM	13	11	11346.7	4941.7	-6404.9	-1.2	0.1422	1
Rv1337	-	9	8	6032.2	6647.1	614.9	0.14	0.8723	1
Rv1338	murI	12	1	34.6	0	-34.6	-4.11	1	1
Rv1339	-	14	2	15.7	1.2	-14.5	-3.66	1	1
Rv1340	rph	11	1	6.3	0	-6.3	-1.65	1	1
Rv1341	-	3	2	114.1	5.7	-108.4	-4.32	0.3312	1
Rv1342c	-	5	2	59.7	3.7	-56	-4.01	1	1
Rv1343c	lprD	11	2	31.4	17.4	-14.1	-0.86	1	1
Rv1344	-	8	8	19308.1	24411.2	5103.1	0.34	0.8132	1
Rv1345	fadD33	22	18	11218.8	9623.8	-1595	-0.22	0.7563	1
Rv1346	fadE14	12	8	36291.4	57875.6	21584.2	0.67	0.6067	1
Rv1347c	-	10	3	905.1	61	-844.1	-3.89	0.0762	1
Rv1348	-	29	2	9.4	0	-9.4	-2.24	0.4288	1
Rv1349	-	15	0	0	0	0	0	1	1
Rv1350	fabG	9	4	239.8	6.6	-233.2	-5.18	0.1529	1
Rv1351	-	6	2	59.7	11.2	-48.6	-2.42	1	1
Rv1352	-	4	3	216.7	35.9	-180.8	-2.59	0.107	1
Rv1353c	-	10	3	1067.5	372.8	-694.8	-1.52	0.2359	1
Rv1354c	-	31	13	1317.9	6364	5046	2.27	0.2227	1
Rv1355c	moeY	30	5	300.3	355.3	55	0.24	0.9345	1
Rv1356c	-	23	13	3206	3691.3	485.3	0.2	0.862	1
Rv1357c	-	8	5	3063.6	2176.5	-887.1	-0.49	0.5418	1
Rv1358	-	59	40	19829.6	22411.9	2582.3	0.18	0.7123	1
Rv1359	-	14	8	791	1682	891.1	1.09	0.323	1
Rv1360	-	11	9	8172.1	9933.4	1761.3	0.28	0.705	1
Rv1361c	PPE19	8	6	1099.2	2166.9	1067.7	0.98	0.9271	1
Rv1362c	-	12	11	5198.7	11040.4	5841.7	1.09	0.2289	1
Rv1363c	-	6	5	6342.4	4639.9	-1702.5	-0.45	0.4962	1
Rv1364c	-	24	19	11353.1	1937.6	-9415.5	-2.55	0.0336	1
Rv1365c	rsfA	4	3	125.9	1642.9	1517	3.71	0.1437	1
Rv1366	-	15	11	6858.3	6577.7	-280.6	-0.06	0.9203	1
Rv1367c	-	13	11	4374.7	7786.7	3411.9	0.83	0.3082	1
Rv1368	lprF	6	6	5990	15853.1	9863.1	1.4	0.3555	1
Rv1369c	-	17	16	8146.4	7900.7	-245.7	-0.04	0.9389	1
Rv1370c	-	3	3	1237	1416.4	179.5	0.2	0.8825	1
Rv1371	-	27	8	2776.2	2723	-53.2	-0.03	0.9473	1
Rv1372	-	15	6	997	998.2	1.3	0	0.9982	1
Rv1373	-	14	12	3838.6	11689	7850.4	1.61	0.1618	1
Rv1374c	-	11	11	25352.8	54369.5	29016.7	1.1	0.3876	1
Rv1375	-	18	13	9043.4	16350.1	7306.7	0.85	0.1633	1
Rv1376	-	13	8	4044.7	2726	-1318.7	-0.57	0.6192	1
Rv1377c	-	10	6	524.8	26.2	-498.6	-4.32	0.0318	1
Rv1378c	-	16	10	6241.3	6965.4	724.1	0.16	0.8211	1
Rv1379	pyrR	6	1	0	1.2	1.2	-0.69	1	1
Rv1380	pyrB	12	1	3.1	3.7	0.6	0.24	1	1
Rv1381	pyrC	8	0	0	0	0	0	1	1
Rv1382	-	5	0	0	0	0	0	1	1
Rv1383	carA	9	0	0	0	0	0	1	1
Rv1384	carB	38	2	9.4	6.2	-3.2	-0.61	1	1
Rv1385	pyrF	5	1	3.1	0	-3.1	-0.65	1	1
Rv1386	PE15	2	2	6483.9	846.5	-5637.4	-2.94	0.632	1
Rv1387	PPE20	23	20	22997.5	19121.2	-3876.3	-0.27	0.7001	1
Rv1388	mihF	5	0	0	0	0	0	1	1
Rv1389	gmk	4	0	0	0	0	0	1	1
Rv1390	rpoZ	6	2	12.6	6.2	-6.4	-1.02	1	1
Rv1391	dfp	10	1	66	0	-66	-5.04	1	1
Rv1392	metK	12	0	0	0	0	0	1	1
Rv1393c	-	16	13	11962.1	16994.9	5032.8	0.51	0.5234	1
Rv1394c	cyp132	13	9	7749.4	7336.5	-412.9	-0.08	0.9115	1
Rv1395	-	11	5	3107.7	35.8	-3071.8	-6.44	0.0259	1
Rv1396c	PE_PGRS25	9	5	1900	4467.3	2567.4	1.23	0.3363	1
Rv1397c	-	6	4	2729.7	1751.7	-978	-0.64	0.4995	1
Rv1398c	-	2	2	349.3	951.8	602.6	1.45	0.6442	1
Rv1399c	lipH	11	6	6696	6501.9	-194.1	-0.04	0.9711	1
Rv1400c	lipI	12	5	1860.4	677.3	-1183.1	-1.46	0.7061	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1401	-	3	2	66	0.9	-65.1	-6.21	1	1
Rv1402	priA	22	4	78.6	12.4	-66.2	-2.66	0.5849	1
Rv1403c	-	10	7	2520.4	1089.2	-1431.2	-1.21	0.2267	1
Rv1404	-	5	0	0	0	0	0	1	1
Rv1405c	-	9	8	9768.8	17721.1	7952.2	0.86	0.7369	1
Rv1406	fmt	9	2	91.1	7.4	-83.7	-3.62	0.4254	1
Rv1407	fmu	15	9	14827.7	18348.9	3521.2	0.31	0.7631	1
Rv1408	rpe	9	4	75.4	11.2	-64.3	-2.76	0.7344	1
Rv1409	ribG	9	3	88	0	-88	-5.46	0.1926	1
Rv1410c	-	22	8	6343.7	3675.5	-2668.2	-0.79	0.5503	1
Rv1411c	lprG	7	1	132	0	-132	-6.04	1	1
Rv1412	ribC	4	1	9.4	0	-9.4	-2.24	1	1
Rv1413	-	4	4	3339.7	2040.8	-1298.9	-0.71	0.5333	1
Rv1414	-	2	2	704.7	1982.4	1277.7	1.49	0.3223	1
Rv1415	ribA2	11	4	37.7	2.5	-35.2	-3.93	0.2011	1
Rv1416	ribH	3	0	0	0	0	0	1	1
Rv1417	-	6	2	408.4	563.8	155.4	0.47	0.94	1
Rv1418	lprH	11	7	6000.4	13733	7732.6	1.19	0.4586	1
Rv1419	-	3	1	1487.5	8.9	-1478.6	-7.39	1	1
Rv1420	uvrC	19	4	31.4	0	-31.4	-3.97	0.0534	1
Rv1421	-	13	6	32.4	13.1	-19.3	-1.3	0.4252	1
Rv1422	-	7	4	1799.7	2186.2	386.5	0.28	0.806	1
Rv1423	whiA	6	0	0	0	0	0	1	1
Rv1424c	-	13	6	2021.8	6158	4136.2	1.61	0.4088	1
Rv1425	-	12	7	617.7	4486.8	3869.1	2.86	0.0978	1
Rv1426c	lipO	20	10	784.2	1248.9	464.7	0.67	0.853	1
Rv1427c	fadD12	15	6	3029.6	2419.6	-609.9	-0.32	0.6858	1
Rv1428c	-	12	8	4846.8	1816	-3030.9	-1.42	0.2147	1
Rv1429	-	14	11	5321	4100	-1221	-0.38	0.6286	1
Rv1430	PE16	31	21	5055.5	3157.1	-1898.4	-0.68	0.4887	1
Rv1431	-	22	11	4324.5	3918.3	-406.3	-0.14	0.924	1
Rv1432	-	11	4	83.9	22.2	-61.6	-1.92	0.2174	1
Rv1433	-	12	8	4482.1	3699.2	-782.9	-0.28	0.8138	1
Rv1434	-	1	0	0	0	0	0	1	1
Rv1435c	-	11	3	11050.4	20627	9576.7	0.9	0.8605	1
Rv1436	gap	9	1	12.6	0	-12.6	-2.65	1	1
Rv1437	pgk	10	0	0	0	0	0	1	1
Rv1438	tpiA	13	3	0	17.4	17.4	3.12	0.1838	1
Rv1439c	-	6	6	2605.4	4024.7	1419.3	0.63	0.6082	1
Rv1440	secG	4	2	18.9	1.2	-17.6	-3.93	1	1
Rv1441c	PE_PGRS26	12	5	3236.3	272.8	-2963.4	-3.57	0.0513	1
Rv1442	bisC	32	23	14382.1	27393.8	13011.7	0.93	0.3522	1
Rv1443c	-	1	1	4.1	0.9	-3.3	-2.21	0.3324	1
Rv1444c	-	3	2	50.1	2214.2	2164.1	5.46	0.6279	1
Rv1445c	devB	6	0	0	0	0	0	1	1
Rv1446c	opcA	12	2	805.5	259.2	-546.3	-1.64	0.8844	1
Rv1447c	zwf2	13	8	1428.8	1362.8	-66	-0.07	0.9638	1
Rv1448c	tal	10	3	915.6	718.5	-197.1	-0.35	0.516	1
Rv1449c	tkt	17	5	60.7	21.1	-39.6	-1.53	0.2654	1
Rv1450c	PE_PGRS27	23	7	287.9	1389.3	1101.5	2.27	0.2956	1
Rv1451	ctaB	12	3	44	7.4	-36.6	-2.56	1	1
Rv1452c	PE_PGRS28	12	7	2303.5	7936.3	5632.8	1.78	0.3579	1
Rv1453	-	9	8	5606.9	4675.9	-931	-0.26	0.8122	1
Rv1454c	qor	12	8	31573.7	28438.3	-3135.4	-0.15	0.8897	1
Rv1455	-	11	9	10117.5	8906.9	-1210.6	-0.18	0.8583	1
Rv1456c	-	12	1	9.4	9.9	0.5	0.07	1	1
Rv1457c	-	7	0	0	0	0	0	1	1
Rv1458c	-	9	2	3.1	5	1.8	0.66	1	1
Rv1459c	-	23	6	264	128.3	-135.7	-1.04	0.6714	1
Rv1460	-	6	1	0	5	5	1.31	1	1
Rv1461	-	50	11	56.6	79.3	22.8	0.49	0.6914	1
Rv1462	-	11	1	3.1	1.2	-1.9	-1.34	1	1
Rv1463	-	7	2	69.1	9.9	-59.2	-2.8	1	1
Rv1464	csd	13	0	0	0	0	0	1	1
Rv1465	-	6	1	3.1	23.6	20.4	2.91	1	1
Rv1466	-	1	0	0	0	0	0	1	1
Rv1467c	fadE15	23	17	3469.6	17189.3	13719.7	2.31	0.1228	1
Rv1468c	PE_PGRS29	7	2	81.7	29.4	-52.3	-1.47	0.2548	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1469	ctpD	16	10	3084.6	1265.9	-1818.7	-1.28	0.2158	1
Rv1470	trxA	3	3	1774.9	2594	819.2	0.55	0.7707	1
Rv1471	trxB1	1	1	0	1.2	1.2	-0.69	1	1
Rv1472	echA12	13	9	7843.6	5485.6	-2358	-0.52	0.6336	1
Rv1473	-	21	18	3373.4	3690.5	317.1	0.13	0.9789	1
Rv1473A	-	4	2	1158	579.5	-578.5	-1	0.4864	1
Rv1474c	-	6	4	148.3	1005.7	857.5	2.76	0.4439	1
Rv1475c	acn	40	5	12.6	6.4	-6.2	-0.97	0.5166	1
Rv1476	-	5	1	22	0	-22	-3.46	1	1
Rv1477	-	15	2	6.3	11.2	4.9	0.83	1	1
Rv1478	-	6	5	2587.3	480.4	-2106.9	-2.43	0.0846	1
Rv1479	moxR1	11	3	6.3	11.2	4.9	0.83	0.7312	1
Rv1480	-	2	1	0	0.9	0.9	-1.16	1	1
Rv1481	-	8	2	34.6	1.2	-33.3	-4.8	1	1
Rv1482c	-	8	4	951.8	966.7	14.9	0.02	0.9361	1
Rv1483	fabG1	9	2	40.9	0	-40.9	-4.35	0.4262	1
Rv1484	inhA	7	1	0	2.5	2.5	0.31	1	1
Rv1485	hemH	20	2	0	7.4	7.4	1.89	0.4241	1
Rv1486c	-	5	5	3772.4	9864.3	6091.9	1.39	0.8384	1
Rv1487	-	3	3	762.5	2093.3	1330.8	1.46	0.6692	1
Rv1488	-	12	11	19036.3	23298.4	4262.1	0.29	0.6589	1
Rv1489	-	6	5	3232.5	13850.2	10617.7	2.1	0.035	1
Rv1489A	-	4	4	1294.1	630	-664	-1.04	0.3511	1
Rv1490	-	35	19	888.2	1983.8	1095.5	1.16	0.7323	1
Rv1491c	-	11	8	4424.2	7673.2	3249.1	0.79	0.4042	1
Rv1492	mutA	11	9	7506.7	2151	-5355.7	-1.8	0.0585	1
Rv1493	mutB	27	15	14393.9	6321	-8072.8	-1.19	0.168	1
Rv1494	-	8	3	81	19.8	-61.2	-2.03	0.7268	1
Rv1495	-	5	4	811.3	97.1	-714.2	-3.06	0.1627	1
Rv1496	-	3	2	1534.5	414.7	-1119.7	-1.89	0.7185	1
Rv1497	lipL	13	10	11242.4	14017.3	2774.9	0.32	0.7468	1
Rv1498A	-	2	2	771.8	1116.6	344.7	0.53	0.7124	1
Rv1498c	-	13	10	6990.4	12950.2	5959.8	0.89	0.2797	1
Rv1499	-	4	4	1344.6	1373.4	28.8	0.03	0.97	1
Rv1500	-	24	9	957	79.3	-877.7	-3.59	0.015	1
Rv1501	-	24	12	4132.6	7789.9	3657.2	0.91	0.7861	1
Rv1502	-	27	8	1312.5	1882.3	569.8	0.52	0.6852	1
Rv1503c	-	15	12	10495.1	14476.6	3981.5	0.46	0.4553	1
Rv1504c	-	9	8	4055.4	5336.3	1280.9	0.4	0.5484	1
Rv1505c	-	21	8	4718.5	2965.5	-1753	-0.67	0.7035	1
Rv1506c	-	14	5	2277.2	1525.3	-752	-0.58	0.6201	1
Rv1507A	-	13	3	85.9	71.4	-14.5	-0.27	0.504	1
Rv1507c	-	21	6	770.7	13.5	-757.1	-5.83	0.0475	1
Rv1508A	-	10	9	5808.4	10992	5183.6	0.92	0.405	1
Rv1508c	-	37	32	18517.5	26679.7	8162.1	0.53	0.5492	1
Rv1509	-	12	7	1731.7	789.5	-942.1	-1.13	0.3524	1
Rv1510	-	19	15	8413.3	4318.5	-4094.8	-0.96	0.096	1
Rv1511	gmdA	18	14	14474.3	13729.9	-744.4	-0.08	0.9027	1
Rv1512	epiA	7	2	0	19.8	19.8	3.31	0.4272	1
Rv1513	-	5	1	1	0.9	-0.1	-0.16	1	1
Rv1514c	-	14	7	891.8	1057.3	165.5	0.25	0.8465	1
Rv1515c	-	13	6	4135	1594.4	-2540.5	-1.37	0.2971	1
Rv1516c	-	8	5	70	2099.1	2029.1	4.91	0.9753	1
Rv1517	-	8	3	292.4	1074.7	782.3	1.88	0.4088	1
Rv1518	-	10	6	374.1	184.7	-189.4	-1.02	0.4459	1
Rv1519	-	2	2	1141.2	1472.4	331.2	0.37	0.9454	1
Rv1520	-	16	15	9426.2	6036.9	-3389.2	-0.64	0.492	1
Rv1521	fadD25	32	27	9611.6	16644.9	7033.2	0.79	0.2819	1
Rv1522c	mmpL12	43	28	18836.1	9603.8	-9232.3	-0.97	0.0493	1
Rv1523	-	14	11	9038.7	5076	-3962.7	-0.83	0.2805	1
Rv1524	-	9	5	928.7	1207.4	278.7	0.38	0.7968	1
Rv1525	wbbL2	16	7	1349.2	1151	-198.1	-0.23	0.7866	1
Rv1526c	-	16	9	5564.2	3085.9	-2478.3	-0.85	0.403	1
Rv1527c	pks5	65	43	31404.3	25251.1	-6153.2	-0.31	0.4619	1
Rv1528c	papA4	6	4	1453.4	267.8	-1185.6	-2.44	0.1843	1
Rv1529	fadD24	29	19	7042.9	20414.6	13371.6	1.54	0.174	1
Rv1530	adh	18	8	3580.1	1895.8	-1684.3	-0.92	0.6488	1
Rv1531	-	6	4	487.5	107	-380.5	-2.19	0.5297	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1532c	-	4	2	17.7	11.6	-6.1	-0.61	0.7152	1
Rv1533	-	9	3	149.4	82.2	-67.2	-0.86	0.6634	1
Rv1534	-	12	5	968.1	1789.8	821.7	0.89	0.9026	1
Rv1535	-	3	3	564.8	5065.3	4500.5	3.16	0.0789	1
Rv1536	ileS	65	13	50.3	102.5	52.3	1.03	0.344	1
Rv1537	dinX	12	7	6008.9	1379.6	-4629.3	-2.12	0.1654	1
Rv1538c	ansA	11	4	81.7	25.5	-56.2	-1.68	0.4254	1
Rv1539	lspA	6	1	53.4	0	-53.4	-4.74	1	1
Rv1540	-	9	3	0	42.1	42.1	4.4	0.1801	1
Rv1541c	lprI	8	8	805.1	1478.4	673.3	0.88	0.3425	1
Rv1542c	glbN	6	4	428.1	9.4	-418.7	-5.51	0.0057	1
Rv1543	-	12	11	67622.1	90216.3	22594.2	0.42	0.6676	1
Rv1544	-	9	7	13398.4	23508.8	10110.4	0.81	0.3364	1
Rv1545	-	3	2	3503.4	867.9	-2635.5	-2.01	0.1432	1
Rv1546	-	2	2	5484.3	6425.4	941.1	0.23	0.8228	1
Rv1547	dnaE	41	11	47.1	62	14.8	0.39	0.6542	1
Rv1548c	PPE21	39	27	19775	25702.7	5927.6	0.38	0.5486	1
Rv1549	fadD11.1	8	6	4742.3	9764.3	5022.1	1.04	0.5173	1
Rv1550	fadD11	20	17	19827.7	33441.3	13613.6	0.75	0.3634	1
Rv1551	plsB1	26	16	9516.6	4600.5	-4916.1	-1.05	0.1911	1
Rv1552	frdA	33	16	10238.2	2609.8	-7628.4	-1.97	0.1096	1
Rv1553	frdB	12	11	6601.1	16377.3	9776.2	1.31	0.1733	1
Rv1554	frdC	8	6	8378.2	10228.4	1850.2	0.29	0.7469	1
Rv1555	frdD	2	1	487.8	334.8	-153	-0.54	1	1
Rv1556	-	9	7	4062.9	6135.6	2072.6	0.59	0.5719	1
Rv1557	mmpL6	18	13	17222.3	9948.3	-7274	-0.79	0.3703	1
Rv1558	-	6	5	2082.8	3843.1	1760.3	0.88	0.5575	1
Rv1559	ilvA	19	8	22	39.7	17.7	0.85	0.5515	1
Rv1560	-	2	0	0	0	0	0	1	1
Rv1561	-	7	4	2073.2	588.9	-1484.4	-1.82	0.1364	1
Rv1562c	treZ	25	11	5167	6173.4	1006.4	0.26	0.8288	1
Rv1563c	treY	23	6	1431.3	483.2	-948.1	-1.57	0.506	1
Rv1564c	treX	35	15	2337.9	2633.3	295.3	0.17	0.8777	1
Rv1565c	-	33	9	18.9	64.5	45.6	1.77	0.3181	1
Rv1566c	-	9	7	2587.5	8447.3	5859.9	1.71	0.5222	1
Rv1567c	-	7	5	3455.8	2829.3	-626.5	-0.29	0.7054	1
Rv1568	bioA	11	5	31.3	16.5	-14.8	-0.92	0.4881	1
Rv1569	bioF1	6	5	78.6	24.4	-54.1	-1.68	0.2035	1
Rv1570	bioD	1	0	0	0	0	0	1	1
Rv1571	-	2	0	0	0	0	0	1	1
Rv1572c	-	1	1	29	0	-29	-3.86	1	1
Rv1573	-	1	0	0	0	0	0	1	1
Rv1574	-	2	1	12.6	111.9	99.3	3.15	0.671	1
Rv1575	-	5	3	28.7	96.3	67.6	1.75	0.7777	1
Rv1576c	-	6	2	28.3	0	-28.3	-3.82	0.4319	1
Rv1577c	-	6	0	0	0	0	0	1	1
Rv1578c	-	4	3	18.9	1.8	-17.1	-3.4	0.1815	1
Rv1579c	-	4	3	31.4	149.6	118.2	2.25	0.3852	1
Rv1580c	-	5	4	4447.1	8187.6	3740.5	0.88	0.7091	1
Rv1581c	-	5	3	133	621	488	2.22	1	1
Rv1582c	-	26	9	687.2	1092.2	404.9	0.67	0.6333	1
Rv1583c	-	5	2	95.1	771.2	676.1	3.02	0.6309	1
Rv1584c	-	1	1	278.1	8981.7	8703.6	5.01	1	1
Rv1585c	-	8	1	11.4	1737.3	1725.8	7.25	1	1
Rv1586c	-	17	9	2754.2	6088.9	3334.7	1.14	0.3268	1
Rv1587c	-	13	9	5088.6	4197.2	-891.4	-0.28	0.7471	1
Rv1588c	-	8	6	1106.5	2825.8	1719.3	1.35	0.1135	1
Rv1589	bioB	7	6	124.4	61.3	-63.1	-1.02	0.9891	1
Rv1590	-	3	2	69.9	13.3	-56.5	-2.39	0.2283	1
Rv1591	-	4	3	3059.6	1401.3	-1658.2	-1.13	0.3572	1
Rv1592c	-	18	7	1559.1	50.2	-1508.9	-4.96	0.6662	1
Rv1593c	-	11	7	606.3	247.8	-358.5	-1.29	0.2607	1
Rv1594	nadA	8	0	0	0	0	0	1	1
Rv1595	nadB	20	5	97.4	22.3	-75.1	-2.13	0.2113	1
Rv1596	nadC	10	3	3.1	32.2	29.1	3.36	0.7359	1
Rv1597	-	10	7	3704.6	8737.5	5032.9	1.24	0.3238	1
Rv1598c	-	7	6	1565.8	3236.2	1670.4	1.05	0.8793	1
Rv1599	hisD	11	3	37.7	11.2	-26.6	-1.76	0.7265	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1600	hisC1	22	4	3	5	2	0.72	0.7144	1
Rv1601	hisB	11	2	6.3	9.9	3.6	0.66	1	1
Rv1602	hisH	6	0	0	0	0	0	1	1
Rv1603	hisA	7	2	0	15.4	15.4	2.95	0.4252	1
Rv1604	impA	10	5	1084.7	5636.2	4551.6	2.38	0.1981	1
Rv1605	hisF	5	0	0	0	0	0	1	1
Rv1606	hisI	6	3	25.1	39.7	14.5	0.66	0.847	1
Rv1607	chaA	8	5	227.7	287.9	60.2	0.34	0.9681	1
Rv1608c	bcpB	4	1	2790.6	106.3	-2684.4	-4.72	1	1
Rv1609	trpE	19	4	37.7	22.3	-15.4	-0.76	1	1
Rv1610	-	4	1	3.1	3.7	0.6	0.24	1	1
Rv1611	trpC	8	2	12.6	1.2	-11.3	-3.34	1	1
Rv1612	trpB	15	4	28.3	19.8	-8.5	-0.51	1	1
Rv1613	trpA	13	2	0	8.7	8.7	2.12	0.4254	1
Rv1614	lgt	23	5	2838.1	2534.9	-303.2	-0.16	0.9001	1
Rv1615	-	7	7	315.3	353.1	37.9	0.16	0.8744	1
Rv1616	-	9	7	3351.3	4204.5	853.2	0.33	0.7558	1
Rv1617	pykA	11	5	15.7	8.7	-7	-0.86	0.5977	1
Rv1618	tesB1	14	11	3881.4	4560.6	679.2	0.23	0.7918	1
Rv1619	-	16	5	197.1	626.4	429.2	1.67	0.8134	1
Rv1620c	cydC	15	3	28.3	0.9	-27.4	-4.99	0.4491	1
Rv1621c	cydD	16	5	33	534.1	501.1	4.02	0.0889	1
Rv1622c	cydB	18	2	793.7	157	-636.7	-2.34	0.361	1
Rv1623c	cydA	15	6	211.3	33.2	-178.1	-2.67	0.444	1
Rv1624c	-	5	4	3256.4	1980.8	-1275.6	-0.72	0.5074	1
Rv1625c	cya	22	18	17106.4	15212.7	-1893.8	-0.17	0.7675	1
Rv1626	-	5	5	527.3	186.5	-340.8	-1.5	0.9551	1
Rv1627c	-	14	8	764.7	1938.6	1174	1.34	0.4677	1
Rv1628c	-	6	4	2311.7	2114.1	-197.6	-0.13	0.925	1
Rv1629	polA	30	4	28.3	3.7	-24.6	-2.93	0.3182	1
Rv1630	rpsA	11	0	0	0	0	0	1	1
Rv1631	coaE	9	1	1	0	-1	1	1	1
Rv1632c	-	8	8	5402.7	4311.7	-1090.9	-0.33	0.7031	1
Rv1633	uvrB	35	18	896.1	212.6	-683.5	-2.08	0.1576	1
Rv1634	-	22	18	3200.2	7349.9	4149.8	1.2	0.1959	1
Rv1635c	-	26	23	15759.7	18563.3	2803.6	0.24	0.7486	1
Rv1636	TB15.3	6	2	15.7	6.2	-9.5	-1.34	1	1
Rv1637c	-	5	4	851.5	591.5	-260	-0.53	0.8768	1
Rv1638	uvrA	28	13	132	269.8	137.8	1.03	0.4329	1
Rv1638A	-	5	2	3643	10252.4	6609.4	1.49	0.5444	1
Rv1639c	-	11	8	6019.1	5890.5	-128.6	-0.03	0.9648	1
Rv1640c	lysS	53	29	19910.4	15476.1	-4434.3	-0.36	0.6905	1
Rv1641	infC	10	2	6.3	6.2	-0.1	-0.02	1	1
Rv1642	rpmI	1	0	0	0	0	0	1	1
Rv1643	rplT	7	3	3.1	37.2	34	3.56	0.4572	1
Rv1644	tsnR	9	8	33906.8	46470.8	12564	0.45	0.6959	1
Rv1645c	-	17	12	17795.5	28368.6	10573.1	0.67	0.5436	1
Rv1646	PE17	11	11	13446.1	7113.6	-6332.4	-0.92	0.5645	1
Rv1647	-	6	4	7249.3	4109	-3140.3	-0.82	0.7935	1
Rv1648	-	9	9	5769.7	10494.8	4725.1	0.86	0.3225	1
Rv1649	pheS	12	4	25.1	32.2	7.1	0.36	0.641	1
Rv1650	pheT	29	3	22	6.2	-15.8	-1.83	1	1
Rv1651c	PE_PGRS30	37	22	14835.3	14875	39.8	0	0.9956	1
Rv1652	argC	15	1	0	2.5	2.5	0.31	1	1
Rv1653	argJ	2	0	0	0	0	0	1	1
Rv1654	argB	4	1	0	5	5	1.31	1	1
Rv1655	argD	9	3	0	13.6	13.6	2.77	0.1794	1
Rv1656	argF	5	0	0	0	0	0	1	1
Rv1657	argR	3	1	202	482	280	1.25	1	1
Rv1658	argG	13	6	66	29.7	-36.2	-1.15	0.8766	1
Rv1659	argH	7	3	0	8.7	8.7	2.12	0.1765	1
Rv1660	pks10	9	9	12742.7	4159.3	-8583.4	-1.62	0.2134	1
Rv1661	pks7	58	17	7044.9	2299.3	-4745.6	-1.62	0.122	1
Rv1662	pks8	50	7	2114.1	1824.9	-289.3	-0.21	0.8021	1
Rv1663	pks17	15	8	2673.7	162.7	-2511	-4.04	0.0855	1
Rv1664	pks9	32	17	5382.9	7900.3	2517.4	0.55	0.4888	1
Rv1665	pks11	8	7	2186.7	3526.4	1339.7	0.69	0.4055	1
Rv1666c	cyp139	16	10	6159.3	12277.1	6117.8	1	0.3643	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1667c	-	7	5	3597.8	11907.8	8310	1.73	0.1644	1
Rv1668c	-	11	7	868.7	2805.4	1936.8	1.69	0.1012	1
Rv1669	-	7	5	1147.5	1438.5	290.9	0.33	0.9347	1
Rv1670	-	10	9	5878.4	7666.4	1788	0.38	0.7407	1
Rv1671	-	10	5	684.1	20.7	-663.4	-5.05	0.0468	1
Rv1672c	-	17	9	3872.1	12617.2	8745.2	1.7	0.0554	1
Rv1673c	-	12	7	588	376.4	-211.5	-0.64	0.6039	1
Rv1674c	-	9	6	5017.1	5503.2	486.1	0.13	0.8926	1
Rv1675c	-	10	7	1206.4	4673	3466.6	1.95	0.2812	1
Rv1676	-	7	4	796.8	32.6	-764.3	-4.61	0.0256	1
Rv1677	dsbF	10	2	321.8	815.7	493.8	1.34	0.944	1
Rv1678	-	9	6	569.6	236	-333.6	-1.27	0.5435	1
Rv1679	fadE16	8	5	1494.7	903.5	-591.2	-0.73	0.9777	1
Rv1680	-	11	4	1393.2	52.1	-1341.1	-4.74	0.6562	1
Rv1681	moeX	8	5	506.4	929.7	423.3	0.88	0.7575	1
Rv1682	-	9	5	1630.8	433.7	-1197.2	-1.91	0.3454	1
Rv1683	-	26	6	270.3	10.8	-259.5	-4.64	0.1906	1
Rv1684	-	4	2	0	12.4	12.4	2.63	0.4337	1
Rv1685c	-	6	0	0	0	0	0	1	1
Rv1686c	-	9	4	13.6	1092.3	1078.7	6.33	0.3263	1
Rv1687c	-	9	6	246.1	605.4	359.3	1.3	0.5768	1
Rv1688	mpg	7	7	9140.9	2930.4	-6210.4	-1.64	0.2192	1
Rv1689	tyrS	15	6	15.7	31	15.3	0.98	0.4882	1
Rv1690	lprJ	5	3	453.7	31.1	-422.6	-3.87	0.4118	1
Rv1691	-	5	0	0	0	0	0	1	1
Rv1692	-	7	4	252.7	1504	1251.3	2.57	0.6742	1
Rv1693	-	1	0	0	0	0	0	1	1
Rv1694	tlyA	7	4	2276	3002.7	726.7	0.4	0.6751	1
Rv1695	ppnK	6	1	0	1.2	1.2	-0.69	1	1
Rv1696	recN	15	3	58.9	22.9	-36	-1.36	0.5756	1
Rv1697	-	12	3	12.6	1.2	-11.3	-3.34	0.4568	1
Rv1698	-	12	3	1395.8	408.3	-987.5	-1.77	0.1988	1
Rv1699	pyrG	29	1	15.7	0	-15.7	-2.97	1	1
Rv1700	-	9	4	32.9	38.8	6	0.24	0.8877	1
Rv1701	xerD	10	3	81.7	8.7	-73	-3.24	0.4593	1
Rv1702c	-	17	14	25677.5	36046.2	10368.7	0.49	0.6049	1
Rv1703c	-	11	9	12584.9	19611.5	7026.6	0.64	0.4414	1
Rv1704c	cycA	14	10	6944.4	19032.3	12087.9	1.45	0.9385	1
Rv1705c	PPE22	21	14	9198	10115.2	917.2	0.14	0.8651	1
Rv1706A	-	2	0	0	0	0	0	1	1
Rv1706c	PPE23	14	10	14634.1	11812.6	-2821.6	-0.31	0.8117	1
Rv1707	-	14	12	3456.3	5690.5	2234.3	0.72	0.5702	1
Rv1708	-	14	2	12.6	0	-12.6	-2.65	0.4226	1
Rv1709	-	9	4	426.1	179.6	-246.5	-1.25	0.4379	1
Rv1710	-	12	1	0	7.4	7.4	1.89	1	1
Rv1711	-	7	0	0	0	0	0	1	1
Rv1712	cmk	10	3	31.4	22.3	-9.1	-0.49	1	1
Rv1713	engA	10	3	91.1	8.7	-82.5	-3.39	0.7208	1
Rv1714	-	4	2	245.9	302.6	56.7	0.3	0.8497	1
Rv1715	fadB3	8	2	1132.3	15.4	-1116.9	-6.2	0.9715	1
Rv1716	-	11	5	2829.4	1563	-1266.4	-0.86	0.447	1
Rv1717	-	4	3	346.4	792.7	446.3	1.19	0.562	1
Rv1718	-	4	3	1129.5	161.5	-968	-2.81	0.254	1
Rv1719	-	4	3	153.1	115.8	-37.3	-0.4	0.7779	1
Rv1720c	-	9	6	715.3	304.7	-410.6	-1.23	0.3875	1
Rv1721c	-	2	2	138.9	689.2	550.3	2.31	0.8827	1
Rv1722	-	19	15	46887.8	57090.8	10202.9	0.28	0.7511	1
Rv1723	-	13	12	5485.5	13699.4	8213.9	1.32	0.1273	1
Rv1724c	-	11	10	5961	14876.7	8915.7	1.32	0.1882	1
Rv1725c	-	8	6	1909.3	1472.4	-436.9	-0.37	0.8683	1
Rv1726	-	11	9	8269.5	8930.9	661.5	0.11	0.9044	1
Rv1727	-	3	3	2409.8	4264.8	1855	0.82	0.5728	1
Rv1728c	-	15	8	5958.8	2299.9	-3658.9	-1.37	0.3833	1
Rv1729c	-	21	6	3137.5	2592.9	-544.6	-0.28	0.7866	1
Rv1730c	-	24	7	2169.9	281	-1888.9	-2.95	0.4736	1
Rv1731	gabD2	21	12	5733.1	10209.7	4476.7	0.83	0.5274	1
Rv1732c	-	8	5	755.8	3337.4	2581.6	2.14	0.2797	1
Rv1733c	-	3	3	364.5	21.1	-343.5	-4.11	0.7171	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1734c	-	2	2	7573	9133.6	1560.5	0.27	0.7681	1
Rv1735c	-	5	5	963.6	794.8	-168.8	-0.28	0.8956	1
Rv1736c	narX	30	20	7025.6	6018.4	-1007.2	-0.22	0.7675	1
Rv1737c	narK2	12	6	2100.5	375.1	-1725.4	-2.49	0.03	1
Rv1738	-	1	0	0	0	0	0	1	1
Rv1739c	-	31	15	3473.5	501.7	-2971.8	-2.79	0.0144	1
Rv1740	-	3	3	757.3	4485.6	3728.3	2.57	0.179	1
Rv1741	-	4	4	4866.9	1128.8	-3738	-2.11	0.245	1
Rv1742	-	10	7	2541.7	286.4	-2255.3	-3.15	0.0416	1
Rv1743	pknE	23	15	14514	19401.4	4887.5	0.42	0.6282	1
Rv1744c	-	5	4	5257.3	4740.6	-516.7	-0.15	0.8392	1
Rv1745c	idi	11	7	2804.2	3198.9	394.7	0.19	0.9324	1
Rv1746	pknF	12	9	5898.5	11712.7	5814.2	0.99	0.3534	1
Rv1747	-	25	17	4341.5	4537.8	196.3	0.06	0.9247	1
Rv1748	-	10	5	8138.2	19747.1	11608.9	1.28	0.7011	1
Rv1749c	-	12	10	13742.8	6311.1	-7431.7	-1.12	0.7659	1
Rv1750c	fadD1	32	21	16339.5	17554.4	1214.9	0.1	0.8798	1
Rv1751	-	17	9	3448.5	5602.1	2153.5	0.7	0.6595	1
Rv1752	-	2	1	0	1.2	1.2	-0.69	1	1
Rv1753c	PPE24	54	20	5374.1	1638	-3736.1	-1.71	0.2333	1
Rv1754c	-	29	22	13014.2	13260	245.8	0.03	0.9682	1
Rv1755c	plcD	13	4	868.9	506.4	-362.5	-0.78	0.4649	1
Rv1756c	-	17	15	8179.7	7938.2	-241.5	-0.04	0.9374	1
Rv1757c	-	3	3	1229.7	1472.6	242.9	0.26	0.8483	1
Rv1758	cut1	8	6	6943.5	5585.8	-1357.7	-0.31	0.6933	1
Rv1759c	wag22	18	10	4014.7	3917.6	-97	-0.04	0.9732	1
Rv1760	-	22	15	64157.8	69821	5663.2	0.12	0.8367	1
Rv1761c	-	4	3	5824.6	5343.7	-480.9	-0.12	0.8942	1
Rv1762c	-	8	8	13977.6	14020.5	42.9	0	0.9959	1
Rv1763	-	3	3	1200.3	1527.5	327.3	0.35	0.6847	1
Rv1764	-	19	17	9700.3	9534.1	-166.3	-0.02	0.9616	1
Rv1765A	-	3	2	71.9	0.9	-71	-6.33	0.1465	1
Rv1765c	-	6	6	3230.4	2418.6	-811.8	-0.42	0.598	1
Rv1766	-	2	1	739.2	63.2	-676.1	-3.55	0.3349	1
Rv1767	-	6	4	1401.8	2194.8	793	0.65	0.8558	1
Rv1768	PE_PGRS31	17	13	4576.9	4177.2	-399.8	-0.13	0.9471	1
Rv1769	-	17	9	6960.8	2497.5	-4463.3	-1.48	0.2091	1
Rv1770	-	12	9	21664.5	12845.8	-8818.7	-0.75	0.5517	1
Rv1771	-	13	10	2797	1515.2	-1281.8	-0.88	0.294	1
Rv1772	-	4	1	10.4	250	239.6	4.58	1	1
Rv1773c	-	8	3	1999	390.1	-1609	-2.36	0.2085	1
Rv1774	-	22	10	9762.8	13398.5	3635.7	0.46	0.6027	1
Rv1775	-	9	5	740.7	785.8	45.1	0.09	0.9667	1
Rv1776c	-	8	4	656.2	1104.5	448.3	0.75	0.6601	1
Rv1777	cyp144	22	12	5129.8	9835.5	4705.8	0.94	0.3131	1
Rv1778c	-	5	0	0	0	0	0	1	1
Rv1779c	-	10	4	2267.9	231.3	-2036.6	-3.29	0.1074	1
Rv1780	-	7	7	10575.9	11515.3	939.4	0.12	0.9415	1
Rv1781c	malQ	23	18	17251.5	25993.8	8742.2	0.59	0.5235	1
Rv1782	-	14	1	15.7	7.4	-8.3	-1.08	1	1
Rv1783	-	15	2	100.6	21.1	-79.5	-2.25	1	1
Rv1784	-	35	9	44	27.3	-16.7	-0.69	0.567	1
Rv1785c	cyp143	13	7	1350.2	4438.7	3088.5	1.72	0.5519	1
Rv1786	-	1	1	712	449.1	-262.9	-0.66	0.3351	1
Rv1787	PPE25	12	12	11417.9	14092.2	2674.3	0.3	0.8143	1
Rv1788	PE18	2	2	23605.7	10620.2	-12985.6	-1.15	0.4753	1
Rv1789	PPE26	15	13	6276.3	18644.2	12367.9	1.57	0.0369	1
Rv1790	PPE27	13	13	12062	13812.7	1750.7	0.2	0.8679	1
Rv1791	PE19	5	3	130.6	41	-89.5	-1.67	0.3495	1
Rv1793	esxN	3	3	1976.6	3322.3	1345.7	0.75	0.6182	1
Rv1794	-	14	5	6.3	62.9	56.6	3.32	0.1433	1
Rv1795	-	13	7	79.6	69.4	-10.2	-0.2	0.8741	1
Rv1796	mycP5	22	7	22	79.3	57.3	1.85	0.3123	1
Rv1797	-	12	2	50.3	0	-50.3	-4.65	0.423	1
Rv1798	-	24	5	50.3	12	-38.2	-2.06	0.8716	1
Rv1799	lppT	2	0	0	0	0	0	1	1
Rv1800	PPE28	33	24	37644.2	53649	16004.7	0.51	0.4848	1
Rv1801	PPE29	20	14	8162.7	4028.8	-4133.9	-1.02	0.2195	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1802	PPE30	17	14	14469.8	16377.6	1907.8	0.18	0.8052	1
Rv1803c	PE_PGRS32	26	18	9050	10327.6	1277.6	0.19	0.7622	1
Rv1804c	-	8	6	3852.9	4694.2	841.3	0.28	0.732	1
Rv1805c	-	4	0	0	0	0	0	1	1
Rv1806	PE20	3	1	2	29.4	27.4	3.88	0.66	1
Rv1807	PPE31	16	11	1066.7	1335.9	269.2	0.32	0.7559	1
Rv1808	PPE32	24	20	22469.7	22575.6	105.9	0.01	0.9916	1
Rv1809	PPE33	17	13	6067.6	8430.7	2363.1	0.47	0.6245	1
Rv1810	-	10	7	4107.5	6026.3	1918.7	0.55	0.6719	1
Rv1811	mgtC	11	10	10622.9	6885.3	-3737.6	-0.63	0.3996	1
Rv1812c	-	19	13	7837.9	20565	12727.1	1.39	0.1058	1
Rv1813c	-	8	5	5469	1615.9	-3853.1	-1.76	0.3169	1
Rv1814	erg3	19	16	36279.7	36137.5	-142.2	-0.01	0.9937	1
Rv1815	-	7	3	394	25.5	-368.5	-3.95	0.0529	1
Rv1816	-	12	8	4776.7	3926.7	-850	-0.28	0.8005	1
Rv1817	-	21	17	21265.1	21427.4	162.3	0.01	0.9906	1
Rv1818c	PE_PGRS33	8	4	171.3	2248.1	2076.8	3.71	0.1559	1
Rv1819c	-	22	21	13417.2	17859.7	4442.6	0.41	0.3817	1
Rv1820	ilvG	13	11	12499.8	20340.3	7840.5	0.7	0.3969	1
Rv1821	secA2	28	8	75.4	65.7	-9.7	-0.2	0.854	1
Rv1822	pgsA2	13	4	22	42.1	20.1	0.94	1	1
Rv1823	-	12	5	27.6	19.5	-8.1	-0.5	0.6833	1
Rv1824	-	4	1	3.1	0	-3.1	-0.65	1	1
Rv1825	-	9	2	27	1.2	-25.8	-4.45	1	1
Rv1826	gcvH	7	2	18.9	26	7.2	0.47	0.8316	1
Rv1827	cfp17	6	3	12.6	7.4	-5.1	-0.76	1	1
Rv1828	-	11	3	44	13.6	-30.4	-1.69	0.7321	1
Rv1829	-	9	8	7225.1	5885.2	-1339.9	-0.3	0.7401	1
Rv1830	-	9	3	34.6	20.7	-13.8	-0.74	1	1
Rv1831	-	5	5	6613.8	2239	-4374.9	-1.56	0.203	1
Rv1832	gcvB	40	10	67	75.3	8.3	0.17	0.8742	1
Rv1833c	-	11	7	2647.4	1932.4	-715	-0.45	0.7117	1
Rv1834	-	8	7	2823.1	3114.8	291.7	0.14	0.9145	1
Rv1835c	-	28	24	32291.1	33834	1543	0.07	0.9064	1
Rv1836c	-	26	5	160.3	50.8	-109.5	-1.66	0.5255	1
Rv1837c	glcB	18	7	28.3	27.3	-1	-0.05	0.94	1
Rv1838c	-	8	6	8421.2	5122.4	-3298.8	-0.72	0.5148	1
Rv1839c	-	1	1	290.7	631.5	340.8	1.12	1	1
Rv1840c	PE_PGRS34	13	4	22240.8	20933.6	-1307.3	-0.09	0.9073	1
Rv1841c	-	12	7	9176.5	12566.8	3390.4	0.45	0.8155	1
Rv1842c	-	11	10	4775	11037.2	6262.1	1.21	0.2526	1
Rv1843c	guaB1	15	12	29319.7	31482.3	2162.7	0.1	0.8548	1
Rv1844c	gnd1	12	11	11047.4	18414.7	7367.4	0.74	0.2605	1
Rv1845c	-	11	4	78.6	19.8	-58.7	-1.99	0.6937	1
Rv1846c	-	3	2	719.4	28	-691.5	-4.69	0.03	1
Rv1847	-	5	5	10323	12136.9	1813.9	0.23	0.9004	1
Rv1848	ureA	2	2	405.3	205.8	-199.5	-0.98	0.5132	1
Rv1849	ureB	4	1	91.1	0	-91.1	-5.51	1	1
Rv1850	ureC	9	4	255.6	3979.9	3724.3	3.96	0.8588	1
Rv1851	ureF	2	1	16.7	150.9	134.2	3.17	1	1
Rv1852	ureG	4	1	4377.6	12445.6	8068	1.51	1	1
Rv1853	ureD	3	2	220.6	1431.4	1210.8	2.7	0.7695	1
Rv1854c	ndh	12	1	15.7	5	-10.8	-1.66	1	1
Rv1855c	-	9	8	6477.8	2717.3	-3760.5	-1.25	0.0443	1
Rv1856c	-	4	3	7812	5799.3	-2012.8	-0.43	0.5974	1
Rv1857	modA	3	2	2698.3	2826.7	128.4	0.07	0.8872	1
Rv1858	modB	14	9	31390.2	6750.4	-24639.8	-2.22	0.4334	1
Rv1859	modC	14	9	6935.1	3862.5	-3072.6	-0.84	0.8963	1
Rv1860	apa	13	8	1066.4	507.6	-558.8	-1.07	0.3969	1
Rv1861	-	7	4	984.5	4159.2	3174.7	2.08	0.4147	1
Rv1862	adhA	13	10	10103.6	10915.3	811.7	0.11	0.8926	1
Rv1863c	-	7	5	4225.8	2786.8	-1438.9	-0.6	0.6623	1
Rv1864c	-	8	8	6692	4079.4	-2612.5	-0.71	0.8896	1
Rv1865c	-	10	8	4262.8	7576.4	3313.6	0.83	0.574	1
Rv1866	-	30	16	12403.3	8612.9	-3790.4	-0.53	0.6646	1
Rv1867	-	16	10	2826.4	18301.4	15475	2.69	0.3597	1
Rv1868	-	20	11	10571.5	4409.7	-6161.8	-1.26	0.4272	1
Rv1869c	-	20	14	4031.4	5506	1474.6	0.45	0.5229	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1870c	-	8	6	6336.5	9548.9	3212.4	0.59	0.6667	1
Rv1871c	-	8	6	8817.6	12071.9	3254.3	0.45	0.7756	1
Rv1872c	lldD2	10	5	30984.7	19727.5	-11257.2	-0.65	0.4846	1
Rv1873	-	7	4	2590.7	1885.7	-705	-0.46	0.7309	1
Rv1874	-	10	9	11761	3704.2	-8056.8	-1.67	0.0301	1
Rv1875	-	3	3	760.4	7233.3	6473	3.25	0.063	1
Rv1876	bfrA	7	6	5015.3	6961.8	1946.5	0.47	0.7635	1
Rv1877	-	22	21	22273.5	18328.1	-3945.3	-0.28	0.5365	1
Rv1878	glnA3	20	10	5822.4	3277.3	-2545.1	-0.83	0.4335	1
Rv1879	-	15	11	2567.4	2758.5	191.1	0.1	0.8998	1
Rv1880c	cyp140	13	9	3750.5	2124	-1626.5	-0.82	0.3718	1
Rv1881c	lppE	7	5	21431.7	23133.9	1702.1	0.11	0.8956	1
Rv1882c	-	11	8	14652.6	20415.6	5763	0.48	0.6567	1
Rv1883c	-	6	5	1334.6	844	-490.5	-0.66	0.5498	1
Rv1884c	rpfC	1	1	50.3	0	-50.3	-4.65	1	1
Rv1885c	-	7	4	425.6	5083.5	4658	3.58	0.6425	1
Rv1886c	fbpB	21	21	26924.4	27291.8	367.4	0.02	0.9676	1
Rv1887	-	19	14	16207.3	12325.9	-3881.4	-0.39	0.5722	1
Rv1888A	-	0	0	0	0	0	0	1	1
Rv1888c	-	11	10	5623.7	6488	864.3	0.21	0.8341	1
Rv1889c	-	2	1	0	3.9	3.9	0.97	0.3332	1
Rv1890c	-	6	4	12468.6	9585.5	-2883.1	-0.38	0.7422	1
Rv1891	-	7	7	3128.5	668	-2460.5	-2.23	0.3769	1
Rv1892	-	4	4	8760.4	6943.2	-1817.3	-0.34	0.8374	1
Rv1893	-	0	0	0	0	0	0	1	1
Rv1894c	-	9	6	5031.3	3087.7	-1943.6	-0.7	0.6205	1
Rv1895	-	10	6	2150.4	3363.4	1212.9	0.65	0.5306	1
Rv1896c	-	16	11	2815.5	4549.4	1733.9	0.69	0.5643	1
Rv1897c	-	3	2	57.6	2.1	-55.4	-4.76	0.416	1
Rv1898	-	1	1	13.6	3.6	-10	-1.93	0.6686	1
Rv1899c	lppD	8	7	4215.9	10039.7	5823.8	1.25	0.3305	1
Rv1900c	lipJ	17	12	3955.3	11887.2	7931.9	1.59	0.2513	1
Rv1901	cinA	16	13	22375.6	50179.8	27804.2	1.17	0.0944	1
Rv1902c	nanT	27	18	20643.7	22938.4	2294.7	0.15	0.8424	1
Rv1903	-	5	4	21294.6	10930.7	-10363.8	-0.96	0.445	1
Rv1904	-	8	5	2701.3	4374.3	1673.1	0.7	0.5166	1
Rv1905c	aao	14	12	10596.5	11310	713.5	0.09	0.8724	1
Rv1906c	-	9	4	2702.7	4874.2	2171.5	0.85	0.7784	1
Rv1907c	-	10	7	4341.6	925.3	-3416.3	-2.23	0.1159	1
Rv1908c	katG	27	7	53.4	43.4	-10	-0.3	0.8053	1
Rv1909c	furA	8	4	1078.5	2070.5	992	0.94	0.8046	1
Rv1910c	-	10	8	2188.1	1143.2	-1044.9	-0.94	0.3712	1
Rv1911c	lppC	6	4	439.4	833	393.6	0.92	0.5619	1
Rv1912c	fadB5	11	6	1910.5	1939.3	28.7	0.02	0.9888	1
Rv1913	-	9	4	499.6	156.4	-343.1	-1.67	0.3225	1
Rv1914c	-	4	3	698.5	904.8	206.3	0.37	0.905	1
Rv1915	aceAa	18	10	14672.9	18753.1	4080.2	0.35	0.8246	1
Rv1916	aceAb	14	11	7773.4	5063.6	-2709.8	-0.62	0.5541	1
Rv1917c	PPE34	107	72	43260.9	33685.1	-9575.9	-0.36	0.3548	1
Rv1918c	PPE35	63	35	12286.3	12440.3	154	0.02	0.9766	1
Rv1919c	-	7	5	6701	7115.5	414.5	0.09	0.9568	1
Rv1920	-	8	7	2599.7	750.3	-1849.4	-1.79	0.4743	1
Rv1921c	lppF	20	15	15342.5	12931.8	-2410.7	-0.25	0.7303	1
Rv1922	-	18	12	18425.9	13449.6	-4976.4	-0.45	0.6224	1
Rv1923	lipD	23	20	16530.5	16741.3	210.8	0.02	0.9762	1
Rv1924c	-	8	7	8325.3	5010.3	-3315	-0.73	0.67	1
Rv1925	fadD31	30	16	2347	6122.3	3775.4	1.38	0.2549	1
Rv1926c	mpt63	6	4	863.3	364.5	-498.7	-1.24	0.4022	1
Rv1927	-	15	12	7631.2	11464.6	3833.4	0.59	0.778	1
Rv1928c	-	14	10	9982	12214.2	2232.2	0.29	0.6695	1
Rv1929c	-	8	6	359.8	1197.9	838	1.74	0.4629	1
Rv1930c	-	2	1	302.7	2.5	-300.2	-6.93	0.6682	1
Rv1931c	-	2	2	59.7	11.2	-48.6	-2.42	0.7113	1
Rv1932	tpx	5	2	110.7	62.9	-47.8	-0.82	0.6609	1
Rv1933c	fadE18	7	4	1436	1070	-366	-0.42	0.7465	1
Rv1934c	fadE17	10	7	2271.4	752.8	-1518.6	-1.59	0.2259	1
Rv1935c	echA13	8	5	4277.2	2020.4	-2256.8	-1.08	0.4994	1
Rv1936	-	12	9	6516.7	6379.5	-137.2	-0.03	0.9729	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv1937	-	35	19	12074.1	2995.3	-9078.8	-2.01	0.0474	1
Rv1938	ephB	14	7	2075.2	6744.9	4669.7	1.7	0.4353	1
Rv1939	-	4	2	260	1250.1	990.1	2.27	1	1
Rv1940	ribA1	6	3	490.3	13.1	-477.1	-5.22	0.8061	1
Rv1941	-	3	2	2230.7	2509.9	279.2	0.17	1	1
Rv1942c	-	2	0	0	0	0	0	1	1
Rv1943c	-	9	4	323.3	221	-102.2	-0.55	0.6448	1
Rv1944c	-	5	4	57.4	5.5	-51.9	-3.38	0.0451	1
Rv1945	-	15	12	2566.2	3266.8	700.6	0.35	0.5921	1
Rv1946c	lppG	6	5	1525.5	162.1	-1363.4	-3.23	0.12	1
Rv1947	-	3	2	31.6	251.6	220.1	2.99	1	1
Rv1948c	-	13	11	2128.3	3047.6	919.2	0.52	0.6948	1
Rv1949c	-	16	13	4758.9	8055.8	3297	0.76	0.2937	1
Rv1950c	-	4	4	385.3	2194.4	1809.2	2.51	0.1385	1
Rv1951c	-	2	2	749.5	1081.7	332.1	0.53	0.6558	1
Rv1952	-	2	1	68	1.8	-66.2	-5.25	0.3424	1
Rv1953	-	3	2	342.4	66.9	-275.5	-2.36	0.3469	1
Rv1954c	-	6	6	8871	9637.9	766.9	0.12	0.9083	1
Rv1955	-	8	4	2304.9	5641.8	3337	1.29	0.7236	1
Rv1956	-	8	6	1473.3	13324.9	11851.6	3.18	0.33	1
Rv1957	-	12	4	72.3	3.7	-68.6	-4.28	0.4707	1
Rv1958c	-	7	3	410.5	951.3	540.7	1.21	0.3692	1
Rv1959c	-	5	4	1120.8	2472.5	1351.7	1.14	0.322	1
Rv1960c	-	2	1	7	595.1	588.1	6.41	1	1
Rv1961	-	7	7	2063	3592	1529	0.8	0.6814	1
Rv1962c	-	11	7	1028.3	1964.8	936.5	0.93	0.6804	1
Rv1963c	mce3R	13	5	213.7	499.7	286	1.23	0.9609	1
Rv1964	yrbE3A	4	3	9837.1	5297.5	-4539.6	-0.89	0.2556	1
Rv1965	yrbE3B	10	8	6732.5	4732.7	-1999.8	-0.51	0.7302	1
Rv1966	mce3A	14	10	5350.7	5747.2	396.4	0.1	0.9082	1
Rv1967	mce3B	7	5	3748.4	2584.7	-1163.7	-0.54	0.4928	1
Rv1968	mce3C	9	4	6566.4	4740.9	-1825.5	-0.47	0.7135	1
Rv1969	mce3D	7	6	293.1	167.1	-126	-0.81	0.4858	1
Rv1970	lprM	4	1	749.9	19.4	-730.4	-5.27	0.3406	1
Rv1971	mce3F	13	11	7520.3	6810.1	-710.2	-0.14	0.8734	1
Rv1972	-	4	3	6352.9	5984.9	-368.1	-0.09	0.906	1
Rv1973	-	3	3	2316.9	5041.4	2724.5	1.12	0.3758	1
Rv1974	-	8	8	5699.9	2037.9	-3662	-1.48	0.5368	1
Rv1975	-	9	8	8888	12024	3136	0.44	0.6547	1
Rv1976c	-	2	1	462.3	4343.1	3880.8	3.23	0.3343	1
Rv1977	-	9	8	3702	2634.2	-1067.8	-0.49	0.6417	1
Rv1978	-	12	11	7043.8	5583.2	-1460.6	-0.34	0.634	1
Rv1979c	-	24	19	10267.5	5551.1	-4716.5	-0.89	0.1999	1
Rv1980c	mpt64	17	13	14859.3	13246	-1613.2	-0.17	0.8434	1
Rv1981c	nrdF	21	20	26337	22747.5	-3589.5	-0.21	0.7415	1
Rv1982c	-	4	3	4876.9	1482.3	-3394.6	-1.72	0.2425	1
Rv1983	PE_PGRS35	20	17	17774.5	8447.8	-9326.8	-1.07	0.1301	1
Rv1984c	cfp21	13	11	16290.3	22979.8	6689.4	0.5	0.679	1
Rv1985c	-	12	9	3055	3169.4	114.3	0.05	0.95	1
Rv1986	-	8	5	12866.2	4770.4	-8095.8	-1.43	0.3627	1
Rv1987	-	5	3	3156.1	2778.1	-378	-0.18	0.9216	1
Rv1988	-	6	6	917.4	1687	769.6	0.88	0.5458	1
Rv1989c	-	6	6	6662	4286.1	-2375.9	-0.64	0.5721	1
Rv1990A	-	3	2	3600.1	12539.7	8939.6	1.8	0.7984	1
Rv1990c	-	4	1	0	16.1	16.1	3.01	1	1
Rv1991c	-	3	3	3616.4	530.2	-3086.2	-2.77	0.2003	1
Rv1992c	ctpG	25	19	21597.4	24981.8	3384.4	0.21	0.7507	1
Rv1993c	-	2	1	1038.1	1.2	-1036.8	-9.71	0.6648	1
Rv1994c	-	6	3	300.6	29.2	-271.3	-3.36	0.3804	1
Rv1995	-	6	5	11506.7	8840.3	-2666.4	-0.38	0.6774	1
Rv1996	-	12	9	14048.6	13455	-593.6	-0.06	0.9416	1
Rv1997	ctpF	20	14	6861.3	2534.2	-4327.1	-1.44	0.1925	1
Rv1998c	-	15	6	599.1	919.8	320.7	0.62	0.7348	1
Rv1999c	-	18	12	3232.6	3182.8	-49.7	-0.02	0.988	1
Rv2000	-	28	21	20544.9	13760.3	-6784.5	-0.58	0.3066	1
Rv2001	-	10	6	2702.4	1642	-1060.4	-0.72	0.8696	1
Rv2002	fabG3	6	4	349	1464.3	1115.3	2.07	0.8707	1
Rv2003c	-	11	5	2540.7	816.5	-1724.1	-1.64	0.5132	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2004c	-	20	9	1460.8	1529.9	69.1	0.07	0.9526	1
Rv2005c	-	8	2	2273.2	919.3	-1353.9	-1.31	0.3599	1
Rv2006	otsB1	66	28	4230.1	5286.9	1056.8	0.32	0.6827	1
Rv2007c	fdxA	6	2	97.4	19.8	-77.6	-2.3	0.4219	1
Rv2008c	-	19	8	625.7	1629.1	1003.5	1.38	0.7685	1
Rv2009	-	1	1	193.7	1333.4	1139.7	2.78	0.3436	1
Rv2010	-	5	4	18907.7	9130.1	-9777.6	-1.05	0.3767	1
Rv2011c	-	3	1	0	2.5	2.5	0.31	1	1
Rv2012	-	6	3	713.4	2290.1	1576.7	1.68	0.6509	1
Rv2013	-	1	0	0	0	0	0	1	1
Rv2014	-	2	2	937.7	1655.3	717.6	0.82	0.9733	1
Rv2015c	-	8	8	4772.4	3546.7	-1225.7	-0.43	0.6238	1
Rv2016	-	6	5	1227.7	2000.8	773.1	0.7	0.4717	1
Rv2017	-	9	1	0	18.6	18.6	3.22	1	1
Rv2018	-	12	6	480.8	551	70.2	0.2	0.9758	1
Rv2019	-	5	4	7587	14922.9	7335.9	0.98	0.5975	1
Rv2020c	-	3	2	477	4049.3	3572.3	3.09	0.3624	1
Rv2021c	-	3	1	1415.4	1069.9	-345.5	-0.4	1	1
Rv2022c	-	10	7	3866.6	1911.7	-1954.8	-1.02	0.2783	1
Rv2023c	-	2	2	305.7	106	-199.7	-1.53	0.5777	1
Rv2024c	-	8	7	4193.2	7207.6	3014.4	0.78	0.3269	1
Rv2025c	-	9	7	1737.6	3165.9	1428.3	0.87	0.7946	1
Rv2026c	-	7	1	3.1	0	-3.1	-0.65	1	1
Rv2027c	-	9	8	847.1	4407.8	3560.7	2.38	0.6006	1
Rv2028c	-	9	3	1016.2	305.4	-710.8	-1.73	0.3458	1
Rv2029c	pfkB	7	5	130.7	1106.2	975.5	3.08	0.2528	1
Rv2030c	-	28	16	11473.7	14399.1	2925.4	0.33	0.6363	1
Rv2031c	hspX	8	5	779.1	522.1	-257	-0.58	0.5217	1
Rv2032	acg	17	11	1876.3	1376.7	-499.6	-0.45	0.7065	1
Rv2033c	-	7	6	1734.7	713.8	-1020.9	-1.28	0.2312	1
Rv2034	-	1	1	3.1	0	-3.1	-0.65	1	1
Rv2035	-	7	4	473.2	2308.3	1835	2.29	0.9674	1
Rv2036	-	6	4	520.6	1276.5	755.9	1.29	0.9894	1
Rv2037c	-	13	5	2411.6	1841.6	-569.9	-0.39	0.6561	1
Rv2038c	-	14	6	227	2840.7	2613.7	3.65	0.9846	1
Rv2039c	-	12	1	5	0.9	-4.1	-2.49	1	1
Rv2040c	-	14	4	165	14.5	-150.5	-3.51	0.3873	1
Rv2041c	-	18	9	135.4	638.4	503	2.24	0.2317	1
Rv2042c	-	14	5	1647.6	112.9	-1534.6	-3.87	0.1023	1
Rv2043c	pncA	9	6	726.8	3386.8	2659.9	2.22	0.8681	1
Rv2044c	-	6	5	897.9	654.9	-243.1	-0.46	0.7308	1
Rv2045c	lipT	23	12	6838.7	1843.5	-4995.2	-1.89	0.0618	1
Rv2046	lppI	9	7	3405.1	4708.5	1303.4	0.47	0.686	1
Rv2047c	-	23	10	875.5	663.5	-212.1	-0.4	0.6751	1
Rv2048c	pks12	108	35	11275.5	9939.8	-1335.7	-0.18	0.8043	1
Rv2049c	-	1	1	2027	49.1	-1977.9	-5.37	1	1
Rv2050	-	3	1	0	1.2	1.2	-0.69	1	1
Rv2051c	ppm1	28	7	34	61.9	27.9	0.87	0.4585	1
Rv2052c	-	17	14	14155.9	16711.2	2555.3	0.24	0.8054	1
Rv2053c	fxsA	3	2	3793.9	3761.1	-32.8	-0.01	0.979	1
Rv2054	-	14	11	20906.9	15355.7	-5551.2	-0.45	0.6209	1
Rv2055c	rpsR	3	1	96.3	299.8	203.5	1.64	1	1
Rv2056c	rpsN	2	1	155.3	118.1	-37.1	-0.39	0.6666	1
Rv2057c	rpmG	4	4	2548.6	4158.6	1610.1	0.71	0.7896	1
Rv2058c	rpmB	5	4	2760.7	4775.3	2014.6	0.79	0.6173	1
Rv2059	-	16	13	13622	6959.9	-6662.1	-0.97	0.1877	1
Rv2060	-	2	2	4348.3	942.3	-3406	-2.21	0.3473	1
Rv2061c	-	4	3	4869.5	405.2	-4464.3	-3.59	0.0242	1
Rv2062c	cobN	39	15	7481	3702.2	-3778.7	-1.01	0.3925	1
Rv2063	-	1	0	0	0	0	0	1	1
Rv2064	cobG	7	1	25.1	514.4	489.3	4.35	1	1
Rv2065	cobH	4	3	2460	1106.8	-1353.3	-1.15	0.6952	1
Rv2066	cobI	17	12	13041.6	6110.8	-6930.8	-1.09	0.0933	1
Rv2067c	-	26	18	5677.1	6434.9	757.7	0.18	0.8294	1
Rv2068c	blaC	11	11	5605.8	4877.3	-728.4	-0.2	0.7954	1
Rv2069	sigC	8	5	164.1	267.5	103.3	0.7	0.5275	1
Rv2070c	cobK	14	8	13177.5	9954.2	-3223.3	-0.4	0.6861	1
Rv2071c	cobM	11	3	446.7	1929.7	1483	2.11	0.5121	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2072c	cobL	9	8	2046.1	6470.1	4424	1.66	0.2528	1
Rv2073c	-	8	7	3362.5	9941.6	6579	1.56	0.9328	1
Rv2074	-	5	4	5800.9	560.4	-5240.5	-3.37	0.2562	1
Rv2075c	-	18	14	8625.2	11547.6	2922.4	0.42	0.542	1
Rv2076c	-	5	5	1648.2	6610.8	4962.6	2	0.0439	1
Rv2077A	-	5	3	302.9	217.5	-85.3	-0.48	0.8202	1
Rv2077c	-	17	13	23558.9	25803.8	2244.9	0.13	0.8613	1
Rv2078	-	2	2	725.4	653.5	-71.9	-0.15	1	1
Rv2079	-	26	6	12478.5	8053.2	-4425.3	-0.63	0.6416	1
Rv2080	lppJ	8	8	8495.9	9784.3	1288.4	0.2	0.8215	1
Rv2081c	-	5	5	4002.4	5887.9	1885.6	0.56	0.4626	1
Rv2082	-	24	20	13667.6	24212.9	10545.3	0.83	0.6835	1
Rv2083	-	3	3	688.7	19172.5	18483.8	4.8	0.4031	1
Rv2084	-	20	16	4906.7	3297.8	-1608.9	-0.57	0.4671	1
Rv2085	-	2	0	0	0	0	0	1	1
Rv2086	-	8	4	3407.4	511.2	-2896.2	-2.74	0.2272	1
Rv2087	-	3	1	655.6	152.5	-503.1	-2.1	0.67	1
Rv2088	pknJ	19	8	3547.4	7.5	-3540	-8.89	0.0008	0.4489
Rv2089c	pepE	16	4	937.7	1044.5	106.8	0.16	0.9879	1
Rv2090	-	12	9	1355.2	3704.6	2349.4	1.45	0.3352	1
Rv2091c	-	16	13	3576.1	2340.5	-1235.6	-0.61	0.5919	1
Rv2092c	helY	31	21	10782.1	19600.1	8818	0.86	0.2535	1
Rv2093c	tatC	9	2	31.4	2.5	-28.9	-3.66	0.4302	1
Rv2094c	tatA	2	0	0	0	0	0	1	1
Rv2095c	-	12	10	1363.5	2429.3	1065.8	0.83	0.5115	1
Rv2096c	-	11	5	238.8	267.4	28.6	0.16	0.9543	1
Rv2097c	-	16	2	3	29.3	26.3	3.29	0.2521	1
Rv2100	-	13	9	2694.7	2986.3	291.6	0.15	0.8852	1
Rv2101	helZ	24	16	25646.2	26905.4	1259.2	0.07	0.9158	1
Rv2102	-	10	8	5079.9	2462.2	-2617.7	-1.04	0.3227	1
Rv2103c	-	4	4	5033.4	13561.2	8527.8	1.43	0.6251	1
Rv2104c	-	0	0	0	0	0	0	1	1
Rv2105	-	3	3	1265	1561.9	297	0.3	0.7545	1
Rv2106	-	17	15	6975.6	6358.2	-617.4	-0.13	0.8046	1
Rv2107	PE22	8	7	1259.2	925.1	-334.1	-0.44	0.7758	1
Rv2108	PPE36	16	16	19252.1	14939.9	-4312.2	-0.37	0.5691	1
Rv2109c	prcA	15	3	7.3	8.7	1.4	0.25	0.7314	1
Rv2110c	prcB	14	0	0	0	0	0	1	1
Rv2111c	-	1	1	25.1	1.2	-23.9	-4.34	1	1
Rv2112c	-	23	5	72.3	43.4	-28.9	-0.74	0.4927	1
Rv2113	-	7	7	7737	9551	1813.9	0.3	0.6765	1
Rv2114	-	8	7	7864.2	8049.1	184.9	0.03	0.9674	1
Rv2115c	-	17	7	102.4	68.1	-34.3	-0.59	0.5969	1
Rv2116	lppK	2	1	106.6	481.5	374.9	2.18	1	1
Rv2117	-	2	2	228.1	2709.4	2481.2	3.57	0.399	1
Rv2118c	-	10	9	7855.5	7998.3	142.8	0.03	0.9805	1
Rv2119	-	17	12	7766.5	4416.1	-3350.4	-0.81	0.4679	1
Rv2120c	-	6	2	1332	4407.3	3075.3	1.73	0.969	1
Rv2121c	hisG	6	0	0	0	0	0	1	1
Rv2122c	hisE	2	0	0	0	0	0	1	1
Rv2123	PPE37	20	11	3938.5	2674.8	-1263.7	-0.56	0.6596	1
Rv2124c	metH	31	14	5842.9	6147.4	304.5	0.07	0.9878	1
Rv2125	-	8	5	3523.5	5448.7	1925.2	0.63	0.7365	1
Rv2126c	PE_PGRS37	3	2	199.8	1611.4	1411.6	3.01	1	1
Rv2127	ansP1	18	15	12401.6	7780.6	-4621	-0.67	0.5169	1
Rv2128	-	6	5	2036.1	3576.6	1540.5	0.81	0.5049	1
Rv2129c	-	10	6	4497.6	8954.6	4456.9	0.99	0.6069	1
Rv2130c	cysS	16	3	9.4	2.5	-6.9	-1.93	1	1
Rv2131c	cysQ	8	7	187.3	801.8	614.5	2.1	0.4766	1
Rv2132	-	2	2	5216.9	9731.2	4514.3	0.9	0.5081	1
Rv2133c	-	8	7	1477.1	2166	689	0.55	0.8783	1
Rv2134c	-	5	3	218.1	2100.3	1882.2	3.27	0.4493	1
Rv2135c	-	4	0	0	0	0	0	1	1
Rv2136c	uppP	11	6	12207.5	12617.8	410.3	0.05	0.9758	1
Rv2137c	-	6	3	3340.8	1635.4	-1705.4	-1.03	0.4625	1
Rv2138	lppL	13	2	3.1	8.7	5.5	1.47	1	1
Rv2139	pyrD	8	3	40.9	0	-40.9	-4.35	0.1789	1
Rv2140c	TB18.6	8	3	123.7	2.7	-121	-5.53	0.0633	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2141c	-	14	11	3253.5	2937.6	-315.9	-0.15	0.8414	1
Rv2142c	-	10	8	14931.5	8688.6	-6242.9	-0.78	0.3771	1
Rv2143	-	11	9	5294.3	16956.8	11662.5	1.68	0.1285	1
Rv2144c	-	4	4	840.6	15	-825.6	-5.81	0.0932	1
Rv2145c	wag31	7	2	31.4	17.4	-14.1	-0.86	0.708	1
Rv2146c	-	1	1	278	8	-270	-5.11	0.3336	1
Rv2147c	-	9	3	25.1	0	-25.1	-3.65	0.0608	1
Rv2148c	-	3	3	617.8	6728	6110.2	3.44	0.1781	1
Rv2149c	yfiH	5	4	2727	1238.8	-1488.2	-1.14	0.2995	1
Rv2150c	ftsZ	6	0	0	0	0	0	1	1
Rv2151c	ftsQ	4	0	0	0	0	0	1	1
Rv2152c	murC	13	2	3.1	22.3	19.2	2.83	1	1
Rv2153c	murG	12	5	25.1	5	-20.2	-2.34	0.2967	1
Rv2154c	ftsW	13	3	6996.6	4048.5	-2948.1	-0.79	0.6106	1
Rv2155c	murD	14	2	0	18.6	18.6	3.22	0.4249	1
Rv2156c	mraY	5	0	0	0	0	0	1	1
Rv2157c	murF	7	0	0	0	0	0	1	1
Rv2158c	murE	10	1	28.3	0	-28.3	-3.82	1	1
Rv2159c	-	4	4	1273.4	14508.9	13235.6	3.51	0.0899	1
Rv2160A	-	3	2	967.2	4.8	-962.4	-7.65	0.0272	1
Rv2160c	-	2	1	177.1	0	-177.1	-6.47	0.337	1
Rv2161c	-	6	5	11465	11407.5	-57.5	-0.01	0.993	1
Rv2162c	PE_PGRS38	10	7	366.6	698.7	332.2	0.93	0.4754	1
Rv2163c	pbpB	28	7	3.1	66.9	63.8	4.41	0.0111	1
Rv2164c	-	9	3	22	11.2	-10.8	-0.98	1	1
Rv2165c	mraW	14	1	0	21.1	21.1	3.4	1	1
Rv2166c	-	7	0	0	0	0	0	1	1
Rv2167c	-	21	19	10988.7	10315.1	-673.7	-0.09	0.8475	1
Rv2168c	-	3	3	1267.8	1389.7	121.8	0.13	0.9121	1
Rv2169c	-	4	1	22	0	-22	-3.46	1	1
Rv2170	-	10	2	64	10.7	-53.3	-2.58	0.262	1
Rv2171	lppM	8	3	81.7	0.9	-80.8	-6.52	0.453	1
Rv2172c	-	12	5	66	6.2	-59.8	-3.41	0.0754	1
Rv2173	idsA2	15	7	10708.1	7026.3	-3681.9	-0.61	0.6453	1
Rv2174	-	18	2	3.1	39.7	36.5	3.66	0.712	1
Rv2175c	-	4	3	1110.7	3652.1	2541.4	1.72	0.2804	1
Rv2176	pknL	20	11	5069.7	8777	3707.3	0.79	0.4765	1
Rv2177c	-	5	4	799.1	969.4	170.3	0.28	0.9425	1
Rv2178c	aroG	15	2	9.4	1.2	-8.2	-2.93	1	1
Rv2179c	-	2	0	0	0	0	0	1	1
Rv2180c	-	8	7	2157.6	2868.5	710.9	0.41	0.6984	1
Rv2181	-	16	13	45556	29446.8	-16109.1	-0.63	0.3574	1
Rv2182c	-	13	3	44	22.3	-21.7	-0.98	0.7287	1
Rv2183c	-	4	4	3261.9	1472.5	-1789.4	-1.15	0.7125	1
Rv2184c	-	13	11	4936.3	9934.6	4998.3	1.01	0.4009	1
Rv2185c	TB16.3	11	7	4072.1	2399.6	-1672.5	-0.76	0.5151	1
Rv2186c	-	7	1	3.1	1.2	-1.9	-1.34	1	1
Rv2187	fadD15	29	21	7393.3	12932.8	5539.5	0.81	0.2279	1
Rv2188c	-	13	1	3.1	0	-3.1	-0.65	1	1
Rv2189c	-	10	3	3467.9	5029.7	1561.8	0.54	0.9432	1
Rv2190c	-	15	3	12.6	3.7	-8.9	-1.76	0.452	1
Rv2191	-	24	15	12688.1	27056.2	14368.1	1.09	0.2503	1
Rv2192c	trpD	7	0	0	0	0	0	1	1
Rv2193	ctaE	11	0	0	0	0	0	1	1
Rv2194	qcrC	8	3	22	7.4	-14.6	-1.56	1	1
Rv2195	qcrA	17	3	39.7	48.7	9	0.3	0.7439	1
Rv2196	qcrB	25	10	3.1	94.2	91.1	4.91	0.0006	0.4489
Rv2197c	-	9	7	1789.6	868.4	-921.3	-1.04	0.3051	1
Rv2198c	mmpS3	12	3	22	0	-22	-3.46	0.1841	1
Rv2199c	-	6	3	261.6	1111.7	850.2	2.09	0.3462	1
Rv2200c	ctaC	17	6	37.7	23.6	-14.2	-0.68	0.6887	1
Rv2201	asnB	22	3	0	16.1	16.1	3.01	0.1161	1
Rv2202c	cbhK	13	3	15.7	13.6	-2.1	-0.2	1	1
Rv2203	-	12	8	7179.8	2819.8	-4360	-1.35	0.0849	1
Rv2204c	-	4	0	0	0	0	0	1	1
Rv2205c	-	8	6	5941.5	7880.4	1938.9	0.41	0.5779	1
Rv2206	-	6	3	1627.5	740.8	-886.7	-1.14	0.2792	1
Rv2207	cobT	8	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2208	cobS	8	5	915.4	1815.5	900.2	0.99	0.6946	1
Rv2209	-	18	12	5283.7	14800.1	9516.5	1.49	0.0722	1
Rv2210c	ilvE	15	1	0	3.7	3.7	0.89	1	1
Rv2211c	gcvT	15	1	9.4	0	-9.4	-2.24	1	1
Rv2212	-	8	5	18902.2	7364.2	-11538	-1.36	0.2588	1
Rv2213	pepB	11	7	1348.1	452	-896.1	-1.58	0.2869	1
Rv2214c	ephD	23	14	12058.1	11176.2	-881.9	-0.11	0.9207	1
Rv2215	dlaT	10	2	0	29.7	29.7	3.89	0.4231	1
Rv2216	-	8	6	1382.7	659	-723.7	-1.07	0.3871	1
Rv2217	lipB	7	2	12.6	8.7	-3.9	-0.53	1	1
Rv2218	lipA	8	3	0	55.8	55.8	4.8	0.1812	1
Rv2219	-	6	2	25.1	2.5	-22.7	-3.34	1	1
Rv2219A	-	1	0	0	0	0	0	1	1
Rv2220	glnA1	21	11	40.9	34.7	-6.1	-0.24	0.8671	1
Rv2221c	glnE	31	8	78.6	44.6	-33.9	-0.82	0.502	1
Rv2222c	glnA2	14	7	283.7	30.8	-252.9	-3.2	0.0469	1
Rv2223c	-	26	19	26338	43510.6	17172.6	0.72	0.3619	1
Rv2224c	-	21	5	7.3	104.9	97.6	3.85	0.2475	1
Rv2225	panB	7	7	21401.6	11818.3	-9583.3	-0.86	0.3554	1
Rv2226	-	17	10	9433.4	3374.5	-6058.9	-1.48	0.5134	1
Rv2227	-	15	6	268.1	349.3	81.2	0.38	0.8507	1
Rv2228c	-	12	2	15.7	26	10.3	0.73	1	1
Rv2229c	-	2	0	0	0	0	0	1	1
Rv2230c	-	12	5	1368	56.7	-1311.4	-4.59	0.2776	1
Rv2231c	cobC	11	4	28.3	50.5	22.2	0.84	0.9144	1
Rv2232	-	8	5	1917	2122.8	205.9	0.15	0.9381	1
Rv2234	ptpA	7	5	446.2	440	-6.2	-0.02	0.9726	1
Rv2235	-	12	2	44	7.4	-36.6	-2.56	1	1
Rv2236c	cobD	8	3	91.1	65.3	-25.8	-0.48	1	1
Rv2237	-	12	9	5426.3	4694.3	-732	-0.21	0.8312	1
Rv2238c	ahpE	3	1	0	0.9	0.9	-1.16	1	1
Rv2239c	-	3	0	0	0	0	0	1	1
Rv2240c	-	6	5	5608.4	6262.2	653.8	0.16	0.8726	1
Rv2241	aceE	48	13	135.1	97.9	-37.2	-0.46	0.6273	1
Rv2242	-	10	1	0	2.5	2.5	0.31	1	1
Rv2243	fabD	3	0	0	0	0	0	1	1
Rv2244	acpP	6	0	0	0	0	0	1	1
Rv2245	kasA	9	1	12.6	1.2	-11.3	-3.34	1	1
Rv2246	kasB	11	4	9.4	2.5	-6.9	-1.93	0.4714	1
Rv2247	accD6	11	4	22	1.2	-20.8	-4.15	0.1915	1
Rv2248	-	11	7	1042.4	270	-772.4	-1.95	0.0972	1
Rv2249c	glpD1	14	4	586.7	2520.1	1933.4	2.1	0.2554	1
Rv2250A	-	2	0	0	0	0	0	1	1
Rv2250c	-	6	4	20836	10288.2	-10547.8	-1.02	0.2455	1
Rv2251	-	6	2	121.4	224.3	102.8	0.89	0.9699	1
Rv2252	-	14	3	272.1	164.5	-107.6	-0.73	0.6109	1
Rv2253	-	8	5	673.3	799.3	126	0.25	0.8466	1
Rv2254c	-	5	3	1788.4	194.7	-1593.8	-3.2	0.4905	1
Rv2255c	-	1	1	9.4	0	-9.4	-2.24	1	1
Rv2256c	-	5	1	0	9.9	9.9	2.31	1	1
Rv2257c	-	5	2	77	2.7	-74.3	-4.85	0.1458	1
Rv2258c	-	11	9	1133.3	3526.5	2393.2	1.64	0.3485	1
Rv2259	adhE2	11	1	0	2.5	2.5	0.31	1	1
Rv2260	-	3	3	75.4	439.4	363.9	2.54	0.4505	1
Rv2261c	-	3	2	1029.7	2185.9	1156.2	1.09	1	1
Rv2262c	-	11	9	7394.6	2454.5	-4940.1	-1.59	0.0832	1
Rv2263	-	8	7	4725.3	2097.1	-2628.2	-1.17	0.2323	1
Rv2264c	-	19	10	3858.3	288.6	-3569.7	-3.74	0.0698	1
Rv2265	-	11	8	3855.5	7590.5	3735	0.98	0.6041	1
Rv2266	cyp124	13	11	3021	1619.5	-1401.5	-0.9	0.5397	1
Rv2267c	-	31	23	9158.9	6387.3	-2771.6	-0.52	0.4581	1
Rv2268c	cyp128	22	8	1399.2	161.1	-1238.1	-3.12	0.0491	1
Rv2269c	-	9	6	1793.8	625.9	-1167.8	-1.52	0.3567	1
Rv2270	lppN	9	7	2408.7	3463.5	1054.8	0.52	0.7378	1
Rv2271	-	3	3	4623.8	5330.9	707.1	0.21	0.9248	1
Rv2272	-	3	0	0	0	0	0	1	1
Rv2273	-	4	3	351.7	3723.5	3371.8	3.4	0.7141	1
Rv2274c	-	6	3	503.8	701.7	197.9	0.48	0.7313	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2275	-	13	5	7.3	250.6	243.3	5.1	0.2602	1
Rv2276	cyp121	16	6	4954	178.6	-4775.4	-4.79	0.015	1
Rv2277c	-	9	5	362.4	111.5	-250.9	-1.7	0.4308	1
Rv2278	-	3	3	1320	1541.7	221.7	0.22	0.8572	1
Rv2279	-	17	15	7182.6	6376.3	-806.3	-0.17	0.745	1
Rv2280	-	15	11	969.5	627.8	-341.7	-0.63	0.5314	1
Rv2281	pitB	20	13	15608	1623.2	-13984.8	-3.27	0.1262	1
Rv2282c	-	11	3	66	113.1	47.1	0.78	0.9276	1
Rv2283	-	1	1	6.3	0	-6.3	-1.65	1	1
Rv2284	lipM	21	13	1628.3	1285.9	-342.4	-0.34	0.814	1
Rv2285	-	17	12	4998.1	4575.7	-422.4	-0.13	0.8842	1
Rv2286c	-	7	6	4866.4	2584.3	-2282.1	-0.91	0.3368	1
Rv2287	yjcE	14	8	7380.9	3651.5	-3729.5	-1.02	0.2759	1
Rv2288	-	4	3	713.8	28.6	-685.3	-4.64	0.11	1
Rv2289	cdh	19	14	7244.4	7197.7	-46.6	-0.01	0.9885	1
Rv2290	lppO	10	6	1691.2	3670.2	1979	1.12	0.2019	1
Rv2291	sseB	15	10	11073	8840.2	-2232.8	-0.32	0.7674	1
Rv2292c	-	2	1	36.6	181.7	145.1	2.31	0.6694	1
Rv2293c	-	11	11	3779.8	4024.2	244.4	0.09	0.9136	1
Rv2294	-	17	16	14226.5	11524.7	-2701.8	-0.3	0.6522	1
Rv2295	-	8	5	1871.2	2603.1	731.9	0.48	0.7821	1
Rv2296	-	13	10	13550.9	16865.1	3314.2	0.32	0.6823	1
Rv2297	-	7	5	980.5	4461.7	3481.2	2.19	0.5726	1
Rv2298	-	15	13	6461.2	9590.5	3129.4	0.57	0.5742	1
Rv2299c	htpG	22	15	5995.8	12839.3	6843.5	1.1	0.1114	1
Rv2300c	-	11	8	5958.7	6435.6	476.8	0.11	0.8912	1
Rv2301	cut2	8	6	1022.4	2060.9	1038.5	1.01	0.9407	1
Rv2302	-	4	4	2660.9	2586.9	-74	-0.04	0.9698	1
Rv2303c	-	13	8	4921.9	7607.5	2685.6	0.63	0.5231	1
Rv2304c	-	0	0	0	0	0	0	1	1
Rv2305	-	8	7	4740.4	4861.4	121	0.04	0.9616	1
Rv2306A	-	6	5	17139.5	32159.6	15020.1	0.91	0.5654	1
Rv2306B	-	5	4	4264.4	17.2	-4247.2	-7.95	0.349	1
Rv2307A	-	2	2	2822.5	4517.7	1695.2	0.68	0.5028	1
Rv2307B	-	20	7	3856.2	290.3	-3565.9	-3.73	0.0312	1
Rv2307c	-	15	11	7162.4	1522.2	-5640.2	-2.23	0.0106	1
Rv2307D	-	5	4	603	214.6	-388.4	-1.49	0.228	1
Rv2308	-	13	11	19308.5	25498.4	6189.9	0.4	0.638	1
Rv2309A	-	10	7	1121.9	1583.4	461.4	0.5	0.7071	1
Rv2309c	-	6	5	5590.6	2942.2	-2648.4	-0.93	0.6472	1
Rv2310	-	2	2	43.3	0	-43.3	-4.44	0.1405	1
Rv2311	-	7	6	4802.9	8516.7	3713.8	0.83	0.4361	1
Rv2312	-	2	2	646.2	812.3	166.1	0.33	0.9159	1
Rv2313c	-	7	7	11859.7	11213.2	-646.4	-0.08	0.9306	1
Rv2314c	-	12	6	744.7	4177.5	3432.8	2.49	0.4575	1
Rv2315c	-	27	11	1819.8	2636.5	816.6	0.53	0.9203	1
Rv2316	uspA	9	5	2700.4	6220	3519.6	1.2	0.4422	1
Rv2317	uspB	11	6	19892.4	14922.2	-4970.1	-0.41	0.7273	1
Rv2318	uspC	26	8	6332	1544.8	-4787.2	-2.04	0.1954	1
Rv2319c	-	11	4	260.7	354	93.3	0.44	0.9056	1
Rv2320c	rocE	23	13	4541.4	4184.9	-356.5	-0.12	0.8748	1
Rv2321c	rocD2	5	2	401	141	-260	-1.51	0.7181	1
Rv2322c	rocD1	6	3	15.7	1.2	-14.5	-3.66	0.4564	1
Rv2323c	-	14	5	1025.4	2191.3	1165.9	1.1	0.4799	1
Rv2324	-	2	1	104	4.8	-99.2	-4.43	1	1
Rv2325c	-	4	1	1413	189.2	-1223.9	-2.9	0.6661	1
Rv2326c	-	19	8	2312.9	2856.6	543.7	0.3	0.8242	1
Rv2327	-	4	1	449.1	6.2	-442.9	-6.17	0.6597	1
Rv2328	PE23	9	8	2271.8	3887.5	1615.8	0.78	0.7545	1
Rv2329c	narK1	24	21	7916.6	10401.7	2485.1	0.39	0.4572	1
Rv2330c	lppP	6	4	917.8	612.1	-305.7	-0.58	0.6362	1
Rv2331	-	2	1	4.1	19.8	15.7	2.26	1	1
Rv2331A	-	3	2	826.3	15.1	-811.1	-5.77	0.0168	1
Rv2332	mez	23	20	67430	77015.7	9585.7	0.19	0.8013	1
Rv2333c	-	12	11	9286.4	1161.4	-8125.1	-3	0.0292	1
Rv2334	cysK1	11	3	25.1	21.1	-4.1	-0.25	1	1
Rv2335	cysE	5	3	35.6	0	-35.6	-4.15	0.1813	1
Rv2336	-	22	17	3653.2	6330.9	2677.7	0.79	0.5661	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2337c	-	5	4	7615.6	9544.6	1928.9	0.33	0.8683	1
Rv2338c	moeW	31	10	2678.2	1420.1	-1258.1	-0.92	0.4756	1
Rv2339	mmpL9	65	36	12413.8	13582.4	1168.5	0.13	0.8249	1
Rv2340c	PE_PGRS39	9	8	3168	8781.8	5613.8	1.47	0.1983	1
Rv2341	lppQ	1	1	313.3	624.8	311.6	1	0.3379	1
Rv2342	-	3	1	53.4	0	-53.4	-4.74	1	1
Rv2343c	dnaG	17	4	56.6	9.9	-46.7	-2.51	0.3217	1
Rv2344c	dgt	20	9	247.7	347.1	99.4	0.49	0.9596	1
Rv2345	-	23	22	17866.1	59032.8	41166.8	1.72	0.0311	1
Rv2346c	esxO	2	2	1432.4	2950.4	1518.1	1.04	0.2332	1
Rv2347c	esxP	2	2	1152.4	235.3	-917.1	-2.29	0.0902	1
Rv2348c	-	2	2	2290.1	631.3	-1658.8	-1.86	0.4421	1
Rv2349c	plcC	18	16	13013.6	12128.9	-884.6	-0.1	0.9082	1
Rv2350c	plcB	16	13	163571.9	222606.2	59034.3	0.44	0.6376	1
Rv2351c	plcA	21	16	20058.6	21161.7	1103.1	0.08	0.9194	1
Rv2352c	PPE38	13	12	26258.2	39800	13541.9	0.6	0.6296	1
Rv2353c	PPE39	18	11	901.1	2133.4	1232.3	1.24	0.2948	1
Rv2354	-	3	3	1280.5	1569.2	288.7	0.29	0.7682	1
Rv2355	-	17	15	6941.2	6170.4	-770.7	-0.17	0.7526	1
Rv2356c	PPE40	23	13	18952.6	17142	-1810.6	-0.14	0.88	1
Rv2357c	glyS	25	9	88	45.5	-42.5	-0.95	0.5526	1
Rv2358	-	3	1	2	0	-2	0	1	1
Rv2359	furB	5	3	6.3	38.4	32.1	2.61	0.4503	1
Rv2360c	-	4	2	374.5	148.3	-226.3	-1.34	0.513	1
Rv2361c	-	12	3	15.7	43.4	27.7	1.47	0.4534	1
Rv2362c	recO	8	2	3.1	14.9	11.7	2.24	1	1
Rv2363	amiA2	17	4	218	25.7	-192.3	-3.09	0.2969	1
Rv2364c	era	14	1	3.1	0	-3.1	-0.65	1	1
Rv2365c	-	1	1	1736.9	4082.2	2345.3	1.23	0.3332	1
Rv2366c	-	14	4	1552.8	2368	815.3	0.61	0.7483	1
Rv2367c	-	5	3	929.1	121.5	-807.6	-2.93	0.4762	1
Rv2368c	phoH1	16	15	10470.9	10801.6	330.7	0.04	0.9405	1
Rv2369c	-	3	2	492.8	417.7	-75.1	-0.24	0.8163	1
Rv2370c	-	14	11	9292.7	6823.5	-2469.2	-0.45	0.7207	1
Rv2371	PE_PGRS40	1	0	0	0	0	0	1	1
Rv2372c	-	3	2	9688	14025.1	4337	0.53	0.6105	1
Rv2373c	dnaJ2	6	0	0	0	0	0	1	1
Rv2374c	hrcA	18	11	585.4	2070	1484.6	1.82	0.684	1
Rv2375	-	7	6	2629.7	917.3	-1712.4	-1.52	0.0974	1
Rv2376c	cfp2	1	1	1756	3187.3	1431.3	0.86	0.662	1
Rv2377c	mbtH	2	1	1436.8	1151	-285.8	-0.32	1	1
Rv2378c	mbtG	7	5	81.3	1.8	-79.5	-5.51	0.0078	1
Rv2379c	mbtF	48	22	5769.5	653.9	-5115.6	-3.14	0.0059	1
Rv2380c	mbtE	63	29	5142.5	4814.1	-328.4	-0.1	0.9259	1
Rv2381c	mbtD	32	6	60.7	93.1	32.4	0.62	0.9915	1
Rv2382c	mbtC	14	5	348.4	780.2	431.8	1.16	0.8893	1
Rv2383c	mbtB	34	16	2335.8	3864.6	1528.8	0.73	0.9039	1
Rv2384	mbtA	15	9	841.7	572.2	-269.5	-0.56	0.5022	1
Rv2385	mbtJ	16	9	4668.4	2821.2	-1847.2	-0.73	0.408	1
Rv2386c	mbtI	11	0	0	0	0	0	1	1
Rv2387	-	17	15	12062.7	13137.3	1074.6	0.12	0.8657	1
Rv2388c	hemN	14	9	4056	7164.9	3108.9	0.82	0.491	1
Rv2389c	rpfD	6	5	9665.6	11782.2	2116.6	0.29	0.7157	1
Rv2390c	-	4	4	16058.7	19254.9	3196.2	0.26	0.7703	1
Rv2391	nirA	17	2	9.4	9.9	0.5	0.07	1	1
Rv2392	cysH	10	2	6.3	28.5	22.2	2.18	0.7118	1
Rv2393	-	3	1	0	8.7	8.7	2.12	1	1
Rv2394	ggtB	27	19	20776.1	13920.7	-6855.4	-0.58	0.5886	1
Rv2395	-	26	21	9249.6	9266.7	17.1	0	0.996	1
Rv2396	PE_PGRS41	9	9	10510.5	14133.8	3623.3	0.43	0.5478	1
Rv2397c	cysA1	10	4	0	14.9	14.9	2.89	0.0769	1
Rv2398c	cysW	11	2	28.3	5	-23.3	-2.51	1	1
Rv2399c	cysT	9	1	9.4	0	-9.4	-2.24	1	1
Rv2400c	subI	13	2	0	32.2	32.2	4.01	0.4251	1
Rv2401	-	3	2	875.6	387.4	-488.3	-1.18	0.8041	1
Rv2401A	-	1	0	0	0	0	0	1	1
Rv2402	-	23	18	15251.2	12042.4	-3208.7	-0.34	0.7195	1
Rv2403c	lppR	6	4	123.4	6630.9	6507.5	5.75	0.8512	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2404c	lepA	22	14	2010.1	1908.9	-101.3	-0.07	0.9557	1
Rv2405	-	5	5	2905.8	4468.3	1562.5	0.62	0.9065	1
Rv2406c	-	7	6	4508.6	3475.2	-1033.4	-0.38	0.7563	1
Rv2407	-	7	5	414.7	728.1	313.4	0.81	0.5692	1
Rv2408	PE24	9	7	3376.7	1683.5	-1693.2	-1	0.2635	1
Rv2409c	-	13	10	2014.8	2684.1	669.2	0.41	0.7933	1
Rv2410c	-	9	5	753	160	-593	-2.23	0.1971	1
Rv2411c	-	18	16	19020.7	10579.3	-8441.4	-0.85	0.3299	1
Rv2412	rpsT	1	0	0	0	0	0	1	1
Rv2413c	-	11	0	0	0	0	0	1	1
Rv2414c	-	7	5	2700.7	2916.8	216.1	0.11	0.9582	1
Rv2415c	-	12	7	385.4	2477.1	2091.7	2.68	0.8145	1
Rv2416c	eis	25	11	3864.8	909	-2955.8	-2.09	0.1873	1
Rv2417c	-	9	3	6.3	5.5	-0.8	-0.19	0.92	1
Rv2418c	-	14	2	6.3	183.5	177.2	4.87	1	1
Rv2419c	-	5	1	3.1	0	-3.1	-0.65	1	1
Rv2420c	-	4	2	386.5	53.3	-333.2	-2.86	1	1
Rv2421c	nadD	11	5	40.9	33.5	-7.4	-0.29	0.8381	1
Rv2422	-	3	3	12554.4	26838.3	14284	1.1	0.4289	1
Rv2423	-	13	12	9728.9	10836.6	1107.7	0.16	0.7845	1
Rv2424c	-	6	6	2314.6	4047.8	1733.2	0.81	0.6508	1
Rv2425c	-	14	10	2857	2160.6	-696.4	-0.4	0.6572	1
Rv2426c	-	9	6	3946	829.3	-3116.7	-2.25	0.0372	1
Rv2427c	proA	14	9	563.6	2956.2	2392.6	2.39	0.0402	1
Rv2428	ahpC	6	4	116.6	9.9	-106.7	-3.56	0.0954	1
Rv2429	ahpD	9	3	195.4	2122.9	1927.4	3.44	0.9676	1
Rv2430c	PPE41	6	6	2607.3	3512.6	905.3	0.43	0.9882	1
Rv2431c	PE25	4	2	3545.6	1228.7	-2316.9	-1.53	0.5052	1
Rv2432c	-	7	3	265.8	398.7	132.9	0.58	0.6666	1
Rv2433c	-	6	2	425.4	43.8	-381.6	-3.28	0.3982	1
Rv2434c	-	19	5	2669.5	43.7	-2625.8	-5.93	0.3897	1
Rv2435c	-	42	17	6372.1	4384.4	-1987.7	-0.54	0.4223	1
Rv2436	rbsK	11	5	806.1	2655.4	1849.3	1.72	0.3715	1
Rv2437	-	7	4	261.8	29.6	-232.2	-3.15	0.2983	1
Rv2438A	-	4	1	3.1	0	-3.1	-0.65	1	1
Rv2438c	nadE	25	3	4.1	6.2	2.1	0.58	1	1
Rv2439c	proB	10	0	0	0	0	0	1	1
Rv2440c	obgE	10	2	0	3.7	3.7	0.89	0.4231	1
Rv2441c	rpmA	4	0	0	0	0	0	1	1
Rv2442c	rplU	2	0	0	0	0	0	1	1
Rv2443	dctA	19	16	16187.9	19251.5	3063.6	0.25	0.6929	1
Rv2444c	rne	22	2	154	16	-138	-3.27	1	1
Rv2445c	ndk	3	1	0	8.7	8.7	2.12	1	1
Rv2446c	-	6	4	1178.1	9779.8	8601.8	3.05	0.1914	1
Rv2447c	folC	10	4	6.3	37.2	30.9	2.56	0.1958	1
Rv2448c	valS	20	2	3.1	18.6	15.5	2.56	1	1
Rv2449c	-	22	19	10604.3	16735.7	6131.4	0.66	0.5487	1
Rv2450c	rpfE	6	4	2293.1	3244.6	951.5	0.5	0.8245	1
Rv2451	-	6	5	1778.1	252.3	-1525.8	-2.82	0.2256	1
Rv2452c	-	6	5	3165.9	2116.9	-1049.1	-0.58	0.554	1
Rv2453c	mobA	5	5	3711.8	3067.4	-644.4	-0.28	0.8192	1
Rv2454c	-	14	0	0	0	0	0	1	1
Rv2455c	-	31	7	26.4	70.7	44.2	1.42	0.1986	1
Rv2456c	-	17	13	5852.4	6970.1	1117.7	0.25	0.8656	1
Rv2457c	clpX	13	4	25.1	14.9	-10.3	-0.76	0.7188	1
Rv2458	mmuM	14	11	14960.4	10498.4	-4462	-0.51	0.6169	1
Rv2459	-	17	13	6807.6	7290.1	482.6	0.1	0.8771	1
Rv2460c	clpP2	7	2	37.7	0	-37.7	-4.24	0.4243	1
Rv2461c	clpP	8	4	40.9	9.6	-31.3	-2.09	0.4693	1
Rv2462c	tig	15	11	3935.1	5720.2	1785	0.54	0.8377	1
Rv2463	lipP	14	11	11024.4	4084.3	-6940.1	-1.43	0.1141	1
Rv2464c	-	10	9	6817	5078.6	-1738.3	-0.42	0.6867	1
Rv2465c	-	5	0	0	0	0	0	1	1
Rv2466c	-	9	6	9396.1	4206.3	-5189.8	-1.16	0.5316	1
Rv2467	pepN	31	16	3116.9	2246.5	-870.4	-0.47	0.6061	1
Rv2468c	-	5	4	743.1	4051.9	3308.8	2.45	0.4108	1
Rv2469c	-	7	6	1680.5	2858.5	1178	0.77	0.6053	1
Rv2470	glbO	7	5	76.7	55.3	-21.4	-0.47	0.5914	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2471	aglA	13	7	3265.6	11770.7	8505.1	1.85	0.8356	1
Rv2472	-	5	1	9231.5	24265.1	15033.6	1.39	1	1
Rv2473	-	12	8	3043.5	3859	815.5	0.34	0.6845	1
Rv2474c	-	9	4	62.9	0.9	-62	-6.14	0.1965	1
Rv2475c	-	7	3	75.4	16.1	-59.4	-2.23	0.4489	1
Rv2476c	gdh	44	7	151.8	6.7	-145.1	-4.49	0.0046	1
Rv2477c	-	21	5	47.1	34.7	-12.4	-0.44	0.7973	1
Rv2478c	-	5	4	737.1	1425.9	688.8	0.95	0.9948	1
Rv2479c	-	21	19	11156	10113.9	-1042.1	-0.14	0.7637	1
Rv2480c	-	3	3	1288	1367.2	79.2	0.09	0.9128	1
Rv2481c	-	2	2	1622.5	1078.1	-544.4	-0.59	1	1
Rv2482c	plsB2	33	17	5146.2	7277.2	2130.9	0.5	0.4733	1
Rv2483c	plsC	19	11	1559.8	1290.4	-269.3	-0.27	0.8078	1
Rv2484c	-	20	12	1900.5	2205.8	305.4	0.21	0.7579	1
Rv2485c	lipQ	18	15	2972.6	3012	39.4	0.02	0.9952	1
Rv2486	echA14	8	6	5631.9	6777.6	1145.7	0.27	0.702	1
Rv2487c	PE_PGRS42	18	10	11270.9	13115.5	1844.7	0.22	0.8899	1
Rv2488c	-	33	19	13978.1	16507.6	2529.5	0.24	0.7893	1
Rv2489c	-	3	3	3684.8	1667	-2017.8	-1.14	0.2914	1
Rv2490c	PE_PGRS43	35	25	10252.4	8607.5	-1644.9	-0.25	0.7378	1
Rv2491	-	14	7	995.4	856.1	-139.2	-0.22	0.8499	1
Rv2492	-	23	9	929.5	30.5	-899	-4.93	0.0174	1
Rv2493	-	0	0	0	0	0	0	1	1
Rv2494	-	5	3	213.7	2242.3	2028.6	3.39	0.9524	1
Rv2495c	pdhC	11	1	0	5.4	5.4	1.42	1	1
Rv2496c	pdhB	20	10	3292.7	981.9	-2310.8	-1.75	0.183	1
Rv2497c	pdhA	17	10	2107.8	2151.7	44	0.03	0.9738	1
Rv2498c	citE	9	5	473.1	23.4	-449.7	-4.33	0.0839	1
Rv2499c	-	4	1	15.7	2299.3	2283.6	7.19	1	1
Rv2500c	fadE19	18	3	25.1	116.1	91	2.21	0.729	1
Rv2501c	accA1	18	6	1936.5	32	-1904.4	-5.92	0.0029	1
Rv2502c	accD1	23	11	1224.3	3391	2166.7	1.47	0.7949	1
Rv2503c	scoB	6	2	15.7	1.2	-14.5	-3.66	1	1
Rv2504c	scoA	10	6	10989.5	15926.7	4937.2	0.54	0.8203	1
Rv2505c	fadD35	27	22	9068.6	14036.7	4968.1	0.63	0.4078	1
Rv2506	-	5	4	762.3	3110.3	2348	2.03	0.1085	1
Rv2507	-	16	4	15.7	50.8	35.1	1.69	0.58	1
Rv2508c	-	14	12	1861.4	2704.7	843.3	0.54	0.5782	1
Rv2509	-	7	1	0	13.6	13.6	2.77	1	1
Rv2510c	-	15	7	783.9	1565.6	781.7	1	0.599	1
Rv2511	orn	7	2	25.1	2.5	-22.7	-3.34	1	1
Rv2512c	-	13	11	17951	16024.6	-1926.4	-0.16	0.7508	1
Rv2513	-	8	7	1675.5	739.2	-936.3	-1.18	0.3193	1
Rv2514c	-	5	3	977.7	764.5	-213.2	-0.35	0.7563	1
Rv2515c	-	18	11	5062	209.4	-4852.6	-4.6	0.0006	0.4489
Rv2516c	-	11	2	0	13.6	13.6	2.77	0.4344	1
Rv2517c	-	7	6	1623.5	557.2	-1066.3	-1.54	0.3644	1
Rv2518c	lppS	18	6	201.1	14.9	-186.3	-3.76	0.0365	1
Rv2519	PE26	24	13	1701.6	8137	6435.4	2.26	0.0483	1
Rv2520c	-	0	0	0	0	0	0	1	1
Rv2521	bcp	7	5	1697.1	832.5	-864.6	-1.03	0.4215	1
Rv2522c	-	16	11	9029	4529.3	-4499.7	-1	0.4855	1
Rv2523c	acpS	4	0	0	0	0	0	1	1
Rv2524c	fas	50	9	56.6	37.2	-19.4	-0.61	0.5897	1
Rv2525c	-	11	11	12347	15072.7	2725.7	0.29	0.6933	1
Rv2526	-	0	0	0	0	0	0	1	1
Rv2527	-	7	5	1653.6	1027.1	-626.5	-0.69	0.7712	1
Rv2528c	mrr	7	3	287.7	13.5	-274.2	-4.41	0.0563	1
Rv2529	-	12	3	107.8	857.8	749.9	2.99	0.3306	1
Rv2530A	-	3	2	641.8	969.4	327.5	0.59	0.9754	1
Rv2530c	-	3	1	655.4	512.2	-143.2	-0.36	1	1
Rv2531c	-	38	25	9476.7	12815.5	3338.7	0.44	0.5217	1
Rv2532c	-	5	3	379.8	4055.7	3675.8	3.42	0.0497	1
Rv2533c	nusB	3	2	3.1	12.4	9.3	1.98	1	1
Rv2534c	efp	8	2	15.7	0	-15.7	-2.97	0.4341	1
Rv2535c	pepQ	14	5	113.3	8.3	-105	-3.77	0.6592	1
Rv2536	-	6	5	8467.4	3945.1	-4522.4	-1.1	0.2201	1
Rv2537c	aroD	5	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2538c	aroB	4	0	0	0	0	0	1	1
Rv2539c	aroK	5	2	56.6	2.5	-54.1	-4.51	0.4318	1
Rv2540c	aroF	7	2	3.1	7.4	4.3	1.24	1	1
Rv2541	-	1	1	18.9	25.9	7	0.46	1	1
Rv2542	-	9	5	3484.1	2448	-1036.1	-0.51	0.6252	1
Rv2543	lppA	13	5	4509.3	3698.4	-810.9	-0.29	0.7543	1
Rv2544	lppB	14	6	1400	804.2	-595.8	-0.8	0.3276	1
Rv2545	-	9	8	3963.6	3056.6	-907.1	-0.37	0.694	1
Rv2546	-	6	4	223.7	2696.1	2472.4	3.59	0.3231	1
Rv2547	-	2	2	137.4	481.3	343.9	1.81	0.5992	1
Rv2548	-	4	2	232.8	17.9	-214.9	-3.7	0.5424	1
Rv2549c	-	4	4	6199.5	3376.3	-2823.2	-0.88	0.4308	1
Rv2550c	-	2	2	162.3	48.9	-113.4	-1.73	0.7155	1
Rv2551c	-	1	1	4796.1	6257.1	1460.9	0.38	0.6647	1
Rv2552c	aroE	3	2	0	22.3	22.3	3.48	0.4279	1
Rv2553c	-	15	6	18.9	42.1	23.3	1.16	0.5845	1
Rv2554c	-	2	0	0	0	0	0	1	1
Rv2555c	alaS	28	7	132	60.7	-71.3	-1.12	0.7308	1
Rv2556c	-	5	1	12.6	480.9	468.4	5.26	1	1
Rv2557	-	9	9	5468.4	3834	-1634.3	-0.51	0.5985	1
Rv2558	-	4	4	1642.5	1474	-168.5	-0.16	0.9106	1
Rv2559c	-	13	10	8437.8	5638.9	-2798.9	-0.58	0.5842	1
Rv2560	-	22	16	20820	14276.7	-6543.3	-0.54	0.6422	1
Rv2561	-	3	2	2650.2	4202.8	1552.6	0.67	0.6263	1
Rv2562	-	7	7	3503.1	2747.5	-755.6	-0.35	0.6391	1
Rv2563	-	6	2	75.4	19.5	-55.9	-1.95	0.4311	1
Rv2564	glnQ	8	1	6.3	0	-6.3	-1.65	1	1
Rv2565	-	18	10	7776	1502.7	-6273.4	-2.37	0.0701	1
Rv2566	-	29	22	6535.3	1893.1	-4642.2	-1.79	0.0616	1
Rv2567	-	28	13	8873.2	3243.1	-5630	-1.45	0.411	1
Rv2568c	-	17	9	966	9053.2	8087.3	3.23	0.3091	1
Rv2569c	-	17	8	6876.9	2567.4	-4309.4	-1.42	0.2066	1
Rv2570	-	3	2	296.3	24.4	-271.8	-3.6	0.0868	1
Rv2571c	-	5	3	1646.6	1273.4	-373.2	-0.37	0.7395	1
Rv2572c	aspS	18	4	0	28.5	28.5	3.83	0.0612	1
Rv2573	-	3	3	2660.7	2176.3	-484.3	-0.29	0.856	1
Rv2574	-	3	1	4035.8	9297.6	5261.8	1.2	0.3266	1
Rv2575	-	15	10	8936.1	9421.2	485.1	0.08	0.934	1
Rv2576c	-	7	6	2293.1	1417.6	-875.5	-0.69	0.5116	1
Rv2577	-	29	13	16219.6	19734.9	3515.3	0.28	0.8833	1
Rv2578c	-	15	6	1027.8	2131.5	1103.7	1.05	0.5246	1
Rv2579	dhaA	10	5	8819.5	10572.2	1752.7	0.26	0.7552	1
Rv2580c	hisS	11	4	15.7	73.1	57.4	2.22	0.6647	1
Rv2581c	-	5	1	15.7	0	-15.7	-2.97	1	1
Rv2582	ppiB	15	3	12.6	12.4	-0.2	-0.02	1	1
Rv2583c	relA	29	4	4.1	6.7	2.6	0.7	0.6417	1
Rv2584c	apt	8	5	3851.7	1194.4	-2657.3	-1.69	0.1789	1
Rv2585c	-	18	14	5374.5	8851.4	3476.9	0.72	0.4706	1
Rv2586c	secF	14	2	6.3	17.4	11.1	1.47	0.7126	1
Rv2587c	secD	21	4	100.6	32.2	-68.3	-1.64	0.4245	1
Rv2588c	yajC	1	1	197.1	1.2	-195.9	-7.31	0.3294	1
Rv2589	gabT	20	14	13978.3	19176.6	5198.3	0.46	0.5911	1
Rv2590	fadD9	43	34	33360.4	41324.9	7964.5	0.31	0.617	1
Rv2591	PE_PGRS44	10	8	10028.9	9956.8	-72.1	-0.01	0.9892	1
Rv2592c	ruvB	7	2	0	45.9	45.9	4.52	0.4294	1
Rv2593c	ruvA	5	1	0	23.6	23.6	3.56	1	1
Rv2594c	ruvC	3	0	0	0	0	0	1	1
Rv2595	-	0	0	0	0	0	0	1	1
Rv2596	-	7	7	2414.3	5275.5	2861.3	1.13	0.3543	1
Rv2597	-	4	4	7975.2	9553.1	1577.9	0.26	0.8372	1
Rv2598	-	3	2	1395.3	523.2	-872.1	-1.42	0.7999	1
Rv2599	-	11	8	3713.4	3592.1	-121.4	-0.05	0.9566	1
Rv2600	-	6	5	5327.1	2161.5	-3165.6	-1.3	0.2272	1
Rv2601	speE	20	17	9085.5	6412.7	-2672.8	-0.5	0.4904	1
Rv2601A	-	2	0	0	0	0	0	1	1
Rv2602	-	5	5	12648.3	14082.5	1434.2	0.15	0.8541	1
Rv2603c	-	6	2	6.3	16.1	9.8	1.36	0.7205	1
Rv2604c	-	4	3	1600.1	735.7	-864.4	-1.12	0.4627	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2605c	tesB2	6	4	787.8	1473.2	685.4	0.9	0.7574	1
Rv2606c	-	8	2	0	5.7	5.7	1.51	0.0934	1
Rv2607	pdxH	11	10	5544.4	4808.9	-735.5	-0.21	0.8023	1
Rv2608	PPE42	27	23	17052.4	23967.8	6915.4	0.49	0.4945	1
Rv2609c	-	10	6	1420.2	933.1	-487.1	-0.61	0.684	1
Rv2610c	pimA	10	3	37.7	18.6	-19.1	-1.02	0.4264	1
Rv2611c	-	9	0	0	0	0	0	1	1
Rv2612c	pgsA1	2	1	0	5	5	1.31	1	1
Rv2613c	-	6	2	12.6	0	-12.6	-2.65	0.4293	1
Rv2614A	-	6	4	198	1060.2	862.3	2.42	0.2921	1
Rv2614c	thrS	22	4	9.4	5	-4.5	-0.93	0.7348	1
Rv2615c	PE_PGRS45	12	6	2818	115.2	-2702.8	-4.61	0.1025	1
Rv2616	-	4	3	2732.8	3821.3	1088.5	0.48	0.7851	1
Rv2617c	-	5	5	1813.1	6471.6	4658.5	1.84	0.3973	1
Rv2618	-	7	4	4747.7	1719.7	-3028	-1.47	0.4774	1
Rv2619c	-	2	2	1807.3	4927.8	3120.5	1.45	0.4453	1
Rv2620c	-	4	4	6385	6019.9	-365.1	-0.08	0.9242	1
Rv2621c	-	4	2	117.3	1197.6	1080.3	3.35	0.9728	1
Rv2622	-	8	2	156.6	4.5	-152.1	-5.13	0.0558	1
Rv2623	TB31.7	5	4	89.3	65.7	-23.5	-0.44	0.8925	1
Rv2624c	-	9	4	1610	229	-1381.1	-2.81	0.4675	1
Rv2625c	-	14	8	273.7	360.1	86.4	0.4	0.951	1
Rv2626c	-	4	1	0	11.7	11.7	2.55	0.3362	1
Rv2627c	-	16	11	1924.1	1197.4	-726.7	-0.68	0.5505	1
Rv2628	-	7	3	4114	2717.2	-1396.8	-0.6	0.7411	1
Rv2629	-	15	6	1362.8	4066.4	2703.6	1.58	0.8246	1
Rv2630	-	7	3	977.7	298.1	-679.6	-1.71	0.4408	1
Rv2631	-	14	9	4939.6	4286.5	-653	-0.2	0.8642	1
Rv2632c	-	3	2	675.5	952.5	277	0.5	0.9688	1
Rv2633c	-	8	7	689	316.9	-372.1	-1.12	0.5292	1
Rv2634c	PE_PGRS46	25	12	3194.7	3479.5	284.7	0.12	0.8954	1
Rv2635	-	6	0	0	0	0	0	1	1
Rv2636	-	10	6	6744.7	4981.9	-1762.8	-0.44	0.5956	1
Rv2637	dedA	8	5	3469.8	5065.2	1595.4	0.55	0.6814	1
Rv2638	-	2	2	70.1	706	635.9	3.33	0.7092	1
Rv2639c	-	6	5	9919.8	11213.4	1293.5	0.18	0.8526	1
Rv2640c	-	4	2	463.5	268.9	-194.6	-0.79	0.8866	1
Rv2641	cadI	6	5	1287.1	1425.9	138.8	0.15	0.9931	1
Rv2642	-	4	3	1110.1	7116.2	6006.1	2.68	0.5633	1
Rv2643	arsC	26	21	6530.2	6370.2	-160	-0.04	0.9677	1
Rv2644c	-	5	2	1839.5	263.9	-1575.6	-2.8	0.1333	1
Rv2645	-	3	1	3.1	43.7	40.6	3.8	1	1
Rv2646	-	14	10	2298.6	3065.3	766.7	0.42	0.6307	1
Rv2647	-	4	3	991	2971.6	1980.6	1.58	0.2608	1
Rv2648	-	3	3	1315.2	1517	201.7	0.21	0.8574	1
Rv2649	-	18	16	7160.2	6349	-811.1	-0.17	0.7506	1
Rv2650c	-	8	0	0	0	0	0	1	1
Rv2651c	-	3	0	0	0	0	0	1	1
Rv2652c	-	6	1	15.7	0	-15.7	-2.97	1	1
Rv2653c	-	3	0	0	0	0	0	1	1
Rv2654c	-	0	0	0	0	0	0	1	1
Rv2655c	-	14	6	1776.8	2124.3	347.5	0.26	0.782	1
Rv2656c	-	5	3	598.5	1258.9	660.4	1.07	0.4647	1
Rv2657c	-	5	3	1103	415.5	-687.5	-1.41	0.3656	1
Rv2658c	-	7	5	2803.2	3447.5	644.3	0.3	0.7052	1
Rv2659c	-	17	11	8246.7	2295	-5951.8	-1.85	0.116	1
Rv2660c	-	2	1	400.7	6.6	-394.1	-5.93	0.3335	1
Rv2661c	-	2	2	22.7	129	106.2	2.51	0.2668	1
Rv2662	-	4	2	485.7	1184.4	698.7	1.29	0.4583	1
Rv2663	-	6	5	8586	2121.1	-6464.9	-2.02	0.3199	1
Rv2664	-	0	0	0	0	0	0	1	1
Rv2665	-	2	2	78.6	49.8	-28.8	-0.66	1	1
Rv2666	-	9	6	1980.3	1220.7	-759.6	-0.7	0.5064	1
Rv2667	clpC2	4	3	919.1	218.5	-700.6	-2.07	0.5768	1
Rv2668	-	6	5	883.3	640.8	-242.5	-0.46	0.6372	1
Rv2669	-	6	1	75.4	5	-70.5	-3.93	1	1
Rv2670c	-	15	9	2562.2	7076.8	4514.6	1.47	0.186	1
Rv2671	ribD	8	5	4639.8	1026.4	-3613.4	-2.18	0.0772	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2672	-	13	6	6601.9	3688.5	-2913.4	-0.84	0.5091	1
Rv2673	-	20	5	40.9	21.1	-19.8	-0.96	0.4841	1
Rv2674	-	4	3	3257.2	4702.3	1445.2	0.53	0.4829	1
Rv2675c	-	13	12	19004.2	30876.6	11872.4	0.7	0.5191	1
Rv2676c	-	11	5	9.4	21.1	11.6	1.16	0.4416	1
Rv2677c	hemY	7	3	12.6	8.3	-4.2	-0.59	0.7248	1
Rv2678c	hemE	8	2	15.7	0	-15.7	-2.97	0.4234	1
Rv2679	echA15	3	3	3840.4	915.5	-2925	-2.07	0.0942	1
Rv2680	-	11	7	145	122.6	-22.4	-0.24	0.7867	1
Rv2681	-	16	7	1616.7	116.9	-1499.9	-3.79	0.3272	1
Rv2682c	dxs1	17	4	72.3	40.9	-31.4	-0.82	0.5724	1
Rv2683	-	10	4	755.8	79.6	-676.3	-3.25	0.1113	1
Rv2684	arsA	17	8	190.4	992.3	801.9	2.38	0.2236	1
Rv2685	arsB1	8	6	700.4	398.6	-301.8	-0.81	0.5299	1
Rv2686c	-	11	7	2221.5	268.9	-1952.7	-3.05	0.1881	1
Rv2687c	-	10	3	7471	1049.4	-6421.6	-2.83	0.8678	1
Rv2688c	-	9	8	5717.4	1783.2	-3934.2	-1.68	0.5961	1
Rv2689c	-	18	10	6787.8	9861.3	3073.5	0.54	0.4554	1
Rv2690c	-	20	10	129.8	243.5	113.6	0.91	0.8217	1
Rv2691	ceoB	8	6	1871	2983.4	1112.4	0.67	0.7387	1
Rv2692	ceoC	2	2	4.1	25.9	21.7	2.64	0.2891	1
Rv2693c	-	8	7	796.4	1169.3	372.9	0.55	0.6512	1
Rv2694c	-	6	4	2678.5	1494.9	-1183.7	-0.84	0.2018	1
Rv2695	-	8	7	1294.4	3701.8	2407.4	1.52	0.2201	1
Rv2696c	-	9	2	155	44.1	-110.9	-1.81	0.6253	1
Rv2697c	dut	4	2	50.3	5	-45.3	-3.34	1	1
Rv2698	-	11	3	47.1	58.3	11.1	0.31	0.8737	1
Rv2699c	-	1	0	0	0	0	0	1	1
Rv2700	-	7	2	3.1	17.4	14.2	2.47	1	1
Rv2701c	suhB	9	6	895.1	2055.7	1160.7	1.2	0.8046	1
Rv2702	ppgK	11	8	3835.2	3447.6	-387.6	-0.15	0.8329	1
Rv2703	sigA	15	5	44	6.2	-37.8	-2.83	0.4437	1
Rv2704	-	8	3	2755.2	1694.5	-1060.7	-0.7	0.4648	1
Rv2705c	-	8	6	8307.8	4373.2	-3934.6	-0.93	0.6089	1
Rv2706c	-	2	2	878.6	331.3	-547.4	-1.41	0.4981	1
Rv2707	-	25	22	4351.6	2748.9	-1602.7	-0.66	0.4613	1
Rv2708c	-	5	4	568.1	1989.1	1421	1.81	0.2211	1
Rv2709	-	9	4	11005.1	8164.8	-2840.3	-0.43	0.7096	1
Rv2710	sigB	10	3	6.3	24.8	18.5	1.98	0.7307	1
Rv2711	ideR	4	3	31.4	3.7	-27.7	-3.08	0.4469	1
Rv2712c	-	11	5	6373.4	8944.7	2571.2	0.49	0.7301	1
Rv2713	sthA	16	16	10363.8	6270	-4093.8	-0.73	0.1917	1
Rv2714	-	13	10	22601.7	19765.7	-2836.1	-0.19	0.8731	1
Rv2715	-	15	10	1148.9	1364.6	215.7	0.25	0.8142	1
Rv2716	-	7	6	2944	1457.1	-1486.9	-1.01	0.3796	1
Rv2717c	-	9	9	1056.4	678.4	-377.9	-0.64	0.4059	1
Rv2718c	-	7	4	488.7	1207.4	718.7	1.3	0.3087	1
Rv2719c	-	4	3	1102.9	796.7	-306.2	-0.47	0.6316	1
Rv2720	lexA	8	1	0	12.4	12.4	2.63	1	1
Rv2721c	-	18	16	5511.7	5844.6	332.8	0.08	0.9275	1
Rv2722	-	5	5	2161.8	3376.3	1214.5	0.64	0.4003	1
Rv2723	-	22	16	8934.1	13357.2	4423.1	0.58	0.6375	1
Rv2724c	fadE20	18	16	12414.1	8010.3	-4403.8	-0.63	0.3217	1
Rv2725c	hflX	16	9	8917.1	16377.3	7460.2	0.88	0.462	1
Rv2726c	dapF	8	4	81.7	9.9	-71.8	-3.04	0.4696	1
Rv2727c	miaA	11	3	78.6	8.7	-69.9	-3.18	0.1877	1
Rv2728c	-	10	7	2238.8	7063.9	4825.1	1.66	0.243	1
Rv2729c	-	9	8	2373.8	1296.7	-1077	-0.87	0.4071	1
Rv2730	-	10	10	8870.6	8617	-253.7	-0.04	0.9494	1
Rv2731	-	7	7	2536.9	2129.9	-407	-0.25	0.855	1
Rv2732c	-	6	4	594.2	1370.8	776.6	1.21	0.8614	1
Rv2733c	-	12	9	932	2171.6	1239.7	1.22	0.523	1
Rv2734	-	19	8	419.7	1222.8	803.1	1.54	0.8929	1
Rv2735c	-	22	18	6606	6161.6	-444.4	-0.1	0.8796	1
Rv2736c	recX	5	2	69.1	13.6	-55.5	-2.34	1	1
Rv2737A	-	3	0	0	0	0	0	1	1
Rv2737c	recA	22	11	85.9	142.6	56.7	0.73	0.4276	1
Rv2738c	-	2	1	396	363.6	-32.4	-0.12	0.6639	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2739c	-	5	3	306.6	469.3	162.8	0.61	0.9739	1
Rv2740	-	3	3	32.4	11.6	-20.8	-1.48	0.3811	1
Rv2741	PE_PGRS47	17	9	10043.7	3598.8	-6444.8	-1.48	0.0691	1
Rv2742c	-	13	11	7508.6	6208.7	-1299.9	-0.27	0.7594	1
Rv2743c	-	10	7	1485.1	4740.6	3255.6	1.67	0.9814	1
Rv2744c	35kd_ag	4	1	2407.1	1160.2	-1246.9	-1.05	0.6707	1
Rv2745c	-	2	2	4358.6	776.6	-3582	-2.49	0.0705	1
Rv2746c	pgsA3	11	9	50.3	29.7	-20.5	-0.76	0.7056	1
Rv2747	-	5	1	0	17.4	17.4	3.12	1	1
Rv2748c	ftsK	21	6	31.4	32.2	0.8	0.04	1	1
Rv2749	-	3	1	148	8.4	-139.6	-4.14	0.3337	1
Rv2750	-	10	3	108.8	841.1	732.3	2.95	0.3825	1
Rv2751	-	17	8	934	2056.3	1122.3	1.14	0.4262	1
Rv2752c	-	16	5	191.7	476.8	285.1	1.31	0.5394	1
Rv2753c	dapA	8	5	25.1	74.4	49.2	1.56	0.558	1
Rv2754c	thyX	8	4	69.1	13.6	-55.5	-2.34	1	1
Rv2755c	hsdS.1	7	4	1267.6	13.2	-1254.4	-6.59	0.0079	1
Rv2756c	hsdM	28	8	1018.2	352.6	-665.6	-1.53	0.4098	1
Rv2757c	-	6	3	9.4	3	-6.4	-1.64	1	1
Rv2758c	-	1	1	0	28.2	28.2	3.82	0.3401	1
Rv2759c	-	8	6	2194.1	5234.2	3040.1	1.25	0.4667	1
Rv2760c	-	1	1	333.1	2777.8	2444.7	3.06	1	1
Rv2761c	hsdS	12	6	2713.1	3151.4	438.3	0.22	0.8734	1
Rv2762c	-	3	2	593.3	596.6	3.3	0.01	0.9413	1
Rv2763c	dfrA	7	1	0	2.5	2.5	0.31	1	1
Rv2764c	thyA	17	3	56.6	1.2	-55.3	-5.51	0.4531	1
Rv2765	-	11	7	3071.2	3354.8	283.5	0.13	0.8819	1
Rv2766c	fabG	4	4	3466.4	2102.6	-1363.8	-0.72	0.6492	1
Rv2767c	-	9	7	28932.3	15733.3	-13199	-0.88	0.5359	1
Rv2768c	PPE43	10	6	4004.2	6419.1	2414.9	0.68	0.8464	1
Rv2769c	PE27	13	10	7023.8	6823.3	-200.5	-0.04	0.9596	1
Rv2770c	PPE44	10	9	4148.7	4085	-63.7	-0.02	0.9882	1
Rv2771c	-	8	6	6744	1858.7	-4885.3	-1.86	0.3171	1
Rv2772c	-	6	6	1251.4	1225.6	-25.8	-0.03	0.877	1
Rv2773c	dapB	6	0	0	0	0	0	1	1
Rv2774c	-	3	3	432.4	58.5	-373.9	-2.88	0.046	1
Rv2775	-	9	5	2875.3	1278.1	-1597.2	-1.17	0.3006	1
Rv2776c	-	12	8	1004.4	2509.5	1505.1	1.32	0.2615	1
Rv2777c	-	13	12	13295.2	6795.7	-6499.4	-0.97	0.3167	1
Rv2778c	-	7	4	440.8	503.7	62.9	0.19	0.6626	1
Rv2779c	-	5	3	1475.5	4976.8	3501.3	1.75	0.1267	1
Rv2780	ald	20	13	4318.6	1040.1	-3278.5	-2.05	0.1176	1
Rv2781c	-	14	7	2643.7	11373.9	8730.3	2.11	0.1298	1
Rv2782c	pepR	12	9	357.1	3244.7	2887.6	3.18	0.0811	1
Rv2783c	gpsI	14	5	22	13.6	-8.4	-0.69	1	1
Rv2784c	lppU	6	5	1473	1205.5	-267.4	-0.29	0.8409	1
Rv2785c	rpsO	3	2	3.1	4.6	1.5	0.55	0.7073	1
Rv2786c	ribF	9	3	12.6	31	18.4	1.3	0.565	1
Rv2787	-	20	15	5080.3	2807.9	-2272.4	-0.86	0.3261	1
Rv2788	sirR	6	3	716	695.6	-20.4	-0.04	0.9191	1
Rv2789c	fadE21	12	6	1037.3	115.1	-922.2	-3.17	0.0973	1
Rv2790c	ltp1	13	7	1855.9	52.1	-1803.9	-5.16	0.0326	1
Rv2791c	-	15	9	426	813.6	387.6	0.93	0.6216	1
Rv2792c	-	5	3	459.6	193.7	-265.8	-1.25	0.3041	1
Rv2793c	truB	8	3	636	592.2	-43.8	-0.1	0.891	1
Rv2794c	-	5	0	0	0	0	0	1	1
Rv2795c	-	15	8	593	6336.5	5743.5	3.42	0.2596	1
Rv2796c	lppV	5	5	1152.9	909	-243.9	-0.34	0.7329	1
Rv2797c	-	21	20	12716.6	17241.7	4525.1	0.44	0.6563	1
Rv2798c	-	3	2	547.9	30	-517.9	-4.19	0.3461	1
Rv2799	-	7	7	5644.6	10089.3	4444.7	0.84	0.4397	1
Rv2800	-	13	11	12162.9	14302.4	2139.5	0.23	0.8864	1
Rv2801c	-	3	2	760.1	385.6	-374.5	-0.98	0.5634	1
Rv2802c	-	7	6	1056.5	196.6	-860	-2.43	0.0877	1
Rv2803	-	6	6	1744.5	2856.7	1112.2	0.71	0.3433	1
Rv2804c	-	5	3	1021.7	2712	1690.3	1.41	0.4298	1
Rv2805	-	3	3	6755.9	21369.8	14613.9	1.66	0.2804	1
Rv2806	-	6	3	559.4	32.2	-527.2	-4.12	0.1614	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2807	-	11	6	6602.4	11528	4925.6	0.8	0.7445	1
Rv2808	-	5	4	675	1163.2	488.2	0.79	0.6455	1
Rv2809	-	7	5	1601.3	1926.9	325.6	0.27	0.8146	1
Rv2810c	-	10	7	1454.8	1756.5	301.7	0.27	0.9861	1
Rv2811	-	1	1	6.3	19.8	13.5	1.66	1	1
Rv2812	-	14	4	1001	631.7	-369.3	-0.66	0.8252	1
Rv2813	-	8	3	93.1	10.5	-82.6	-3.15	0.373	1
Rv2814c	-	19	17	9848.8	8896.3	-952.5	-0.15	0.7746	1
Rv2815c	-	3	3	1293.5	1517.1	223.6	0.23	0.8398	1
Rv2816c	-	11	5	277.3	305.9	28.6	0.14	0.9328	1
Rv2817c	-	17	8	4176.3	4579.9	403.6	0.13	0.7835	1
Rv2818c	-	18	10	2223.5	1049.8	-1173.8	-1.08	0.3087	1
Rv2819c	-	16	8	1640.4	59.6	-1580.7	-4.78	0.1038	1
Rv2820c	-	13	9	1844.7	2564	719.3	0.48	0.7301	1
Rv2821c	-	9	7	2256.9	1107.1	-1149.8	-1.03	0.3566	1
Rv2822c	-	11	8	4335.4	6406.2	2070.8	0.56	0.762	1
Rv2823c	-	33	21	13958.6	17049.5	3090.9	0.29	0.788	1
Rv2824c	-	15	12	4360.4	5634.9	1274.5	0.37	0.6833	1
Rv2825c	-	5	1	1	0	-1	1	1	1
Rv2826c	-	6	4	40.9	5.7	-35.2	-2.84	0.3597	1
Rv2827c	-	11	3	28.3	28.5	0.2	0.01	1	1
Rv2828c	-	4	0	0	0	0	0	1	1
Rv2829c	-	3	2	12.6	154.8	142.2	3.62	0.5456	1
Rv2830c	-	0	0	0	0	0	0	1	1
Rv2831	echA16	3	2	117.9	9.8	-108.1	-3.59	0.432	1
Rv2832c	ugpC	7	3	1731.8	575.7	-1156.1	-1.59	0.2759	1
Rv2833c	ugpB	18	5	401.5	481.5	80	0.26	0.8867	1
Rv2834c	ugpE	4	3	26.1	517	490.8	4.31	0.8756	1
Rv2835c	ugpA	11	7	600.4	358.1	-242.3	-0.75	0.4628	1
Rv2836c	dinF	16	7	4414.2	4001.9	-412.2	-0.14	0.8751	1
Rv2837c	-	11	4	34.6	8.7	-25.9	-1.99	0.4649	1
Rv2838c	rbfA	6	2	166.1	31.6	-134.5	-2.39	0.8862	1
Rv2839c	infB	22	7	62.9	9.9	-52.9	-2.66	0.2155	1
Rv2840c	-	5	2	0	2.7	2.7	0.42	0.433	1
Rv2841c	nusA	11	2	37.7	32.2	-5.5	-0.23	1	1
Rv2842c	-	4	2	1296.1	22.3	-1273.8	-5.86	0.2148	1
Rv2843	-	2	0	0	0	0	0	1	1
Rv2844	-	4	1	0	1.2	1.2	-0.69	1	1
Rv2845c	proS	21	6	40.9	55.8	14.9	0.45	0.6768	1
Rv2846c	efpA	20	7	44	86.8	42.8	0.98	0.4979	1
Rv2847c	cysG	11	3	53.4	0	-53.4	-4.74	0.18	1
Rv2848c	cobB	15	10	4504.3	2682.9	-1821.3	-0.75	0.3404	1
Rv2849c	cobO	4	2	282.7	569.4	286.7	1.01	0.7977	1
Rv2850c	-	13	5	1401.3	2510.3	1109.1	0.84	0.8206	1
Rv2851c	-	7	4	3685.3	3521.9	-163.5	-0.07	0.925	1
Rv2852c	mqo	16	9	5204.5	4095.7	-1108.8	-0.35	0.6401	1
Rv2853	PE_PGRS48	29	20	18417.3	14812.1	-3605.2	-0.31	0.6303	1
Rv2854	-	14	10	2998.7	3063.4	64.6	0.03	0.9825	1
Rv2855	mtr	21	5	97	11.7	-85.3	-3.05	0.206	1
Rv2856	nicT	14	8	426.1	1502.8	1076.7	1.82	0.1344	1
Rv2857c	-	10	5	133	83.6	-49.4	-0.67	0.8257	1
Rv2858c	aldC	12	5	128.7	27	-101.7	-2.25	0.7122	1
Rv2859c	-	15	9	1492.8	253.1	-1239.7	-2.56	0.0807	1
Rv2860c	glnA4	24	16	15845.3	16715	869.7	0.08	0.9021	1
Rv2861c	mapB	10	1	0	1.2	1.2	-0.69	1	1
Rv2862c	-	4	2	19.9	2837.2	2817.4	7.16	0.4276	1
Rv2863	-	3	3	1563.8	2135	571.2	0.45	0.6624	1
Rv2864c	-	14	11	2279.5	5384.7	3105.2	1.24	0.1801	1
Rv2865	-	1	1	434.3	60.7	-373.6	-2.84	0.6703	1
Rv2866	-	2	1	469.3	18.3	-451	-4.68	0.343	1
Rv2867c	-	10	6	1139.8	111	-1028.8	-3.36	0.1303	1
Rv2868c	ispG	11	4	12.6	34.7	22.1	1.47	0.9148	1
Rv2869c	-	15	7	25.1	42.1	17	0.75	0.896	1
Rv2870c	dxr	11	3	48.1	57.1	8.9	0.25	0.8233	1
Rv2871	-	7	5	5397.5	2943.9	-2453.6	-0.87	0.4927	1
Rv2872	-	10	9	1483.4	1120.2	-363.2	-0.41	0.6645	1
Rv2873	mpt83	9	6	6363.3	3584.4	-2778.9	-0.83	0.441	1
Rv2874	dipZ	31	19	4140.6	3846.1	-294.5	-0.11	0.8931	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2875	mpt70	6	6	6593.3	9320.2	2727	0.5	0.4453	1
Rv2876	-	1	1	51.9	951.7	899.9	4.2	1	1
Rv2877c	-	16	12	7881.5	8884.4	1003	0.17	0.8546	1
Rv2878c	mpt53	5	4	2756.5	1355.1	-1401.4	-1.02	0.4893	1
Rv2879c	-	8	8	33858.9	12182.8	-21676.1	-1.47	0.03	1
Rv2880c	-	10	8	8474.1	6249.5	-2224.6	-0.44	0.6273	1
Rv2881c	cdsA	8	1	9.4	24.8	15.4	1.39	1	1
Rv2882c	frr	14	4	37.7	0	-37.7	-4.24	0.0718	1
Rv2883c	pyrH	9	2	18.9	0	-18.9	-3.24	0.435	1
Rv2884	-	9	8	6504.3	19731.3	13227	1.6	0.1612	1
Rv2885c	-	14	12	2530.8	6022.2	3491.5	1.25	0.5309	1
Rv2886c	-	15	8	2647.3	3603.9	956.6	0.45	0.6088	1
Rv2887	-	7	5	414.4	581.8	167.4	0.49	0.7093	1
Rv2888c	amiC	26	22	9897.5	8801.4	-1096.1	-0.17	0.88	1
Rv2889c	tsf	7	4	12.6	6.2	-6.4	-1.02	0.4448	1
Rv2890c	rpsB	4	3	12.6	31	18.4	1.3	0.8785	1
Rv2891	-	12	11	2224.5	2043.7	-180.8	-0.12	0.8755	1
Rv2892c	PPE45	13	10	8069	11221.5	3152.5	0.48	0.7156	1
Rv2893	-	5	4	126.3	3048.3	2922	4.59	0.0758	1
Rv2894c	xerC	8	0	0	0	0	0	1	1
Rv2895c	viuB	9	7	3596.1	6551.5	2955.4	0.87	0.4618	1
Rv2896c	-	14	11	3624.6	1447.5	-2177.2	-1.32	0.2605	1
Rv2897c	-	10	3	335.8	116.6	-219.3	-1.53	0.3648	1
Rv2898c	-	2	0	0	0	0	0	1	1
Rv2899c	fdhD	10	3	1983.4	1195.2	-788.2	-0.73	0.7324	1
Rv2900c	fdhF	21	13	3495.8	8076.5	4580.6	1.21	0.624	1
Rv2901c	-	7	6	335.6	575.2	239.7	0.78	0.4532	1
Rv2902c	rnhB	10	7	1767.4	4093.1	2325.7	1.21	0.4984	1
Rv2903c	lepB	12	4	31.4	59.5	28.1	0.92	0.6224	1
Rv2904c	rplS	4	1	3.1	0	-3.1	-0.65	1	1
Rv2905	lppW	14	9	22063	30550.9	8487.9	0.47	0.776	1
Rv2906c	trmD	8	4	37.7	0	-37.7	-4.24	0.0774	1
Rv2907c	rimM	5	3	9.4	12.4	3	0.39	0.8487	1
Rv2908c	-	6	0	0	0	0	0	1	1
Rv2909c	rpsP	6	1	0	22.3	22.3	3.48	1	1
Rv2910c	-	9	8	6359.3	4943.8	-1415.5	-0.36	0.7458	1
Rv2911	dacB2	8	4	2628	828.8	-1799.2	-1.66	0.3045	1
Rv2912c	-	7	6	160.1	207.9	47.8	0.38	0.6852	1
Rv2913c	-	23	16	2882.8	1758.3	-1124.4	-0.71	0.5008	1
Rv2914c	pknI	19	12	7739.3	8158.3	418.9	0.08	0.937	1
Rv2915c	-	11	7	2414.8	471.7	-1943.1	-2.36	0.0843	1
Rv2916c	ffh	6	1	0	8.7	8.7	2.12	1	1
Rv2917	-	21	17	10219.2	9495.3	-723.9	-0.11	0.8952	1
Rv2918c	glnD	21	17	4499	1908.6	-2590.5	-1.24	0.2388	1
Rv2919c	glnB	5	2	31.4	178.5	147.1	2.51	1	1
Rv2920c	amt	13	7	1389.3	662.2	-727.2	-1.07	0.5201	1
Rv2921c	ftsY	9	5	3.1	97.9	94.8	4.96	0.0541	1
Rv2922A	acyP	1	0	0	0	0	0	1	1
Rv2922c	smc	30	12	238.8	134.8	-104.1	-0.83	0.4006	1
Rv2923c	-	4	3	457.7	2194.1	1736.4	2.26	0.2815	1
Rv2924c	fpg	13	13	8396.5	15112.2	6715.7	0.85	0.4546	1
Rv2925c	rnc	9	4	37.7	45.9	8.2	0.28	0.7815	1
Rv2926c	-	3	1	0	18.6	18.6	3.22	1	1
Rv2927c	-	9	5	116.3	12.4	-103.9	-3.23	0.2024	1
Rv2928	tesA	20	10	2599.3	3410.7	811.4	0.39	0.7935	1
Rv2929	-	4	3	814.3	1376.9	562.7	0.76	0.6767	1
Rv2930	fadD26	29	23	12662.3	11445	-1217.3	-0.15	0.8271	1
Rv2931	ppsA	56	38	45715.8	64783.4	19067.7	0.5	0.5887	1
Rv2932	ppsB	57	36	24793	20257.9	-4535.1	-0.29	0.6921	1
Rv2933	ppsC	68	46	33778.9	38057.2	4278.3	0.17	0.7044	1
Rv2934	ppsD	49	33	26358	31372.8	5014.8	0.25	0.7511	1
Rv2935	ppsE	47	38	29229.7	27515.9	-1713.9	-0.09	0.891	1
Rv2936	drrA	11	10	19122.8	12620.3	-6502.5	-0.6	0.3759	1
Rv2937	drrB	20	15	18220.1	13299	-4921.1	-0.45	0.6424	1
Rv2938	drrC	21	20	26936.9	26300	-636.9	-0.03	0.9499	1
Rv2939	papA5	22	18	16549.3	14862.6	-1686.7	-0.16	0.8127	1
Rv2940c	mas	59	50	61185.1	55134	-6051.2	-0.15	0.8248	1
Rv2941	fadD28	36	28	14124	5273.3	-8850.7	-1.42	0.0826	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv2942	mmpL7	29	22	13924.4	34649.7	20725.4	1.32	0.0908	1
Rv2943	-	9	5	4444.6	6169.8	1725.1	0.47	0.6351	1
Rv2943A	-	4	2	299.3	18.6	-280.6	-4	0.3461	1
Rv2944	-	9	6	1403.9	804.3	-599.6	-0.8	0.5194	1
Rv2945c	lppX	8	8	8766.5	10881.5	2115	0.31	0.7589	1
Rv2946c	pks1	41	30	21697.1	29919	8221.8	0.46	0.4583	1
Rv2947c	pks15	16	13	124999.1	146510.2	21511	0.23	0.7372	1
Rv2948c	fadD22	39	34	43847.8	42764.5	-1083.4	-0.04	0.9337	1
Rv2949c	-	16	12	365.1	1476	1110.9	2.02	0.2434	1
Rv2950c	fadD29	28	22	17189.2	21902.9	4713.7	0.35	0.509	1
Rv2951c	-	19	14	3698.7	5903.8	2205.1	0.67	0.4646	1
Rv2952	-	13	9	7473.8	17980.2	10506.4	1.27	0.2765	1
Rv2953	-	19	10	2741.3	4202.6	1461.3	0.62	0.638	1
Rv2954c	-	12	9	7073.4	9441.1	2367.7	0.42	0.5988	1
Rv2955c	-	14	11	7363.4	8103.7	740.3	0.14	0.8999	1
Rv2956	-	14	7	1296.1	3500.7	2204.6	1.43	0.7442	1
Rv2957	-	12	10	9044.2	11854	2809.8	0.39	0.4614	1
Rv2958c	-	21	20	23281.3	24476.2	1194.9	0.07	0.9196	1
Rv2959c	-	20	13	2494.8	1172.6	-1322.2	-1.09	0.4322	1
Rv2960c	-	5	4	2902.6	215.4	-2687.2	-3.75	0.0142	1
Rv2961	-	7	5	9056.9	22421.5	13364.6	1.31	0.4084	1
Rv2962c	-	14	11	7448.6	4564.3	-2884.3	-0.71	0.2828	1
Rv2963	-	19	14	3877.6	1765.1	-2112.5	-1.14	0.3398	1
Rv2964	purU	17	9	3301.8	2172.2	-1129.6	-0.6	0.627	1
Rv2965c	coaD	2	1	0	21.1	21.1	3.4	1	1
Rv2966c	-	5	4	45	35.3	-9.7	-0.35	0.7544	1
Rv2967c	pca	49	24	770.5	188.3	-582.3	-2.03	0.2573	1
Rv2968c	-	9	7	56.6	16.1	-40.5	-1.81	0.4295	1
Rv2969c	-	9	5	56.6	26	-30.5	-1.12	0.9084	1
Rv2970A	-	3	3	2852.8	478.4	-2374.4	-2.58	0.5255	1
Rv2970c	lipN	14	7	1494.2	911.2	-583	-0.71	0.4429	1
Rv2971	-	13	7	119.4	147.5	28.1	0.3	0.8217	1
Rv2972c	-	10	6	3559.1	4784	1225	0.43	0.7043	1
Rv2973c	recG	17	8	505.1	216.8	-288.4	-1.22	0.3077	1
Rv2974c	-	17	13	6422.7	7209.6	786.9	0.17	0.907	1
Rv2975c	-	2	1	203	2230.9	2028	3.46	0.6681	1
Rv2976c	ung	7	2	1623.8	575.2	-1048.6	-1.5	0.1699	1
Rv2977c	thiL	5	1	25.1	0	-25.1	-3.65	1	1
Rv2978c	-	11	5	67.6	16.3	-51.3	-2.05	0.1719	1
Rv2979c	-	6	6	1805.8	633.7	-1172.1	-1.51	0.189	1
Rv2980	-	4	2	3.1	2.5	-0.7	-0.34	1	1
Rv2981c	ddl	12	7	37.7	6.2	-31.5	-2.61	0.4878	1
Rv2982c	gpsA	5	4	758.1	805	46.9	0.09	0.9574	1
Rv2983	-	4	1	0	3.7	3.7	0.89	1	1
Rv2984	ppk	27	12	69.1	106.3	37.1	0.62	0.5129	1
Rv2985	mutT1	15	10	1013.4	5288.7	4275.4	2.38	0.4984	1
Rv2986c	hupB	7	3	34.6	11.2	-23.4	-1.63	0.7217	1
Rv2987c	leuD	8	1	0	1.2	1.2	-0.69	1	1
Rv2988c	leuC	11	3	0	45.9	45.9	4.52	0.1215	1
Rv2989	-	6	1	3.1	0	-3.1	-0.65	1	1
Rv2990c	-	13	7	13446.7	5634.9	-7811.8	-1.25	0.5379	1
Rv2991	-	5	4	960.4	822.1	-138.3	-0.22	0.7879	1
Rv2992c	gltX	14	6	37.7	40.9	3.2	0.12	0.9144	1
Rv2993c	-	5	3	186.4	1354.2	1167.8	2.86	0.8192	1
Rv2994	-	15	8	1809.2	1585.2	-223.9	-0.19	0.8938	1
Rv2995c	leuB	8	4	84.9	96.7	11.8	0.19	0.8774	1
Rv2996c	serA1	10	4	15.7	26	10.3	0.73	0.6412	1
Rv2997	-	13	8	836.1	2733	1896.8	1.71	0.7221	1
Rv2998	-	4	2	30.3	1258.4	1228.1	5.38	0.1393	1
Rv2998A	-	1	0	0	0	0	0	1	1
Rv2999	lppY	9	4	46.6	11526.1	11479.5	7.95	0.2443	1
Rv3000	-	6	2	648.5	301.3	-347.2	-1.11	0.5745	1
Rv3001c	ilvC	9	2	15.7	0	-15.7	-2.97	0.4286	1
Rv3002c	ilvH	4	1	0	2.5	2.5	0.31	1	1
Rv3003c	ilvB1	12	5	44	75.3	31.3	0.77	0.5213	1
Rv3004	cfp6	3	1	661.7	80	-581.7	-3.05	0.3331	1
Rv3005c	-	17	12	2464.1	5684.1	3220	1.21	0.2228	1
Rv3006	lppZ	15	10	135.1	153.7	18.6	0.19	0.8801	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3007c	-	8	6	9730.5	4430.7	-5299.8	-1.13	0.3094	1
Rv3008	-	12	10	9816.7	6304.5	-3512.2	-0.64	0.5564	1
Rv3009c	gatB	15	6	50.3	54.5	4.3	0.12	0.924	1
Rv3010c	pfkA	6	6	1100.8	397.2	-703.6	-1.47	0.4051	1
Rv3011c	gatA	19	8	113.1	102.9	-10.3	-0.14	0.866	1
Rv3012c	gatC	0	0	0	0	0	0	1	1
Rv3013	-	3	2	3349.8	10695.7	7345.9	1.67	0.9449	1
Rv3014c	ligA	8	4	47.1	55.8	8.6	0.24	0.6392	1
Rv3015c	-	7	4	564.5	893.1	328.6	0.66	0.9701	1
Rv3016	lpqA	8	7	4494.4	5754.4	1260	0.36	0.7606	1
Rv3017c	esxQ	5	4	383.8	1047.2	663.4	1.45	0.807	1
Rv3018A	PE27A	0	0	0	0	0	0	1	1
Rv3018c	PPE46	22	12	5361.2	4581.8	-779.4	-0.23	0.7981	1
Rv3019c	esxR	6	4	6595.9	5533	-1062.9	-0.25	0.7667	1
Rv3020c	esxS	5	3	105.9	11.4	-94.5	-3.22	0.1542	1
Rv3021c	PPE47	19	7	3681.7	2366.7	-1315	-0.64	0.6798	1
Rv3022A	PE29	6	6	3981.1	6911.6	2930.5	0.8	0.8682	1
Rv3022c	PPE48	5	5	8150.2	7713.3	-437	-0.08	0.9296	1
Rv3023c	-	13	11	17630.3	15766.6	-1863.7	-0.16	0.7485	1
Rv3024c	trmU	11	4	273	17.2	-255.8	-3.99	0.3481	1
Rv3025c	iscS	13	1	0	1.2	1.2	-0.69	1	1
Rv3026c	-	8	8	3509.7	4569.3	1059.7	0.38	0.6895	1
Rv3027c	-	14	9	4646.1	6079.7	1433.6	0.39	0.7251	1
Rv3028c	fixB	7	5	53.4	19.8	-33.6	-1.43	0.6654	1
Rv3029c	fixA	5	1	31.4	1.2	-30.2	-4.66	1	1
Rv3030	-	9	2	9.4	17.4	7.9	0.88	1	1
Rv3031	-	17	5	37.7	29.7	-8	-0.34	0.8181	1
Rv3032	-	6	3	0	9.9	9.9	2.31	0.1764	1
Rv3033	-	2	2	540.5	3	-537.5	-7.48	0.4288	1
Rv3034c	-	9	5	84.9	39.7	-45.2	-1.1	0.663	1
Rv3035	-	9	5	3.1	66.9	63.8	4.41	0.0221	1
Rv3036c	TB22.2	14	14	13281.5	17040.4	3758.9	0.36	0.6709	1
Rv3037c	-	11	9	2643.2	765.3	-1877.8	-1.79	0.3041	1
Rv3038c	-	6	4	9.4	26	16.6	1.47	0.8723	1
Rv3039c	echA17	7	3	20	1.2	-18.8	-4.01	0.7253	1
Rv3040c	-	10	5	1808.8	2729.5	920.7	0.59	0.7484	1
Rv3041c	-	7	4	298.7	947	648.3	1.66	0.5835	1
Rv3042c	serB2	9	2	56.6	13.6	-42.9	-2.05	1	1
Rv3043c	ctaD	19	12	59.7	74.4	14.7	0.32	0.7431	1
Rv3044	fecB	10	6	98.4	13.6	-84.8	-2.85	0.3011	1
Rv3045	adhC	15	11	3200.4	1268.5	-1931.9	-1.34	0.255	1
Rv3046c	-	1	1	15.7	0.9	-14.8	-4.14	1	1
Rv3047c	-	5	4	1961.3	1629.9	-331.4	-0.27	0.815	1
Rv3048c	nrdF	21	9	72.3	71.9	-0.4	-0.01	0.9979	1
Rv3049c	-	24	21	28744.8	29867.9	1123.1	0.06	0.9412	1
Rv3050c	-	6	5	6393.8	7632.5	1238.7	0.26	0.7825	1
Rv3051c	nrdE	37	14	160.3	61.6	-98.6	-1.38	0.3947	1
Rv3052c	nrdI	11	4	12.6	24.8	12.2	0.98	0.9501	1
Rv3053c	nrdH	5	4	9.4	89.2	79.8	3.24	0.1559	1
Rv3054c	-	4	3	4237.6	724.1	-3513.4	-2.55	0.1731	1
Rv3055	-	4	2	85.9	13.3	-72.6	-2.69	0.8835	1
Rv3056	dinP	16	11	4650.7	3584.8	-1065.9	-0.38	0.6242	1
Rv3057c	-	15	13	4997.4	2536	-2461.4	-0.98	0.1862	1
Rv3058c	-	9	7	1681.5	336.1	-1345.4	-2.32	0.2306	1
Rv3059	cyp136	17	15	12815.4	24045	11229.6	0.91	0.2708	1
Rv3060c	-	21	15	30679.8	22053.3	-8626.5	-0.48	0.6381	1
Rv3061c	fadE22	16	12	3134.8	5154.1	2019.3	0.72	0.5718	1
Rv3062	ligB	13	6	1730.1	1246.5	-483.6	-0.47	0.9379	1
Rv3063	cstA	23	20	20125	6960.8	-13164.2	-1.53	0.0474	1
Rv3064c	-	7	6	9973	5344.7	-4628.3	-0.9	0.36	1
Rv3065	mmr	6	4	262.8	18.6	-244.2	-3.82	0.8975	1
Rv3066	-	8	5	499.6	371.1	-128.5	-0.43	0.7501	1
Rv3067	-	5	3	4721	911.9	-3809.1	-2.37	0.0934	1
Rv3068c	pgmA	23	18	6908	14768.5	7860.6	1.1	0.3267	1
Rv3069	ccrB	3	3	490	737.3	247.3	0.59	0.5559	1
Rv3070	ccrB	5	5	1407.9	2007.5	599.6	0.51	0.7585	1
Rv3071	-	9	5	752.1	328.8	-423.3	-1.19	0.3157	1
Rv3072c	-	8	7	21611.3	17828	-3783.3	-0.28	0.8281	1

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Rv3073c	-	3	3	73	1730.7	1657.7	4.57	0.2544	1
Rv3074	-	12	10	6864.7	6237	-627.7	-0.14	0.8645	1
Rv3075c	-	9	5	10380.9	11524.4	1143.5	0.15	0.9143	1
Rv3076	-	5	4	2412	4098.4	1686.4	0.76	0.522	1
Rv3077	-	28	21	8784.3	24388.1	15603.8	1.47	0.6491	1
Rv3078	hab	5	2	48.1	629.7	581.5	3.71	1	1
Rv3079c	-	13	10	2970.7	21311.4	18340.7	2.84	0.0089	1
Rv3080c	pknK	21	16	2971.9	8746.4	5774.6	1.56	0.3892	1
Rv3081	-	13	8	650.5	201.9	-448.6	-1.69	0.2578	1
Rv3082c	virS	16	10	4499	8662.8	4163.8	0.95	0.3652	1
Rv3083	-	21	16	9970.5	3156	-6814.5	-1.66	0.086	1
Rv3084	lipR	11	9	31423	6208.6	-25214.4	-2.34	0.1641	1
Rv3085	-	3	1	257.6	587.8	330.2	1.19	1	1
Rv3086	adhD	6	5	2804.1	182.5	-2621.6	-3.94	0.1224	1
Rv3087	-	9	7	2674.4	3327.1	652.7	0.32	0.7095	1
Rv3088	-	10	7	3884	4654.2	770.1	0.26	0.8155	1
Rv3089	fadD13	17	15	3927.5	1412.9	-2514.6	-1.47	0.0783	1
Rv3090	-	6	6	3247.6	7452.8	4205.1	1.2	0.4177	1
Rv3091	-	13	11	8540.1	3740.1	-4800	-1.19	0.3761	1
Rv3092c	-	8	6	15337.3	11586.7	-3750.6	-0.4	0.7512	1
Rv3093c	-	11	5	3827.6	3828	0.3	0	0.9992	1
Rv3094c	-	10	8	9681.2	5963.9	-3717.3	-0.7	0.4489	1
Rv3095	-	5	4	6510.1	3772.1	-2738	-0.79	0.3046	1
Rv3096	-	10	9	10680.1	4708.3	-5971.9	-1.18	0.1445	1
Rv3097c	PE_PGRS63	20	17	19295.2	13748.4	-5546.8	-0.49	0.397	1
Rv3098c	-	7	6	422	456.4	34.4	0.11	0.9487	1
Rv3099c	-	5	4	3239.3	333.6	-2905.7	-3.28	0.1461	1
Rv3100c	smpB	2	0	0	0	0	0	1	1
Rv3101c	ftsX	12	7	69.1	84.3	15.2	0.29	0.8346	1
Rv3102c	ftsE	6	4	94.3	16.1	-78.2	-2.55	0.4633	1
Rv3103c	-	6	5	4878.4	986.5	-3892	-2.31	0.2785	1
Rv3104c	-	8	7	5204	6069.4	865.3	0.22	0.8759	1
Rv3105c	prfB	15	6	84.9	101.6	16.8	0.26	0.847	1
Rv3106	fprA	15	10	2820.1	4271.6	1451.4	0.6	0.4756	1
Rv3107c	agpS	20	14	4255.9	4834.8	578.9	0.18	0.866	1
Rv3108	-	5	3	34.6	15.1	-19.4	-1.19	0.5843	1
Rv3109	moaA1	30	15	3451.4	6077.8	2626.4	0.82	0.4241	1
Rv3110	moaB1	8	5	3671.3	8341.4	4670.1	1.18	0.3733	1
Rv3111	moaC	12	11	3169.2	1206.5	-1962.7	-1.39	0.1068	1
Rv3112	moaD1	5	2	22	342.7	320.7	3.96	0.6325	1
Rv3113	-	7	4	90.4	170.4	80	0.91	0.7829	1
Rv3114	-	5	5	456.9	39.3	-417.5	-3.54	0.2767	1
Rv3115	-	13	10	17128.6	15496.5	-1632.2	-0.14	0.7802	1
Rv3116	moeB2	20	14	24962.3	6642.8	-18319.5	-1.91	0.2215	1
Rv3117	cysA3	10	10	4849	14704.6	9855.7	1.6	0.0939	1
Rv3118	sseC1	1	1	2480.4	1913.9	-566.5	-0.37	1	1
Rv3119	moaE1	8	7	4623.9	9590.5	4966.7	1.05	0.5557	1
Rv3120	-	9	8	5282.7	7005.7	1723	0.41	0.5723	1
Rv3121	cyp141	18	13	15902.9	7705.3	-8197.6	-1.05	0.1004	1
Rv3122	-	5	4	2006.5	4452.7	2446.3	1.15	0.1175	1
Rv3123	-	4	3	1220.3	2540.7	1320.4	1.06	0.7059	1
Rv3124	-	23	14	1537.3	2009.9	472.6	0.39	0.7585	1
Rv3125c	PPE49	19	13	9556.9	13020	3463	0.45	0.6652	1
Rv3126c	-	1	0	0	0	0	0	1	1
Rv3127	-	14	7	369.1	1228.6	859.5	1.73	0.9717	1
Rv3129	-	4	4	1432.2	219.9	-1212.3	-2.7	0.2933	1
Rv3130c	-	20	8	674.8	89.7	-585.1	-2.91	0.0141	1
Rv3131	-	13	5	1035.9	1334.5	298.6	0.37	0.5662	1
Rv3132c	devS	22	8	2352.6	3106.3	753.8	0.4	0.6898	1
Rv3133c	devR	10	5	621.1	179.1	-442	-1.79	0.3476	1
Rv3134c	-	4	3	1299.2	7614	6314.8	2.55	0.1885	1
Rv3135	PPE50	7	7	349.4	2624.2	2274.7	2.91	0.4706	1
Rv3136	PPE51	15	11	2969.7	421.6	-2548.1	-2.82	0.0429	1
Rv3137	-	6	0	0	0	0	0	1	1
Rv3138	pflA	16	13	9427.3	5883.8	-3543.5	-0.68	0.5194	1
Rv3139	fadE24	18	5	88	52.1	-35.9	-0.76	0.6077	1
Rv3140	fadE23	16	2	28.3	0	-28.3	-3.82	0.4329	1
Rv3141	fadB4	11	3	349.7	253	-96.7	-0.47	0.7473	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3142c	-	8	7	9574.4	11292.1	1717.8	0.24	0.8818	1
Rv3143	-	4	3	122.6	59.2	-63.4	-1.05	0.3197	1
Rv3144c	PPE52	14	11	2848.8	4641.7	1792.8	0.7	0.6211	1
Rv3145	nuoA	7	5	346.1	69.2	-277	-2.32	0.3031	1
Rv3146	nuoB	6	3	608.2	24.5	-583.7	-4.63	0.3629	1
Rv3147	nuoC	10	5	219.8	157.4	-62.5	-0.48	0.4953	1
Rv3148	nuoD	18	7	24	18.9	-5.1	-0.35	0.7132	1
Rv3149	nuoE	8	7	298	19.4	-278.6	-3.94	0.0424	1
Rv3150	nuoF	21	14	395.1	172.7	-222.4	-1.19	0.3469	1
Rv3151	nuoG	24	9	654.7	351.3	-303.4	-0.9	0.5005	1
Rv3152	nuoH	21	14	587	1141.6	554.6	0.96	0.6677	1
Rv3153	nuoI	18	11	767.7	144.3	-623.4	-2.41	0.0764	1
Rv3154	nuoJ	8	3	60.7	126.4	65.7	1.06	0.9527	1
Rv3155	nuoK	4	1	0	0.9	0.9	-1.16	1	1
Rv3156	nuoL	24	14	746.4	2749.8	2003.4	1.88	0.3118	1
Rv3157	nuoM	23	8	440.7	485.6	44.9	0.14	0.9719	1
Rv3158	nuoN	25	20	1525.2	2043.8	518.6	0.42	0.8823	1
Rv3159c	PPE53	21	14	10955	10048.1	-906.9	-0.12	0.8406	1
Rv3160c	-	6	3	257	153.1	-103.8	-0.75	0.6021	1
Rv3161c	-	15	7	630.4	969.8	339.4	0.62	0.6036	1
Rv3162c	-	5	2	33.4	10.7	-22.8	-1.65	0.8846	1
Rv3163c	-	13	9	6333.8	2420.4	-3913.4	-1.39	0.3117	1
Rv3164c	moxR3	10	5	5198.1	699.8	-4498.2	-2.89	0.0917	1
Rv3165c	-	1	1	299.3	7.5	-291.8	-5.32	0.3269	1
Rv3166c	-	10	6	2017.7	429.3	-1588.4	-2.23	0.3263	1
Rv3167c	-	8	3	663.8	558.2	-105.7	-0.25	0.8154	1
Rv3168	-	14	4	66	177.9	111.9	1.43	0.875	1
Rv3169	-	13	5	243	85.1	-157.9	-1.51	0.2795	1
Rv3170	aofH	10	4	1756.8	720.9	-1035.9	-1.29	0.3133	1
Rv3171c	hpx	9	4	1310.8	68.2	-1242.6	-4.26	0.2732	1
Rv3172c	-	13	11	3965.9	2961.9	-1004	-0.42	0.7509	1
Rv3173c	-	5	1	0	0.9	0.9	-1.16	1	1
Rv3174	-	9	6	256.7	138.9	-117.8	-0.89	0.4845	1
Rv3175	-	15	10	12358.4	6387.7	-5970.7	-0.95	0.4394	1
Rv3176c	mesT	10	6	1065.4	2809.5	1744.1	1.4	0.3493	1
Rv3177	-	5	1	17.7	239.8	222.1	3.76	1	1
Rv3178	-	6	2	1695.7	6122.4	4426.7	1.85	0.5113	1
Rv3179	-	12	10	10571.9	8070.5	-2501.4	-0.39	0.7472	1
Rv3180c	-	4	4	1425.4	310.9	-1114.5	-2.2	0.2614	1
Rv3181c	-	5	3	462.4	967.8	505.4	1.07	0.7237	1
Rv3182	-	1	0	0	0	0	0	1	1
Rv3183	-	2	1	1279.7	15	-1264.7	-6.42	0.3309	1
Rv3184	-	3	3	1324.5	1568.8	244.3	0.24	0.8026	1
Rv3185	-	17	16	7016.3	6311.5	-704.9	-0.15	0.7844	1
Rv3186	-	3	3	1287.4	1525.4	238	0.24	0.8105	1
Rv3187	-	17	15	7080.5	6353.2	-727.3	-0.16	0.7708	1
Rv3188	-	4	2	84.3	40.3	-44	-1.07	0.2866	1
Rv3189	-	7	6	1162.2	3086.6	1924.3	1.41	0.9667	1
Rv3190c	-	19	13	8669.2	14053.7	5384.5	0.7	0.4031	1
Rv3191c	-	11	9	3089.8	2985.3	-104.5	-0.05	0.9553	1
Rv3192	-	4	3	585.7	1809.8	1224.1	1.63	0.2126	1
Rv3193c	-	65	18	135.1	85.5	-49.6	-0.66	0.6232	1
Rv3194c	-	9	8	1414.6	1223	-191.6	-0.21	0.8335	1
Rv3195	-	13	10	2129.5	5458.6	3329.1	1.36	0.2952	1
Rv3196	-	7	6	6913.2	9288.5	2375.3	0.43	0.8547	1
Rv3196A	-	1	1	466.9	527.3	60.5	0.18	1	1
Rv3197	-	13	9	2938.4	6431	3492.5	1.13	0.42	1
Rv3197A	whiB7	3	3	74.1	127.4	53.3	0.78	0.5596	1
Rv3198A	-	5	5	6159.4	11508.1	5348.7	0.9	0.3398	1
Rv3198c	uvrD2	27	5	18880.6	33774.5	14893.9	0.84	0.4929	1
Rv3199c	nudC	7	5	1466.7	1738.8	272.1	0.25	0.8365	1
Rv3200c	-	9	7	3492.5	2126.6	-1365.9	-0.72	0.5088	1
Rv3201c	-	26	10	397.1	685.6	288.5	0.79	0.5075	1
Rv3202c	-	21	12	995.8	11613.9	10618.1	3.54	0.5168	1
Rv3203	lipV	9	5	254.3	633.2	378.9	1.32	0.5481	1
Rv3204	-	3	2	159	4.8	-154.2	-5.05	0.4345	1
Rv3205c	-	10	2	160.3	3.7	-156.6	-5.43	0.4318	1
Rv3206c	moeB1	17	4	50.3	0	-50.3	-4.65	0.0735	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3207c	-	13	5	39.7	0	-39.7	-4.31	0.0101	1
Rv3208	-	8	1	3.1	0	-3.1	-0.65	1	1
Rv3208A	TB9.4	3	2	342.3	244.2	-98.1	-0.49	0.5441	1
Rv3209	-	7	6	17463.8	16667.9	-795.9	-0.07	0.949	1
Rv3210c	-	8	4	6.3	12.4	6.1	0.98	0.5978	1
Rv3211	rhlE	20	6	113.1	44.6	-68.5	-1.34	0.3735	1
Rv3212	-	14	6	50.3	60.4	10.1	0.26	0.8646	1
Rv3213c	-	7	7	3449.3	2612	-837.3	-0.4	0.7977	1
Rv3214	gpm2	10	7	2121.2	835.7	-1285.5	-1.34	0.4129	1
Rv3215	entC	13	5	50.3	22.3	-28	-1.17	0.8412	1
Rv3216	-	4	4	2748.8	4318.7	1569.9	0.65	0.5946	1
Rv3217c	-	3	3	810.7	561.6	-249.1	-0.53	0.707	1
Rv3218	-	15	10	5798	4542.5	-1255.5	-0.35	0.6501	1
Rv3219	whiB1	3	0	0	0	0	0	1	1
Rv3220c	-	15	10	4897	2680.9	-2216.1	-0.87	0.5047	1
Rv3221A	-	2	1	0	6.2	6.2	1.63	1	1
Rv3221c	TB7.3	2	0	0	0	0	0	1	1
Rv3222c	-	6	1	0	28.5	28.5	3.83	1	1
Rv3223c	sigH	13	9	1405.1	4960.9	3555.9	1.82	0.2945	1
Rv3224	-	13	10	8281.5	12077	3795.5	0.54	0.3931	1
Rv3224A	-	2	1	82.6	9.3	-73.3	-3.15	0.3407	1
Rv3224B	-	3	2	4.1	209.7	205.5	5.66	1	1
Rv3225c	-	16	9	7105.7	1530.6	-5575.1	-2.21	0.0466	1
Rv3226c	-	4	3	3594.2	2645	-949.3	-0.44	0.6438	1
Rv3227	aroA	5	1	0	23.6	23.6	3.56	1	1
Rv3228	-	4	1	0	21.1	21.1	3.4	1	1
Rv3229c	-	18	9	41.9	66.1	24.3	0.66	0.539	1
Rv3230c	-	12	7	91.1	36.8	-54.3	-1.31	0.3657	1
Rv3231c	-	5	3	2670.4	522.5	-2147.9	-2.35	0.1872	1
Rv3232c	pvdS	19	17	12321.5	11996.5	-325	-0.04	0.9378	1
Rv3233c	-	11	8	8249.7	18577.4	10327.7	1.17	0.0582	1
Rv3234c	-	13	9	13811.6	5898.9	-7912.6	-1.23	0.0629	1
Rv3235	-	4	4	147.9	3359.3	3211.4	4.51	0.0734	1
Rv3236c	-	8	5	1066.4	2174.1	1107.7	1.03	0.4978	1
Rv3237c	-	6	4	345.7	1201	855.3	1.8	0.316	1
Rv3238c	-	13	12	7489.6	11990.9	4501.3	0.68	0.4898	1
Rv3239c	-	46	38	105414.6	102384.4	-3030.2	-0.04	0.9544	1
Rv3240c	secA1	36	12	56.6	49.2	-7.3	-0.2	0.9299	1
Rv3241c	-	8	8	4793	3989.1	-804	-0.26	0.7397	1
Rv3242c	-	4	3	1241.2	1155.7	-85.5	-0.1	0.9086	1
Rv3243c	-	3	2	1224.4	55.3	-1169.1	-4.47	0.1999	1
Rv3244c	lpqB	16	7	28.3	40.9	12.6	0.53	0.7473	1
Rv3245c	mtrB	16	4	9.4	60.7	51.3	2.69	0.2498	1
Rv3246c	mtrA	9	3	50.3	11.2	-39.1	-2.17	1	1
Rv3247c	tmk	8	3	9.4	1.2	-8.2	-2.93	0.4548	1
Rv3248c	sahH	15	6	88	28.5	-59.5	-1.63	0.4562	1
Rv3249c	-	10	7	275.1	903.3	628.2	1.72	0.9666	1
Rv3250c	rubB	1	1	59.7	0	-59.7	-4.9	1	1
Rv3251c	rubA	2	2	185.3	11.1	-174.2	-4.07	0.2873	1
Rv3252c	alkB	24	20	14818.3	9667.3	-5151	-0.62	0.3748	1
Rv3253c	-	14	11	2154.3	3212.5	1058.1	0.58	0.534	1
Rv3254	-	15	10	6692.4	11585	4892.6	0.79	0.2967	1
Rv3255c	manA	16	4	9.4	17.4	7.9	0.88	0.5872	1
Rv3256c	-	7	4	2656.1	60.5	-2595.7	-5.46	0.0509	1
Rv3257c	manB	18	8	75.4	39.7	-35.8	-0.93	0.4601	1
Rv3258c	-	2	0	0	0	0	0	1	1
Rv3259	-	1	1	41.9	116.7	74.8	1.48	0.6632	1
Rv3260c	whiB2	2	1	0	6.2	6.2	1.63	1	1
Rv3261	fbiA	11	4	36.1	9.9	-26.2	-1.87	0.4694	1
Rv3262	fbiB	10	4	116.3	7.4	-108.8	-3.97	0.0777	1
Rv3263	-	20	16	19667.4	14584.4	-5083	-0.43	0.5016	1
Rv3264c	manB	12	8	25.1	63.2	38.1	1.33	0.4746	1
Rv3265c	wbbL1	12	4	15.7	33.5	17.8	1.09	0.707	1
Rv3266c	rmlD	13	4	9.4	31.9	22.5	1.76	0.5921	1
Rv3267	-	16	1	0	24.8	24.8	3.63	1	1
Rv3268	-	13	12	7247	6096.8	-1150.3	-0.25	0.7393	1
Rv3269	-	4	0	0	0	0	0	1	1
Rv3270	ctpC	11	5	69.1	14.9	-54.3	-2.22	0.1366	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3271c	-	5	0	0	0	0	0	1	1
Rv3272	-	16	12	26888	27783.4	895.4	0.05	0.9551	1
Rv3273	-	24	15	3986.9	5392.1	1405.3	0.44	0.8362	1
Rv3274c	fadE25	12	3	75.4	563	487.6	2.9	1	1
Rv3275c	purE	4	1	0	5	5	1.31	1	1
Rv3276c	purK	7	2	44	0	-44	-4.46	0.4223	1
Rv3277	-	11	5	22	12	-10	-0.87	0.5977	1
Rv3278c	-	6	4	1145.7	594.6	-551	-0.95	0.2502	1
Rv3279c	birA	4	1	12.6	0	-12.6	-2.65	1	1
Rv3280	accD5	25	12	201.1	69.4	-131.7	-1.53	0.2186	1
Rv3281	-	2	2	22	9.9	-12.1	-1.15	1	1
Rv3282	maf	11	4	260.7	149.9	-110.8	-0.8	0.7462	1
Rv3283	sseA	12	5	15.7	63.8	48	2.02	0.2986	1
Rv3284	-	5	3	109.6	7.8	-101.7	-3.81	0.1553	1
Rv3285	accA3	19	8	69.1	68.2	-1	-0.02	0.9768	1
Rv3286c	sigF	8	7	1402.2	2565.3	1163	0.87	0.3724	1
Rv3287c	rsbW	2	2	603	46.9	-556.1	-3.68	0.2539	1
Rv3288c	usfY	6	5	4134.7	2114.1	-2020.6	-0.97	0.4105	1
Rv3289c	-	5	4	5074.2	1934.6	-3139.7	-1.39	0.1865	1
Rv3290c	lat	15	12	9556.8	11157	1600.2	0.22	0.8137	1
Rv3291c	-	7	5	116.9	1395.5	1278.7	3.58	0.1991	1
Rv3292	-	14	12	5461.8	2476	-2985.8	-1.14	0.6118	1
Rv3293	pcd	10	9	5526.8	1638.5	-3888.3	-1.75	0.2934	1
Rv3294c	-	15	12	4135.7	3910.3	-225.4	-0.08	0.9284	1
Rv3295	-	11	9	12956.4	13493.8	537.4	0.06	0.9327	1
Rv3296	lhr	41	30	26755.6	21717.3	-5038.3	-0.3	0.7266	1
Rv3297	nei	5	5	2599.1	5991.7	3392.6	1.2	0.6277	1
Rv3298c	lpqC	7	6	5912.8	11477.5	5564.7	0.96	0.6754	1
Rv3299c	atsB	40	23	11373.4	13841.9	2468.6	0.28	0.7342	1
Rv3300c	-	8	4	764.5	2859.1	2094.6	1.9	0.8406	1
Rv3301c	phoY1	5	3	177.7	1578.1	1400.4	3.15	0.4447	1
Rv3302c	glpD2	25	9	103.7	71.9	-31.8	-0.53	0.9546	1
Rv3303c	lpdA	14	5	797.9	2048.6	1250.6	1.36	0.7299	1
Rv3304	-	5	3	9.4	80.2	70.8	3.09	0.5752	1
Rv3305c	amiA1	15	7	493.8	33.7	-460.2	-3.87	0.056	1
Rv3306c	amiB1	14	6	650.5	9.6	-640.9	-6.08	0.0313	1
Rv3307	deoD	8	7	709.4	1994.6	1285.2	1.49	0.2907	1
Rv3308	pmmB	16	11	3715.1	8260.2	4545.1	1.15	0.535	1
Rv3309c	upp	7	3	1538.4	6263.1	4724.7	2.03	0.4349	1
Rv3310	-	9	6	6730.3	6466.1	-264.2	-0.06	0.947	1
Rv3311	-	10	9	9364.3	27926.7	18562.4	1.58	0.2326	1
Rv3312A	-	4	3	9389.7	4539.1	-4850.6	-1.05	0.1303	1
Rv3312c	-	13	9	32052.2	40276.8	8224.5	0.33	0.8194	1
Rv3313c	add	8	5	890.4	254.6	-635.8	-1.81	0.518	1
Rv3314c	deoA	7	6	5391.2	5200.4	-190.7	-0.05	0.9541	1
Rv3315c	cdd	2	2	841	558.9	-282.1	-0.59	0.7261	1
Rv3316	sdhC	5	5	3055.4	3631.7	576.2	0.25	0.773	1
Rv3317	sdhD	2	2	6.3	1387.1	1380.8	7.79	0.4306	1
Rv3318	sdhA	22	17	12093.8	10516.6	-1577.2	-0.2	0.7853	1
Rv3319	sdhB	8	4	1096.1	7137.6	6041.5	2.7	0.6993	1
Rv3320c	-	4	2	81.7	1381.7	1300	4.08	0.8791	1
Rv3321c	-	2	0	0	0	0	0	1	1
Rv3322c	-	6	4	2107.9	7190.4	5082.5	1.77	0.2902	1
Rv3323c	moaX	11	11	5588.9	9150.4	3561.5	0.71	0.8869	1
Rv3324c	moaC	9	7	16689.4	8942.9	-7746.5	-0.9	0.4284	1
Rv3325	-	3	3	1235.4	1572.7	337.4	0.35	0.7082	1
Rv3326	-	17	16	6926.5	6123.1	-803.4	-0.18	0.746	1
Rv3327	-	16	16	5248.7	7144.9	1896.2	0.44	0.4778	1
Rv3328c	sigJ	11	4	5329.7	5688.1	358.4	0.09	0.9238	1
Rv3329	-	15	12	2074.9	2671.3	596.3	0.36	0.7897	1
Rv3330	dacB1	14	13	7591.3	12928.4	5337.1	0.77	0.4639	1
Rv3331	sugI	20	13	13532.1	15757	2224.9	0.22	0.7829	1
Rv3332	nagA	4	3	85.9	1551.9	1466	4.18	1	1
Rv3333c	-	9	6	3991.5	7417.5	3426	0.89	0.4724	1
Rv3334	-	8	6	6733.7	12642.6	5909	0.91	0.5972	1
Rv3335c	-	7	3	400	1302.6	902.6	1.7	0.9458	1
Rv3336c	trpS	10	1	6.3	0	-6.3	-1.65	1	1
Rv3337	-	8	4	1284.4	2105.9	821.5	0.71	0.5464	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3338	-	4	3	961.6	0.9	-960.7	-10.07	0.189	1
Rv3339c	icd1	17	12	8193.2	6038.3	-2154.9	-0.44	0.6693	1
Rv3340	metC	13	9	811.5	4141.8	3330.3	2.35	0.7156	1
Rv3341	metX	12	5	84.9	22.3	-62.5	-1.93	0.6682	1
Rv3342	-	6	3	1136.4	134.9	-1001.5	-3.07	0.4556	1
Rv3343c	PPE54	110	69	48624.8	50116.3	1491.5	0.04	0.9114	1
Rv3344c	PE_PGRS49	5	3	424.6	2679.9	2255.4	2.66	0.6309	1
Rv3345c	PE_PGRS50	37	18	6769	13487.7	6718.7	0.99	0.6369	1
Rv3346c	-	3	2	2516	1243.9	-1272.1	-1.02	0.3505	1
Rv3347c	PPE55	80	70	67958.2	58864	-9094.2	-0.21	0.4742	1
Rv3348	-	2	1	1	0	-1	1	1	1
Rv3349c	-	2	2	118.9	168.1	49.2	0.5	0.8858	1
Rv3350c	PPE56	94	78	73049	70609.7	-2439.4	-0.05	0.8715	1
Rv3351c	-	11	10	27416.7	26345.6	-1071.1	-0.06	0.954	1
Rv3352c	-	1	1	113.3	0	-113.3	-5.82	0.3378	1
Rv3353c	-	3	2	5188.8	7496.9	2308	0.53	0.6253	1
Rv3354	-	5	5	920.8	1039.5	118.7	0.17	0.8714	1
Rv3355c	-	3	2	783.7	554.9	-228.8	-0.5	1	1
Rv3356c	folD	6	1	0	85.5	85.5	5.42	1	1
Rv3357	-	4	3	501.9	473.3	-28.6	-0.08	0.8795	1
Rv3358	-	2	2	51	703.7	652.7	3.79	0.9517	1
Rv3359	-	16	14	5535.1	9831.2	4296.1	0.83	0.375	1
Rv3360	-	2	2	562	1084.4	522.5	0.95	0.8107	1
Rv3361c	-	4	1	0	8.7	8.7	2.12	1	1
Rv3362c	-	6	3	77.6	101.5	24	0.39	0.8167	1
Rv3363c	-	4	2	19.3	73	53.7	1.92	0.7945	1
Rv3364c	-	4	2	365.6	77.7	-287.8	-2.23	0.3384	1
Rv3365c	-	24	18	5814.5	8920	3105.6	0.62	0.5484	1
Rv3366	spoU	4	1	51.9	2874.1	2822.3	5.79	0.3316	1
Rv3367	PE_PGRS51	16	12	2588.9	2385.6	-203.4	-0.12	0.894	1
Rv3368c	-	7	6	1188.4	2365.6	1177.2	0.99	0.8925	1
Rv3369	-	5	5	673.7	1224.3	550.6	0.86	0.6069	1
Rv3370c	dnaE2	26	18	6793.5	6820.9	27.4	0.01	0.9917	1
Rv3371	-	18	5	607.4	38.8	-568.6	-3.97	0.233	1
Rv3372	otsB2	8	2	15.7	2.5	-13.2	-2.66	1	1
Rv3373	echA18	2	1	213.7	39.7	-174	-2.43	1	1
Rv3374	echA18.1	2	1	0	185.9	185.9	6.54	1	1
Rv3375	amiD	18	10	822.4	2653.1	1830.7	1.69	0.4715	1
Rv3376	-	7	6	1586.3	943.7	-642.6	-0.75	0.5345	1
Rv3377c	-	45	23	4735.5	3419.4	-1316.1	-0.47	0.7029	1
Rv3378c	-	31	11	996.4	2794	1797.7	1.49	0.4178	1
Rv3379c	dxs2	23	16	22603.4	15619.9	-6983.4	-0.53	0.6222	1
Rv3380c	-	17	16	8050.1	7865.7	-184.4	-0.03	0.9549	1
Rv3381c	-	3	3	1295.4	1450.2	154.8	0.16	0.9018	1
Rv3382c	lytB1	8	5	13153.7	6758.3	-6395.4	-0.96	0.4442	1
Rv3383c	idsB	15	12	74742.8	85312.4	10569.6	0.19	0.6856	1
Rv3384c	-	2	2	1038.3	2870	1831.8	1.47	1	1
Rv3385c	-	1	1	99.9	1132.3	1032.5	3.5	0.336	1
Rv3386	-	6	3	2602.1	2336.3	-265.9	-0.16	0.8807	1
Rv3387	-	4	2	160.4	0.9	-159.5	-7.49	0.4287	1
Rv3388	PE_PGRS52	14	11	1839.4	6589	4749.6	1.84	0.2194	1
Rv3389c	-	5	5	1741.9	411.2	-1330.7	-2.08	0.461	1
Rv3390	lpqD	10	8	15346.7	8457.7	-6889	-0.86	0.2457	1
Rv3391	acrA1	25	21	14970.2	13427.1	-1543.1	-0.16	0.8528	1
Rv3392c	cmaA1	9	4	81.7	17.6	-64.2	-2.22	0.5189	1
Rv3393	iunH	9	8	2054	11700.6	9646.5	2.51	0.0964	1
Rv3394c	-	8	6	1248.5	3491.1	2242.5	1.48	0.6987	1
Rv3395A	-	7	3	27	5.5	-21.5	-2.29	1	1
Rv3395c	-	3	1	3.1	198.3	195.2	5.98	1	1
Rv3396c	guaA	11	3	31.4	14.9	-16.6	-1.08	0.7045	1
Rv3397c	phyA	13	10	1227.1	1207.4	-19.7	-0.02	0.9814	1
Rv3398c	idsA1	6	3	1488.3	40.9	-1447.4	-5.19	0.1827	1
Rv3399	-	13	8	1260.8	1572.5	311.7	0.32	0.8357	1
Rv3400	-	10	6	1059.3	1724.3	665	0.7	0.6037	1
Rv3401	-	28	17	15558.3	8989.6	-6568.7	-0.79	0.1278	1
Rv3402c	-	20	18	12679.2	11017.8	-1661.3	-0.2	0.6945	1
Rv3403c	-	18	16	13889.9	17867.5	3977.6	0.36	0.5192	1
Rv3404c	-	7	7	2529.5	3055.8	526.4	0.27	0.7344	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3405c	-	6	5	2017.6	1029.6	-988	-0.97	0.5878	1
Rv3406	-	11	10	3912.4	6252.7	2340.3	0.68	0.4908	1
Rv3407	-	2	2	1648.2	2438.7	790.5	0.57	0.8367	1
Rv3408	-	6	5	2904.8	6869.1	3964.4	1.24	0.379	1
Rv3409c	choD	15	11	1990.1	3968.5	1978.4	1	0.8098	1
Rv3410c	guaB3	10	3	6.3	5	-1.3	-0.34	1	1
Rv3411c	guaB2	9	5	94.3	55.8	-38.5	-0.76	0.6317	1
Rv3412	-	7	6	4760.7	8825.8	4065.1	0.89	0.9698	1
Rv3413c	-	4	3	2439.8	1751.9	-687.9	-0.48	0.5769	1
Rv3414c	sigD	5	4	229	5177.9	4948.9	4.5	0.9807	1
Rv3415c	-	6	4	426.8	2533.3	2106.5	2.57	0.1873	1
Rv3416	whiB3	3	2	113.1	2854.4	2741.3	4.66	0.2057	1
Rv3417c	groEL	12	6	1570.5	658.7	-911.8	-1.25	0.401	1
Rv3418c	groES	4	1	0	1.2	1.2	-0.69	1	1
Rv3419c	gcp	12	5	1518.6	888.4	-630.2	-0.77	0.6716	1
Rv3420c	rimI	10	6	1178.1	3472.9	2294.8	1.56	0.3315	1
Rv3421c	-	9	5	454.7	2156	1701.3	2.25	0.9835	1
Rv3422c	-	3	1	3.1	275.7	272.6	6.46	1	1
Rv3423c	alr	15	1	0	9.9	9.9	2.31	1	1
Rv3424c	-	6	6	5969.2	2586.5	-3382.8	-1.21	0.6467	1
Rv3425	PPE57	14	12	5792.8	4037.8	-1755	-0.52	0.4735	1
Rv3426	PPE58	21	13	1686.4	289.4	-1397	-2.54	0.0218	1
Rv3427c	-	6	6	3103.4	8851.3	5747.9	1.51	0.7528	1
Rv3428c	-	13	7	1500.8	581.1	-919.7	-1.37	0.5214	1
Rv3429	PPE59	19	17	13122.8	10328	-2794.8	-0.35	0.6138	1
Rv3430c	-	16	13	5572	5666.6	94.5	0.02	0.9712	1
Rv3431c	-	7	5	2112.7	2207	94.3	0.06	0.9297	1
Rv3432c	gadB	17	16	13000.7	17876.6	4875.9	0.46	0.7005	1
Rv3433c	-	7	3	328.4	1135.1	806.7	1.79	0.4101	1
Rv3434c	-	10	9	1174.2	1163.4	-10.8	-0.01	0.9902	1
Rv3435c	-	10	8	10610.7	8474.9	-2135.8	-0.32	0.8167	1
Rv3436c	glmS	23	5	66	24.8	-41.2	-1.41	0.6058	1
Rv3437	-	6	5	2484.2	1999.4	-484.7	-0.31	0.7309	1
Rv3438	-	9	2	22	9.9	-12.1	-1.15	0.7119	1
Rv3439c	-	5	4	6756.4	7407.2	650.8	0.13	0.8865	1
Rv3440c	-	2	1	6.3	395.4	389.1	5.98	1	1
Rv3441c	mrsA	13	4	0	12.4	12.4	2.63	0.0421	1
Rv3442c	rpsI	6	1	0	1.2	1.2	-0.69	1	1
Rv3443c	rplM	5	0	0	0	0	0	1	1
Rv3444c	esxT	1	1	6.3	273.9	267.7	5.45	1	1
Rv3445c	esxU	2	1	40.9	4.6	-36.2	-3.15	1	1
Rv3446c	-	12	10	14613.2	11470.7	-3142.5	-0.35	0.7018	1
Rv3447c	-	40	15	2767.3	8933.3	6166	1.69	0.1133	1
Rv3448	-	20	10	5342.5	5087.7	-254.8	-0.07	0.9639	1
Rv3449	mycP4	15	10	2148.6	3594.4	1445.8	0.74	0.701	1
Rv3450c	-	11	7	6824.3	1923.9	-4900.4	-1.83	0.2628	1
Rv3451	cut3	12	9	7405.2	3705.1	-3700.1	-1	0.3085	1
Rv3452	cut4	5	5	2632.1	3552.8	920.7	0.43	0.7529	1
Rv3453	-	6	3	2177.9	4604.7	2426.8	1.08	0.1587	1
Rv3454	-	20	13	12987.4	9837.8	-3149.6	-0.4	0.6844	1
Rv3455c	truA	8	1	0	5	5	1.31	1	1
Rv3456c	rplQ	6	0	0	0	0	0	1	1
Rv3457c	rpoA	9	2	0	52.1	52.1	4.7	0.4245	1
Rv3458c	rpsD	9	4	3.1	17.4	14.2	2.47	0.1287	1
Rv3459c	rpsK	1	0	0	0	0	0	1	1
Rv3460c	rpsM	6	2	9.4	0	-9.4	-2.24	0.4284	1
Rv3461c	rpmJ	1	0	0	0	0	0	1	1
Rv3462c	infA	3	0	0	0	0	0	1	1
Rv3463	-	15	11	6415.9	3692.4	-2723.5	-0.8	0.2308	1
Rv3464	rmlB	15	2	0	19.8	19.8	3.31	0.4231	1
Rv3465	rmlC	8	0	0	0	0	0	1	1
Rv3466	-	5	3	25.1	784.9	759.8	4.96	0.0114	1
Rv3467	-	13	11	5520.6	6109.6	589	0.15	0.8336	1
Rv3468c	-	13	6	2122.1	3188.4	1066.3	0.59	0.5331	1
Rv3469c	mhpE	9	7	2821.4	5731.2	2909.9	1.02	0.8282	1
Rv3470c	ilvB2	13	8	4494	4120.3	-373.7	-0.13	0.8954	1
Rv3471c	-	6	5	3682.6	1818.9	-1863.7	-1.02	0.384	1
Rv3472	-	10	8	3850.9	1688.3	-2162.6	-1.19	0.4737	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3473c	bpoA	7	6	9972	3317.8	-6654.2	-1.59	0.1905	1
Rv3474	-	3	3	1266.2	1635.5	369.3	0.37	0.6587	1
Rv3475	-	19	17	7158.5	6552	-606.4	-0.13	0.8156	1
Rv3476c	kgtP	27	24	11205	10498.4	-706.7	-0.09	0.8982	1
Rv3477	PE31	3	3	148.7	312.6	163.9	1.07	0.8752	1
Rv3478	PPE60	12	10	10617.8	10204.5	-413.3	-0.06	0.9363	1
Rv3479	-	26	17	5980.3	5062.7	-917.6	-0.24	0.7521	1
Rv3480c	-	24	16	8551.6	2447.9	-6103.6	-1.8	0.1136	1
Rv3481c	-	6	4	2053.1	841.7	-1211.4	-1.29	0.6796	1
Rv3482c	-	7	5	15804.8	12068.8	-3736	-0.39	0.6228	1
Rv3483c	-	7	7	9719.5	10897.5	1178	0.17	0.8282	1
Rv3484	cpsA	21	19	20994.9	17530.5	-3464.4	-0.26	0.7333	1
Rv3485c	-	9	7	6402	9125	2723	0.51	0.8094	1
Rv3486	-	4	4	2575.1	850.7	-1724.4	-1.6	0.0487	1
Rv3487c	lipF	10	9	22485.1	15104.6	-7380.5	-0.57	0.3234	1
Rv3488	-	4	3	61.9	441.2	379.4	2.83	0.7028	1
Rv3489	-	1	1	3.1	0	-3.1	-0.65	1	1
Rv3490	otsA	26	5	50.3	168.6	118.3	1.75	0.4328	1
Rv3491	-	8	5	1933.9	2663.3	729.4	0.46	0.7208	1
Rv3492c	-	7	5	3948.7	770	-3178.7	-2.36	0.5056	1
Rv3493c	-	8	7	2583.5	3928.5	1345	0.6	0.4967	1
Rv3494c	mce4F	15	12	3588.7	8104.8	4516.2	1.18	0.731	1
Rv3495c	lprN	9	8	3812.7	4882.2	1069.4	0.36	0.6968	1
Rv3496c	mce4D	19	14	6573.6	6760.6	187	0.04	0.9586	1
Rv3497c	mce4C	8	7	4063.4	5476.1	1412.6	0.43	0.6262	1
Rv3498c	mce4B	10	6	4770.4	8523.7	3753.3	0.84	0.6409	1
Rv3499c	mce4A	21	18	7592.3	10505.7	2913.3	0.47	0.4919	1
Rv3500c	yrbE4B	15	13	30280.8	30440.2	159.3	0.01	0.9915	1
Rv3501c	yrbE4A	7	6	6911.3	5670.6	-1240.7	-0.29	0.7814	1
Rv3502c	fabG	10	5	3474.9	12891.4	9416.5	1.89	0.4295	1
Rv3503c	fdxD	2	2	629.4	2919.6	2290.2	2.21	0.6811	1
Rv3504	fadE26	16	14	4497.1	4689.1	192	0.06	0.9174	1
Rv3505	fadE27	9	4	321.6	4.6	-316.9	-6.12	0.0134	1
Rv3506	fadD17	18	11	9686.2	12421.5	2735.2	0.36	0.7166	1
Rv3507	PE_PGRS53	34	13	6391.7	4815.3	-1576.4	-0.41	0.7425	1
Rv3508	PE_PGRS54	24	6	2196	949.6	-1246.4	-1.21	0.6767	1
Rv3509c	ilvX	17	12	7405.3	13352.8	5947.5	0.85	0.2699	1
Rv3510c	-	12	12	4005.2	3566	-439.1	-0.17	0.8381	1
Rv3511	PE_PGRS55	22	15	4384.1	8575.2	4191.1	0.97	0.4513	1
Rv3512	PE_PGRS56	24	12	4606.1	1112.5	-3493.7	-2.05	0.1669	1
Rv3513c	fadD18	10	8	5438.9	6892.3	1453.4	0.34	0.6971	1
Rv3514	PE_PGRS57	22	8	1207.1	606.9	-600.2	-0.99	0.3417	1
Rv3515c	fadD19	22	15	7215.8	11649	4433.2	0.69	0.3299	1
Rv3516	echA19	7	4	1016	387.2	-628.8	-1.39	0.6693	1
Rv3517	-	13	8	1576.6	1970.4	393.8	0.32	0.7994	1
Rv3518c	cyp142	10	4	1519.5	314.6	-1204.9	-2.27	0.0684	1
Rv3519	-	9	5	5564.8	4440.2	-1124.6	-0.33	0.7234	1
Rv3520c	-	12	8	5650.6	4128.7	-1521.9	-0.45	0.5274	1
Rv3521	-	11	9	4038	5345.4	1307.4	0.4	0.6067	1
Rv3522	ltp4	14	11	1923	4331.5	2408.5	1.17	0.3631	1
Rv3523	ltp3	12	7	1829.5	268.6	-1560.9	-2.77	0.2006	1
Rv3524	-	14	12	36030.7	60846.7	24816	0.76	0.5211	1
Rv3525c	-	8	6	4225	1902	-2323	-1.15	0.3086	1
Rv3526	-	15	10	4350.4	5425	1074.6	0.32	0.664	1
Rv3527	-	5	4	282.1	1564	1281.9	2.47	0.8506	1
Rv3528c	-	28	3	1365.3	550.5	-814.7	-1.31	0.4332	1
Rv3529c	-	21	7	864.8	21.5	-843.3	-5.33	0.0086	1
Rv3530c	-	16	8	391	5098.7	4707.7	3.7	0.0722	1
Rv3531c	-	20	13	3705.9	9344.8	5638.9	1.33	0.1954	1
Rv3532	PPE61	16	15	17924.4	32616.6	14692.3	0.86	0.4805	1
Rv3533c	PPE62	15	9	5656.1	7362.1	1706	0.38	0.7051	1
Rv3534c	-	5	4	817.2	291.6	-525.6	-1.49	0.4453	1
Rv3535c	-	9	8	2645.5	1135.8	-1509.7	-1.22	0.5208	1
Rv3536c	-	6	4	1833.7	96	-1737.7	-4.26	0.0268	1
Rv3537	-	26	9	11518.8	12498.8	980	0.12	0.8861	1
Rv3538	-	10	1	3.1	0	-3.1	-0.65	1	1
Rv3539	PPE63	22	13	2726.2	953.1	-1773	-1.52	0.1439	1
Rv3540c	ltp2	15	3	11.3	339.5	328.2	4.91	0.392	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3541c	-	6	2	150.4	106.5	-43.9	-0.5	0.7468	1
Rv3542c	-	12	7	3802	4224.6	422.7	0.15	0.8552	1
Rv3543c	fadE29	13	6	1325.5	315.9	-1009.6	-2.07	0.6073	1
Rv3544c	fadE28	15	11	28397.4	22528.5	-5868.9	-0.33	0.7068	1
Rv3545c	cyp125	16	12	3609.4	3944.9	335.6	0.13	0.8696	1
Rv3546	fadA5	4	3	2038.9	3020.2	981.3	0.57	0.5394	1
Rv3547	-	9	9	4788.6	6675.6	1887	0.48	0.6718	1
Rv3548c	-	6	6	2016.4	1565.9	-450.5	-0.36	0.9532	1
Rv3549c	-	8	6	544.6	2992.4	2447.8	2.46	0.8769	1
Rv3550	echA20	3	1	3.1	0	-3.1	-0.65	1	1
Rv3551	-	10	6	512.3	684.6	172.3	0.42	0.6912	1
Rv3552	-	8	3	167	192.1	25.1	0.2	0.8635	1
Rv3553	-	5	3	575.1	9.6	-565.5	-5.9	0.8302	1
Rv3554	fdxB	21	15	10843.6	4153.3	-6690.3	-1.38	0.0585	1
Rv3555c	-	9	5	5809.1	3193.8	-2615.2	-0.86	0.5055	1
Rv3556c	fadA6	10	6	251.3	1297.6	1046.3	2.37	0.2382	1
Rv3557c	-	14	9	731.4	3225.6	2494.2	2.14	0.1243	1
Rv3558	PPE64	12	10	2698	1091.7	-1606.4	-1.31	0.2652	1
Rv3559c	-	6	6	1529.7	6031.7	4502	1.98	0.8998	1
Rv3560c	fadE30	11	7	752.9	626.5	-126.5	-0.27	0.7887	1
Rv3561	fadD3	7	6	481	679.1	198.1	0.5	0.6343	1
Rv3562	fadE31	11	2	6.1	105	98.8	4.09	0.4023	1
Rv3563	fadE32	9	6	6618.5	1379.9	-5238.5	-2.26	0.0966	1
Rv3564	fadE33	9	4	2979.7	3096.3	116.6	0.06	0.948	1
Rv3565	aspB	13	4	78.4	19.3	-59.1	-2.02	0.4566	1
Rv3566A	-	3	2	472	260.5	-211.5	-0.86	0.6555	1
Rv3566c	nat	11	6	1670.5	733.4	-937.1	-1.19	0.3039	1
Rv3567c	-	7	3	144.4	1405.5	1261.1	3.28	0.4184	1
Rv3568c	bphC	10	3	3002	2481.2	-520.8	-0.27	0.8759	1
Rv3569c	bphD	9	4	72.3	478.5	406.2	2.73	0.9847	1
Rv3570c	-	16	10	4441	1178.5	-3262.5	-1.91	0.1552	1
Rv3571	hmp	10	7	1691.3	948.6	-742.7	-0.83	0.675	1
Rv3572	-	5	4	2087.7	625.8	-1461.9	-1.74	0.3828	1
Rv3573c	fadE34	16	8	2313.3	116.6	-2196.6	-4.31	0.0087	1
Rv3574	-	10	4	44	38.8	-5.2	-0.18	0.8661	1
Rv3575c	-	13	10	9743.8	15471	5727.2	0.67	0.7157	1
Rv3576	lppH	7	6	724.1	34.8	-689.3	-4.38	0.0072	1
Rv3577	-	11	6	2527	2231.2	-295.7	-0.18	0.8836	1
Rv3578	arsB2	9	8	4692.9	4383.3	-309.6	-0.1	0.9433	1
Rv3579c	-	9	2	44	0	-44	-4.46	0.4284	1
Rv3580c	cysS	21	1	0	14.9	14.9	2.89	1	1
Rv3581c	ispF	4	1	3.1	0	-3.1	-0.65	1	1
Rv3582c	ispD	9	0	0	0	0	0	1	1
Rv3583c	-	5	0	0	0	0	0	1	1
Rv3584	lpqE	3	1	339.4	397.1	57.7	0.23	1	1
Rv3585	radA	14	8	4366.9	22123.1	17756.2	2.34	0.4426	1
Rv3586	-	11	4	1191.2	1762.1	570.9	0.56	0.8857	1
Rv3587c	-	10	2	0	17.4	17.4	3.12	0.4341	1
Rv3588c	-	6	2	0	3.7	3.7	0.89	0.4276	1
Rv3589	mutY	12	9	3558	2870.1	-687.9	-0.31	0.797	1
Rv3590c	PE_PGRS58	14	7	67	1015.9	948.9	3.92	0.1126	1
Rv3591c	-	10	4	94.3	3.9	-90.4	-4.59	0.1971	1
Rv3592	TB11.2	2	1	177	953.2	776.2	2.43	0.3383	1
Rv3593	lpqF	12	1	0	11.2	11.2	2.48	1	1
Rv3594	-	9	6	2023.3	2606	582.7	0.37	0.7822	1
Rv3595c	PE_PGRS59	11	5	260.8	776.9	516.1	1.57	0.5552	1
Rv3596c	clpC1	21	4	6.3	32.2	25.9	2.36	0.6373	1
Rv3597c	lsr2	3	1	0	3.7	3.7	0.89	1	1
Rv3598c	lysS	26	2	40.9	1.2	-39.6	-5.04	1	1
Rv3599c	-	1	0	0	0	0	0	1	1
Rv3600c	-	12	9	5549.4	499.6	-5049.7	-3.47	0.0051	1
Rv3601c	panD	7	0	0	0	0	0	1	1
Rv3602c	panC	9	0	0	0	0	0	1	1
Rv3603c	-	10	7	5298.8	2507.3	-2791.4	-1.08	0.2715	1
Rv3604c	-	12	0	0	0	0	0	1	1
Rv3605c	-	4	4	1380.9	1184.4	-196.5	-0.22	0.7553	1
Rv3606c	folK	4	2	97.3	158.8	61.5	0.71	0.7069	1
Rv3607c	folB	5	2	98.3	112.7	14.4	0.2	0.7734	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3608c	folP1	6	0	0	0	0	0	1	1
Rv3609c	folE	9	1	0	8.7	8.7	2.12	1	1
Rv3610c	ftsH	23	5	88	115.5	27.5	0.39	0.9646	1
Rv3611	-	0	0	0	0	0	0	1	1
Rv3612c	-	2	1	81	4.5	-76.5	-4.18	0.3371	1
Rv3613c	-	0	0	0	0	0	0	1	1
Rv3614c	-	7	6	3685	2710.7	-974.3	-0.44	0.5545	1
Rv3615c	-	9	7	7081.9	6295.7	-786.2	-0.17	0.8324	1
Rv3616c	-	9	6	3070.1	3369.4	299.4	0.13	0.8967	1
Rv3617	ephA	15	13	22884.7	20218.9	-2665.8	-0.18	0.7874	1
Rv3618	-	18	12	4497.4	4125	-372.4	-0.12	0.8828	1
Rv3619c	esxV	3	3	1488.8	2477.1	988.3	0.73	0.5609	1
Rv3620c	esxW	2	2	167	154.9	-12.1	-0.11	0.8304	1
Rv3621c	PPE65	10	9	4440.3	8630.5	4190.1	0.96	0.4424	1
Rv3622c	PE32	4	3	2248.2	4244	1995.9	0.92	0.3204	1
Rv3623	lpqG	5	4	1794.3	3847.5	2053.2	1.1	0.504	1
Rv3624c	hpt	9	0	0	0	0	0	1	1
Rv3625c	mesJ	6	0	0	0	0	0	1	1
Rv3626c	-	10	5	1456.2	865	-591.2	-0.75	0.546	1
Rv3627c	-	11	1	9.4	0	-9.4	-2.24	1	1
Rv3628	ppa	8	1	0	2.5	2.5	0.31	1	1
Rv3629c	-	12	12	9266.2	4760.5	-4505.7	-0.96	0.2592	1
Rv3630	-	21	9	505.1	772.7	267.6	0.61	0.6826	1
Rv3631	-	2	1	358.4	19.8	-338.6	-4.18	0.341	1
Rv3632	-	5	5	1316.5	4748	3431.5	1.85	0.1889	1
Rv3633	-	12	10	6115.5	5729.3	-386.2	-0.09	0.8824	1
Rv3634c	galE1	17	1	6.3	0	-6.3	-1.65	1	1
Rv3635	-	20	2	12.6	1.2	-11.3	-3.34	1	1
Rv3636	-	3	0	0	0	0	0	1	1
Rv3637	-	4	1	655.1	24.4	-630.7	-4.75	0.3391	1
Rv3638	-	9	6	1650.5	1566.3	-84.1	-0.08	0.9532	1
Rv3639c	-	8	4	3312.6	4925	1612.4	0.57	0.7229	1
Rv3640c	-	12	10	2928.9	8544.6	5615.7	1.54	0.3482	1
Rv3641c	fic	7	6	1759.6	2599.2	839.7	0.56	0.7542	1
Rv3642c	-	2	1	4660.1	6121.9	1461.8	0.39	1	1
Rv3643	-	5	3	2027.2	13.2	-2014	-7.26	0.0264	1
Rv3644c	-	11	0	0	0	0	0	1	1
Rv3645	-	19	1	15.7	0	-15.7	-2.97	1	1
Rv3646c	topA	38	0	0	0	0	0	1	1
Rv3647c	-	7	4	371	2370.4	1999.4	2.68	0.9625	1
Rv3648c	cspA	4	0	0	0	0	0	1	1
Rv3649	-	26	12	5445.9	5696.1	250.2	0.06	0.9421	1
Rv3650	PE33	3	1	666	1733.5	1067.5	1.38	0.6617	1
Rv3651	-	12	4	1186.1	22.2	-1163.9	-5.74	0.1968	1
Rv3652	PE_PGRS60	4	3	1251.2	3579.2	2328	1.52	0.9228	1
Rv3653	PE_PGRS61	4	2	795.4	6.9	-788.4	-6.84	0.4204	1
Rv3654c	-	0	0	0	0	0	0	1	1
Rv3655c	-	4	2	56.6	0	-56.6	-4.82	0.4372	1
Rv3656c	-	3	2	95	3	-92	-4.97	1	1
Rv3657c	-	5	3	665.8	958.2	292.4	0.53	0.7952	1
Rv3658c	-	7	4	57.6	1494	1436.5	4.7	0.2093	1
Rv3659c	-	5	3	822.9	1180.1	357.1	0.52	0.7296	1
Rv3660c	-	6	2	1233.1	11.4	-1221.7	-6.76	0.7056	1
Rv3661	-	11	9	2989.7	1760.6	-1229.1	-0.76	0.455	1
Rv3662c	-	3	0	0	0	0	0	1	1
Rv3663c	dppD	20	6	4085.7	5794.2	1708.5	0.5	0.7363	1
Rv3664c	dppC	11	2	868.9	79.5	-789.5	-3.45	0.7141	1
Rv3665c	dppB	12	5	2701.1	1305.6	-1395.5	-1.05	0.614	1
Rv3666c	dppA	19	5	172.1	155.3	-16.8	-0.15	0.8723	1
Rv3667	acs	30	19	19169.4	20444	1274.5	0.09	0.9061	1
Rv3668c	-	6	5	624.1	3597.7	2973.5	2.53	0.3541	1
Rv3669	-	3	1	0	3.7	3.7	0.89	1	1
Rv3670	ephE	10	1	2	0	-2	0	1	1
Rv3671c	-	10	0	0	0	0	0	1	1
Rv3672c	-	6	2	700.8	1.2	-699.6	-9.14	0.4309	1
Rv3673c	-	5	0	0	0	0	0	1	1
Rv3674c	nth	7	5	1026.4	2028.4	1002	0.98	0.8564	1
Rv3675	-	3	3	4209.8	1558.7	-2651.1	-1.43	0.2463	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3676	-	2	2	1	1.2	0.2	0.31	1	1
Rv3677c	-	9	4	2598.1	1811.1	-787	-0.52	0.619	1
Rv3678A	-	1	1	866.5	757.8	-108.8	-0.19	1	1
Rv3678c	-	4	2	865.2	1.2	-864	-9.45	0.2538	1
Rv3679	-	11	3	75.1	262.9	187.7	1.81	0.8782	1
Rv3680	-	17	4	136	37.4	-98.6	-1.86	0.2827	1
Rv3681c	whiB4	4	3	50.3	8.4	-41.9	-2.59	0.1739	1
Rv3682	ponA2	31	12	79.6	121.5	41.9	0.61	0.6215	1
Rv3683	-	11	8	2179.2	5203.9	3024.7	1.26	0.2871	1
Rv3684	-	14	9	3849.5	2526.2	-1323.4	-0.61	0.5881	1
Rv3685c	cyp137	14	8	2097	7468.2	5371.2	1.83	0.1905	1
Rv3686c	-	4	4	7195.5	8115.9	920.4	0.17	0.9072	1
Rv3687c	rsfB	4	2	474	11.1	-462.9	-5.42	0.2044	1
Rv3688c	-	4	4	837.7	2215.7	1378	1.4	0.3886	1
Rv3689	-	23	14	6552.1	14940.9	8388.8	1.19	0.0554	1
Rv3690	-	9	5	106.7	10.5	-96.2	-3.34	0.1291	1
Rv3691	-	11	8	2298.8	3123.6	824.8	0.44	0.7558	1
Rv3692	moxR2	12	7	704.8	668.8	-36.1	-0.08	0.8759	1
Rv3693	-	11	6	3604.1	9804.9	6200.8	1.44	0.4021	1
Rv3694c	-	12	8	2527.7	1141.8	-1385.8	-1.15	0.6511	1
Rv3695	-	9	5	2550.1	3317.6	767.5	0.38	0.8213	1
Rv3696c	glpK	22	10	224.1	25.2	-198.9	-3.15	0.0704	1
Rv3697c	-	8	7	6240.7	2003.1	-4237.7	-1.64	0.2339	1
Rv3698	-	30	19	3670	3295.6	-374.4	-0.16	0.8757	1
Rv3699	-	8	6	274.7	1102.8	828.1	2.01	0.371	1
Rv3700c	-	11	6	4705.5	7223	2517.4	0.62	0.7738	1
Rv3701c	-	9	3	95.3	3.9	-91.4	-4.6	0.3846	1
Rv3702c	-	7	1	2941.6	47.3	-2894.3	-5.96	0.6581	1
Rv3703c	-	14	10	6540	6686.6	146.6	0.03	0.9723	1
Rv3704c	gshA	11	8	2840.1	8429.7	5589.6	1.57	0.6055	1
Rv3705A	-	4	3	1188.4	448.1	-740.3	-1.41	0.3502	1
Rv3705c	-	5	4	179.6	5.4	-174.2	-5.07	0.089	1
Rv3706c	-	3	3	6044.6	2533.4	-3511.1	-1.25	0.2765	1
Rv3707c	-	12	11	10785.8	18081.8	7296	0.75	0.5428	1
Rv3708c	asd	8	0	0	0	0	0	1	1
Rv3709c	ask	10	1	6.3	0	-6.3	-1.65	1	1
Rv3710	leuA	22	7	37.7	59.5	21.8	0.66	0.711	1
Rv3711c	dnaQ	12	10	2265.2	5016.3	2751.1	1.15	0.8617	1
Rv3712	-	6	0	0	0	0	0	1	1
Rv3713	cobQ2	8	3	4.1	12.4	8.3	1.58	0.7268	1
Rv3714c	-	10	9	13549.3	19894.2	6344.9	0.55	0.426	1
Rv3715c	recR	3	0	0	0	0	0	1	1
Rv3716c	-	3	2	2	648.3	646.3	8.34	0.2569	1
Rv3717	-	9	6	2510.1	676.1	-1834	-1.89	0.2931	1
Rv3718c	-	4	1	3.1	628.4	625.3	7.64	1	1
Rv3719	-	24	12	924.5	1453	528.5	0.65	0.6551	1
Rv3720	-	27	19	5975.4	3886.3	-2089	-0.62	0.5125	1
Rv3721c	dnaZX	18	3	0	25.7	25.7	3.68	0.0659	1
Rv3722c	-	22	4	18.9	8.7	-10.2	-1.12	1	1
Rv3723	-	8	8	27304.9	32970.6	5665.8	0.27	0.7485	1
Rv3724A	cut5a	2	1	79.1	2.1	-77	-5.21	0.3307	1
Rv3724B	cut5b	15	12	6481.1	2385.8	-4095.3	-1.44	0.1599	1
Rv3725	-	7	5	3207.2	11768.3	8561.1	1.88	0.3134	1
Rv3726	-	12	8	8393.1	2342.1	-6051	-1.84	0.2312	1
Rv3727	-	30	28	18774.6	28240.8	9466.2	0.59	0.1754	1
Rv3728	-	20	17	7935.5	9887.4	1951.9	0.32	0.6456	1
Rv3729	-	22	18	9541.7	19379.1	9837.3	1.02	0.2167	1
Rv3730c	-	15	11	7458.7	10625.3	3166.6	0.51	0.8701	1
Rv3731	ligC	14	11	7666	6150.4	-1515.7	-0.32	0.677	1
Rv3732	-	13	10	5400	17552.1	12152.1	1.7	0.2357	1
Rv3733c	-	3	2	4170.2	6823.7	2653.6	0.71	0.6512	1
Rv3734c	-	16	15	16190.1	30442.3	14252.2	0.91	0.2067	1
Rv3735	-	5	5	1474.5	762	-712.5	-0.95	0.3908	1
Rv3736	-	13	12	17841.9	13740.5	-4101.4	-0.38	0.6973	1
Rv3737	-	13	8	646.7	3275.5	2628.8	2.34	0.2971	1
Rv3738c	PPE66	11	7	4415.1	1347.7	-3067.3	-1.71	0.2075	1
Rv3739c	PPE67	4	3	2963.2	3438.6	475.4	0.21	0.7421	1
Rv3740c	-	13	13	18309.3	23138.3	4829.1	0.34	0.5801	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3741c	-	5	4	901	310.2	-590.8	-1.54	0.2515	1
Rv3742c	-	5	4	4185.6	2394.8	-1790.8	-0.81	0.4389	1
Rv3743c	ctpJ	23	16	7046.4	8275.8	1229.3	0.23	0.7654	1
Rv3744	-	6	4	1873.5	2006.9	133.5	0.1	0.9972	1
Rv3745c	-	2	2	587.1	7.8	-579.3	-6.23	0.1759	1
Rv3746c	PE34	5	3	1983.1	362.6	-1620.5	-2.45	0.1629	1
Rv3747	-	3	2	3057.2	3827.3	770.1	0.32	0.8552	1
Rv3748	-	4	4	1538.2	1329.8	-208.5	-0.21	0.8435	1
Rv3749c	-	11	11	7014.6	7780.6	765.9	0.15	0.8778	1
Rv3750c	-	5	5	4927.9	5271.9	343.9	0.1	0.8896	1
Rv3751	-	1	1	4120.5	424.2	-3696.3	-3.28	0.3358	1
Rv3752c	-	2	0	0	0	0	0	1	1
Rv3753c	-	4	0	0	0	0	0	1	1
Rv3754	tyrA	8	3	18.9	7.4	-11.4	-1.34	0.7214	1
Rv3755c	-	9	5	331.4	1203.5	872.1	1.86	0.1687	1
Rv3756c	proZ	11	7	8044.3	5837.4	-2206.9	-0.46	0.6573	1
Rv3757c	proW	12	7	2991.9	4766.5	1774.6	0.67	0.6655	1
Rv3758c	proV	11	7	689	1808.4	1119.4	1.39	0.928	1
Rv3759c	proX	11	7	5000.5	6812.6	1812.1	0.45	0.616	1
Rv3760	-	5	5	1908.2	246.5	-1661.7	-2.95	0.1351	1
Rv3761c	fadE36	14	7	2061.3	1758.9	-302.5	-0.23	0.8639	1
Rv3762c	-	23	19	7609.9	22809.9	15200	1.58	0.0753	1
Rv3763	lpqH	6	3	444	730	286.1	0.72	0.9672	1
Rv3764c	-	10	2	97.4	1.2	-96.2	-6.3	0.4259	1
Rv3765c	-	11	11	18259.8	5574	-12685.8	-1.71	0.5324	1
Rv3766	-	13	9	391.4	544.1	152.6	0.48	0.5991	1
Rv3767c	-	12	6	21933.7	16167.7	-5766	-0.44	0.592	1
Rv3768	-	8	5	1780.6	4134.6	2354	1.22	0.6344	1
Rv3769	-	1	1	196.6	21	-175.6	-3.23	1	1
Rv3770A	-	2	1	915.1	23.5	-891.6	-5.28	0.3335	1
Rv3770B	-	2	1	467.5	5.5	-462	-6.41	0.3363	1
Rv3770c	-	1	1	10678.3	7716.2	-2962.1	-0.47	1	1
Rv3771c	-	2	1	119.4	890	770.6	2.9	1	1
Rv3772	hisC2	16	10	4942.1	2341.9	-2600.2	-1.08	0.1972	1
Rv3773c	-	7	7	1002.8	4593.9	3591.1	2.2	0.4253	1
Rv3774	echA21	9	8	1271.4	1271.8	0.4	0	0.9993	1
Rv3775	lipE	17	14	17590.2	14501.3	-3088.9	-0.28	0.7414	1
Rv3776	-	15	11	3877.3	3496.3	-381	-0.15	0.8944	1
Rv3777	-	13	10	2823	5404.9	2581.9	0.94	0.2759	1
Rv3778c	-	11	2	12.6	6.2	-6.4	-1.02	1	1
Rv3779	-	29	19	2971.5	6214.1	3242.6	1.06	0.4987	1
Rv3780	-	6	1	0	1.2	1.2	-0.69	1	1
Rv3781	rfbE	7	2	22	0	-22	-3.46	0.4302	1
Rv3782	-	12	1	1	0	-1	1	1	1
Rv3783	rfbD	7	0	0	0	0	0	1	1
Rv3784	-	22	19	21295.2	24008.4	2713.2	0.17	0.6758	1
Rv3785	-	10	10	3511.7	5968.5	2456.7	0.77	0.3986	1
Rv3786c	-	18	16	25170.5	18368	-6802.5	-0.45	0.5302	1
Rv3787c	-	6	5	1212.5	1375.7	163.2	0.18	0.8177	1
Rv3788	-	4	3	2080	4680.7	2600.7	1.17	0.5027	1
Rv3789	-	7	0	0	0	0	0	1	1
Rv3790	-	20	2	12.6	16.1	3.5	0.36	0.7134	1
Rv3791	-	8	1	1	0.9	-0.1	-0.16	1	1
Rv3792	-	22	2	3.1	7.4	4.3	1.24	1	1
Rv3793	embC	38	2	6.3	14.9	8.6	1.24	1	1
Rv3794	embA	44	7	296.3	351.7	55.5	0.25	0.9291	1
Rv3795	embB	38	0	0	0	0	0	1	1
Rv3796	-	18	18	9858.2	11121.3	1263.1	0.17	0.8635	1
Rv3797	fadE35	17	13	4217.6	10163.4	5945.8	1.27	0.2014	1
Rv3798	-	11	7	12368.1	9473.3	-2894.8	-0.38	0.7178	1
Rv3799c	accD4	13	0	0	0	0	0	1	1
Rv3800c	pks13	40	4	3.1	9.9	6.8	1.66	0.5836	1
Rv3801c	fadD32	18	1	1	0	-1	1	1	1
Rv3802c	-	18	1	6.3	0	-6.3	-1.65	1	1
Rv3803c	fbpD	11	8	10061	1907.7	-8153.3	-2.4	0.1179	1
Rv3804c	fbpA	13	7	97.1	115.4	18.2	0.25	0.8774	1
Rv3805c	-	29	5	69.1	34.7	-34.4	-0.99	0.7375	1
Rv3806c	-	15	1	0	6.2	6.2	1.63	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3807c	-	4	1	129.7	1286.8	1157.1	3.31	0.3302	1
Rv3808c	glfT	21	3	18.9	39.7	20.8	1.07	0.458	1
Rv3809c	glf	28	6	34.6	19.8	-14.7	-0.8	0.6345	1
Rv3810	pirG	10	3	9.4	8.7	-0.8	-0.12	1	1
Rv3811	-	20	15	13954	10522	-3432	-0.41	0.6266	1
Rv3812	PE_PGRS62	23	19	7676.7	5180.5	-2496.2	-0.57	0.5638	1
Rv3813c	-	11	7	836.7	2920.9	2084.2	1.8	0.3659	1
Rv3814c	-	10	7	13179	4840.9	-8338	-1.44	0.6065	1
Rv3815c	-	8	6	7207	8788.7	1581.7	0.29	0.8101	1
Rv3816c	-	8	5	803	3994.5	3191.5	2.31	0.4203	1
Rv3817	-	4	3	2894	38.7	-2855.3	-6.23	0.0865	1
Rv3818	-	25	10	2125.2	4030.5	1905.3	0.92	0.4728	1
Rv3819	-	7	4	3918.5	2353.7	-1564.8	-0.74	0.349	1
Rv3820c	papA2	30	18	10032.5	17602.7	7570.2	0.81	0.3641	1
Rv3821	-	14	10	5310.8	12253.6	6942.8	1.21	0.4993	1
Rv3822	-	33	23	22042.1	3084.5	-18957.5	-2.84	0.0003	0.399
Rv3823c	mmpL8	68	33	8855.8	2731.1	-6124.7	-1.7	0.0068	1
Rv3824c	papA1	33	20	7945.7	8487.8	542.1	0.1	0.8844	1
Rv3825c	pks2	91	69	68377.9	91718.6	23340.6	0.42	0.4875	1
Rv3826	fadD23	44	21	15742.5	14195.1	-1547.4	-0.15	0.8402	1
Rv3827c	-	12	9	4016	2468.3	-1547.6	-0.7	0.5005	1
Rv3828c	-	6	4	10084.8	10134.6	49.8	0.01	0.9965	1
Rv3829c	-	20	13	7113.2	2868.6	-4244.5	-1.31	0.4156	1
Rv3830c	-	9	6	1535	150.1	-1384.9	-3.35	0.0338	1
Rv3831	-	10	9	14995.1	7367.7	-7627.4	-1.03	0.0934	1
Rv3832c	-	8	5	5749.5	9763.5	4014	0.76	0.8959	1
Rv3833	-	8	6	837.8	503.5	-334.3	-0.73	0.4705	1
Rv3834c	serS	19	1	44	0	-44	-4.46	1	1
Rv3835	-	13	5	330.7	19	-311.7	-4.12	0.1685	1
Rv3836	-	5	4	1351.1	4329.7	2978.6	1.68	0.2453	1
Rv3837c	-	8	6	3400.5	5873.8	2473.4	0.79	0.6292	1
Rv3838c	pheA	9	1	0	16.1	16.1	3.01	1	1
Rv3839	-	12	10	7028.6	12885.2	5856.6	0.87	0.8637	1
Rv3840	-	9	9	22756.3	30956.4	8200.1	0.44	0.5518	1
Rv3841	bfrB	6	2	6.3	0.9	-5.4	-2.82	1	1
Rv3842c	glpQ1	11	10	104684.7	121877.1	17192.3	0.22	0.8114	1
Rv3843c	-	15	3	290	275.8	-14.2	-0.07	0.9255	1
Rv3844	-	2	1	3.1	0	-3.1	-0.65	1	1
Rv3845	-	5	3	470.2	26.9	-443.3	-4.13	0.2662	1
Rv3846	sodA	10	0	0	0	0	0	1	1
Rv3847	-	3	3	3428.6	4415.9	987.3	0.37	0.8954	1
Rv3848	-	7	4	1391.3	585.8	-805.4	-1.25	0.6735	1
Rv3849	espR	9	4	54.7	64.5	9.8	0.24	0.8324	1
Rv3850	-	5	3	10.4	2.7	-7.8	-1.96	0.3	1
Rv3851	-	2	2	22	1104.6	1082.6	5.65	1	1
Rv3852	hns	3	3	774.7	1845.7	1071	1.25	0.8649	1
Rv3853	menG	2	1	37.6	230.9	193.4	2.62	0.6706	1
Rv3854c	ethA	23	20	8584.6	16181.1	7596.5	0.91	0.4641	1
Rv3855	ethR	9	5	939.8	49.2	-890.7	-4.26	0.0322	1
Rv3856c	-	5	3	10016.6	15992.1	5975.5	0.67	0.576	1
Rv3857c	-	2	2	4226.8	1170.4	-3056.4	-1.85	0.4528	1
Rv3858c	gltD	8	0	0	0	0	0	1	1
Rv3859c	gltB	61	2	0	8.3	8.3	2.06	0.4296	1
Rv3860	-	11	9	2716	11605.4	8889.3	2.1	0.0917	1
Rv3861	-	0	0	0	0	0	0	1	1
Rv3862c	whiB6	3	2	3253.5	4358	1104.5	0.42	0.6749	1
Rv3863	-	10	6	5235.4	3638.9	-1596.6	-0.52	0.6692	1
Rv3864	-	14	10	1566.9	1438.2	-128.7	-0.12	0.9278	1
Rv3865	-	6	5	2590.3	3714.5	1124.2	0.52	0.7074	1
Rv3866	-	8	5	5202.9	8084.5	2881.6	0.64	0.4735	1
Rv3867	-	4	4	956.7	1815.3	858.6	0.92	0.5728	1
Rv3868	-	24	18	8173.1	11018.1	2845	0.43	0.5237	1
Rv3869	-	21	14	9030.3	12646.6	3616.3	0.49	0.7397	1
Rv3870	-	30	23	11186.4	19549.6	8363.3	0.81	0.2023	1
Rv3871	-	19	14	7960.1	9898	1937.8	0.31	0.6415	1
Rv3872	PE35	0	0	0	0	0	0	1	1
Rv3873	PPE68	10	0	0	0	0	0	1	1
Rv3874	esxB	4	0	0	0	0	0	1	1

Rv#	Gene Name	N	TAs Hit	Sum Rd No Rif	Sum Rd RIFexp	Delta Rd	log2 (NoRif/RIFexp)	p-value	Q-value
Rv3875	esxA	4	0	0	0	0	0	1	1
Rv3876	-	17	0	0	0	0	0	1	1
Rv3877	-	19	1	0	1.8	1.8	-0.16	1	1
Rv3878	-	4	0	0	0	0	0	1	1
Rv3879c	-	19	0	0	0	0	0	1	1
Rv3880c	-	4	2	1075.5	721.3	-354.2	-0.58	0.5426	1
Rv3881c	-	17	13	4946.1	4106.5	-839.6	-0.27	0.6894	1
Rv3882c	-	18	14	18658.6	19030.9	372.3	0.03	0.9717	1
Rv3883c	mycP1	12	8	8557.4	3513.9	-5043.5	-1.28	0.1399	1
Rv3884c	-	27	15	8418.2	9125.1	706.9	0.12	0.8703	1
Rv3885c	-	21	9	5107.9	7431.5	2323.7	0.54	0.6518	1
Rv3886c	mycP2	17	12	2220.1	4901.5	2681.5	1.14	0.1482	1
Rv3887c	-	19	13	3428.8	7924.7	4495.9	1.21	0.1436	1
Rv3888c	-	20	10	2071.5	1975.6	-95.9	-0.07	0.9364	1
Rv3889c	-	13	9	9915.7	13026.6	3111	0.39	0.4695	1
Rv3890c	esxC	2	2	281	570	289	1.02	0.7979	1
Rv3891c	esxD	6	6	3579.5	2538.4	-1041.1	-0.5	0.5158	1
Rv3892c	PPE69	9	7	3018.4	4779.9	1761.5	0.66	0.4583	1
Rv3893c	PE36	2	2	1931.4	2032.5	101.1	0.07	0.9765	1
Rv3894c	-	40	25	15563.8	15357.5	-206.3	-0.02	0.9877	1
Rv3895c	-	9	7	2324.5	1499	-825.5	-0.63	0.3739	1
Rv3896c	-	11	10	1916.5	4098.5	2182	1.1	0.2758	1
Rv3897c	-	6	6	5796.5	8198.2	2401.7	0.5	0.8316	1
Rv3898c	-	6	6	4331	3120.7	-1210.3	-0.47	0.6137	1
Rv3899c	-	12	7	6550.9	2975.6	-3575.3	-1.14	0.2924	1
Rv3900c	-	12	6	4961.8	3222.9	-1738.9	-0.62	0.4964	1
Rv3901c	-	11	9	13245.5	26876	13630.5	1.02	0.1648	1
Rv3902c	-	21	1	0	1.2	1.2	-0.69	1	1
Rv3903c	-	41	24	8975.8	19821.2	10845.4	1.14	0.7586	1
Rv3904c	esxE	2	1	65.4	1.2	-64.2	-5.72	0.3307	1
Rv3905c	esxF	4	4	1278.8	1510.2	231.4	0.24	0.9393	1
Rv3906c	-	8	4	1635.2	1412.4	-222.8	-0.21	0.8248	1
Rv3907c	pcnA	14	1	6.3	0	-6.3	-1.65	1	1
Rv3908	-	10	3	870.3	320	-550.2	-1.44	0.2117	1
Rv3909	-	27	3	37.7	5.9	-31.9	-2.69	1	1
Rv3910	-	44	14	5813.5	1364.6	-4448.9	-2.09	0.2661	1
Rv3911	sigM	6	2	1647.7	2677.5	1029.9	0.7	0.6095	1
Rv3912	-	5	4	695.7	1922.3	1226.6	1.47	0.2216	1
Rv3913	trxB2	12	1	0	2.5	2.5	0.31	1	1
Rv3914	trxC	4	0	0	0	0	0	1	1
Rv3915	-	19	1	12.6	0	-12.6	-2.65	1	1
Rv3916c	-	8	2	6.3	1.2	-5	-2.34	1	1
Rv3917c	parB	15	2	56.6	3.7	-52.8	-3.93	1	1
Rv3918c	parA	17	5	22	28.5	6.5	0.37	0.8391	1
Rv3919c	gidB	10	5	285.1	12.1	-273	-4.56	0.0868	1
Rv3920c	-	3	3	217.3	228.8	11.6	0.07	0.8962	1
Rv3921c	-	17	3	1	19.8	18.8	4.31	0.4537	1
Rv3922c	-	9	2	331	245.3	-85.7	-0.43	0.7574	1
Rv3923c	rnpA	2	1	0	6.2	6.2	1.63	1	1
Rv3924c	rpmH	2	1	12.6	0	-12.6	-2.65	1	1

‘N’ represents number TA dinucleotides as potential transposon insertion sites in each annotated gene; ‘TAs’ hit represents the number of TA dinucleotides in the indicated locus in which at least one transposon insertion was detected by sequencing; ‘Sum Rd' represents the sum of the reads in that gene across replicates after normalization for the given growth condition; ‘Delta Rd' represents the difference in read counts between growth conditions; ‘log2(NoRIF/RIFexp)' represents log base 2 of the sum of reads in the pellicle biofilm replicates un exposed to RIF over the sum of reads in the RIF-exposed pellicle biofilm replicates after normalization; ‘p-value' represents probability calculated by TRANSIT resampling permutation test; ‘Q-value' is an adjusted p-value that quantifies the statistical significance of the log2(NoRIF/RIF-exp) value.

Table B4: Transcriptomic profiling of changes in gene expression in ΔphoT and ΔpstC2-A1 compared to WT

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0001	dnaA	1050	1137	1128	1.082857143	1.074285714	1	1
RVBD_0002	dnaN	49	48	54	0.979591837	1.102040816	0.928017671	1
RVBD_0003	recF	45	57	34	1.266666667	0.755555556	1	1
RVBD_0004	-	41	46	41	1.12195122	1	0.999044636	0.870505379
RVBD_0005	gyrB	760	1014	951	1.334210526	1.251315789	1	1
RVBD_0006	gyrA	219	179	221	0.817351598	1.00913242	0.797010124	0.964410871
RVBD_0007	-	125	111	136	0.888	1.088	0.746909681	1
RVBD_0008c	-	23	33	21	1.434782609	0.913043478	1	1
RVBD_0009	ppiA	224	160	239	0.714285714	1.066964286	0.573847976	1
RVBD_0010c	-	153	69	87	0.450980392	0.568627451	0.563537523	0.709509328
RVBD_0011c	-	31	37	27	1.193548387	0.870967742	1	1
RVBD_0012	-	176	134	129	0.761363636	0.732954545	0.590908298	0.709509328
RVBD_0013	trpG	72	99	114	1.375	1.583333333	1	0.930169802
RVBD_0014c	pknB	95	103	102	1.084210526	1.073684211	0.980974308	1
RVBD_0015c	pknA	242	196	269	0.809917355	1.111570248	0.72657358	0.973561164
RVBD_0016c	pbpA	164	157	133	0.957317073	0.81097561	0.807483433	0.944818196
RVBD_0017c	rodA	40	35	31	0.875	0.775	0.93169404	0.942354643
RVBD_0018c	ppp	162	162	204	1	1.259259259	0.858035267	1
RVBD_0019c	-	162	145	148	0.895061728	0.913580247	0.861784414	0.866098507
RVBD_0020c	TB39.8	317	325	325	1.025236593	1.025236593	0.902037337	0.911555079
RVBD_0021c	-	14	13	7	0.928571429	0.5	1	1
RVBD_0022c	whiB5	1	3	1	3	1	1	1
RVBD_0023	-	56	34	38	0.607142857	0.678571429	0.714381187	1
RVBD_0024	-	36	30	35	0.833333333	0.972222222	1	0.813295001
RVBD_0025	-	37	36	30	0.972972973	0.810810811	1	1
RVBD_0026	-	90	105	98	1.166666667	1.088888889	1	1
RVBD_0027	-	20	31	22	1.55	1.1	1	1
RVBD_0028	-	27	25	14	0.925925926	0.518518519	1	1
RVBD_0029	-	54	32	63	0.592592593	1.166666667	0.866505904	1
RVBD_0030	-	23	37	35	1.608695652	1.52173913	1	1
RVBD_0031	-	136	203	131	1.492647059	0.963235294	0.485950484	0.82996344
RVBD_0032	bioF2	21	29	14	1.380952381	0.666666667	1	1
RVBD_0033	acpA	87	92	60	1.057471264	0.689655172	1	1
RVBD_0034	-	6	3	0	0.5	0	1	1
RVBD_0035	fadD34	10	7	5	0.7	0.5	1	1
RVBD_0036c	-	149	124	130	0.832214765	0.872483221	0.702967331	0.840040262
RVBD_0037c	-	20	12	14	0.6	0.7	1	1
RVBD_0038	-	58	43	71	0.74137931	1.224137931	1	0.817136649
RVBD_0039c	-	14	21	19	1.5	1.357142857	1	1
RVBD_0040c	mtc28	22	14	18	0.636363636	0.818181818	1	1
RVBD_0041	leuS	43	40	28	0.930232558	0.651162791	0.766812666	0.597045913
RVBD_0042c	-	52	93	83	1.788461538	1.596153846	0.314559107	0.53909688
RVBD_0043c	-	16	13	15	0.8125	0.9375	1	1
RVBD_0044c	-	15	16	17	1.066666667	1.133333333	1	1
RVBD_0045c	-	48	18	30	0.375	0.625	0.400459333	1
RVBD_0046c	ino1	240	227	257	0.945833333	1.070833333	0.826779574	1
RVBD_0047c	-	413	510	642	1.234866828	1.554479419	0.93169404	1
RVBD_0048c	-	7	18	12	2.571428571	1.714285714	1	1
RVBD_0049	-	84	48	69	0.571428571	0.821428571	0.914767451	1
RVBD_0050	ponA1	113	123	151	1.088495575	1.336283186	0.880764793	1
RVBD_0051	-	86	46	67	0.534883721	0.779069767	0.326232522	0.783898946
RVBD_0052	-	37	37	35	1	0.945945946	1	0.987420092
RVBD_0053	rpsF	79	85	95	1.075949367	1.202531646	1	0.74585772
RVBD_0054	ssb	774	1101	890	1.42248062	1.149870801	1	0.894989582
RVBD_0055	rpsR	441	1515	713	3.43537415	1.616780045	0.084510328	1
RVBD_0056	rplI	312	388	301	1.243589744	0.96474359	1	0.964410871
RVBD_0057	-	829	490	615	0.591073583	0.74185766	0.379963873	0.782598557
RVBD_0058	dnaB	95	59	69	0.621052632	0.726315789	0.33143566	0.759804885
RVBD_0059	-	97	39	37	0.402061856	0.381443299	0.301516087	0.604355596
RVBD_0060	-	297	203	194	0.683501684	0.653198653	0.495552241	0.870505379
RVBD_0061c	-	72	47	52	0.652777778	0.722222222	1	1
RVBD_0062	celA1	21	15	16	0.714285714	0.761904762	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0063	-	13	8	7	0.615384615	0.538461538	1	1
RVBD_0064	-	75	71	67	0.946666667	0.893333333	0.784430687	0.991952903
RVBD_0064A	-	51	91	79	1.784313725	1.549019608	0.659918403	0.867091367
RVBD_0065	-	66	77	61	1.166666667	0.924242424	0.807592566	0.864850215
RVBD_0066c	icd2	67	57	52	0.850746269	0.776119403	0.702967331	0.79022257
RVBD_0067c	-	3	4	6	1.333333333	2	1	1
RVBD_0068	-	4	3	1	0.75	0.25	1	1
RVBD_0069c	sdaA	24	18	20	0.75	0.833333333	1	1
RVBD_0070c	glyA2	11	17	11	1.545454545	1	1	1
RVBD_0071	-	26	20	5	0.769230769	0.192307692	1	1
RVBD_0072	-	38	43	59	1.131578947	1.552631579	0.981297477	0.877968765
RVBD_0073	-	74	78	70	1.054054054	0.945945946	0.887248133	0.885319427
RVBD_0074	-	48	49	58	1.020833333	1.208333333	0.93169404	1
RVBD_0075	-	41	56	58	1.365853659	1.414634146	1	1
RVBD_0076c	-	3	7	5	2.333333333	1.666666667	1	1
RVBD_0077c	-	6	3	2	0.5	0.333333333	1	1
RVBD_0078	-	14	9	5	0.642857143	0.357142857	1	1
RVBD_0078A	-	374	260	267	0.695187166	0.713903743	0.480884662	0.337957446
RVBD_0078B	-	232	518	593	2.232758621	2.556034483	0.826779574	0.133570767
RVBD_0079	-	199	157	162	0.788944724	0.814070352	0.611069967	0.807500092
RVBD_0080	-	92	81	100	0.880434783	1.086956522	1	1
RVBD_0081	-	60	31	54	0.516666667	0.9	0.745680594	1
RVBD_0082	-	39	27	71	0.692307692	1.820512821	1	0.521180126
RVBD_0083	-	14	10	16	0.714285714	1.142857143	1	1
RVBD_0084	hycD	30	17	23	0.566666667	0.766666667	1	1
RVBD_0085	hycP	5	7	14	1.4	2.8	1	1
RVBD_0086	hycQ	44	31	40	0.704545455	0.909090909	0.906386678	0.884732008
RVBD_0087	hycE	34	49	49	1.441176471	1.441176471	1	1
RVBD_0088	-	145	151	170	1.04137931	1.172413793	0.880764793	1
RVBD_0089	-	8	14	10	1.75	1.25	1	1
RVBD_0090	-	3	2	1	0.666666667	0.333333333	1	1
RVBD_0091	mtn	7	14	9	2	1.285714286	1	1
RVBD_0092	ctpA	17	15	16	0.882352941	0.941176471	1	1
RVBD_0093c	-	29	25	23	0.862068966	0.793103448	1	1
RVBD_0094c	-	101	113	43	1.118811881	0.425742574	0.93169404	0.37793726
RVBD_0095c	-	14	16	11	1.142857143	0.785714286	1	1
RVBD_0096	PPE1	14	9	5	0.642857143	0.357142857	1	1
RVBD_0097	-	89	91	55	1.02247191	0.617977528	0.871689417	0.608604541
RVBD_0098	-	88	98	72	1.113636364	0.818181818	1	1
RVBD_0099	fadD10	12	13	13	1.083333333	1.083333333	1	1
RVBD_0100	-	6	15	9	2.5	1.5	1	1
RVBD_0101	nrp	16	15	8	0.9375	0.5	1	1
RVBD_0102	-	30	18	22	0.6	0.733333333	1	1
RVBD_0103c	ctpB	62	43	47	0.693548387	0.758064516	0.469110163	0.745287947
RVBD_0104	-	2	5	1	2.5	0.5	1	1
RVBD_0105c	rpmB	2	1	1	0.5	0.5	1	1
RVBD_0106	-	10	9	4	0.9	0.4	1	1
RVBD_0107c	ctpI	47	29	39	0.617021277	0.829787234	0.337824473	0.941730126
RVBD_0108c	-	101	43	32	0.425742574	0.316831683	0.465481007	0.849233451
RVBD_0109	PE_PGRS1	9	9	7	1	0.777777778	1	1
RVBD_0110	-	20	24	15	1.2	0.75	1	1
RVBD_0111	-	33	20	14	0.606060606	0.424242424	1	1
RVBD_0112	gca	81	102	88	1.259259259	1.086419753	1	1
RVBD_0113	gmhA	62	51	44	0.822580645	0.709677419	1	1
RVBD_0114	gmhB	18	34	27	1.888888889	1.5	1	1
RVBD_0115	hddA	39	24	34	0.615384615	0.871794872	0.737600881	1
RVBD_0116c	-	44	29	55	0.659090909	1.25	1	0.74585772
RVBD_0117	oxyS	16	13	9	0.8125	0.5625	1	1
RVBD_0118c	oxcA	27	16	20	0.592592593	0.740740741	1	1
RVBD_0119	fadD7	12	13	9	1.083333333	0.75	1	1
RVBD_0120c	fusA2	45	33	39	0.733333333	0.866666667	0.714506542	0.760811792
RVBD_0121c	-	11	6	8	0.545454545	0.727272727	1	1
RVBD_0122	-	43	84	29	1.953488372	0.674418605	0.321063211	1
RVBD_0123	-	12	12	12	1	1	1	1
RVBD_0124	PE_PGRS2	3	4	2	1.333333333	0.666666667	1	1
RVBD_0125	pepA	132	101	115	0.765151515	0.871212121	0.600774561	0.878859561
RVBD_0126	treS	110	104	132	0.945454545	1.2	0.746909681	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0127	-	25	19	21	0.76	0.84	1	1
RVBD_0128	-	19	13	15	0.684210526	0.789473684	1	1
RVBD_0129c	fbpC	615	526	598	0.855284553	0.972357724	0.827268264	1
RVBD_0130	-	7	2	3	0.285714286	0.428571429	1	1
RVBD_0131c	fadE1	42	25	21	0.595238095	0.5	0.840379762	0.76176226
RVBD_0132c	fgd2	9	7	5	0.777777778	0.555555556	1	1
RVBD_0133	-	44	37	29	0.840909091	0.659090909	1	1
RVBD_0134	ephF	94	94	103	1	1.095744681	0.844779159	1
RVBD_0135c	-	127	207	112	1.62992126	0.881889764	1	0.810617219
RVBD_0136	cyp138	47	77	41	1.638297872	0.872340426	1	0.784583187
RVBD_0137c	msrA	54	46	74	0.851851852	1.37037037	1	0.605859425
RVBD_0138	-	23	20	22	0.869565217	0.956521739	1	1
RVBD_0139	-	18	18	23	1	1.277777778	1	1
RVBD_0140	-	50	64	59	1.28	1.18	0.910369245	0.868813448
RVBD_0141c	-	77	34	54	0.441558442	0.701298701	0.876208191	0.97514416
RVBD_0142	-	8	6	7	0.75	0.875	1	1
RVBD_0143c	-	20	13	15	0.65	0.75	1	1
RVBD_0144	-	90	58	95	0.644444444	1.055555556	0.851363741	1
RVBD_0145	-	850	2109	1453	2.481176471	1.709411765	0.411227723	0.677684007
RVBD_0146	-	72	91	113	1.263888889	1.569444444	1	1
RVBD_0147	-	171	89	144	0.520467836	0.842105263	0.118557868	1
RVBD_0148	-	75	89	106	1.186666667	1.413333333	1	1
RVBD_0149	-	84	88	159	1.047619048	1.892857143	0.872884157	1
RVBD_0150c	-	9	18	9	2	1	1	1
RVBD_0151c	PE1	20	20	16	1	0.8	1	1
RVBD_0152c	PE2	19	25	14	1.315789474	0.736842105	1	1
RVBD_0153c	ptbB	17	37	27	2.176470588	1.588235294	1	1
RVBD_0154c	fadE2	63	78	64	1.238095238	1.015873016	1	1
RVBD_0155	pntAa	34	26	21	0.764705882	0.617647059	1	1
RVBD_0156	pntAb	19	23	17	1.210526316	0.894736842	1	1
RVBD_0157	pntB	71	41	48	0.577464789	0.676056338	0.674869885	0.499258214
RVBD_0157A	-	23	18	21	0.782608696	0.913043478	1	1
RVBD_0158	-	81	100	73	1.234567901	0.901234568	1	1
RVBD_0159c	PE3	16	12	4	0.75	0.25	1	1
RVBD_0160c	PE4	11	7	2	0.636363636	0.181818182	1	1
RVBD_0161	-	2	3	2	1.5	1	1	1
RVBD_0162c	adhE1	9	6	3	0.666666667	0.333333333	1	1
RVBD_0163	-	28	36	56	1.285714286	2	1	1
RVBD_0164	TB18.5	735	1477	910	2.00952381	1.238095238	1	0.931135797
RVBD_0165c	-	111	80	76	0.720720721	0.684684685	0.861784414	0.645758725
RVBD_0166	fadD5	272	277	204	1.018382353	0.75	0.903888556	0.746868953
RVBD_0167	yrbE1A	84	64	59	0.761904762	0.702380952	0.902037337	0.722034704
RVBD_0168	yrbE1B	204	116	99	0.568627451	0.485294118	0.238562394	0.204456076
RVBD_0169	mce1A	312	239	172	0.766025641	0.551282051	0.737912752	0.730964134
RVBD_0170	mce1B	214	214	126	1	0.588785047	0.819556589	0.184695954
RVBD_0171	mce1C	66	71	64	1.075757576	0.96969697	0.906906998	0.879539965
RVBD_0172	mce1D	47	76	55	1.617021277	1.170212766	1	1
RVBD_0173	lprK	98	85	74	0.867346939	0.755102041	0.727340425	0.698343057
RVBD_0174	mce1F	437	201	259	0.459954233	0.592677346	0.14525208	0.508788065
RVBD_0175	-	437	225	462	0.514874142	1.057208238	0.107035626	1
RVBD_0176	-	55	77	99	1.4	1.8	1	0.884732008
RVBD_0177	-	1369	2353	2548	1.718772827	1.861212564	0.906386678	0.608604541
RVBD_0178	-	638	894	742	1.401253918	1.163009404	1	0.990222626
RVBD_0179c	lprO	197	130	164	0.659898477	0.83248731	0.393791938	0.814582214
RVBD_0180c	-	43	42	48	0.976744186	1.11627907	0.92648477	1
RVBD_0181c	-	112	117	152	1.044642857	1.357142857	0.871689417	1
RVBD_0182c	sigG	76	43	61	0.565789474	0.802631579	0.78604102	0.639905368
RVBD_0183	-	18	21	14	1.166666667	0.777777778	1	1
RVBD_0184	-	102	90	116	0.882352941	1.137254902	0.860865012	1
RVBD_0185	-	97	79	101	0.81443299	1.041237113	1	1
RVBD_0186	bglS	66	36	50	0.545454545	0.757575758	0.366730868	0.745279933
RVBD_0186Ac	-	801	404	509	0.504369538	0.63545568	0.433786139	0.546153592
RVBD_0187	-	70	90	81	1.285714286	1.157142857	1	1
RVBD_0188	-	74	73	107	0.986486486	1.445945946	0.952275502	0.608604541
RVBD_0189c	ilvD	88	79	75	0.897727273	0.852272727	0.746909681	0.870505379
RVBD_0190	-	860	762	867	0.886046512	1.008139535	0.742308542	1
RVBD_0191	-	39	78	77	2	1.974358974	0.919513756	0.576293137

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0192	-	56	48	51	0.857142857	0.910714286	0.918832487	0.948893558
RVBD_0192A	-	22	14	27	0.636363636	1.227272727	1	1
RVBD_0193c	-	19	18	5	0.947368421	0.263157895	1	1
RVBD_0194	-	3	3	1	1	0.333333333	1	1
RVBD_0195	-	7	7	1	1	0.142857143	1	1
RVBD_0196	-	53	69	71	1.301886792	1.339622642	0.629556058	0.621765566
RVBD_0197	-	66	92	89	1.393939394	1.348484848	1	0.8643091
RVBD_0198c	-	72	124	93	1.722222222	1.291666667	1	1
RVBD_0199	-	23	15	12	0.652173913	0.52173913	1	1
RVBD_0200	-	24	19	20	0.791666667	0.833333333	1	1
RVBD_0201c	-	56	80	61	1.428571429	1.089285714	0.563537523	0.741518701
RVBD_0202c	mmpL11	117	64	102	0.547008547	0.871794872	0.200736333	0.921584944
RVBD_0203	-	74	64	56	0.864864865	0.756756757	1	0.993864452
RVBD_0204c	-	65	52	55	0.8	0.846153846	0.83346144	0.718293999
RVBD_0205	-	11	8	5	0.727272727	0.454545455	1	1
RVBD_0206c	mmpL3	183	143	196	0.781420765	1.071038251	0.761650644	0.986873481
RVBD_0207c	-	73	53	56	0.726027397	0.767123288	0.93169404	1
RVBD_0208c	trmB	102	184	146	1.803921569	1.431372549	1	1
RVBD_0209	-	6	6	5	1	0.833333333	1	1
RVBD_0210	-	15	13	13	0.866666667	0.866666667	1	1
RVBD_0211	pckA	172	264	285	1.534883721	1.656976744	1	1
RVBD_0212c	nadR	26	15	9	0.576923077	0.346153846	1	1
RVBD_0213c	-	11	8	5	0.727272727	0.454545455	1	1
RVBD_0214	fadD4	35	28	15	0.8	0.428571429	0.932106294	0.707295133
RVBD_0215c	fadE3	18	32	27	1.777777778	1.5	1	1
RVBD_0216	-	29	18	16	0.620689655	0.551724138	1	1
RVBD_0217c	lipW	23	25	19	1.086956522	0.826086957	1	1
RVBD_0218	-	11	8	3	0.727272727	0.272727273	1	1
RVBD_0219	-	7	4	2	0.571428571	0.285714286	1	1
RVBD_0220	lipC	58	66	74	1.137931034	1.275862069	0.919513756	1
RVBD_0221	-	70	72	87	1.028571429	1.242857143	0.876587469	1
RVBD_0222	echA1	47	35	40	0.744680851	0.85106383	1	1
RVBD_0223c	-	13	16	11	1.230769231	0.846153846	1	1
RVBD_0224c	-	6	4	3	0.666666667	0.5	1	1
RVBD_0225	-	36	23	22	0.638888889	0.611111111	0.764789801	1
RVBD_0226c	-	12	8	10	0.666666667	0.833333333	1	1
RVBD_0227c	-	81	153	105	1.888888889	1.296296296	1	1
RVBD_0228	-	32	17	15	0.53125	0.46875	1	1
RVBD_0229Ac	-	205	166	127	0.809756098	0.619512195	1	1
RVBD_0229c	-	39	19	26	0.487179487	0.666666667	0.761016841	1
RVBD_0230c	php	24	30	17	1.25	0.708333333	1	1
RVBD_0231	fadE4	51	72	37	1.411764706	0.725490196	1	0.608604541
RVBD_0232	-	225	469	413	2.084444444	1.835555556	0.784430687	0.508788065
RVBD_0233	nrdB	164	90	131	0.548780488	0.798780488	0.280041802	0.798334533
RVBD_0234c	gabD1	18	16	13	0.888888889	0.722222222	1	1
RVBD_0235c	-	23	24	15	1.043478261	0.652173913	1	1
RVBD_0236A	-	65	19	29	0.292307692	0.446153846	0.819483533	1
RVBD_0236c	-	15	16	13	1.066666667	0.866666667	1	1
RVBD_0237	lpqI	17	12	13	0.705882353	0.764705882	1	1
RVBD_0238	-	123	133	164	1.081300813	1.333333333	0.902037337	1
RVBD_0239	-	199	149	176	0.748743719	0.884422111	0.919513756	1
RVBD_0240	-	19	16	24	0.842105263	1.263157895	1	1
RVBD_0241c	-	74	65	73	0.878378378	0.986486486	0.91599635	1
RVBD_0242c	fabG	49	40	43	0.816326531	0.87755102	0.902715918	0.870505379
RVBD_0243	fadA2	232	171	265	0.737068966	1.142241379	0.608178893	0.986873481
RVBD_0244c	fadE5	52	61	63	1.173076923	1.211538462	0.999812272	1
RVBD_0245	-	19	23	30	1.210526316	1.578947368	1	1
RVBD_0246	-	21	17	14	0.80952381	0.666666667	1	1
RVBD_0247c	-	496	476	446	0.959677419	0.899193548	0.877880159	0.884732008
RVBD_0248c	sdhA	384	395	397	1.028645833	1.033854167	1	1
RVBD_0249c	-	332	290	299	0.873493976	0.90060241	0.753499019	1
RVBD_0250c	-	543	1378	788	2.537753223	1.451197053	0.433786139	0.703857735
RVBD_0251c	hsp	2423	2144	1874	0.884853487	0.773421378	1	1
RVBD_0252	nirB	56	86	120	1.535714286	2.142857143	1	0.405651288
RVBD_0253	nirD	22	27	39	1.227272727	1.772727273	1	1
RVBD_0254c	cobU	5	7	6	1.4	1.2	1	1
RVBD_0255c	cobQ1	12	10	10	0.833333333	0.833333333	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0256c	PPE2	69	90	53	1.304347826	0.768115942	1	0.709338061
RVBD_0257	-	16	16	13	1	0.8125	1	1
RVBD_0258c	-	12	10	4	0.833333333	0.333333333	1	1
RVBD_0259c	-	5	5	2	1	0.4	1	1
RVBD_0260c	-	4	3	2	0.75	0.5	1	1
RVBD_0261c	narK3	18	17	9	0.944444444	0.5	1	1
RVBD_0262c	aac	143	116	139	0.811188811	0.972027972	0.854240077	0.952929854
RVBD_0263c	-	56	39	36	0.696428571	0.642857143	0.903888556	1
RVBD_0264c	-	34	32	41	0.941176471	1.205882353	1	0.795227584
RVBD_0265c	-	56	37	48	0.660714286	0.857142857	0.903888556	1
RVBD_0266c	oplA	16	14	12	0.875	0.75	1	1
RVBD_0267	narU	5	4	1	0.8	0.2	1	1
RVBD_0268c	-	313	463	342	1.479233227	1.092651757	1	1
RVBD_0269c	-	20	21	15	1.05	0.75	1	1
RVBD_0270	fadD2	142	98	112	0.690140845	0.788732394	0.485950484	0.884732008
RVBD_0271c	fadE6	47	34	31	0.723404255	0.659574468	0.663708552	0.469397083
RVBD_0272c	-	48	154	84	3.208333333	1.75	0.366730868	0.944818196
RVBD_0273c	-	33	100	49	3.03030303	1.484848485	8.08E-04	1
RVBD_0274	-	32	23	22	0.71875	0.6875	1	1
RVBD_0275c	-	45	48	38	1.066666667	0.844444444	0.767207995	0.937063129
RVBD_0276	-	101	69	80	0.683168317	0.792079208	0.746909681	0.639905368
RVBD_0277Ac	-	164	87	107	0.530487805	0.652439024	1	1
RVBD_0277c	-	88	96	134	1.090909091	1.522727273	0.908555325	0.807500092
RVBD_0278c	PE_PGRS3	8	14	4	1.75	0.5	1	1
RVBD_0279c	PE_PGRS4	25	23	21	0.92	0.84	1	1
RVBD_0280	PPE3	66	95	86	1.439393939	1.303030303	1	1
RVBD_0281	-	360	439	356	1.219444444	0.988888889	0.970109056	0.948893558
RVBD_0282	-	2156	2307	2191	1.070037106	1.016233766	1	1
RVBD_0283	-	206	145	242	0.703883495	1.174757282	0.563537523	0.94907422
RVBD_0284	-	265	312	378	1.177358491	1.426415094	1	0.706754821
RVBD_0285	PE5	68	116	161	1.705882353	2.367647059	0.366730868	0.149918963
RVBD_0286	PPE4	160	801	513	5.00625	3.20625	0.228747364	0.770830949
RVBD_0287	esxG	201	389	480	1.935323383	2.388059701	1	0.722034704
RVBD_0288	esxH	705	588	1070	0.834042553	1.517730496	0.662089898	1
RVBD_0289	-	924	2086	1299	2.257575758	1.405844156	0.563537523	0.957658458
RVBD_0290	-	48	32	53	0.666666667	1.104166667	0.886683516	1
RVBD_0291	mycP3	128	59	104	0.4609375	0.8125	0.10479975	0.777193067
RVBD_0292	-	35	46	44	1.314285714	1.257142857	0.649856605	0.798334533
RVBD_0293c	-	16	14	15	0.875	0.9375	1	1
RVBD_0294	tam	10	11	5	1.1	0.5	1	1
RVBD_0295c	-	15	10	16	0.666666667	1.066666667	1	1
RVBD_0296c	-	26	22	20	0.846153846	0.769230769	1	1
RVBD_0297	PE_PGRS5	32	41	33	1.28125	1.03125	1	1
RVBD_0298	-	996	1090	600	1.09437751	0.602409639	0.880764793	0.187214855
RVBD_0299	-	52	221	125	4.25	2.403846154	4.43E-07	0.337844386
RVBD_0300	-	199	255	249	1.281407035	1.251256281	1	1
RVBD_0301	-	467	366	380	0.78372591	0.813704497	0.60506331	0.500983057
RVBD_0302	-	278	120	162	0.431654676	0.582733813	0.10062867	0.440375784
RVBD_0303	-	46	55	39	1.195652174	0.847826087	1	1
RVBD_0304c	PPE5	33	35	10	1.060606061	0.303030303	1	1
RVBD_0305c	PPE6	30	33	11	1.1	0.366666667	1	1
RVBD_0306	-	13	6	4	0.461538462	0.307692308	1	1
RVBD_0307c	-	15	17	18	1.133333333	1.2	1	1
RVBD_0308	-	33	32	38	0.96969697	1.151515152	1	1
RVBD_0309	-	175	178	115	1.017142857	0.657142857	0.87936014	0.513325808
RVBD_0310c	-	8	8	4	1	0.5	1	1
RVBD_0311	-	15	11	8	0.733333333	0.533333333	1	1
RVBD_0312	-	22	16	19	0.727272727	0.863636364	1	1
RVBD_0313	-	109	74	78	0.678899083	0.71559633	0.829616665	1
RVBD_0314c	-	22	37	28	1.681818182	1.272727273	1	1
RVBD_0315	-	136	241	169	1.772058824	1.242647059	1	1
RVBD_0316	-	12	18	22	1.5	1.833333333	1	1
RVBD_0317c	glpQ2	42	41	44	0.976190476	1.047619048	0.959250239	0.809007415
RVBD_0318c	-	7	9	5	1.285714286	0.714285714	1	1
RVBD_0319	pcp	11	15	19	1.363636364	1.727272727	1	1
RVBD_0320	-	11	8	4	0.727272727	0.363636364	1	1
RVBD_0321	dcd	10	4	6	0.4	0.6	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0322	udgA	10	47	69	4.7	6.9	1	5.68E-11
RVBD_0323c	-	8	5	3	0.625	0.375	1	1
RVBD_0324	-	11	15	16	1.363636364	1.454545455	1	1
RVBD_0325	-	5	5	5	1	1	1	1
RVBD_0326	-	15	20	18	1.333333333	1.2	1	1
RVBD_0327c	cyp135A1	23	12	4	0.52173913	0.173913043	1	1
RVBD_0328	-	8	6	6	0.75	0.75	1	1
RVBD_0329c	-	5	4	1	0.8	0.2	1	1
RVBD_0330c	-	19	8	7	0.421052632	0.368421053	1	1
RVBD_0331	-	51	84	55	1.647058824	1.078431373	1	1
RVBD_0332	-	55	46	59	0.836363636	1.072727273	1	1
RVBD_0333	-	53	49	45	0.924528302	0.849056604	1	1
RVBD_0334	rmlA	42	38	35	0.904761905	0.833333333	1	1
RVBD_0335c	PE6	10	10	2	1	0.2	1	1
RVBD_0336	-	73	80	84	1.095890411	1.150684932	0.93169404	1
RVBD_0337c	aspC	85	102	97	1.2	1.141176471	1	1
RVBD_0338c	-	189	212	175	1.121693122	0.925925926	0.919513756	0.810617219
RVBD_0339c	-	63	45	52	0.714285714	0.825396825	0.485950484	0.813962943
RVBD_0340	-	124	185	111	1.491935484	0.89516129	1	0.878859561
RVBD_0341	iniB	350	353	391	1.008571429	1.117142857	0.894948888	1
RVBD_0342	iniA	440	353	429	0.802272727	0.975	0.83642236	1
RVBD_0343	iniC	42	34	36	0.80952381	0.857142857	0.91599635	0.884732008
RVBD_0344c	lpqJ	21	33	18	1.571428571	0.857142857	1	1
RVBD_0345	-	11	12	9	1.090909091	0.818181818	1	1
RVBD_0346c	ansP2	100	76	99	0.76	0.99	0.590908298	1
RVBD_0347	-	26	29	19	1.115384615	0.730769231	1	1
RVBD_0348	-	70	46	44	0.657142857	0.628571429	0.818796868	1
RVBD_0349	-	25	15	16	0.6	0.64	1	1
RVBD_0350	dnaK	2687	2850	2493	1.060662449	0.927800521	0.915990849	1
RVBD_0351	grpE	3987	4403	4083	1.104339102	1.024078254	1	1
RVBD_0352	dnaJ1	1386	868	901	0.626262626	0.65007215	0.702967331	0.802708056
RVBD_0353	hspR	479	874	850	1.824634656	1.774530271	0.919513756	0.592715767
RVBD_0354c	PPE7	5	4	1	0.8	0.2	1	1
RVBD_0355c	PPE8	20	19	8	0.95	0.4	1	1
RVBD_0356c	-	7	5	4	0.714285714	0.571428571	1	1
RVBD_0357c	purA	43	50	49	1.162790698	1.139534884	1	1
RVBD_0358	-	10	3	2	0.3	0.2	1	1
RVBD_0359	-	5	5	2	1	0.4	1	1
RVBD_0360c	-	49	133	59	2.714285714	1.204081633	0.004893629	0.795227584
RVBD_0361	-	139	242	168	1.741007194	1.208633094	1	1
RVBD_0362	mgtE	32	33	24	1.03125	0.75	1	1
RVBD_0363c	fba	206	145	171	0.703883495	0.830097087	0.485950484	0.718293999
RVBD_0364	-	26	19	20	0.730769231	0.769230769	1	1
RVBD_0365c	-	25	26	23	1.04	0.92	1	1
RVBD_0366c	-	37	24	35	0.648648649	0.945945946	1	0.905000907
RVBD_0367c	-	94	129	117	1.372340426	1.244680851	0.748220068	0.901648605
RVBD_0368c	-	2	2	1	1	0.5	1	1
RVBD_0369c	-	58	58	39	1	0.672413793	0.929215507	1
RVBD_0370c	-	52	90	54	1.730769231	1.038461538	1	1
RVBD_0371c	-	3	4	1	1.333333333	0.333333333	1	1
RVBD_0372c	-	6	7	2	1.166666667	0.333333333	1	1
RVBD_0373c	-	8	8	5	1	0.625	1	1
RVBD_0374c	-	17	11	4	0.647058824	0.235294118	1	1
RVBD_0375c	-	2	2	1	1	0.5	1	1
RVBD_0376c	-	8	5	4	0.625	0.5	1	1
RVBD_0377	-	24	11	8	0.458333333	0.333333333	1	1
RVBD_0378	-	7	4	2	0.571428571	0.285714286	1	1
RVBD_0379	secE2	59	27	25	0.457627119	0.423728814	0.826779574	1
RVBD_0380c	-	14	13	14	0.928571429	1	1	1
RVBD_0381c	-	12	12	11	1	0.916666667	1	1
RVBD_0382c	pyrE	100	73	128	0.73	1.28	0.93169404	1
RVBD_0383c	-	262	178	270	0.679389313	1.030534351	0.454289481	1
RVBD_0384c	clpB	360	466	353	1.294444444	0.980555556	1	1
RVBD_0385	-	8	5	4	0.625	0.5	1	1
RVBD_0386	-	21	13	13	0.619047619	0.619047619	1	1
RVBD_0387c	-	12	13	8	1.083333333	0.666666667	1	1
RVBD_0389	purT	38	20	21	0.526315789	0.552631579	0.590908298	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0390	-	79	35	30	0.443037975	0.379746835	0.858035267	0.721987337
RVBD_0391	metZ	38	49	40	1.289473684	1.052631579	1	1
RVBD_0392c	ndhA	61	51	59	0.836065574	0.967213115	0.790282941	0.872421103
RVBD_0393	-	1	1	1	1	1	1	1
RVBD_0394c	-	23	15	16	0.652173913	0.695652174	1	1
RVBD_0395	-	5	4	1	0.8	0.2	1	1
RVBD_0396	-	41	32	8	0.780487805	0.195121951	1	0.9690171
RVBD_0397	-	7	4	2	0.571428571	0.285714286	1	1
RVBD_0397A	-	24	22	17	0.916666667	0.708333333	1	1
RVBD_0398c	-	4	4	4	1	1	1	1
RVBD_0399c	lpqK	36	35	26	0.972222222	0.722222222	1	1
RVBD_0400c	fadE7	46	46	43	1	0.934782609	1	1
RVBD_0401	-	23	21	11	0.913043478	0.47826087	1	1
RVBD_0402c	mmpL1	70	71	62	1.014285714	0.885714286	0.807592566	0.794734641
RVBD_0403c	mmpS1	26	18	22	0.692307692	0.846153846	1	1
RVBD_0404	fadD30	43	66	45	1.534883721	1.046511628	1	1
RVBD_0405	pks6	62	132	97	2.129032258	1.564516129	1	1
RVBD_0406c	-	9	4	5	0.444444444	0.555555556	1	1
RVBD_0407	fgd1	23	17	23	0.739130435	1	1	1
RVBD_0408	pta	24	25	21	1.041666667	0.875	1	1
RVBD_0409	ackA	56	53	51	0.946428571	0.910714286	0.910369245	0.884732008
RVBD_0410c	pknG	101	77	88	0.762376238	0.871287129	0.610586102	0.976686897
RVBD_0411c	glnH	335	195	230	0.582089552	0.686567164	0.301516087	0.901648605
RVBD_0412c	-	154	158	147	1.025974026	0.954545455	0.816804536	1
RVBD_0413	mutT3	28	20	25	0.714285714	0.892857143	1	1
RVBD_0414c	thiE	2	3	3	1.5	1.5	1	1
RVBD_0415	thiO	12	18	18	1.5	1.5	1	1
RVBD_0416	thiS	42	55	35	1.30952381	0.833333333	0.93169404	1
RVBD_0417	thiG	4	6	5	1.5	1.25	1	1
RVBD_0418	lpqL	85	87	75	1.023529412	0.882352941	0.867813526	0.870505379
RVBD_0419	lpqM	80	68	88	0.85	1.1	0.702967331	1
RVBD_0420c	-	25	29	39	1.16	1.56	1	1
RVBD_0421c	-	14	7	11	0.5	0.785714286	1	1
RVBD_0422c	thiD	45	31	39	0.688888889	0.866666667	0.919513756	1
RVBD_0423c	thiC	237	269	282	1.135021097	1.189873418	0.93169404	0.117146415
RVBD_0424c	-	109	237	191	2.174311927	1.752293578	0.063821105	0.35915175
RVBD_0425c	ctpH	199	96	139	0.48241206	0.698492462	0.269567707	0.844823313
RVBD_0426c	-	340	977	617	2.873529412	1.814705882	0.269379819	0.546153592
RVBD_0427c	xthA	19	20	17	1.052631579	0.894736842	1	1
RVBD_0428c	-	6	8	7	1.333333333	1.166666667	1	1
RVBD_0429c	def	12	22	12	1.833333333	1	1	1
RVBD_0430	-	65	50	59	0.769230769	0.907692308	1	1
RVBD_0431	-	53	45	49	0.849056604	0.924528302	1	0.870505379
RVBD_0432	sodC	62	59	64	0.951612903	1.032258065	1	1
RVBD_0433	-	75	69	80	0.92	1.066666667	0.819483533	1
RVBD_0434	-	27	20	32	0.740740741	1.185185185	1	1
RVBD_0435c	-	66	41	57	0.621212121	0.863636364	0.38551924	0.879539965
RVBD_0436c	pssA	43	23	35	0.534883721	0.813953488	0.687068238	1
RVBD_0437c	psd	85	46	53	0.541176471	0.623529412	0.731998251	0.802708056
RVBD_0438c	moeA2	42	35	33	0.833333333	0.785714286	0.98809297	1
RVBD_0439c	-	18	12	13	0.666666667	0.722222222	1	1
RVBD_0440	groEL	1195	1030	1190	0.861924686	0.9958159	0.98809297	1
RVBD_0441c	-	10	4	6	0.4	0.6	1	1
RVBD_0442c	PPE10	32	30	20	0.9375	0.625	1	1
RVBD_0443	-	131	90	89	0.687022901	0.679389313	0.894948888	0.709509328
RVBD_0444c	-	67	43	56	0.641791045	0.835820896	0.816912924	1
RVBD_0445c	sigK	153	107	111	0.699346405	0.725490196	0.793295584	0.608604541
RVBD_0446c	-	37	45	38	1.216216216	1.027027027	0.678085713	0.778441551
RVBD_0447c	ufaA1	28	19	22	0.678571429	0.785714286	1	1
RVBD_0448c	-	17	19	15	1.117647059	0.882352941	1	1
RVBD_0449c	-	16	6	9	0.375	0.5625	1	1
RVBD_0450c	mmpL4	136	118	139	0.867647059	1.022058824	0.829146669	0.870505379
RVBD_0451c	mmpS4	122	92	93	0.754098361	0.762295082	0.932106294	1
RVBD_0452	-	5	5	3	1	0.6	1	1
RVBD_0453	PPE11	5	4	3	0.8	0.6	1	1
RVBD_0454	-	56	30	9	0.535714286	0.160714286	0.813474766	0.604355596
RVBD_0455c	-	239	153	245	0.640167364	1.025104603	0.649856605	0.948893558

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0456A	-	1	5	3	5	3	1	1
RVBD_0456B	-	12	24	21	2	1.75	1	1
RVBD_0456c	echA2	26	18	11	0.692307692	0.423076923	1	1
RVBD_0457c	-	43	49	25	1.139534884	0.581395349	0.92648477	0.499258214
RVBD_0458	-	63	54	35	0.857142857	0.555555556	0.754569024	0.440375784
RVBD_0459	-	27	29	40	1.074074074	1.481481481	1	1
RVBD_0460	-	35	23	27	0.657142857	0.771428571	1	1
RVBD_0461	-	68	40	33	0.588235294	0.485294118	0.844779159	0.926786282
RVBD_0462	lpd	266	505	349	1.898496241	1.312030075	1	0.944818196
RVBD_0463	-	204	105	109	0.514705882	0.534313725	0.674869885	0.74585772
RVBD_0464c	-	121	186	208	1.537190083	1.719008264	1	1
RVBD_0465c	-	118	94	63	0.796610169	0.533898305	0.629556058	0.366496657
RVBD_0466	-	40	44	52	1.1	1.3	0.760802927	0.674863306
RVBD_0467	icl	134	102	117	0.76119403	0.873134328	0.565394936	0.868813448
RVBD_0468	fadB2	82	50	70	0.609756098	0.853658537	0.871689417	0.802708056
RVBD_0469	umaA	325	538	528	1.655384615	1.624615385	1	1
RVBD_0470A	-	55	70	89	1.272727273	1.618181818	0.704648719	0.493136552
RVBD_0470c	pcaA	143	82	132	0.573426573	0.923076923	0.502331516	0.903719928
RVBD_0471c	-	48	49	48	1.020833333	1	1	0.868386829
RVBD_0472c	-	215	83	106	0.386046512	0.493023256	0.218898796	0.180835466
RVBD_0473	-	30	36	38	1.2	1.266666667	1	1
RVBD_0474	-	1892	1086	1181	0.573995772	0.624207188	0.485950484	0.5855818
RVBD_0475	hbhA	621	657	652	1.057971014	1.049919485	0.915990849	0.89424366
RVBD_0476	-	296	91	227	0.307432432	0.766891892	0.004335275	0.707501388
RVBD_0477	-	61	39	53	0.639344262	0.868852459	1	0.880047453
RVBD_0478	deoC	48	41	52	0.854166667	1.083333333	1	0.798334533
RVBD_0479c	-	304	578	470	1.901315789	1.546052632	1	1
RVBD_0480c	-	352	387	385	1.099431818	1.09375	0.918832487	0.993864452
RVBD_0481c	-	30	37	32	1.233333333	1.066666667	1	1
RVBD_0482	murB	7	9	3	1.285714286	0.428571429	1	1
RVBD_0483	lprQ	130	69	113	0.530769231	0.869230769	0.181660447	0.860590793
RVBD_0484c	-	35	30	27	0.857142857	0.771428571	1	1
RVBD_0485	-	291	169	311	0.580756014	1.068728522	0.295499083	0.884732008
RVBD_0486	-	270	230	312	0.851851852	1.155555556	0.818796868	0.888799482
RVBD_0487	-	132	138	157	1.045454545	1.189393939	0.887945064	1
RVBD_0488	-	8	14	8	1.75	1	1	1
RVBD_0489	gpm1	64	75	80	1.171875	1.25	1	1
RVBD_0490	senX3	244	1301	879	5.331967213	3.602459016	0.121694356	0.582666003
RVBD_0491	regX3	70	358	276	5.114285714	3.942857143	1.07E-04	5.92E-06
RVBD_0492A	-	2	2	1	1	0.5	1	1
RVBD_0492c	-	3	2	2	0.666666667	0.666666667	1	1
RVBD_0493c	-	7	9	7	1.285714286	1	1	1
RVBD_0494	-	9	9	2	1	0.222222222	1	1
RVBD_0495c	-	31	57	42	1.838709677	1.35483871	1	1
RVBD_0496	-	83	69	80	0.831325301	0.963855422	0.828128983	0.918674503
RVBD_0497	-	73	63	58	0.863013699	0.794520548	0.894948888	0.760811792
RVBD_0498	-	22	10	14	0.454545455	0.636363636	1	1
RVBD_0499	-	18	10	12	0.555555556	0.666666667	1	1
RVBD_0500	proC	25	37	33	1.48	1.32	1	1
RVBD_0500A	-	86	60	85	0.697674419	0.988372093	1	0.596277673
RVBD_0500B	-	264	157	201	0.59469697	0.761363636	1	1
RVBD_0501	galE2	65	106	108	1.630769231	1.661538462	1	1
RVBD_0502	-	110	130	150	1.181818182	1.363636364	1	1
RVBD_0503c	cmaA2	357	394	315	1.103641457	0.882352941	0.919513756	0.944818196
RVBD_0504c	-	54	53	38	0.981481481	0.703703704	1	1
RVBD_0505c	serB1	100	95	94	0.95	0.94	0.82161812	0.888741304
RVBD_0506	mmpS2	55	116	93	2.109090909	1.690909091	0.11544496	0.440375784
RVBD_0507	mmpL2	129	118	107	0.914728682	0.829457364	0.860865012	0.874085147
RVBD_0508	-	212	232	253	1.094339623	1.193396226	0.338644689	1
RVBD_0509	hemA	185	155	223	0.837837838	1.205405405	0.702967331	1
RVBD_0510	hemC	306	244	309	0.797385621	1.009803922	0.663708552	1
RVBD_0511	hemD	366	276	361	0.754098361	0.986338798	0.73913213	1
RVBD_0512	hemB	371	356	484	0.959568733	1.30458221	0.875964729	0.939356454
RVBD_0513	-	536	464	602	0.865671642	1.123134328	0.768685779	1
RVBD_0514	-	15	40	44	2.666666667	2.933333333	1	1
RVBD_0515	-	78	93	95	1.192307692	1.217948718	1	1
RVBD_0516c	-	2158	1599	1754	0.740963855	0.81278962	0.860865012	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0517	-	78	64	57	0.820512821	0.730769231	0.714381187	0.605859425
RVBD_0518	-	37	24	25	0.648648649	0.675675676	1	1
RVBD_0519c	-	7	14	15	2	2.142857143	1	1
RVBD_0520	-	17	11	9	0.647058824	0.529411765	1	1
RVBD_0521	-	13	10	6	0.769230769	0.461538462	1	1
RVBD_0522	gabP	32	27	26	0.84375	0.8125	1	1
RVBD_0523c	-	12	25	13	2.083333333	1.083333333	1	1
RVBD_0524	hemL	26	20	25	0.769230769	0.961538462	1	1
RVBD_0525	-	71	53	74	0.746478873	1.042253521	0.880764793	1
RVBD_0526	-	36	33	48	0.916666667	1.333333333	1	0.64457746
RVBD_0527	ccdA	30	40	45	1.333333333	1.5	1	1
RVBD_0528	-	30	35	39	1.166666667	1.3	1	1
RVBD_0529	ccsA	39	34	48	0.871794872	1.230769231	1	1
RVBD_0530	-	153	101	143	0.660130719	0.934640523	0.364511899	1
RVBD_0530Ac	-	405	285	513	0.703703704	1.266666667	0.906386678	1
RVBD_0531	-	6	16	18	2.666666667	3	1	1
RVBD_0532	PE_PGRS6	11	17	10	1.545454545	0.909090909	1	1
RVBD_0533c	fabH	26	21	18	0.807692308	0.692307692	1	1
RVBD_0534c	menA	12	26	14	2.166666667	1.166666667	1	1
RVBD_0535	pnp	17	11	9	0.647058824	0.529411765	1	1
RVBD_0536	galE3	6	6	6	1	1	1	1
RVBD_0537c	-	30	28	24	0.933333333	0.8	1	1
RVBD_0538	-	30	31	34	1.033333333	1.133333333	1	1
RVBD_0539	-	4	5	5	1.25	1.25	1	1
RVBD_0540	-	10	14	12	1.4	1.2	1	1
RVBD_0541c	-	31	45	45	1.451612903	1.451612903	1	1
RVBD_0542c	menE	26	14	19	0.538461538	0.730769231	1	1
RVBD_0543c	-	457	717	624	1.56892779	1.365426696	1	1
RVBD_0544c	-	123	92	116	0.74796748	0.943089431	1	0.921089415
RVBD_0545c	pitA	263	118	202	0.448669202	0.768060837	0.02698506	0.927264165
RVBD_0546c	-	147	106	96	0.721088435	0.653061224	0.930563997	0.880047453
RVBD_0547c	-	27	27	27	1	1	1	1
RVBD_0548c	menB	172	217	204	1.261627907	1.186046512	1	1
RVBD_0549c	-	27	11	17	0.407407407	0.62962963	1	1
RVBD_0550c	-	15	26	21	1.733333333	1.4	1	1
RVBD_0551c	fadD8	22	17	15	0.772727273	0.681818182	1	1
RVBD_0552	-	10	12	11	1.2	1.1	1	1
RVBD_0553	menC	9	7	5	0.777777778	0.555555556	1	1
RVBD_0554	bpoC	13	9	9	0.692307692	0.692307692	1	1
RVBD_0555	menD	43	30	34	0.697674419	0.790697674	0.872262042	0.448239419
RVBD_0556	-	302	183	233	0.605960265	0.771523179	0.33143566	0.766198752
RVBD_0557	pimB	16	59	104	3.6875	6.5	1	3.89E-16
RVBD_0558	ubiE	89	151	224	1.696629213	2.516853933	1	0.72375825
RVBD_0559c	-	46	17	23	0.369565217	0.5	0.702329603	1
RVBD_0560c	-	22	22	21	1	0.954545455	1	1
RVBD_0561c	-	16	9	7	0.5625	0.4375	1	1
RVBD_0562	grcC1	175	109	121	0.622857143	0.691428571	0.325660985	0.608604541
RVBD_0563	htpX	43	62	50	1.441860465	1.162790698	0.826123147	1
RVBD_0564c	gpsA	11	6	7	0.545454545	0.636363636	1	1
RVBD_0565c	-	16	20	10	1.25	0.625	1	1
RVBD_0566c	-	60	46	25	0.766666667	0.416666667	1	0.879539965
RVBD_0567	-	186	185	189	0.994623656	1.016129032	0.829146669	1
RVBD_0568	cyp135B1	60	70	79	1.166666667	1.316666667	0.93169404	1
RVBD_0569	-	196	289	231	1.474489796	1.178571429	1	1
RVBD_0570	nrdZ	151	139	148	0.920529801	0.98013245	0.844779159	0.96230058
RVBD_0571c	-	19	16	18	0.842105263	0.947368421	1	1
RVBD_0572c	-	179	255	218	1.424581006	1.217877095	1	1
RVBD_0573c	-	8	8	5	1	0.625	1	1
RVBD_0574c	-	14	8	11	0.571428571	0.785714286	1	1
RVBD_0575c	-	14	11	4	0.785714286	0.285714286	1	1
RVBD_0576	-	19	20	21	1.052631579	1.105263158	1	1
RVBD_0577	TB27.3	71	103	95	1.450704225	1.338028169	1	1
RVBD_0578c	PE_PGRS7	16	52	38	3.25	2.375	1	1
RVBD_0579	-	21	15	14	0.714285714	0.666666667	1	1
RVBD_0580c	-	291	353	437	1.213058419	1.501718213	1	0.711500177
RVBD_0581	-	59	31	32	0.525423729	0.542372881	0.864210829	1
RVBD_0582	-	24	31	28	1.291666667	1.166666667	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0583c	lpqN	35	62	46	1.771428571	1.314285714	0.326232522	0.634985928
RVBD_0584	-	51	64	54	1.254901961	1.058823529	1	1
RVBD_0585c	-	10	8	4	0.8	0.4	1	1
RVBD_0586	-	79	103	86	1.303797468	1.088607595	1	1
RVBD_0587	yrbE2A	146	159	193	1.089041096	1.321917808	0.92648477	1
RVBD_0588	yrbE2B	192	161	188	0.838541667	0.979166667	0.674869885	1
RVBD_0589	mce2A	318	733	407	2.305031447	1.279874214	1	0.937247059
RVBD_0590	mce2B	72	62	69	0.861111111	0.958333333	0.922442027	1
RVBD_0590A	-	57	78	64	1.368421053	1.122807018	0.797010124	0.940500053
RVBD_0591	mce2C	33	45	39	1.363636364	1.181818182	1	1
RVBD_0592	mce2D	10	8	5	0.8	0.5	1	1
RVBD_0593	lprL	51	54	27	1.058823529	0.529411765	0.923989126	0.72375825
RVBD_0594	mce2F	25	22	13	0.88	0.52	1	1
RVBD_0595c	-	15	15	17	1	1.133333333	1	1
RVBD_0596c	-	14	14	23	1	1.642857143	1	1
RVBD_0597c	-	14	12	17	0.857142857	1.214285714	1	1
RVBD_0598c	-	106	73	104	0.688679245	0.981132075	0.841828671	1
RVBD_0599c	-	23	8	13	0.347826087	0.565217391	1	1
RVBD_0600c	-	84	98	19	1.166666667	0.226190476	1	0.05823024
RVBD_0601c	-	8	7	1	0.875	0.125	1	1
RVBD_0602c	tcrA	5	2	1	0.4	0.2	1	1
RVBD_0603	-	4	3	1	0.75	0.25	1	1
RVBD_0604	lpqO	19	22	20	1.157894737	1.052631579	1	1
RVBD_0605	-	40	29	33	0.725	0.825	1	1
RVBD_0606	-	25	30	37	1.2	1.48	1	1
RVBD_0607	-	13	18	16	1.384615385	1.230769231	1	1
RVBD_0608	-	126	275	189	2.182539683	1.5	0.061292945	0.546153592
RVBD_0609	-	19	46	38	2.421052632	2	1	1
RVBD_0609A	-	53	68	72	1.283018868	1.358490566	0.829616665	0.930031208
RVBD_0610c	-	6	7	11	1.166666667	1.833333333	1	1
RVBD_0611c	-	69	24	32	0.347826087	0.463768116	0.121188017	0.973741648
RVBD_0612	-	4	14	17	3.5	4.25	1	1
RVBD_0613c	-	65	67	73	1.030769231	1.123076923	0.915990849	1
RVBD_0614	-	10	13	3	1.3	0.3	1	1
RVBD_0615	-	65	101	75	1.553846154	1.153846154	0.764789801	1
RVBD_0616A	-	321	161	150	0.501557632	0.46728972	0.784430687	0.608604541
RVBD_0616c	-	14	9	2	0.642857143	0.142857143	1	1
RVBD_0617	-	22	24	32	1.090909091	1.454545455	1	1
RVBD_0618	galTa	17	12	13	0.705882353	0.764705882	1	1
RVBD_0619	galTb	27	31	17	1.148148148	0.62962963	1	1
RVBD_0620	galK	3	2	1	0.666666667	0.333333333	1	1
RVBD_0621	-	3	3	1	1	0.333333333	1	1
RVBD_0622	-	10	7	6	0.7	0.6	1	1
RVBD_0623	-	27	32	27	1.185185185	1	1	1
RVBD_0624	-	109	95	108	0.871559633	0.990825688	1	1
RVBD_0625c	-	32	33	34	1.03125	1.0625	1	1
RVBD_0626	-	88	166	152	1.886363636	1.727272727	0.269379819	0.448239419
RVBD_0627	-	17	12	14	0.705882353	0.823529412	1	1
RVBD_0628c	-	19	20	22	1.052631579	1.157894737	1	1
RVBD_0629c	recD	12	5	9	0.416666667	0.75	1	1
RVBD_0630c	recB	10	7	5	0.7	0.5	1	1
RVBD_0631c	recC	4	3	2	0.75	0.5	1	1
RVBD_0632c	echA3	91	54	62	0.593406593	0.681318681	0.880289359	0.759403435
RVBD_0633c	-	71	49	54	0.690140845	0.76056338	0.919513756	0.870505379
RVBD_0634A	-	56	76	46	1.357142857	0.821428571	0.834666228	1
RVBD_0634B	rpmG	292	1003	639	3.434931507	2.188356164	0.125133128	0.434258635
RVBD_0634c	-	62	59	56	0.951612903	0.903225806	1	1
RVBD_0635	-	571	997	872	1.746059545	1.527145359	1	1
RVBD_0636	-	180	162	182	0.9	1.011111111	0.858035267	1
RVBD_0637	-	344	208	270	0.604651163	0.784883721	0.305415489	0.75483588
RVBD_0638	secE	398	471	457	1.183417085	1.148241206	0.959136661	1
RVBD_0639	nusG	376	639	609	1.699468085	1.619680851	1	1
RVBD_0640	rplK	2172	4240	3602	1.952117864	1.658379374	0.659918403	0.588867471
RVBD_0641	rplA	375	462	540	1.232	1.44	0.958013554	1
RVBD_0642c	mmaA4	105	121	149	1.152380952	1.419047619	0.958013554	1
RVBD_0643c	mmaA3	53	108	87	2.037735849	1.641509434	0.903888556	0.802708056
RVBD_0644c	mmaA2	47	73	40	1.553191489	0.85106383	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0645c	mmaA1	39	36	23	0.923076923	0.58974359	1	1
RVBD_0646c	lipG	41	27	38	0.658536585	0.926829268	0.798959281	1
RVBD_0647c	-	20	22	30	1.1	1.5	1	1
RVBD_0648	-	3	3	2	1	0.666666667	1	1
RVBD_0649	fabD2	0	2	1	#DIV/0!	#DIV/0!	1	1
RVBD_0650	-	0	1	1	#DIV/0!	#DIV/0!	1	1
RVBD_0651	rplJ	90	176	94	1.955555556	1.044444444	0.93169404	1
RVBD_0652	rplL	87	198	161	2.275862069	1.850574713	0.077457178	0.298233759
RVBD_0653c	-	30	40	27	1.333333333	0.9	1	1
RVBD_0654	-	14	12	10	0.857142857	0.714285714	1	1
RVBD_0655	mkl	1425	921	1205	0.646315789	0.845614035	0.714506542	1
RVBD_0656c	-	43	59	59	1.372093023	1.372093023	0.858035267	0.848218109
RVBD_0657c	-	43	58	52	1.348837209	1.209302326	1	1
RVBD_0658c	-	101	103	102	1.01980198	1.00990099	0.880289359	0.998759774
RVBD_0659c	-	206	267	284	1.296116505	1.378640777	1	1
RVBD_0660c	-	601	696	672	1.158069884	1.118136439	1	1
RVBD_0661c	-	4	1	2	0.25	0.5	1	1
RVBD_0662c	-	0	1	1	#DIV/0!	#DIV/0!	1	1
RVBD_0663	atsD	54	57	44	1.055555556	0.814814815	0.902715918	0.810617219
RVBD_0664	-	12	25	20	2.083333333	1.666666667	1	1
RVBD_0665	-	64	52	60	0.8125	0.9375	1	0.966722897
RVBD_0666	-	20	26	18	1.3	0.9	1	1
RVBD_0667	rpoB	666	604	780	0.906906907	1.171171171	1	1
RVBD_0668	rpoC	624	512	682	0.820512821	1.092948718	0.871689417	1
RVBD_0669c	-	18	20	15	1.111111111	0.833333333	1	1
RVBD_0670	end	183	128	158	0.699453552	0.863387978	0.495552241	0.868813448
RVBD_0671	lpqP	37	42	45	1.135135135	1.216216216	0.714381187	0.698343057
RVBD_0672	fadE8	103	72	83	0.699029126	0.805825243	0.458431574	0.795227584
RVBD_0673	echA4	64	28	44	0.4375	0.6875	0.41313747	0.811722235
RVBD_0674	-	31	27	39	0.870967742	1.258064516	1	1
RVBD_0675	echA5	18	25	26	1.388888889	1.444444444	1	1
RVBD_0676c	mmpL5	228	300	232	1.315789474	1.01754386	1	1
RVBD_0677c	mmpS5	274	162	218	0.591240876	0.795620438	0.563537523	0.740261424
RVBD_0678	-	121	191	153	1.578512397	1.26446281	1	1
RVBD_0679c	-	110	116	108	1.054545455	0.981818182	1	1
RVBD_0680c	-	33	18	17	0.545454545	0.515151515	1	1
RVBD_0681	-	59	53	68	0.898305085	1.152542373	1	0.830391917
RVBD_0682	rpsL	1287	1198	847	0.930846931	0.658119658	0.867813526	0.698343057
RVBD_0683	rpsG	739	1064	662	1.439783491	0.895805142	1	0.91443022
RVBD_0684	fusA1	642	671	575	1.04517134	0.895638629	1	1
RVBD_0685	tuf	769	982	710	1.276983095	0.923276983	1	1
RVBD_0686	-	68	65	69	0.955882353	1.014705882	1	1
RVBD_0687	fabG	77	67	49	0.87012987	0.636363636	0.912984619	0.730623019
RVBD_0688	-	47	51	42	1.085106383	0.893617021	1	1
RVBD_0689c	-	0	1	1	#DIV/0!	#DIV/0!	1	1
RVBD_0690c	-	108	167	162	1.546296296	1.5	1	1
RVBD_0691A	-	132	45	59	0.340909091	0.446969697	0.168937164	0.952929854
RVBD_0691c	-	74	70	54	0.945945946	0.72972973	1	1
RVBD_0692	-	58	57	112	0.982758621	1.931034483	1	0.440375784
RVBD_0693	pqqE	53	49	84	0.924528302	1.58490566	0.91599635	1
RVBD_0694	lldD1	117	110	154	0.94017094	1.316239316	0.784430687	1
RVBD_0695	-	37	32	53	0.864864865	1.432432432	1	0.5873121
RVBD_0696	-	27	19	27	0.703703704	1	1	1
RVBD_0697	-	23	12	11	0.52173913	0.47826087	1	1
RVBD_0698	-	108	56	60	0.518518519	0.555555556	0.756577335	0.707501388
RVBD_0699	-	4	3	6	0.75	1.5	1	1
RVBD_0700	rpsJ	6053	6084	7770	1.005121427	1.283660995	1	0.920406734
RVBD_0701	rplC	2200	2304	2733	1.047272727	1.242272727	1	1
RVBD_0702	rplD	1162	1952	2029	1.679862306	1.746127367	0.915990849	0.688393314
RVBD_0703	rplW	5784	7853	7056	1.357710927	1.219917012	1	1
RVBD_0704	rplB	1126	1309	1583	1.162522202	1.405861456	1	0.811722235
RVBD_0705	rpsS	2688	2971	3810	1.105282738	1.417410714	1	1
RVBD_0706	rplV	224	346	503	1.544642857	2.245535714	1	0.405651288
RVBD_0707	rpsC	1184	2372	1759	2.003378378	1.485641892	0.608178893	0.698343057
RVBD_0708	rplP	1802	2084	1927	1.156492786	1.06936737	1	1
RVBD_0709	rpmC	1573	5519	3735	3.508582327	2.374443738	0.507082351	1
RVBD_0710	rpsQ	5431	6014	6060	1.107346713	1.115816608	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0711	atsA	122	172	148	1.409836066	1.213114754	1	1
RVBD_0712	-	37	48	43	1.297297297	1.162162162	0.639372212	0.770709577
RVBD_0713	-	42	44	36	1.047619048	0.857142857	0.962879379	1
RVBD_0714	rplN	672	813	818	1.209821429	1.217261905	0.933316667	1
RVBD_0715	rplX	945	573	669	0.606349206	0.707936508	0.326232522	0.917246498
RVBD_0716	rplE	2158	3499	2392	1.621408712	1.108433735	0.93169404	1
RVBD_0717	rpsN	634	1351	1069	2.130914826	1.686119874	0.855960728	0.745287947
RVBD_0718	rpsH	1527	812	1150	0.531761624	0.753110675	0.33143566	0.709509328
RVBD_0719	rplF	1485	1931	2247	1.3003367	1.513131313	1	0.878859561
RVBD_0720	rplR	539	1829	1276	3.393320965	2.367346939	0.31204753	0.639905368
RVBD_0721	rpsE	1365	1512	1703	1.107692308	1.247619048	1	1
RVBD_0722	rpmD	942	2247	1944	2.385350318	2.063694268	0.590908298	0.440375784
RVBD_0723	rplO	247	411	370	1.663967611	1.497975709	1	1
RVBD_0724	sppA	481	465	525	0.966735967	1.091476091	1	1
RVBD_0725c	-	12	22	23	1.833333333	1.916666667	1	1
RVBD_0726c	-	40	55	62	1.375	1.55	1	0.940751218
RVBD_0727c	fucA	6	4	1	0.666666667	0.166666667	1	1
RVBD_0728c	serA2	8	5	2	0.625	0.25	1	1
RVBD_0729	xylB	16	13	6	0.8125	0.375	1	1
RVBD_0730	-	86	100	92	1.162790698	1.069767442	1	1
RVBD_0731c	-	9	11	9	1.222222222	1	1	1
RVBD_0732	secY	116	102	81	0.879310345	0.698275862	0.716731661	0.671639699
RVBD_0733	adk	60	43	51	0.716666667	0.85	1	0.938963252
RVBD_0734	mapA	17	9	13	0.529411765	0.764705882	1	1
RVBD_0735	sigL	3	15	15	5	5	1	1
RVBD_0736	-	11	5	3	0.454545455	0.272727273	1	1
RVBD_0737	-	10	4	2	0.4	0.2	1	1
RVBD_0738	-	15	11	14	0.733333333	0.933333333	1	1
RVBD_0739	-	14	23	15	1.642857143	1.071428571	1	1
RVBD_0740	-	22	24	20	1.090909091	0.909090909	1	1
RVBD_0741	-	446	181	328	0.405829596	0.735426009	0.312975222	0.709509328
RVBD_0742	PE_PGRS8	4	3	2	0.75	0.5	1	1
RVBD_0743c	-	9	7	8	0.777777778	0.888888889	1	1
RVBD_0744Ac	-	4	2	1	0.5	0.25	1	1
RVBD_0744c	-	124	66	72	0.532258065	0.580645161	0.755111825	0.729762994
RVBD_0745	-	7	4	1	0.571428571	0.142857143	1	1
RVBD_0746	PE_PGRS9	1	2	1	2	1	1	1
RVBD_0747	PE_PGRS10	26	67	32	2.576923077	1.230769231	0.858035267	1
RVBD_0748	-	63	49	54	0.777777778	0.857142857	1	1
RVBD_0749	-	23	30	30	1.304347826	1.304347826	1	1
RVBD_0749A	-	52	23	35	0.442307692	0.673076923	0.906906998	0.988940364
RVBD_0750	-	30	36	22	1.2	0.733333333	1	1
RVBD_0751c	mmsB	17	16	18	0.941176471	1.058823529	1	1
RVBD_0752c	fadE9	17	17	18	1	1.058823529	1	1
RVBD_0753c	mmsA	83	39	43	0.469879518	0.518072289	0.437430368	0.17661212
RVBD_0754	PE_PGRS11	7	9	3	1.285714286	0.428571429	1	1
RVBD_0755A	-	168	100	135	0.595238095	0.803571429	1	0.952929854
RVBD_0755c	PPE12	51	113	56	2.215686275	1.098039216	0.884514182	0.986873481
RVBD_0756c	-	88	45	53	0.511363636	0.602272727	0.702967331	0.72375825
RVBD_0757	phoP	207	188	190	0.90821256	0.917874396	0.755111825	0.921089415
RVBD_0758	phoR	25	22	19	0.88	0.76	1	1
RVBD_0759c	-	34	57	36	1.676470588	1.058823529	0.681867914	1
RVBD_0760c	-	126	148	105	1.174603175	0.833333333	1	1
RVBD_0761c	adhB	117	149	114	1.273504274	0.974358974	1	0.959191529
RVBD_0762c	-	48	128	90	2.666666667	1.875	0.009750949	0.30506074
RVBD_0763c	-	237	358	281	1.510548523	1.185654008	1	1
RVBD_0764c	cyp51	120	154	139	1.283333333	1.158333333	1	1
RVBD_0765c	-	121	101	107	0.834710744	0.884297521	0.731998251	0.794734641
RVBD_0766c	cyp123	15	12	12	0.8	0.8	1	1
RVBD_0767c	-	27	16	23	0.592592593	0.851851852	1	1
RVBD_0768	aldA	100	90	111	0.9	1.11	0.751451805	1
RVBD_0769	-	37	50	43	1.351351351	1.162162162	0.622410812	0.711500177
RVBD_0770	-	27	32	35	1.185185185	1.296296296	1	1
RVBD_0771	-	21	18	11	0.857142857	0.523809524	1	1
RVBD_0772	purD	20	18	19	0.9	0.95	1	1
RVBD_0773c	ggtA	61	46	51	0.754098361	0.836065574	0.731998251	0.72375825
RVBD_0774c	-	18	14	16	0.777777778	0.888888889	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0775	-	34	39	35	1.147058824	1.029411765	1	0.884732008
RVBD_0776c	-	11	6	4	0.545454545	0.363636364	1	1
RVBD_0777	purB	251	183	222	0.729083665	0.884462151	0.649856605	0.902852422
RVBD_0778	cyp126	61	30	40	0.491803279	0.655737705	0.782065513	0.623743985
RVBD_0779c	-	1	1	1	1	1	1	1
RVBD_0780	hemH	34	46	48	1.352941176	1.411764706	0.608178893	0.608604541
RVBD_0781	ptrBa	141	209	220	1.482269504	1.560283688	1	1
RVBD_0782	ptrBb	33	27	24	0.818181818	0.727272727	1	1
RVBD_0783c	emrB	24	35	41	1.458333333	1.708333333	1	1
RVBD_0784	-	21	175	269	8.333333333	12.80952381	9.00E-33	1.18E-59
RVBD_0785	-	53	345	376	6.509433962	7.094339623	1.70E-07	7.07E-10
RVBD_0786c	-	32	24	29	0.75	0.90625	1	1
RVBD_0787	-	26	44	41	1.692307692	1.576923077	1	1
RVBD_0787A	-	589	458	545	0.777589134	0.925297114	0.608178893	0.923142382
RVBD_0788	purQ	35	42	44	1.2	1.257142857	0.846457823	0.709509328
RVBD_0789c	-	65	49	45	0.753846154	0.692307692	1	1
RVBD_0790c	-	118	97	98	0.822033898	0.830508475	0.797010124	0.698255754
RVBD_0791c	-	67	43	46	0.641791045	0.686567164	0.880289359	0.698649835
RVBD_0792c	-	163	173	152	1.061349693	0.932515337	0.90602222	0.920406734
RVBD_0793	-	69	37	42	0.536231884	0.608695652	0.919513756	1
RVBD_0794c	-	8	5	6	0.625	0.75	1	1
RVBD_0795	-	142	81	74	0.570422535	0.521126761	0.639372212	1
RVBD_0796	-	132	155	48	1.174242424	0.363636364	1	0.12351482
RVBD_0797	-	25	26	11	1.04	0.44	1	1
RVBD_0798c	cfp29	22	22	22	1	1	1	1
RVBD_0799c	-	33	46	36	1.393939394	1.090909091	1	1
RVBD_0800	pepC	18	20	16	1.111111111	0.888888889	1	1
RVBD_0801	-	16	10	9	0.625	0.5625	1	1
RVBD_0802c	-	10	12	10	1.2	1	1	1
RVBD_0803	purL	35	33	34	0.942857143	0.971428571	0.838541445	0.949018785
RVBD_0804	-	5	13	12	2.6	2.4	1	1
RVBD_0805	-	591	618	643	1.045685279	1.087986464	0.921423372	1
RVBD_0806c	cpsY	34	65	68	1.911764706	2	1	0.864850215
RVBD_0807	-	8	16	14	2	1.75	1	1
RVBD_0808	purF	106	138	142	1.301886792	1.339622642	1	0.753539701
RVBD_0809	purM	130	246	198	1.892307692	1.523076923	0.919513756	0.707501388
RVBD_0810c	-	218	319	269	1.463302752	1.233944954	0.93169404	1
RVBD_0811c	-	124	138	138	1.112903226	1.112903226	0.958013554	1
RVBD_0812	-	42	40	24	0.952380952	0.571428571	1	1
RVBD_0813c	-	32	77	71	2.40625	2.21875	0.037277622	0.196838807
RVBD_0814c	sseC2	217	240	284	1.105990783	1.30875576	0.92648477	1
RVBD_0815c	cysA2	201	180	227	0.895522388	1.129353234	0.754121991	1
RVBD_0816c	thiX	2	2	3	1	1.5	1	1
RVBD_0817c	-	11	8	5	0.727272727	0.454545455	1	1
RVBD_0818	-	96	79	121	0.822916667	1.260416667	0.871689417	1
RVBD_0819	-	59	34	70	0.576271186	1.186440678	0.754391792	1
RVBD_0820	phoT	65	0	41	0	0.630769231	0	1
RVBD_0821c	phoY2	799	849	1270	1.062578223	1.589486859	0.907158673	1
RVBD_0822c	-	122	105	138	0.860655738	1.131147541	0.72657358	1
RVBD_0823c	-	921	618	1009	0.671009772	1.095548317	0.714381187	1
RVBD_0824c	desA1	2258	2494	2352	1.104517272	1.041629761	1	1
RVBD_0825c	-	28	34	27	1.214285714	0.964285714	1	1
RVBD_0826	-	4	7	7	1.75	1.75	1	1
RVBD_0827c	-	107	239	148	2.23364486	1.38317757	0.826779574	1
RVBD_0828c	-	5	5	2	1	0.4	1	1
RVBD_0829	-	3	2	1	0.666666667	0.333333333	1	1
RVBD_0830	-	19	20	22	1.052631579	1.157894737	1	1
RVBD_0831c	-	341	253	296	0.741935484	0.868035191	0.608178893	1
RVBD_0832	PE_PGRS12	6	6	5	1	0.833333333	1	1
RVBD_0833	PE_PGRS13	0	2	1	#DIV/0!	#DIV/0!	1	1
RVBD_0834c	PE_PGRS14	22	27	25	1.227272727	1.136363636	1	1
RVBD_0835	lpqQ	55	31	31	0.563636364	0.563636364	0.829146669	1
RVBD_0836c	-	39	39	11	1	0.282051282	1	0.707501388
RVBD_0837c	-	42	26	14	0.619047619	0.333333333	0.716358656	0.355534874
RVBD_0838	lpqR	6	3	4	0.5	0.666666667	1	1
RVBD_0839	-	39	62	55	1.58974359	1.41025641	0.400459333	0.612305419
RVBD_0840c	pip	19	12	10	0.631578947	0.526315789	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0841	-	6	3	2	0.5	0.333333333	1	1
RVBD_0842	-	5	5	4	1	0.8	1	1
RVBD_0843	-	4	4	4	1	1	1	1
RVBD_0844c	narL	52	23	40	0.442307692	0.769230769	0.861784414	1
RVBD_0845	-	8	7	6	0.875	0.75	1	1
RVBD_0846c	-	64	73	80	1.140625	1.25	0.93640995	1
RVBD_0847	lpqS	62	271	199	4.370967742	3.209677419	3.02E-09	3.71E-04
RVBD_0848	cysK2	103	105	165	1.019417476	1.601941748	0.880764793	0.993864452
RVBD_0849	-	107	94	143	0.878504673	1.336448598	0.714008551	1
RVBD_0850	-	176	166	214	0.943181818	1.215909091	0.92912762	1
RVBD_0851c	-	10	9	8	0.9	0.8	1	1
RVBD_0852	fadD16	19	17	13	0.894736842	0.684210526	1	1
RVBD_0853c	pdc	13	6	5	0.461538462	0.384615385	1	1
RVBD_0854	-	104	122	56	1.173076923	0.538461538	1	1
RVBD_0855	far	5	7	6	1.4	1.2	1	1
RVBD_0856	-	259	376	326	1.451737452	1.258687259	1	1
RVBD_0857	-	189	115	152	0.608465608	0.804232804	0.755306567	0.654573245
RVBD_0858c	-	9	6	4	0.666666667	0.444444444	1	1
RVBD_0859	fadA	70	68	70	0.971428571	1	0.833322729	0.930031208
RVBD_0860	fadB	178	111	151	0.623595506	0.848314607	0.409459054	0.868813448
RVBD_0861c	ercc3	44	54	57	1.227272727	1.295454545	1	1
RVBD_0862c	-	10	11	7	1.1	0.7	1	1
RVBD_0863	-	123	110	117	0.894308943	0.951219512	1	0.938828591
RVBD_0864	moaC	176	344	298	1.954545455	1.693181818	1	1
RVBD_0865	mog	96	121	115	1.260416667	1.197916667	1	1
RVBD_0866	moaE2	134	227	156	1.694029851	1.164179104	1	1
RVBD_0867c	rpfA	46	42	49	0.913043478	1.065217391	0.93169404	1
RVBD_0868c	moaD2	29	67	42	2.310344828	1.448275862	0.334294751	1
RVBD_0869c	moaA	33	22	36	0.666666667	1.090909091	1	1
RVBD_0870c	-	32	17	29	0.53125	0.90625	1	1
RVBD_0871	cspB	33	34	51	1.03030303	1.545454545	1	1
RVBD_0872c	PE_PGRS15	72	76	34	1.055555556	0.472222222	0.901867969	0.133570767
RVBD_0873	fadE10	66	63	73	0.954545455	1.106060606	0.787033693	1
RVBD_0874c	-	34	37	28	1.088235294	0.823529412	1	1
RVBD_0875c	-	65	43	46	0.661538462	0.707692308	1	1
RVBD_0876c	-	57	80	63	1.403508772	1.105263158	1	1
RVBD_0877	-	50	65	70	1.3	1.4	0.93169404	0.932959914
RVBD_0878c	PPE13	52	64	56	1.230769231	1.076923077	1	1
RVBD_0879c	-	7	6	5	0.857142857	0.714285714	1	1
RVBD_0880	-	7	3	2	0.428571429	0.285714286	1	1
RVBD_0881	-	19	15	13	0.789473684	0.684210526	1	1
RVBD_0882	-	11	17	16	1.545454545	1.454545455	1	1
RVBD_0883c	-	36	29	36	0.805555556	1	1	0.802708056
RVBD_0884c	serC	37	45	63	1.216216216	1.702702703	1	0.804083227
RVBD_0885	-	186	307	306	1.650537634	1.64516129	1	0.734957262
RVBD_0886	fprB	626	789	688	1.260383387	1.099041534	1	1
RVBD_0887c	-	14	17	10	1.214285714	0.714285714	1	1
RVBD_0888	-	48	53	27	1.104166667	0.5625	0.908555325	0.635337798
RVBD_0889c	citA	25	17	21	0.68	0.84	1	1
RVBD_0890c	-	11	12	12	1.090909091	1.090909091	1	1
RVBD_0891c	-	101	148	186	1.465346535	1.841584158	1	1
RVBD_0892	-	16	11	8	0.6875	0.5	1	1
RVBD_0893c	-	19	24	11	1.263157895	0.578947368	1	1
RVBD_0894	-	24	27	10	1.125	0.416666667	1	1
RVBD_0895	-	7	7	2	1	0.285714286	1	1
RVBD_0896	gltA	268	252	250	0.940298507	0.932835821	0.864210829	0.916928307
RVBD_0897c	-	14	14	14	1	1	1	1
RVBD_0898c	-	266	181	192	0.680451128	0.721804511	0.880764793	0.709338061
RVBD_0899	ompA	64	44	35	0.6875	0.546875	0.91544648	0.722034704
RVBD_0900	-	18	47	58	2.611111111	3.222222222	1	1
RVBD_0901	-	29	55	48	1.896551724	1.655172414	1	1
RVBD_0902c	prrB	56	29	42	0.517857143	0.75	0.82161812	0.706754821
RVBD_0903c	prrA	103	39	73	0.378640777	0.708737864	0.283459243	0.69527146
RVBD_0904c	accD3	14	8	8	0.571428571	0.571428571	1	1
RVBD_0905	echA6	405	225	315	0.555555556	0.777777778	0.203449026	1
RVBD_0906	-	53	51	55	0.962264151	1.037735849	0.92282666	1
RVBD_0907	-	25	24	24	0.96	0.96	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0908	ctpE	28	35	38	1.25	1.357142857	1	1
RVBD_0909	-	1175	535	742	0.455319149	0.631489362	0.056944209	0.248798914
RVBD_0910	-	145	229	227	1.579310345	1.565517241	1	1
RVBD_0911	-	13	7	6	0.538461538	0.461538462	1	1
RVBD_0912	-	12	5	6	0.416666667	0.5	1	1
RVBD_0913c	-	23	23	19	1	0.826086957	1	1
RVBD_0914c	-	96	110	66	1.145833333	0.6875	1	0.608604541
RVBD_0915c	PPE14	7	9	6	1.285714286	0.857142857	1	1
RVBD_0916c	PE7	7	2	1	0.285714286	0.142857143	1	1
RVBD_0917	betP	48	40	42	0.833333333	0.875	0.794048903	0.744830882
RVBD_0918	-	52	51	26	0.980769231	0.5	1	1
RVBD_0919	-	19	26	23	1.368421053	1.210526316	1	1
RVBD_0920c	-	62	108	87	1.741935484	1.403225806	1	1
RVBD_0921	-	28	41	24	1.464285714	0.857142857	1	1
RVBD_0922	-	112	203	168	1.8125	1.5	0.93169404	0.709509328
RVBD_0923c	-	7	6	5	0.857142857	0.714285714	1	1
RVBD_0924c	mntH	6	7	6	1.166666667	1	1	1
RVBD_0925c	-	19	37	33	1.947368421	1.736842105	1	1
RVBD_0926c	-	28	34	41	1.214285714	1.464285714	1	1
RVBD_0927c	-	5	6	6	1.2	1.2	1	1
RVBD_0928	pstS3	300	3275	3129	10.91666667	10.43	1.10E-10	1.05E-13
RVBD_0929	pstC2	30	170	1	5.666666667	0.033333333	1.05E-19	1
RVBD_0930	pstA1	37	68	1	1.837837838	0.027027027	0.305415489	0.440375784
RVBD_0931c	pknD	256	205	230	0.80078125	0.8984375	0.786822902	0.798334533
RVBD_0932c	pstS2	726	963	1067	1.326446281	1.46969697	1	0.911555079
RVBD_0933	pstB	505	529	506	1.047524752	1.001980198	0.914239835	0.846530976
RVBD_0934	pstS1	60	50	49	0.833333333	0.816666667	0.902037337	0.796739125
RVBD_0935	pstC1	48	31	53	0.645833333	1.104166667	0.82161812	1
RVBD_0936	pstA2	55	46	53	0.836363636	0.963636364	1	1
RVBD_0937c	-	100	153	111	1.53	1.11	1	1
RVBD_0938	-	56	48	57	0.857142857	1.017857143	0.685105967	0.986873481
RVBD_0939	-	121	86	115	0.710743802	0.950413223	0.528211934	1
RVBD_0940c	-	26	24	21	0.923076923	0.807692308	1	1
RVBD_0941c	-	12	9	12	0.75	1	1	1
RVBD_0942	-	7	7	1	1	0.142857143	1	1
RVBD_0943c	-	5	2	1	0.4	0.2	1	1
RVBD_0944	-	17	9	7	0.529411765	0.411764706	1	1
RVBD_0945	-	132	127	97	0.962121212	0.734848485	0.82161812	0.604355596
RVBD_0946c	pgi	69	52	26	0.753623188	0.376811594	0.649856605	0.133570767
RVBD_0948c	-	600	186	311	0.31	0.518333333	0.031156487	0.204085481
RVBD_0949	uvrD1	43	30	29	0.697674419	0.674418605	0.702967331	0.499258214
RVBD_0950c	-	111	68	88	0.612612613	0.792792793	0.611069967	0.711669739
RVBD_0951	sucC	225	261	261	1.16	1.16	0.92648477	1
RVBD_0952	sucD	172	79	122	0.459302326	0.709302326	0.211780724	0.698343057
RVBD_0953c	-	10	6	2	0.6	0.2	1	1
RVBD_0954	-	139	103	131	0.741007194	0.942446043	0.590908298	0.917246498
RVBD_0955	-	34	26	42	0.764705882	1.235294118	1	1
RVBD_0956	purN	129	265	163	2.054263566	1.263565891	1	1
RVBD_0957	purH	79	85	95	1.075949367	1.202531646	0.915990849	1
RVBD_0958	-	23	21	22	0.913043478	0.956521739	1	1
RVBD_0959	-	62	91	73	1.467741935	1.177419355	1	1
RVBD_0959A	-	15	8	11	0.533333333	0.733333333	1	1
RVBD_0960	-	33	23	40	0.696969697	1.212121212	1	1
RVBD_0961	-	205	120	209	0.585365854	1.019512195	0.871689417	1
RVBD_0962c	lprP	17	24	6	1.411764706	0.352941176	1	1
RVBD_0963c	-	12	13	11	1.083333333	0.916666667	1	1
RVBD_0964c	-	57	36	48	0.631578947	0.842105263	1	0.91443022
RVBD_0965c	-	109	112	106	1.027522936	0.972477064	1	1
RVBD_0966c	-	41	56	56	1.365853659	1.365853659	0.615983882	0.608604541
RVBD_0967	-	763	808	775	1.05897772	1.015727392	0.903888556	1
RVBD_0968	-	319	372	520	1.166144201	1.630094044	0.984127414	1
RVBD_0969	ctpV	142	138	153	0.971830986	1.077464789	0.875608495	0.94907422
RVBD_0970	-	49	28	44	0.571428571	0.897959184	1	0.884732008
RVBD_0971c	echA7	32	27	27	0.84375	0.84375	1	1
RVBD_0972c	fadE12	170	250	185	1.470588235	1.088235294	1	1
RVBD_0973c	accA2	224	146	129	0.651785714	0.575892857	0.590908298	0.718293999
RVBD_0974c	accD2	106	65	74	0.613207547	0.698113208	0.321063211	0.639905368

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_0975c	fadE13	87	57	71	0.655172414	0.816091954	0.702329603	0.711500177
RVBD_0976c	-	48	34	34	0.708333333	0.708333333	0.826779574	0.608604541
RVBD_0977	PE_PGRS16	14	17	10	1.214285714	0.714285714	1	1
RVBD_0978c	PE_PGRS17	3	3	1	1	0.333333333	1	1
RVBD_0979A	rpmF	86	74	53	0.860465116	0.61627907	1	1
RVBD_0979c	-	2	0	1	0	0.5	1	1
RVBD_0980c	PE_PGRS18	3	2	1	0.666666667	0.333333333	1	1
RVBD_0981	mprA	92	28	40	0.304347826	0.434782609	0.041290697	0.666046711
RVBD_0982	mprB	332	362	340	1.090361446	1.024096386	0.915990849	0.911555079
RVBD_0983	pepD	657	297	402	0.452054795	0.611872146	0.18139244	0.5855818
RVBD_0984	moaB2	343	155	259	0.451895044	0.755102041	0.07885441	0.635337798
RVBD_0985c	mscL	36	25	21	0.694444444	0.583333333	1	1
RVBD_0986	-	46	27	38	0.586956522	0.826086957	0.919513756	1
RVBD_0987	-	34	34	30	1	0.882352941	0.843028335	0.766924167
RVBD_0988	-	42	81	58	1.928571429	1.380952381	0.992142901	1
RVBD_0989c	grcC2	18	19	13	1.055555556	0.722222222	1	1
RVBD_0990c	-	7	6	10	0.857142857	1.428571429	1	1
RVBD_0991c	-	369	289	463	0.78197832	1.254742547	0.641000847	1
RVBD_0992c	-	28	16	19	0.571428571	0.678571429	1	1
RVBD_0993	galU	83	49	50	0.590361446	0.602409639	0.846457823	0.608604541
RVBD_0994	moeA1	97	64	82	0.659793814	0.845360825	0.532154092	0.809007415
RVBD_0995	rimJ	11	16	9	1.454545455	0.818181818	1	1
RVBD_0996	-	73	52	75	0.712328767	1.02739726	0.840379762	1
RVBD_0997	-	67	76	96	1.134328358	1.432835821	0.807592566	0.5855818
RVBD_0998	-	69	68	68	0.985507246	0.985507246	0.890252628	0.930031208
RVBD_0999	-	26	16	16	0.615384615	0.615384615	1	1
RVBD_1000c	-	53	31	38	0.58490566	0.716981132	0.965592918	1
RVBD_1001	arcA	24	20	21	0.833333333	0.875	1	1
RVBD_1002c	-	21	17	13	0.80952381	0.619047619	1	1
RVBD_1003	-	29	22	25	0.75862069	0.862068966	1	1
RVBD_1004c	-	8	8	8	1	1	1	1
RVBD_1005c	pabB	22	20	20	0.909090909	0.909090909	1	1
RVBD_1006	-	106	74	81	0.698113208	0.764150943	0.446044865	0.709338061
RVBD_1007c	metG	26	35	21	1.346153846	0.807692308	1	1
RVBD_1008	tatD	2	3	2	1.5	1	1	1
RVBD_1009	rpfB	160	88	124	0.55	0.775	0.211780724	0.734957262
RVBD_1010	ksgA	35	22	24	0.628571429	0.685714286	1	1
RVBD_1011	ispE	18	8	10	0.444444444	0.555555556	1	1
RVBD_1012	-	17	8	5	0.470588235	0.294117647	1	1
RVBD_1013	pks16	59	43	57	0.728813559	0.966101695	0.72657358	0.868813448
RVBD_1014c	pth	37	52	40	1.405405405	1.081081081	0.621295745	0.866098507
RVBD_1015c	rplY	217	135	169	0.622119816	0.778801843	0.393791938	0.771561727
RVBD_1016c	lpqT	28	30	27	1.071428571	0.964285714	1	1
RVBD_1017c	prsA	76	91	91	1.197368421	1.197368421	0.958013554	1
RVBD_1018c	glmU	27	39	40	1.444444444	1.481481481	1	1
RVBD_1019	-	112	114	73	1.017857143	0.651785714	0.908555325	0.711500177
RVBD_1020	mfd	48	42	43	0.875	0.895833333	0.714506542	0.874085147
RVBD_1021	-	80	157	133	1.9625	1.6625	1	1
RVBD_1022	lpqU	22	17	28	0.772727273	1.272727273	1	1
RVBD_1023	eno	133	104	105	0.781954887	0.789473684	0.608178893	0.764648027
RVBD_1024	-	34	24	35	0.705882353	1.029411765	1	0.849233451
RVBD_1025	-	40	18	23	0.45	0.575	0.655717976	1
RVBD_1026	-	6	4	5	0.666666667	0.833333333	1	1
RVBD_1027c	kdpE	6	6	3	1	0.5	1	1
RVBD_1028A	kdpF	10	6	6	0.6	0.6	1	1
RVBD_1028c	kdpD	14	14	13	1	0.928571429	1	1
RVBD_1029	kdpA	14	11	7	0.785714286	0.5	1	1
RVBD_1030	kdpB	9	7	4	0.777777778	0.444444444	1	1
RVBD_1031	kdpC	11	9	9	0.818181818	0.818181818	1	1
RVBD_1032c	trcS	23	17	13	0.739130435	0.565217391	1	1
RVBD_1033c	trcR	9	9	6	1	0.666666667	1	1
RVBD_1034c	-	9	4	3	0.444444444	0.333333333	1	1
RVBD_1035c	-	17	15	10	0.882352941	0.588235294	1	1
RVBD_1036c	-	21	25	23	1.19047619	1.095238095	1	1
RVBD_1037c	esxI	197	1233	1149	6.258883249	5.83248731	2.30E-06	7.07E-10
RVBD_1038c	esxJ	1548	8623	8027	5.570413437	5.185400517	0.002759749	4.95E-04
RVBD_1039c	PPE15	32	25	13	0.78125	0.40625	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1040c	PE8	31	32	23	1.032258065	0.741935484	1	1
RVBD_1041c	-	244	309	277	1.266393443	1.135245902	0.92648477	1
RVBD_1042c	-	119	153	129	1.285714286	1.084033613	1	1
RVBD_1043c	-	58	111	91	1.913793103	1.568965517	1	1
RVBD_1044	-	29	44	43	1.517241379	1.482758621	1	1
RVBD_1045	-	41	35	18	0.853658537	0.43902439	1	0.796739125
RVBD_1046c	-	805	1345	1407	1.670807453	1.747826087	1	1
RVBD_1047	-	54	56	21	1.037037037	0.388888889	0.906386678	0.608604541
RVBD_1048c	-	23	35	31	1.52173913	1.347826087	1	1
RVBD_1049	-	13	32	23	2.461538462	1.769230769	1	1
RVBD_1050	-	14	8	4	0.571428571	0.285714286	1	1
RVBD_1051c	-	11	10	2	0.909090909	0.181818182	1	1
RVBD_1052	-	34	26	23	0.764705882	0.676470588	1	1
RVBD_1053c	-	8	9	1	1.125	0.125	1	1
RVBD_1054	-	67	86	75	1.28358209	1.119402985	0.790282941	0.86391887
RVBD_1055	-	516	304	258	0.589147287	0.5	0.871689417	0.654573245
RVBD_1056	-	13	15	13	1.153846154	1	1	1
RVBD_1057	-	41	40	83	0.975609756	2.024390244	1	0.500983057
RVBD_1058	fadD14	26	18	18	0.692307692	0.692307692	1	1
RVBD_1059	-	111	94	63	0.846846847	0.567567568	0.711461508	0.279646474
RVBD_1060	-	18	13	11	0.722222222	0.611111111	1	1
RVBD_1061	-	147	200	176	1.360544218	1.197278912	1	1
RVBD_1062	-	8	8	8	1	1	1	1
RVBD_1063c	-	28	18	21	0.642857143	0.75	1	1
RVBD_1064c	lpqV	43	30	24	0.697674419	0.558139535	1	1
RVBD_1065	-	136	159	247	1.169117647	1.816176471	0.940756528	1
RVBD_1066	-	5	6	19	1.2	3.8	1	1
RVBD_1067c	PE_PGRS19	2	1	1	0.5	0.5	1	1
RVBD_1068c	PE_PGRS20	9	8	3	0.888888889	0.333333333	1	1
RVBD_1069c	-	23	25	25	1.086956522	1.086956522	1	1
RVBD_1070c	echA8	13	26	21	2	1.615384615	1	1
RVBD_1071c	echA9	27	30	21	1.111111111	0.777777778	1	1
RVBD_1072	-	1330	1143	1414	0.859398496	1.063157895	1	1
RVBD_1073	-	422	824	712	1.952606635	1.687203791	1	1
RVBD_1074c	fadA3	106	62	73	0.58490566	0.688679245	0.454966888	0.608604541
RVBD_1075c	-	2	5	5	2.5	2.5	1	1
RVBD_1076	lipU	62	76	60	1.225806452	0.967741935	1	1
RVBD_1077	cbs	64	36	43	0.5625	0.671875	0.755111825	0.5855818
RVBD_1078	pra	63	59	67	0.936507937	1.063492063	1	1
RVBD_1079	metB	59	70	69	1.186440678	1.169491525	0.974370535	1
RVBD_1080c	greA	638	707	845	1.10815047	1.324451411	0.919513756	0.986873481
RVBD_1081c	-	25	16	16	0.64	0.64	1	1
RVBD_1082	mca	82	86	92	1.048780488	1.12195122	0.890948381	1
RVBD_1083	-	74	32	34	0.432432432	0.459459459	0.589615594	0.952929854
RVBD_1084	-	8	6	6	0.75	0.75	1	1
RVBD_1085c	-	29	23	28	0.793103448	0.965517241	1	1
RVBD_1086	-	35	39	41	1.114285714	1.171428571	0.851363741	0.706754821
RVBD_1087	PE_PGRS21	5	7	5	1.4	1	1	1
RVBD_1087A	-	0	2	1	#DIV/0!	#DIV/0!	1	1
RVBD_1088	PE9	4	3	3	0.75	0.75	1	1
RVBD_1089	PE10	4	6	3	1.5	0.75	1	1
RVBD_1089A	celA2a	11	11	9	1	0.818181818	1	1
RVBD_1090	celA2b	18	21	12	1.166666667	0.666666667	1	1
RVBD_1091	PE_PGRS22	4	9	5	2.25	1.25	1	1
RVBD_1092c	coaA	66	55	44	0.833333333	0.666666667	0.91599635	0.777152161
RVBD_1093	glyA	98	34	57	0.346938776	0.581632653	0.379907268	0.37806119
RVBD_1094	desA2	11281	15114	12624	1.339774843	1.11904973	0.326232522	0.866098507
RVBD_1095	phoH2	326	255	417	0.782208589	1.279141104	0.755111825	1
RVBD_1096	-	122	129	184	1.057377049	1.508196721	0.90602222	1
RVBD_1097c	-	225	216	165	0.96	0.733333333	0.755183282	0.440375784
RVBD_1098c	fumC	63	93	73	1.476190476	1.158730159	1	1
RVBD_1099c	glpX	102	266	207	2.607843137	2.029411765	0.495552241	0.608604541
RVBD_1100	-	25	47	35	1.88	1.4	1	1
RVBD_1101c	-	96	79	91	0.822916667	0.947916667	0.702967331	0.89424366
RVBD_1102c	-	286	134	153	0.468531469	0.534965035	0.731998251	0.486612225
RVBD_1103c	-	116	59	99	0.50862069	0.853448276	0.655717976	1
RVBD_1104	-	6	6	6	1	1	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1105	-	7	4	2	0.571428571	0.285714286	1	1
RVBD_1106c	-	60	31	34	0.516666667	0.566666667	0.755111825	0.702910576
RVBD_1107c	xseB	856	1106	1015	1.292056075	1.185747664	0.949907301	1
RVBD_1108c	xseA	49	93	64	1.897959184	1.306122449	1	1
RVBD_1109c	-	336	135	275	0.401785714	0.818452381	0.022296535	0.673977041
RVBD_1110	ispH	99	89	94	0.898989899	0.949494949	0.766812666	0.86391887
RVBD_1111c	-	94	52	57	0.553191489	0.606382979	0.72657358	0.486612225
RVBD_1112	-	26	27	22	1.038461538	0.846153846	1	1
RVBD_1113	-	107	126	114	1.177570093	1.065420561	0.974182046	0.872655295
RVBD_1114	-	13	18	13	1.384615385	1	1	1
RVBD_1115	-	18	14	13	0.777777778	0.722222222	1	1
RVBD_1116	-	1	6	3	6	3	1	1
RVBD_1116A	-	8	10	9	1.25	1.125	1	1
RVBD_1117	-	414	258	306	0.623188406	0.739130435	0.438198147	0.709338061
RVBD_1118c	-	21	11	10	0.523809524	0.476190476	1	1
RVBD_1119c	-	0	0	1	#DIV/0!	#DIV/0!	1	1
RVBD_1120c	-	12	4	1	0.333333333	0.083333333	1	1
RVBD_1121	zwf1	68	58	81	0.852941176	1.191176471	0.755111825	1
RVBD_1122	gnd2	40	60	59	1.5	1.475	1	0.945637085
RVBD_1123c	bpoB	36	21	25	0.583333333	0.694444444	1	1
RVBD_1124	ephC	7	5	3	0.714285714	0.428571429	1	1
RVBD_1125	-	7	4	2	0.571428571	0.285714286	1	1
RVBD_1126c	-	25	28	27	1.12	1.08	1	1
RVBD_1127c	ppdK	110	116	147	1.054545455	1.336363636	0.93169404	0.76325135
RVBD_1128c	-	49	47	44	0.959183673	0.897959184	0.903888556	0.874085147
RVBD_1129c	-	39	55	59	1.41025641	1.512820513	1	1
RVBD_1130	-	136	161	182	1.183823529	1.338235294	0.910369245	1
RVBD_1131	gltA1	54	61	69	1.12962963	1.277777778	0.935869467	1
RVBD_1132	-	26	20	23	0.769230769	0.884615385	1	1
RVBD_1133c	metE	83	73	84	0.879518072	1.012048193	0.685105967	1
RVBD_1134	-	3	6	2	2	0.666666667	1	1
RVBD_1135A	-	8	10	2	1.25	0.25	1	1
RVBD_1135c	PPE16	21	22	9	1.047619048	0.428571429	1	1
RVBD_1136	-	6	2	1	0.333333333	0.166666667	1	1
RVBD_1137c	-	12	5	5	0.416666667	0.416666667	1	1
RVBD_1138c	-	8	10	8	1.25	1	1	1
RVBD_1139c	-	7	9	11	1.285714286	1.571428571	1	1
RVBD_1140	-	42	12	25	0.285714286	0.595238095	0.004335275	1
RVBD_1141c	echA11	22	23	20	1.045454545	0.909090909	1	1
RVBD_1142c	echA10	40	16	18	0.4	0.45	0.702967331	0.911555079
RVBD_1143	mcr	40	52	48	1.3	1.2	1	1
RVBD_1144	-	24	17	12	0.708333333	0.5	1	1
RVBD_1144Ac	-	260	208	135	0.8	0.519230769	1	1
RVBD_1145	mmpL13a	25	14	8	0.56	0.32	1	1
RVBD_1146	mmpL13b	3	3	2	1	0.666666667	1	1
RVBD_1147	-	10	8	6	0.8	0.6	1	1
RVBD_1148c	-	171	259	246	1.514619883	1.438596491	1	1
RVBD_1151c	-	15	16	12	1.066666667	0.8	1	1
RVBD_1152	-	73	76	50	1.04109589	0.684931507	0.959136661	1
RVBD_1153c	omt	9	4	3	0.444444444	0.333333333	1	1
RVBD_1154c	-	18	20	16	1.111111111	0.888888889	1	1
RVBD_1155	-	128	69	91	0.5390625	0.7109375	0.714506542	0.930031208
RVBD_1156	-	857	587	673	0.684947491	0.78529755	0.650723606	0.709509328
RVBD_1157c	-	30	23	22	0.766666667	0.733333333	1	1
RVBD_1158c	-	86	197	166	2.290697674	1.930232558	0.93169404	0.967664899
RVBD_1159	pimE	38	29	23	0.763157895	0.605263158	0.99062955	1
RVBD_1159A	phhB	42	128	86	3.047619048	2.047619048	0.048133698	0.709456002
RVBD_1160	mutT2	8	6	3	0.75	0.375	1	1
RVBD_1161	narG	277	178	256	0.642599278	0.924187726	0.663708552	1
RVBD_1162	narH	364	722	499	1.983516484	1.370879121	0.840379762	1
RVBD_1163	narJ	19	22	24	1.157894737	1.263157895	1	1
RVBD_1164	narI	44	43	49	0.977272727	1.113636364	0.93169404	0.780809757
RVBD_1165	typA	62	49	57	0.790322581	0.919354839	0.655717976	0.878859561
RVBD_1166	lpqW	42	33	33	0.785714286	0.785714286	0.837616361	0.698343057
RVBD_1167c	-	93	138	131	1.483870968	1.408602151	1	1
RVBD_1168c	PPE17	883	1173	944	1.328425821	1.069082673	1	1
RVBD_1169c	PE11	796	749	813	0.940954774	1.021356784	0.786822902	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1170	mshB	14	9	10	0.642857143	0.714285714	1	1
RVBD_1171	-	197	75	86	0.38071066	0.436548223	0.370518133	0.486612225
RVBD_1172c	PE12	379	400	387	1.055408971	1.021108179	0.915381913	0.917246498
RVBD_1173	fbiC	56	43	53	0.767857143	0.946428571	0.608178893	0.952929854
RVBD_1174c	TB8.4	163	106	169	0.650306748	1.036809816	0.880764793	1
RVBD_1175c	fadH	97	104	93	1.072164948	0.958762887	0.819392675	1
RVBD_1176c	-	77	228	136	2.961038961	1.766233766	0.396467872	0.707296548
RVBD_1177	fdxC	2423	2056	2726	0.848534874	1.125051589	0.864210829	1
RVBD_1178	-	577	487	775	0.844020797	1.343154246	0.82161812	1
RVBD_1179c	-	28	29	24	1.035714286	0.857142857	1	1
RVBD_1181	pks4	54	51	58	0.944444444	1.074074074	0.864210829	0.937247059
RVBD_1182	papA3	62	31	44	0.5	0.709677419	0.745680594	0.596277673
RVBD_1183	mmpL10	57	99	94	1.736842105	1.649122807	1	0.608604541
RVBD_1184c	-	395	997	952	2.524050633	2.410126582	0.799628112	0.871317491
RVBD_1185c	fadD21	744	1220	1155	1.639784946	1.552419355	1	0.596277673
RVBD_1186c	-	21	18	13	0.857142857	0.619047619	1	1
RVBD_1187	rocA	17	15	10	0.882352941	0.588235294	1	1
RVBD_1188	-	4	7	6	1.75	1.5	1	1
RVBD_1189	sigI	10	6	4	0.6	0.4	1	1
RVBD_1190	-	4	2	1	0.5	0.25	1	1
RVBD_1191	-	12	31	14	2.583333333	1.166666667	1	1
RVBD_1192	-	96	36	72	0.375	0.75	0.326232522	0.69029503
RVBD_1193	fadD36	24	28	33	1.166666667	1.375	1	1
RVBD_1194c	-	121	143	158	1.181818182	1.305785124	1	0.878859561
RVBD_1195	PE13	11089	7719	14784	0.69609523	1.333213094	0.790282941	0.766198752
RVBD_1196	PPE18	824	1813	1142	2.200242718	1.38592233	0.446044865	0.811722235
RVBD_1197	esxK	14277	22449	18285	1.572389157	1.280731246	1	0.796739125
RVBD_1198	esxL	1483	2611	2298	1.760620364	1.549561699	1	1
RVBD_1199c	-	53	57	22	1.075471698	0.41509434	0.914239835	0.608604541
RVBD_1200	-	32	23	28	0.71875	0.875	1	1
RVBD_1201c	-	33	50	61	1.515151515	1.848484848	1	1
RVBD_1202	dapE	33	45	43	1.363636364	1.303030303	1	1
RVBD_1203c	-	8	6	3	0.75	0.375	1	1
RVBD_1204c	-	4	4	4	1	1	1	1
RVBD_1205	-	34	105	104	3.088235294	3.058823529	4.26E-04	0.02014293
RVBD_1206	fadD6	11	15	13	1.363636364	1.181818182	1	1
RVBD_1207	folP2	124	144	105	1.161290323	0.846774194	1	0.811722235
RVBD_1208	-	106	95	78	0.896226415	0.735849057	0.756617125	0.608604541
RVBD_1209	-	33	32	39	0.96969697	1.181818182	1	1
RVBD_1210	tagA	93	123	106	1.322580645	1.139784946	1	1
RVBD_1211	-	420	319	447	0.75952381	1.064285714	0.731134577	0.952929854
RVBD_1212c	-	13	23	10	1.769230769	0.769230769	1	1
RVBD_1213	glgC	45	40	36	0.888888889	0.8	0.93169404	1
RVBD_1214c	PE14	12	6	5	0.5	0.416666667	1	1
RVBD_1215c	-	44	42	37	0.954545455	0.840909091	0.865737767	0.798334533
RVBD_1216c	-	11	8	8	0.727272727	0.727272727	1	1
RVBD_1217c	-	8	6	7	0.75	0.875	1	1
RVBD_1218c	-	33	37	22	1.121212121	0.666666667	1	1
RVBD_1219c	-	39	29	23	0.743589744	0.58974359	1	1
RVBD_1220c	-	32	37	45	1.15625	1.40625	1	1
RVBD_1221	sigE	1427	945	987	0.662228451	0.691660827	0.681867914	0.945159047
RVBD_1222	-	209	349	325	1.669856459	1.555023923	1	1
RVBD_1223	htrA	470	565	511	1.20212766	1.087234043	1	1
RVBD_1224	tatB	825	578	712	0.700606061	0.863030303	0.547608182	0.94163448
RVBD_1225c	-	14	8	7	0.571428571	0.5	1	1
RVBD_1226c	-	9	6	9	0.666666667	1	1	1
RVBD_1227c	-	9	5	9	0.555555556	1	1	1
RVBD_1228	lpqX	4	8	4	2	1	1	1
RVBD_1229c	mrp	170	174	149	1.023529412	0.876470588	0.807592566	0.766198752
RVBD_1230c	-	35	32	28	0.914285714	0.8	1	1
RVBD_1231c	-	51	132	86	2.588235294	1.68627451	0.012040895	0.440375784
RVBD_1232c	-	18	18	17	1	0.944444444	1	1
RVBD_1233c	-	265	958	531	3.61509434	2.003773585	0.033536419	0.440375784
RVBD_1234	-	47	26	40	0.553191489	0.85106383	1	0.937063129
RVBD_1235	lpqY	24	24	19	1	0.791666667	1	1
RVBD_1236	sugA	59	44	58	0.745762712	0.983050847	0.932879322	1
RVBD_1237	sugB	11	9	8	0.818181818	0.727272727	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1238	sugC	40	50	43	1.25	1.075	1	1
RVBD_1239c	corA	56	47	44	0.839285714	0.785714286	0.919513756	0.857550019
RVBD_1240	mdh	111	74	69	0.666666667	0.621621622	0.635495169	0.405651288
RVBD_1241	-	107	69	60	0.644859813	0.560747664	1	1
RVBD_1242	-	50	41	16	0.82	0.32	1	0.849233451
RVBD_1243c	PE_PGRS23	6	10	8	1.666666667	1.333333333	1	1
RVBD_1244	lpqZ	18	13	16	0.722222222	0.888888889	1	1
RVBD_1245c	-	61	135	108	2.213114754	1.770491803	0.876877031	0.802708056
RVBD_1246c	-	30	43	32	1.433333333	1.066666667	1	1
RVBD_1247c	-	21	58	38	2.761904762	1.80952381	1	1
RVBD_1248c	kgd	117	85	91	0.726495726	0.777777778	0.702329603	0.785086632
RVBD_1249c	-	40	53	40	1.325	1	0.609704519	0.810919035
RVBD_1250	-	19	15	14	0.789473684	0.736842105	1	1
RVBD_1251c	-	29	49	36	1.689655172	1.24137931	1	1
RVBD_1252c	lprE	65	35	54	0.538461538	0.830769231	0.563537523	1
RVBD_1253	deaD	55	46	48	0.836363636	0.872727273	0.748508458	0.756025187
RVBD_1254	-	49	27	34	0.551020408	0.693877551	0.731998251	0.89424366
RVBD_1255c	-	57	45	45	0.789473684	0.789473684	1	1
RVBD_1256c	cyp130	42	39	29	0.928571429	0.69047619	1	1
RVBD_1257c	-	58	30	45	0.517241379	0.775862069	0.807592566	0.698255754
RVBD_1258c	-	21	11	20	0.523809524	0.952380952	1	1
RVBD_1259	-	8	11	11	1.375	1.375	1	1
RVBD_1260	-	64	57	73	0.890625	1.140625	0.87936014	1
RVBD_1261c	-	129	137	101	1.062015504	0.782945736	1	0.930031208
RVBD_1262c	-	43	78	71	1.813953488	1.651162791	0.326232522	0.608604541
RVBD_1263	amiB2	9	7	5	0.777777778	0.555555556	1	1
RVBD_1264	-	84	101	113	1.202380952	1.345238095	1	1
RVBD_1265	-	130	129	184	0.992307692	1.415384615	0.83642236	1
RVBD_1266c	pknH	68	42	34	0.617647059	0.5	0.485950484	0.172735184
RVBD_1267c	embR	10	6	3	0.6	0.3	1	1
RVBD_1268c	-	9	5	4	0.555555556	0.444444444	1	1
RVBD_1269c	-	25	44	21	1.76	0.84	1	1
RVBD_1270c	lprA	68	82	70	1.205882353	1.029411765	1	1
RVBD_1271c	-	30	29	16	0.966666667	0.533333333	1	1
RVBD_1272c	-	26	31	31	1.192307692	1.192307692	1	1
RVBD_1273c	-	12	14	10	1.166666667	0.833333333	1	1
RVBD_1274	lprB	92	62	83	0.673913043	0.902173913	0.880289359	1
RVBD_1275	lprC	155	91	140	0.587096774	0.903225806	0.794328298	0.802708056
RVBD_1276c	-	5	1	1	0.2	0.2	1	1
RVBD_1277	-	38	24	31	0.631578947	0.815789474	0.818796868	1
RVBD_1278	-	28	20	24	0.714285714	0.857142857	1	1
RVBD_1279	-	107	101	96	0.943925234	0.897196262	0.827268264	0.886517501
RVBD_1280c	oppA	217	177	158	0.815668203	0.728110599	0.784430687	0.86391887
RVBD_1281c	oppD	7	9	10	1.285714286	1.428571429	1	1
RVBD_1282c	oppC	22	13	9	0.590909091	0.409090909	1	1
RVBD_1283c	oppB	45	36	36	0.8	0.8	1	1
RVBD_1284	-	23	25	17	1.086956522	0.739130435	1	1
RVBD_1285	cysD	348	388	311	1.114942529	0.893678161	0.928335372	0.91443022
RVBD_1286	cysN	423	580	365	1.371158392	0.862884161	1	1
RVBD_1287	-	194	321	259	1.654639175	1.335051546	1	1
RVBD_1288	-	24	24	20	1	0.833333333	1	1
RVBD_1289	-	23	17	12	0.739130435	0.52173913	1	1
RVBD_1290A	-	5	7	3	1.4	0.6	1	1
RVBD_1290c	-	20	24	26	1.2	1.3	1	1
RVBD_1291c	-	2	0	1	0	0.5	1	1
RVBD_1292	argS	66	77	72	1.166666667	1.090909091	1	1
RVBD_1293	lysA	85	91	102	1.070588235	1.2	0.919513756	1
RVBD_1294	thrA	98	176	188	1.795918367	1.918367347	1	0.580115397
RVBD_1295	thrC	188	322	317	1.712765957	1.686170213	1	1
RVBD_1296	thrB	71	59	60	0.830985915	0.845070423	0.902037337	0.813977151
RVBD_1297	rho	2426	3578	3056	1.47485573	1.259686727	1	0.839481497
RVBD_1298	rpmE	12061	10780	10571	0.893789901	0.876461322	1	1
RVBD_1299	prfA	736	960	1196	1.304347826	1.625	1	0.784980182
RVBD_1300	hemK	177	157	238	0.88700565	1.344632768	0.750772888	0.74585772
RVBD_1301	-	78	106	137	1.358974359	1.756410256	1	0.866098507
RVBD_1302	rfe	76	56	80	0.736842105	1.052631579	0.746909681	0.940500053
RVBD_1303	-	549	795	741	1.448087432	1.349726776	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1304	atpB	559	842	851	1.506261181	1.52236136	1	1
RVBD_1305	atpE	161	248	171	1.540372671	1.062111801	0.91599635	1
RVBD_1306	atpF	2515	1236	1864	0.491451292	0.741153082	0.326232522	1
RVBD_1307	atpH	1249	1466	1207	1.173738991	0.966373098	1	1
RVBD_1308	atpA	1333	807	730	0.60540135	0.547636909	0.702329603	0.608604541
RVBD_1309	atpG	343	545	452	1.588921283	1.317784257	1	0.986873481
RVBD_1310	atpD	270	416	414	1.540740741	1.533333333	1	1
RVBD_1311	atpC	209	105	178	0.502392344	0.851674641	0.797010124	0.798334533
RVBD_1312	-	115	92	116	0.8	1.008695652	1	1
RVBD_1313c	-	78	73	31	0.935897436	0.397435897	0.807592566	0.246629811
RVBD_1314c	-	24	16	15	0.666666667	0.625	1	1
RVBD_1315	murA	40	43	34	1.075	0.85	1	1
RVBD_1316c	ogt	126	111	114	0.880952381	0.904761905	0.91599635	0.930031208
RVBD_1317c	alkA	26	21	19	0.807692308	0.730769231	1	1
RVBD_1318c	-	8	9	7	1.125	0.875	1	1
RVBD_1319c	-	16	25	18	1.5625	1.125	1	1
RVBD_1320c	-	20	18	15	0.9	0.75	1	1
RVBD_1321	-	306	252	307	0.823529412	1.003267974	0.655717976	1
RVBD_1322	-	8	19	18	2.375	2.25	1	1
RVBD_1322A	-	821	255	438	0.310596833	0.533495737	9.10E-06	0.702577442
RVBD_1323	fadA4	281	202	224	0.71886121	0.797153025	0.599792517	0.93222473
RVBD_1324	-	238	264	328	1.109243697	1.378151261	0.876587469	1
RVBD_1325c	PE_PGRS24	9	12	13	1.333333333	1.444444444	1	1
RVBD_1326c	glgB	45	48	52	1.066666667	1.155555556	0.906386678	1
RVBD_1327c	glgE	53	61	67	1.150943396	1.264150943	0.999044636	1
RVBD_1328	glgP	53	66	63	1.245283019	1.188679245	1	1
RVBD_1329c	dinG	20	14	20	0.7	1	1	1
RVBD_1330c	-	14	13	10	0.928571429	0.714285714	1	1
RVBD_1331	clpS	209	280	266	1.339712919	1.272727273	1	1
RVBD_1332	-	164	151	188	0.920731707	1.146341463	0.786822902	1
RVBD_1333	-	37	66	61	1.783783784	1.648648649	0.861784414	0.79378162
RVBD_1334	-	42	54	61	1.285714286	1.452380952	0.910369245	0.74172664
RVBD_1335	-	65	122	114	1.876923077	1.753846154	0.301516087	0.596277673
RVBD_1336	cysM	124	93	100	0.75	0.806451613	0.611069967	0.766198752
RVBD_1337	-	100	62	91	0.62	0.91	0.867956402	0.864850215
RVBD_1338	murI	108	71	88	0.657407407	0.814814815	0.766812666	0.674863306
RVBD_1339	-	58	58	63	1	1.086206897	1	1
RVBD_1340	rph	160	124	155	0.775	0.96875	0.635495169	0.942354643
RVBD_1341	-	20	50	35	2.5	1.75	1	1
RVBD_1342c	-	158	216	203	1.367088608	1.284810127	1	1
RVBD_1343c	lprD	79	71	130	0.898734177	1.64556962	1	0.440375784
RVBD_1344	-	21	9	13	0.428571429	0.619047619	1	1
RVBD_1345	fadD33	39	22	30	0.564102564	0.769230769	0.829146669	0.861187337
RVBD_1346	fadE14	85	110	94	1.294117647	1.105882353	1	1
RVBD_1347c	-	96	84	94	0.875	0.979166667	0.919513756	1
RVBD_1348	-	24	17	20	0.708333333	0.833333333	1	1
RVBD_1349	-	15	14	19	0.933333333	1.266666667	1	1
RVBD_1350	fabG	45	31	30	0.688888889	0.666666667	1	1
RVBD_1351	-	24	47	34	1.958333333	1.416666667	1	1
RVBD_1352	-	41	69	64	1.682926829	1.56097561	0.635495169	0.794734641
RVBD_1353c	-	18	16	7	0.888888889	0.388888889	1	1
RVBD_1354c	-	23	18	10	0.782608696	0.434782609	1	1
RVBD_1355c	moeY	7	7	5	1	0.714285714	1	1
RVBD_1356c	-	16	13	4	0.8125	0.25	1	1
RVBD_1357c	-	6	5	1	0.833333333	0.166666667	1	1
RVBD_1358	-	8	7	3	0.875	0.375	1	1
RVBD_1359	-	8	5	3	0.625	0.375	1	1
RVBD_1360	-	76	57	57	0.75	0.75	0.84878059	0.698343057
RVBD_1361c	PPE19	230	398	630	1.730434783	2.739130435	1	0.998759774
RVBD_1362c	-	27	59	46	2.185185185	1.703703704	1	1
RVBD_1363c	-	104	170	169	1.634615385	1.625	1	1
RVBD_1364c	-	35	41	36	1.171428571	1.028571429	0.977444741	1
RVBD_1365c	rsfA	70	120	67	1.714285714	0.957142857	0.326232522	0.849233451
RVBD_1366	-	23	26	21	1.130434783	0.913043478	1	1
RVBD_1366A	-	82	134	121	1.634146341	1.475609756	0.411160707	0.616692371
RVBD_1367c	-	8	7	7	0.875	0.875	1	1
RVBD_1368	lprF	39	58	43	1.487179487	1.102564103	0.477323308	0.75805332

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1369c	-	130	155	48	1.192307692	0.369230769	1	0.133570767
RVBD_1370c	-	140	81	75	0.578571429	0.535714286	0.648377431	1
RVBD_1371	-	19	17	4	0.894736842	0.210526316	1	1
RVBD_1372	-	18	13	16	0.722222222	0.888888889	1	1
RVBD_1373	-	25	26	18	1.04	0.72	1	1
RVBD_1374c	-	9	9	6	1	0.666666667	1	1
RVBD_1375	-	16	13	14	0.8125	0.875	1	1
RVBD_1376	-	15	13	11	0.866666667	0.733333333	1	1
RVBD_1377c	-	14	20	18	1.428571429	1.285714286	1	1
RVBD_1378c	-	27	28	27	1.037037037	1	1	1
RVBD_1379	pyrR	74	21	29	0.283783784	0.391891892	0.118557868	0.499258214
RVBD_1380	pyrB	21	15	18	0.714285714	0.857142857	1	1
RVBD_1381	pyrC	32	34	30	1.0625	0.9375	1	1
RVBD_1382	-	23	22	20	0.956521739	0.869565217	1	1
RVBD_1383	carA	104	56	48	0.538461538	0.461538462	0.563537523	0.156935011
RVBD_1384	carB	34	22	23	0.647058824	0.676470588	0.608178893	0.596277673
RVBD_1385	pyrF	2	4	4	2	2	1	1
RVBD_1386	PE15	74	6	3	0.081081081	0.040540541	9.55E-18	2.95E-07
RVBD_1387	PPE20	305	24	19	0.078688525	0.062295082	2.85E-33	7.55E-70
RVBD_1388	mihF	818	312	272	0.381418093	0.332518337	0.002213784	2.66E-07
RVBD_1389	gmk	57	37	42	0.649122807	0.736842105	0.880289359	1
RVBD_1390	rpoZ	745	884	898	1.186577181	1.205369128	0.93169404	1
RVBD_1391	dfp	145	425	297	2.931034483	2.048275862	0.236116227	0.440375784
RVBD_1392	metK	332	383	512	1.153614458	1.542168675	0.93209439	1
RVBD_1393c	-	17	14	10	0.823529412	0.588235294	1	1
RVBD_1394c	cyp132	23	23	10	1	0.434782609	1	1
RVBD_1395	-	1	1	1	1	1	1	1
RVBD_1396c	PE_PGRS25	147	176	149	1.197278912	1.013605442	0.932106294	1
RVBD_1397c	-	163	237	308	1.45398773	1.889570552	1	1
RVBD_1398c	-	235	102	160	0.434042553	0.680851064	0.338644689	0.802708056
RVBD_1399c	lipH	12	5	4	0.416666667	0.333333333	1	1
RVBD_1400c	lipI	26	16	29	0.615384615	1.115384615	1	1
RVBD_1401	-	20	9	11	0.45	0.55	1	1
RVBD_1402	priA	6	4	5	0.666666667	0.833333333	1	1
RVBD_1403c	-	5	5	2	1	0.4	1	1
RVBD_1404	-	103	174	127	1.689320388	1.233009709	1	1
RVBD_1405c	-	25	19	18	0.76	0.72	1	1
RVBD_1406	fmt	45	27	28	0.6	0.622222222	0.655717976	1
RVBD_1407	fmu	8	6	7	0.75	0.875	1	1
RVBD_1408	rpe	364	433	412	1.18956044	1.131868132	0.93169404	1
RVBD_1409	ribG	122	110	104	0.901639344	0.852459016	0.744463962	0.846530976
RVBD_1410c	-	113	90	116	0.796460177	1.026548673	0.611069967	1
RVBD_1411c	lprG	212	216	260	1.018867925	1.226415094	0.894264761	1
RVBD_1412	ribC	33	38	31	1.151515152	0.939393939	1	1
RVBD_1413	-	10	8	6	0.8	0.6	1	1
RVBD_1414	-	3	4	4	1.333333333	1.333333333	1	1
RVBD_1415	ribA2	253	282	268	1.114624506	1.059288538	0.924040436	0.952929854
RVBD_1416	ribH	74	83	112	1.121621622	1.513513514	0.829616665	0.706754821
RVBD_1417	-	48	44	55	0.916666667	1.145833333	1	0.798334533
RVBD_1418	lprH	40	46	53	1.15	1.325	0.819483533	0.619768967
RVBD_1419	-	297	398	487	1.34006734	1.63973064	1	0.635337798
RVBD_1420	uvrC	85	74	100	0.870588235	1.176470588	0.72657358	1
RVBD_1421	-	25	31	33	1.24	1.32	1	1
RVBD_1422	-	48	38	47	0.791666667	0.979166667	1	1
RVBD_1423	whiA	39	50	51	1.282051282	1.307692308	0.891718511	0.97945682
RVBD_1424c	-	61	52	50	0.852459016	0.819672131	1	1
RVBD_1425	-	26	29	20	1.115384615	0.769230769	1	1
RVBD_1426c	lipO	5	7	4	1.4	0.8	1	1
RVBD_1427c	fadD12	29	27	25	0.931034483	0.862068966	1	1
RVBD_1428c	-	52	45	21	0.865384615	0.403846154	1	0.596277673
RVBD_1429	-	13	10	6	0.769230769	0.461538462	1	1
RVBD_1430	PE16	9	8	4	0.888888889	0.444444444	1	1
RVBD_1431	-	25	17	11	0.68	0.44	1	1
RVBD_1432	-	6	6	4	1	0.666666667	1	1
RVBD_1433	-	14	17	13	1.214285714	0.928571429	1	1
RVBD_1434	-	11	24	27	2.181818182	2.454545455	1	1
RVBD_1435c	-	10	10	11	1	1.1	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1436	gap	166	133	209	0.801204819	1.259036145	0.635495169	0.817136649
RVBD_1437	pgk	184	164	180	0.891304348	0.97826087	0.742308542	1
RVBD_1438	tpiA	47	40	46	0.85106383	0.978723404	1	1
RVBD_1439c	-	11	8	15	0.727272727	1.363636364	1	1
RVBD_1440	secG	55	24	25	0.436363636	0.454545455	0.818796868	1
RVBD_1441c	PE_PGRS26	6	6	5	1	0.833333333	1	1
RVBD_1442	bisC	117	62	62	0.52991453	0.52991453	0.137781673	0.061259209
RVBD_1443c	-	31	30	39	0.967741935	1.258064516	1	1
RVBD_1444c	-	164	75	88	0.457317073	0.536585366	0.57635341	0.698343057
RVBD_1445c	devB	24	30	30	1.25	1.25	1	1
RVBD_1446c	opcA	27	40	39	1.481481481	1.444444444	1	1
RVBD_1447c	zwf2	91	172	143	1.89010989	1.571428571	0.93169404	0.696213131
RVBD_1448c	tal	113	129	129	1.14159292	1.14159292	0.98809297	1
RVBD_1449c	tkt	107	111	111	1.037383178	1.037383178	0.850584975	1
RVBD_1450c	PE_PGRS27	3	3	1	1	0.333333333	1	1
RVBD_1451	ctaB	53	66	57	1.245283019	1.075471698	1	1
RVBD_1452c	PE_PGRS28	6	5	2	0.833333333	0.333333333	1	1
RVBD_1453	-	13	12	9	0.923076923	0.692307692	1	1
RVBD_1454c	qor	12	8	9	0.666666667	0.75	1	1
RVBD_1455	-	24	15	13	0.625	0.541666667	1	1
RVBD_1456c	-	26	19	22	0.730769231	0.846153846	1	1
RVBD_1457c	-	15	3	6	0.2	0.4	1	1
RVBD_1458c	-	13	11	15	0.846153846	1.153846154	1	1
RVBD_1459c	-	46	22	25	0.47826087	0.543478261	0.756577335	0.556041098
RVBD_1460	-	58	69	65	1.189655172	1.120689655	1	1
RVBD_1461	-	212	280	233	1.320754717	1.099056604	1	1
RVBD_1462	-	102	174	123	1.705882353	1.205882353	1	1
RVBD_1463	-	77	118	85	1.532467532	1.103896104	1	1
RVBD_1464	csd	44	60	66	1.363636364	1.5	1	1
RVBD_1465	-	32	38	45	1.1875	1.40625	1	1
RVBD_1466	-	51	52	55	1.019607843	1.078431373	1	0.986873481
RVBD_1467c	fadE15	35	30	36	0.857142857	1.028571429	0.908555325	0.983280552
RVBD_1468c	PE_PGRS29	11	11	16	1	1.454545455	1	1
RVBD_1469	ctpD	7	12	9	1.714285714	1.285714286	1	1
RVBD_1470	trxA	47	38	47	0.808510638	1	1	1
RVBD_1471	trxB1	1227	960	860	0.782396088	0.700896496	0.756577335	0.730964134
RVBD_1472	echA12	448	270	362	0.602678571	0.808035714	0.340212287	0.866779961
RVBD_1473	-	43	45	44	1.046511628	1.023255814	0.887945064	0.963955494
RVBD_1473A	-	51	43	41	0.843137255	0.803921569	1	1
RVBD_1474c	-	24	25	31	1.041666667	1.291666667	1	1
RVBD_1475c	acn	115	190	148	1.652173913	1.286956522	1	0.963955494
RVBD_1476	-	95	97	117	1.021052632	1.231578947	1	1
RVBD_1477	-	104	92	100	0.884615385	0.961538462	0.716294256	0.962299132
RVBD_1478	-	35	25	22	0.714285714	0.628571429	1	1
RVBD_1479	moxR1	479	392	606	0.818371608	1.265135699	0.794328298	1
RVBD_1480	-	36	21	37	0.583333333	1.027777778	0.91599635	0.911555079
RVBD_1481	-	98	102	126	1.040816327	1.285714286	0.876483018	1
RVBD_1482c	-	11	8	3	0.727272727	0.272727273	1	1
RVBD_1483	fabG1	136	191	220	1.404411765	1.617647059	1	1
RVBD_1484	inhA	80	80	106	1	1.325	0.911649756	1
RVBD_1485	hemH	78	80	104	1.025641026	1.333333333	0.865065754	1
RVBD_1486c	-	71	57	67	0.802816901	0.943661972	0.919000656	0.973686122
RVBD_1487	-	109	135	199	1.23853211	1.825688073	1	0.624545453
RVBD_1488	-	207	261	244	1.260869565	1.178743961	0.958013554	1
RVBD_1489	-	155	88	129	0.567741935	0.832258065	0.745680594	1
RVBD_1489A	-	323	138	300	0.427244582	0.92879257	0.485950484	0.878859561
RVBD_1490	-	18	11	8	0.611111111	0.444444444	1	1
RVBD_1491c	-	39	70	101	1.794871795	2.58974359	0.228747364	0.005308952
RVBD_1492	mutA	21	19	22	0.904761905	1.047619048	1	1
RVBD_1493	mutB	43	49	51	1.139534884	1.186046512	0.934789931	1
RVBD_1494	-	62	50	59	0.806451613	0.951612903	1	1
RVBD_1495	-	27	32	37	1.185185185	1.37037037	1	1
RVBD_1496	-	60	81	66	1.35	1.1	1	1
RVBD_1497	lipL	78	77	65	0.987179487	0.833333333	0.843028335	0.742738925
RVBD_1498A	-	10	6	6	0.6	0.6	1	1
RVBD_1498c	-	118	90	110	0.762711864	0.93220339	0.871689417	0.874085147
RVBD_1499	-	18	16	6	0.888888889	0.333333333	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1500	-	100	194	125	1.94	1.25	1	1
RVBD_1501	-	121	101	86	0.834710744	0.710743802	0.731998251	0.551198765
RVBD_1502	-	33	53	36	1.606060606	1.090909091	1	1
RVBD_1505c	-	145	223	182	1.537931034	1.255172414	1	1
RVBD_1506c	-	75	86	100	1.146666667	1.333333333	0.875608495	0.902852422
RVBD_1507A	-	15	10	9	0.666666667	0.6	1	1
RVBD_1507c	-	135	370	192	2.740740741	1.422222222	0.563537523	1
RVBD_1508A	-	15	29	34	1.933333333	2.266666667	1	1
RVBD_1508c	-	171	108	92	0.631578947	0.538011696	0.393791938	0.04990868
RVBD_1509	-	44	67	39	1.522727273	0.886363636	0.919513756	1
RVBD_1510	-	17	7	8	0.411764706	0.470588235	1	1
RVBD_1511	gmdA	94	42	57	0.446808511	0.606382979	0.678340419	0.486612225
RVBD_1512	epiA	99	62	86	0.626262626	0.868686869	0.72657358	0.766924167
RVBD_1513	-	18	13	16	0.722222222	0.888888889	1	1
RVBD_1514c	-	25	25	9	1	0.36	1	1
RVBD_1515c	-	26	29	25	1.115384615	0.961538462	1	1
RVBD_1516c	-	25	19	20	0.76	0.8	1	1
RVBD_1517	-	14	8	4	0.571428571	0.285714286	1	1
RVBD_1518	-	15	17	9	1.133333333	0.6	1	1
RVBD_1519	-	43	164	113	3.813953488	2.627906977	0.001716115	0.475143319
RVBD_1520	-	148	167	179	1.128378378	1.209459459	1	1
RVBD_1521	fadD25	213	339	265	1.591549296	1.244131455	1	0.917584675
RVBD_1522c	mmpL12	74	57	53	0.77027027	0.716216216	0.639372212	0.756025187
RVBD_1523	-	20	12	10	0.6	0.5	1	1
RVBD_1524	-	13	15	12	1.153846154	0.923076923	1	1
RVBD_1525	wbbL2	38	46	28	1.210526316	0.736842105	0.674179957	1
RVBD_1526c	-	6	7	4	1.166666667	0.666666667	1	1
RVBD_1527c	pks5	18	15	11	0.833333333	0.611111111	1	1
RVBD_1528c	papA4	11	10	12	0.909090909	1.090909091	1	1
RVBD_1529	fadD24	85	97	73	1.141176471	0.858823529	1	0.868813448
RVBD_1530	adh	12	9	9	0.75	0.75	1	1
RVBD_1531	-	32	36	25	1.125	0.78125	1	1
RVBD_1532c	-	9	16	15	1.777777778	1.666666667	1	1
RVBD_1533	-	195	139	219	0.712820513	1.123076923	0.514045206	1
RVBD_1534	-	149	284	201	1.906040268	1.348993289	1	1
RVBD_1535	-	22	25	20	1.136363636	0.909090909	1	1
RVBD_1536	ileS	91	62	84	0.681318681	0.923076923	0.507082351	1
RVBD_1537	dinX	8	10	11	1.25	1.375	1	1
RVBD_1538c	ansA	11	12	11	1.090909091	1	1	1
RVBD_1539	lspA	30	29	45	0.966666667	1.5	1	1
RVBD_1540	-	53	56	58	1.056603774	1.094339623	1	1
RVBD_1541c	lprI	8	7	4	0.875	0.5	1	1
RVBD_1542c	glbN	9	10	5	1.111111111	0.555555556	1	1
RVBD_1543	-	55	81	80	1.472727273	1.454545455	1	1
RVBD_1544	-	46	37	43	0.804347826	0.934782609	1	1
RVBD_1545	-	101	106	101	1.04950495	1	1	0.874085147
RVBD_1546	-	73	165	116	2.260273973	1.589041096	0.048133698	0.486612225
RVBD_1547	dnaE	96	121	121	1.260416667	1.260416667	0.991524163	0.948893558
RVBD_1548c	PPE21	32	29	16	0.90625	0.5	1	1
RVBD_1549	fadD11.1	17	19	14	1.117647059	0.823529412	1	1
RVBD_1550	fadD11	21	13	8	0.619047619	0.380952381	1	1
RVBD_1551	plsB1	11	11	4	1	0.363636364	1	1
RVBD_1552	frdA	7	6	1	0.857142857	0.142857143	1	1
RVBD_1553	frdB	52	32	8	0.615384615	0.153846154	0.644862899	0.061915002
RVBD_1554	frdC	25	26	5	1.04	0.2	1	1
RVBD_1555	frdD	6	7	2	1.166666667	0.333333333	1	1
RVBD_1556	-	18	9	8	0.5	0.444444444	1	1
RVBD_1557	mmpL6	60	39	26	0.65	0.433333333	0.873925097	0.608604541
RVBD_1558	-	138	243	169	1.760869565	1.224637681	1	1
RVBD_1559	ilvA	80	41	58	0.5125	0.725	0.639372212	0.596277673
RVBD_1560	-	22	13	27	0.590909091	1.227272727	1	1
RVBD_1561	-	18	8	12	0.444444444	0.666666667	1	1
RVBD_1562c	treZ	7	8	3	1.142857143	0.428571429	1	1
RVBD_1563c	treY	14	13	10	0.928571429	0.714285714	1	1
RVBD_1564c	treX	61	79	83	1.295081967	1.360655738	1	1
RVBD_1565c	-	28	27	31	0.964285714	1.107142857	1	1
RVBD_1566c	-	63	60	74	0.952380952	1.174603175	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1567c	-	66	82	56	1.242424242	0.848484848	0.919513756	1
RVBD_1568	bioA	8	13	14	1.625	1.75	1	1
RVBD_1569	bioF1	6	3	7	0.5	1.166666667	1	1
RVBD_1570	bioD	9	7	8	0.777777778	0.888888889	1	1
RVBD_1571	-	4	6	5	1.5	1.25	1	1
RVBD_1572c	-	24	23	10	0.958333333	0.416666667	1	1
RVBD_1573	-	4	12	8	3	2	1	1
RVBD_1574	-	14	14	14	1	1	1	1
RVBD_1576c	-	172	113	103	0.656976744	0.598837209	0.409459054	0.153616088
RVBD_1577c	-	33	11	23	0.333333333	0.696969697	1	1
RVBD_1578c	-	43	14	18	0.325581395	0.418604651	0.377567083	0.905000907
RVBD_1579c	-	389	175	225	0.449871465	0.57840617	0.462559361	0.319341722
RVBD_1580c	-	69	126	76	1.826086957	1.101449275	0.312593868	0.888741304
RVBD_1581c	-	77	89	42	1.155844156	0.545454545	0.703179798	1
RVBD_1582c	-	13	18	12	1.384615385	0.923076923	1	1
RVBD_1583c	-	14	13	11	0.928571429	0.785714286	1	1
RVBD_1584c	-	51	65	79	1.274509804	1.549019608	0.855960728	0.874085147
RVBD_1585c	-	24	16	14	0.666666667	0.583333333	1	1
RVBD_1586c	-	183	200	178	1.092896175	0.972677596	0.908555325	1
RVBD_1587c	-	100	120	72	1.2	0.72	1	0.5855818
RVBD_1588c	-	81	64	43	0.790123457	0.530864198	0.940756528	0.86275849
RVBD_1589	bioB	102	183	118	1.794117647	1.156862745	1	1
RVBD_1590	-	8	12	19	1.5	2.375	1	1
RVBD_1591	-	43	38	44	0.88372093	1.023255814	1	0.798334533
RVBD_1592c	-	47	73	62	1.553191489	1.319148936	1	1
RVBD_1593c	-	94	205	117	2.180851064	1.244680851	1	1
RVBD_1594	nadA	163	92	121	0.564417178	0.742331288	0.246545439	0.709509328
RVBD_1595	nadB	321	182	249	0.566978193	0.775700935	0.381319443	0.707501388
RVBD_1596	nadC	263	217	233	0.825095057	0.885931559	0.674869885	0.987420092
RVBD_1597	-	145	90	132	0.620689655	0.910344828	0.628621197	0.864302386
RVBD_1598c	-	260	111	152	0.426923077	0.584615385	0.608178893	0.389271216
RVBD_1599	hisD	32	34	35	1.0625	1.09375	1	1
RVBD_1600	hisC1	79	90	58	1.139240506	0.734177215	0.93169404	0.597045913
RVBD_1601	hisB	125	217	156	1.736	1.248	1	1
RVBD_1602	hisH	51	103	85	2.019607843	1.666666667	0.125892076	0.440375784
RVBD_1603	hisA	97	111	109	1.144329897	1.12371134	0.922190318	1
RVBD_1604	impA	25	31	32	1.24	1.28	1	1
RVBD_1605	hisF	38	49	60	1.289473684	1.578947368	0.638780533	0.487602132
RVBD_1606	hisI	35	32	38	0.914285714	1.085714286	1	1
RVBD_1607	chaA	22	19	23	0.863636364	1.045454545	1	1
RVBD_1608c	bcpB	173	113	115	0.653179191	0.664739884	0.826779574	0.605859425
RVBD_1609	trpE	112	90	117	0.803571429	1.044642857	0.639372212	1
RVBD_1610	-	39	123	87	3.153846154	2.230769231	2.90E-04	0.087327077
RVBD_1611	trpC	109	77	111	0.706422018	1.018348624	0.775119765	0.920572517
RVBD_1612	trpB	115	237	225	2.060869565	1.956521739	0.833664939	0.499258214
RVBD_1613	trpA	75	144	119	1.92	1.586666667	1	1
RVBD_1614	lgt	57	70	74	1.228070175	1.298245614	1	1
RVBD_1615	-	603	689	606	1.142620232	1.004975124	0.922093555	1
RVBD_1616	-	27	30	35	1.111111111	1.296296296	1	1
RVBD_1617	pykA	62	44	63	0.709677419	1.016129032	0.782612232	0.911555079
RVBD_1618	tesB1	61	49	54	0.803278689	0.885245902	0.93640995	1
RVBD_1619	-	21	15	12	0.714285714	0.571428571	1	1
RVBD_1620c	cydC	29	30	29	1.034482759	1	1	1
RVBD_1621c	cydD	51	44	32	0.862745098	0.62745098	0.826779574	0.583996639
RVBD_1622c	cydB	99	68	83	0.686868687	0.838383838	0.674869885	0.74585772
RVBD_1623c	cydA	57	37	40	0.649122807	0.701754386	0.808536584	0.608604541
RVBD_1624c	-	26	19	13	0.730769231	0.5	1	1
RVBD_1625c	cya	89	60	71	0.674157303	0.797752809	0.57635341	0.756025187
RVBD_1626	-	272	295	301	1.084558824	1.106617647	0.99062955	1
RVBD_1627c	-	38	31	44	0.815789474	1.157894737	1	1
RVBD_1628c	-	19	22	26	1.157894737	1.368421053	1	1
RVBD_1629	polA	55	75	64	1.363636364	1.163636364	1	1
RVBD_1630	rpsA	1027	916	1096	0.891918208	1.067185979	1	1
RVBD_1631	coaE	165	149	165	0.903030303	1	0.723383043	1
RVBD_1632c	-	75	77	108	1.026666667	1.44	0.855810346	0.608604541
RVBD_1633	uvrB	176	202	166	1.147727273	0.943181818	0.93209439	0.887476543
RVBD_1634	-	27	26	26	0.962962963	0.962962963	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1635c	-	16	16	13	1	0.8125	1	1
RVBD_1636	TB15.3	1411	2861	1097	2.027639972	0.777462792	0.797010124	0.749175671
RVBD_1637c	-	31	35	41	1.129032258	1.322580645	1	1
RVBD_1638	uvrA	141	134	151	0.95035461	1.070921986	0.876877031	0.866098507
RVBD_1638A	-	834	530	561	0.635491607	0.672661871	0.345385765	0.298233759
RVBD_1639c	-	144	77	88	0.534722222	0.611111111	0.169162951	0.233918013
RVBD_1640c	lysS	15	20	14	1.333333333	0.933333333	1	1
RVBD_1641	infC	970	1348	1274	1.389690722	1.313402062	1	1
RVBD_1642	rpmI	10280	23999	17062	2.334533074	1.659727626	0.984127414	0.608604541
RVBD_1643	rplT	370	318	390	0.859459459	1.054054054	0.702329603	1
RVBD_1644	tsnR	454	457	489	1.00660793	1.077092511	0.897264842	0.917160508
RVBD_1645c	-	33	29	22	0.878787879	0.666666667	1	1
RVBD_1646	PE17	54	34	52	0.62962963	0.962962963	0.807592566	1
RVBD_1647	-	18	12	12	0.666666667	0.666666667	1	1
RVBD_1648	-	14	12	11	0.857142857	0.785714286	1	1
RVBD_1649	pheS	22	20	19	0.909090909	0.863636364	1	1
RVBD_1650	pheT	36	41	31	1.138888889	0.861111111	0.91599635	0.722034704
RVBD_1651c	PE_PGRS30	6	12	8	2	1.333333333	1	1
RVBD_1652	argC	19	13	13	0.684210526	0.684210526	1	1
RVBD_1653	argJ	38	34	36	0.894736842	0.947368421	1	1
RVBD_1654	argB	51	42	33	0.823529412	0.647058824	1	1
RVBD_1655	argD	35	35	44	1	1.257142857	1	1
RVBD_1656	argF	9	8	10	0.888888889	1.111111111	1	1
RVBD_1657	argR	71	38	41	0.535211268	0.577464789	0.761016841	1
RVBD_1658	argG	75	49	52	0.653333333	0.693333333	0.759237927	0.589914112
RVBD_1659	argH	18	11	11	0.611111111	0.611111111	1	1
RVBD_1660	pks10	21	10	11	0.476190476	0.523809524	1	1
RVBD_1661	pks7	12	20	10	1.666666667	0.833333333	1	1
RVBD_1662	pks8	13	17	6	1.307692308	0.461538462	1	1
RVBD_1663	pks17	46	48	30	1.043478261	0.652173913	0.902037337	0.698255754
RVBD_1664	pks9	22	23	16	1.045454545	0.727272727	1	1
RVBD_1665	pks11	48	59	51	1.229166667	1.0625	1	1
RVBD_1666c	cyp139	16	9	6	0.5625	0.375	1	1
RVBD_1667c	-	16	9	9	0.5625	0.5625	1	1
RVBD_1668c	-	8	11	6	1.375	0.75	1	1
RVBD_1669	-	6	2	2	0.333333333	0.333333333	1	1
RVBD_1670	-	15	8	5	0.533333333	0.333333333	1	1
RVBD_1671	-	5	4	3	0.8	0.6	1	1
RVBD_1672c	-	7	5	4	0.714285714	0.571428571	1	1
RVBD_1673c	-	26	21	15	0.807692308	0.576923077	1	1
RVBD_1674c	-	41	46	38	1.12195122	0.926829268	0.860865012	0.866098507
RVBD_1675c	-	9	4	2	0.444444444	0.222222222	1	1
RVBD_1676	-	100	171	152	1.71	1.52	1	1
RVBD_1677	dsbF	39	33	43	0.846153846	1.102564103	1	0.859073882
RVBD_1678	-	87	125	120	1.436781609	1.379310345	1	1
RVBD_1679	fadE16	49	35	35	0.714285714	0.714285714	0.929215507	0.97514416
RVBD_1680	-	26	37	38	1.423076923	1.461538462	1	1
RVBD_1681	moeX	14	8	7	0.571428571	0.5	1	1
RVBD_1682	-	44	56	53	1.272727273	1.204545455	1	1
RVBD_1683	-	58	44	51	0.75862069	0.879310345	0.565614716	0.866098507
RVBD_1684	-	29	41	49	1.413793103	1.689655172	1	1
RVBD_1685c	-	11	12	6	1.090909091	0.545454545	1	1
RVBD_1686c	-	3	4	1	1.333333333	0.333333333	1	1
RVBD_1687c	-	24	31	18	1.291666667	0.75	1	1
RVBD_1688	mpg	3	1	1	0.333333333	0.333333333	1	1
RVBD_1689	tyrS	22	27	17	1.227272727	0.772727273	1	1
RVBD_1690	lprJ	100	83	88	0.83	0.88	1	1
RVBD_1691	-	110	225	189	2.045454545	1.718181818	1	1
RVBD_1692	-	32	37	39	1.15625	1.21875	1	1
RVBD_1693	-	82	56	59	0.682926829	0.719512195	0.922442027	1
RVBD_1694	tlyA	45	33	37	0.733333333	0.822222222	1	1
RVBD_1695	ppnK	63	44	59	0.698412698	0.936507937	0.923989126	1
RVBD_1696	recN	37	37	33	1	0.891891892	0.913191027	0.884732008
RVBD_1697	-	148	109	112	0.736486486	0.756756757	0.536884465	0.711500177
RVBD_1698	-	153	78	146	0.509803922	0.954248366	0.318456513	0.952929854
RVBD_1699	pyrG	300	298	304	0.993333333	1.013333333	0.887248133	0.934644442
RVBD_1700	-	219	362	291	1.652968037	1.328767123	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1701	xerD	467	348	372	0.745182013	0.796573876	0.71441923	0.78372871
RVBD_1702c	-	77	171	168	2.220779221	2.181818182	0.8572408	0.608604541
RVBD_1703c	-	236	286	259	1.211864407	1.097457627	1	1
RVBD_1704c	cycA	67	86	68	1.28358209	1.014925373	1	0.948893558
RVBD_1705c	PPE22	5	3	2	0.6	0.4	1	1
RVBD_1706A	-	5	2	1	0.4	0.2	1	1
RVBD_1706c	PPE23	10	9	10	0.9	1	1	1
RVBD_1707	-	50	21	26	0.42	0.52	0.483506011	0.608604541
RVBD_1708	-	62	36	50	0.580645161	0.806451613	0.844779159	0.902852422
RVBD_1709	-	74	90	77	1.216216216	1.040540541	1	1
RVBD_1710	-	335	401	297	1.197014925	0.886567164	0.92648477	1
RVBD_1711	-	150	111	112	0.74	0.746666667	0.629556058	0.69029503
RVBD_1712	cmk	113	65	102	0.575221239	0.902654867	0.833322729	0.854194141
RVBD_1713	engA	96	54	70	0.5625	0.729166667	0.404816673	0.707501388
RVBD_1714	-	5	4	4	0.8	0.8	1	1
RVBD_1715	fadB3	15	16	18	1.066666667	1.2	1	1
RVBD_1716	-	30	28	33	0.933333333	1.1	1	1
RVBD_1717	-	14	7	8	0.5	0.571428571	1	1
RVBD_1718	-	37	17	19	0.459459459	0.513513514	0.93169404	1
RVBD_1719	-	27	19	22	0.703703704	0.814814815	1	1
RVBD_1720c	-	16	14	11	0.875	0.6875	1	1
RVBD_1721c	-	43	24	11	0.558139535	0.255813953	1	0.866098507
RVBD_1722	-	9	13	9	1.444444444	1	1	1
RVBD_1723	-	6	9	6	1.5	1	1	1
RVBD_1724c	-	196	172	119	0.87755102	0.607142857	0.826779574	0.576293137
RVBD_1725c	-	14	27	12	1.928571429	0.857142857	1	1
RVBD_1726	-	1	1	1	1	1	1	1
RVBD_1727	-	1	1	1	1	1	1	1
RVBD_1728c	-	56	48	53	0.857142857	0.946428571	1	1
RVBD_1729c	-	22	30	24	1.363636364	1.090909091	1	1
RVBD_1730c	-	18	21	13	1.166666667	0.722222222	1	1
RVBD_1731	gabD2	22	18	16	0.818181818	0.727272727	1	1
RVBD_1732c	-	46	52	69	1.130434783	1.5	0.858035267	0.552464331
RVBD_1733c	-	85	44	52	0.517647059	0.611764706	0.638780533	0.94907422
RVBD_1734c	-	3	5	4	1.666666667	1.333333333	1	1
RVBD_1735Ac	-	27	55	42	2.037037037	1.555555556	1	1
RVBD_1735c	-	5	2	2	0.4	0.4	1	1
RVBD_1736c	narX	885	418	518	0.472316384	0.585310734	0.321063211	0.608604541
RVBD_1737c	narK2	154	147	159	0.954545455	1.032467532	0.827268264	1
RVBD_1738	-	844	234	500	0.277251185	0.592417062	0.001152349	0.153616088
RVBD_1739c	-	8	6	3	0.75	0.375	1	1
RVBD_1740	-	37	29	26	0.783783784	0.702702703	1	0.771561727
RVBD_1741	-	19	21	15	1.105263158	0.789473684	1	1
RVBD_1742	-	14	16	9	1.142857143	0.642857143	1	1
RVBD_1743	pknE	84	62	60	0.738095238	0.714285714	0.563537523	0.706775039
RVBD_1744c	-	8	6	3	0.75	0.375	1	1
RVBD_1745c	idi	32	30	6	0.9375	0.1875	1	1
RVBD_1746	pknF	13	11	9	0.846153846	0.692307692	1	1
RVBD_1747	-	81	71	76	0.87654321	0.938271605	0.714506542	0.993864452
RVBD_1748	-	15	7	7	0.466666667	0.466666667	1	1
RVBD_1749c	-	46	22	26	0.47826087	0.565217391	0.887248133	1
RVBD_1750c	fadD1	21	20	20	0.952380952	0.952380952	1	1
RVBD_1751	-	54	81	59	1.5	1.092592593	1	1
RVBD_1752	-	38	39	48	1.026315789	1.263157895	0.933316667	0.868813448
RVBD_1753c	PPE24	49	45	28	0.918367347	0.571428571	0.762986077	0.440375784
RVBD_1754c	-	14	8	6	0.571428571	0.428571429	1	1
RVBD_1755c	plcD	1	0	1	0	1	1	1
RVBD_1756c	-	130	155	48	1.192307692	0.369230769	1	0.133570767
RVBD_1757c	-	143	81	74	0.566433566	0.517482517	0.635766206	1
RVBD_1758	cut1	1	2	1	2	1	1	1
RVBD_1759c	wag22	5	5	2	1	0.4	1	1
RVBD_1760	-	12	13	8	1.083333333	0.666666667	1	1
RVBD_1761c	-	22	18	7	0.818181818	0.318181818	1	1
RVBD_1762c	-	32	33	26	1.03125	0.8125	1	1
RVBD_1763	-	140	81	74	0.578571429	0.528571429	0.644559892	1
RVBD_1764	-	130	155	48	1.192307692	0.369230769	1	0.133570767
RVBD_1765A	-	49	60	15	1.224489796	0.306122449	0.871689417	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1765c	-	52	63	63	1.211538462	1.211538462	1	1
RVBD_1766	-	28	43	43	1.535714286	1.535714286	1	1
RVBD_1767	-	70	38	56	0.542857143	0.8	1	1
RVBD_1768	PE_PGRS31	7	12	9	1.714285714	1.285714286	1	1
RVBD_1769	-	82	119	99	1.451219512	1.207317073	1	1
RVBD_1770	-	78	92	78	1.179487179	1	1	0.905000907
RVBD_1771	-	33	28	29	0.848484848	0.878787879	1	1
RVBD_1772	-	232	142	229	0.612068966	0.987068966	0.871689417	0.948893558
RVBD_1773c	-	27	18	12	0.666666667	0.444444444	1	1
RVBD_1774	-	37	38	39	1.027027027	1.054054054	1	1
RVBD_1775	-	41	30	37	0.731707317	0.902439024	1	0.941730126
RVBD_1776c	-	11	9	4	0.818181818	0.363636364	1	1
RVBD_1777	cyp144	7	7	5	1	0.714285714	1	1
RVBD_1778c	-	17	39	39	2.294117647	2.294117647	1	1
RVBD_1779c	-	76	302	135	3.973684211	1.776315789	0.012678156	0.608604541
RVBD_1780	-	86	191	88	2.220930233	1.023255814	0.837626299	1
RVBD_1781c	malQ	7	6	2	0.857142857	0.285714286	1	1
RVBD_1782	-	49	62	74	1.265306122	1.510204082	1	1
RVBD_1783	-	65	73	82	1.123076923	1.261538462	0.919513756	1
RVBD_1785c	cyp143	31	32	35	1.032258065	1.129032258	1	1
RVBD_1786	-	52	73	67	1.403846154	1.288461538	0.818788217	0.964410871
RVBD_1787	PPE25	69	820	715	11.88405797	10.36231884	2.54E-29	6.61E-32
RVBD_1788	PE18	24	323	429	13.45833333	17.875	4.55E-71	1.45E-90
RVBD_1789	PPE26	84	195	264	2.321428571	3.142857143	0.826779574	0.191529682
RVBD_1790	PPE27	16	92	106	5.75	6.625	2.04E-16	3.22E-15
RVBD_1791	PE19	346	2634	1939	7.612716763	5.604046243	1.24E-12	5.39E-06
RVBD_1792	-	1915	12029	8750	6.281462141	4.569190601	0.010056205	0.12351482
RVBD_1792A	-	3816	13534	12028	3.546645702	3.151991614	0.312593868	0.368809057
RVBD_1793	esxN	569	2118	1690	3.722319859	2.970123023	0.022296535	0.023512778
RVBD_1794	-	649	2373	2118	3.656394453	3.26348228	0.088445167	0.058605964
RVBD_1795	-	120	100	195	0.833333333	1.625	0.659918403	0.633329175
RVBD_1796	mycP5	97	85	131	0.87628866	1.350515464	0.737912752	0.74172664
RVBD_1797	-	232	441	421	1.900862069	1.814655172	1	1
RVBD_1798	-	150	271	221	1.806666667	1.473333333	1	1
RVBD_1799	lppT	9	8	4	0.888888889	0.444444444	1	1
RVBD_1800	PPE28	20	28	25	1.4	1.25	1	1
RVBD_1801	PPE29	19	24	8	1.263157895	0.421052632	1	1
RVBD_1802	PPE30	7	13	7	1.857142857	1	1	1
RVBD_1803c	PE_PGRS32	9	11	5	1.222222222	0.555555556	1	1
RVBD_1804c	-	39	37	19	0.948717949	0.487179487	1	1
RVBD_1805c	-	34	44	5	1.294117647	0.147058824	0.829146669	1
RVBD_1806	PE20	37	30	60	0.810810811	1.621621622	1	0.864850215
RVBD_1807	PPE31	2	2	1	1	0.5	1	1
RVBD_1808	PPE32	7	10	7	1.428571429	1	1	1
RVBD_1809	PPE33	12	11	9	0.916666667	0.75	1	1
RVBD_1810	-	36	38	42	1.055555556	1.166666667	0.919513756	1
RVBD_1811	mgtC	23	39	42	1.695652174	1.826086957	1	1
RVBD_1812c	-	162	151	199	0.932098765	1.228395062	0.727356396	1
RVBD_1813c	-	788	611	1015	0.775380711	1.288071066	0.704648719	0.952929854
RVBD_1814	erg3	53	38	43	0.716981132	0.811320755	0.887945064	1
RVBD_1815	-	75	71	86	0.946666667	1.146666667	1	1
RVBD_1816	-	229	59	91	0.257641921	0.397379913	0.075461936	0.019223666
RVBD_1817	-	32	33	30	1.03125	0.9375	1	1
RVBD_1818c	PE_PGRS33	14	14	21	1	1.5	1	1
RVBD_1819c	-	23	15	12	0.652173913	0.52173913	1	1
RVBD_1820	ilvG	35	23	31	0.657142857	0.885714286	0.906906998	0.961168301
RVBD_1821	secA2	493	231	353	0.468559838	0.716024341	0.252634279	1
RVBD_1822	pgsA2	22	14	14	0.636363636	0.636363636	1	1
RVBD_1823	-	24	25	19	1.041666667	0.791666667	1	1
RVBD_1824	-	22	7	10	0.318181818	0.454545455	1	1
RVBD_1825	-	19	27	23	1.421052632	1.210526316	1	1
RVBD_1826	gcvH	108	208	140	1.925925926	1.296296296	0.93169404	1
RVBD_1827	cfp17	1158	1074	1286	0.92746114	1.110535406	0.861784414	1
RVBD_1828	-	608	298	438	0.490131579	0.720394737	0.087537908	0.743799442
RVBD_1829	-	189	85	138	0.44973545	0.73015873	0.70253897	0.584981949
RVBD_1830	-	1052	686	617	0.652091255	0.586501901	0.635495169	0.499258214
RVBD_1831	-	152	90	155	0.592105263	1.019736842	0.608178893	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1832	gcvB	77	89	103	1.155844156	1.337662338	0.90602222	1
RVBD_1833c	-	64	50	38	0.78125	0.59375	0.93640995	0.892899693
RVBD_1834	-	16	16	18	1	1.125	1	1
RVBD_1835c	-	20	18	21	0.9	1.05	1	1
RVBD_1836c	-	91	66	82	0.725274725	0.901098901	0.469110163	0.870505379
RVBD_1837c	glcB	406	448	394	1.103448276	0.97044335	1	1
RVBD_1838c	-	39	66	39	1.692307692	1	0.573847976	1
RVBD_1839c	-	13	12	10	0.923076923	0.769230769	1	1
RVBD_1840c	PE_PGRS34	9	11	9	1.222222222	1	1	1
RVBD_1841c	-	113	149	178	1.318584071	1.575221239	1	1
RVBD_1842c	-	156	150	146	0.961538462	0.935897436	0.788382224	1
RVBD_1843c	guaB1	85	94	85	1.105882353	1	0.943110632	0.97514416
RVBD_1844c	gnd1	128	165	104	1.2890625	0.8125	1	0.718494872
RVBD_1845c	-	72	91	89	1.263888889	1.236111111	1	1
RVBD_1846c	-	291	592	387	2.034364261	1.329896907	0.90602222	1
RVBD_1847	-	162	39	107	0.240740741	0.660493827	0.010056205	0.188034993
RVBD_1848	ureA	82	52	101	0.634146341	1.231707317	1	0.698343057
RVBD_1849	ureB	41	28	29	0.682926829	0.707317073	0.93640995	1
RVBD_1850	ureC	47	39	46	0.829787234	0.978723404	0.826779574	0.930031208
RVBD_1851	ureF	11	9	6	0.818181818	0.545454545	1	1
RVBD_1852	ureG	15	18	24	1.2	1.6	1	1
RVBD_1853	ureD	24	17	25	0.708333333	1.041666667	1	1
RVBD_1854c	ndh	125	89	131	0.712	1.048	0.483506011	1
RVBD_1855c	-	176	135	171	0.767045455	0.971590909	0.594451567	0.979823577
RVBD_1856c	-	32	32	42	1	1.3125	1	1
RVBD_1857	modA	84	125	78	1.488095238	0.928571429	1	0.911555079
RVBD_1858	modB	2	4	3	2	1.5	1	1
RVBD_1859	modC	12	9	13	0.75	1.083333333	1	1
RVBD_1860	apa	23	17	12	0.739130435	0.52173913	1	1
RVBD_1861	-	36	24	15	0.666666667	0.416666667	1	1
RVBD_1862	adhA	31	24	33	0.774193548	1.064516129	1	1
RVBD_1863c	-	79	84	100	1.063291139	1.265822785	0.939668596	1
RVBD_1864c	-	14	16	15	1.142857143	1.071428571	1	1
RVBD_1865c	-	11	14	5	1.272727273	0.454545455	1	1
RVBD_1866	-	21	25	10	1.19047619	0.476190476	1	1
RVBD_1867	-	10	5	5	0.5	0.5	1	1
RVBD_1868	-	24	24	16	1	0.666666667	1	1
RVBD_1869c	-	350	559	501	1.597142857	1.431428571	1	1
RVBD_1870c	-	1440	2730	2144	1.895833333	1.488888889	0.704332653	0.758143045
RVBD_1871c	-	1042	1078	1290	1.034548944	1.238003839	0.911649756	0.938963252
RVBD_1872c	lldD2	1092	677	1024	0.61996337	0.937728938	0.650723606	1
RVBD_1873	-	2	1	1	0.5	0.5	1	1
RVBD_1874	-	56	57	37	1.017857143	0.660714286	0.93169404	1
RVBD_1875	-	13	30	20	2.307692308	1.538461538	1	1
RVBD_1876	bfrA	925	1138	1069	1.23027027	1.155675676	0.957009997	0.938963252
RVBD_1877	-	16	13	10	0.8125	0.625	1	1
RVBD_1878	glnA3	16	11	9	0.6875	0.5625	1	1
RVBD_1879	-	12	8	7	0.666666667	0.583333333	1	1
RVBD_1880c	cyp140	78	54	53	0.692307692	0.679487179	0.674869885	0.499258214
RVBD_1881c	lppE	132	73	77	0.553030303	0.583333333	0.731998251	0.874085147
RVBD_1882c	-	50	63	53	1.26	1.06	1	1
RVBD_1883c	-	167	179	224	1.071856287	1.341317365	0.887945064	1
RVBD_1884c	rpfC	1689	962	1393	0.569567792	0.824748372	0.49812076	1
RVBD_1885c	-	85	86	74	1.011764706	0.870588235	1	1
RVBD_1886c	fbpB	164	102	101	0.62195122	0.615853659	0.338644689	0.552464331
RVBD_1887	-	255	202	245	0.792156863	0.960784314	0.66561166	0.999922643
RVBD_1888A	-	22	12	6	0.545454545	0.272727273	1	1
RVBD_1888c	-	22	13	14	0.590909091	0.636363636	1	1
RVBD_1889c	-	14	9	6	0.642857143	0.428571429	1	1
RVBD_1890c	-	18	20	16	1.111111111	0.888888889	1	1
RVBD_1891	-	58	29	36	0.5	0.620689655	0.91599635	1
RVBD_1892	-	127	97	102	0.763779528	0.803149606	0.984127414	1
RVBD_1893	-	509	370	332	0.726915521	0.652259332	0.638780533	0.486612225
RVBD_1894c	-	58	65	68	1.120689655	1.172413793	0.933316667	1
RVBD_1895	-	79	63	54	0.797468354	0.683544304	0.756577335	0.56947155
RVBD_1896c	-	42	43	51	1.023809524	1.214285714	0.93169404	1
RVBD_1897c	-	11	18	16	1.636363636	1.454545455	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1898	-	145	99	106	0.682758621	0.731034483	0.840379762	1
RVBD_1899c	lppD	78	118	116	1.512820513	1.487179487	1	1
RVBD_1900c	lipJ	129	79	91	0.612403101	0.705426357	0.310657564	0.608604541
RVBD_1901	cinA	53	62	50	1.169811321	0.943396226	0.969924474	0.911412225
RVBD_1902c	nanT	8	11	7	1.375	0.875	1	1
RVBD_1903	-	97	101	66	1.041237113	0.680412371	0.958013554	1
RVBD_1904	-	59	50	60	0.847457627	1.016949153	1	0.813962943
RVBD_1905c	aao	84	101	100	1.202380952	1.19047619	0.99062955	1
RVBD_1906c	-	248	416	316	1.677419355	1.274193548	1	1
RVBD_1907c	-	15	40	29	2.666666667	1.933333333	1	1
RVBD_1908c	katG	78	100	80	1.282051282	1.025641026	1	1
RVBD_1909c	furA	32	29	23	0.90625	0.71875	1	1
RVBD_1910c	-	29	22	24	0.75862069	0.827586207	1	1
RVBD_1911c	lppC	106	91	124	0.858490566	1.169811321	0.912951902	1
RVBD_1912c	fadB5	29	22	19	0.75862069	0.655172414	1	1
RVBD_1913	-	17	10	5	0.588235294	0.294117647	1	1
RVBD_1914c	-	347	205	295	0.590778098	0.850144092	0.366730868	0.864850215
RVBD_1915	aceAa	132	134	157	1.015151515	1.189393939	0.887749155	1
RVBD_1916	aceAb	87	79	91	0.908045977	1.045977011	0.767207995	0.952929854
RVBD_1917c	PPE34	31	28	10	0.903225806	0.322580645	1	1
RVBD_1918c	PPE35	32	42	30	1.3125	0.9375	1	1
RVBD_1919c	-	195	811	423	4.158974359	2.169230769	0.020473011	0.633489638
RVBD_1920	-	56	48	48	0.857142857	0.857142857	1	1
RVBD_1921c	lppF	44	144	70	3.272727273	1.590909091	0.366730868	1
RVBD_1922	-	32	51	35	1.59375	1.09375	1	1
RVBD_1923	lipD	58	47	63	0.810344828	1.086206897	0.84878059	1
RVBD_1924c	-	4	13	10	3.25	2.5	1	1
RVBD_1925	fadD31	647	1062	867	1.641421947	1.340030912	0.919513756	0.813111833
RVBD_1926c	mpt63	37	32	30	0.864864865	0.810810811	1	1
RVBD_1927	-	40	35	54	0.875	1.35	1	0.61644478
RVBD_1928c	-	15	19	19	1.266666667	1.266666667	1	1
RVBD_1929c	-	19	19	18	1	0.947368421	1	1
RVBD_1930c	-	2	1	1	0.5	0.5	1	1
RVBD_1931c	-	15	11	7	0.733333333	0.466666667	1	1
RVBD_1932	tpx	46	91	65	1.97826087	1.413043478	0.207512754	0.608604541
RVBD_1933c	fadE18	2	2	1	1	0.5	1	1
RVBD_1934c	fadE17	6	5	1	0.833333333	0.166666667	1	1
RVBD_1935c	echA13	9	7	4	0.777777778	0.444444444	1	1
RVBD_1936	-	25	40	23	1.6	0.92	1	1
RVBD_1937	-	11	14	10	1.272727273	0.909090909	1	1
RVBD_1938	ephB	26	21	14	0.807692308	0.538461538	1	1
RVBD_1939	-	3	2	3	0.666666667	1	1	1
RVBD_1940	ribA1	16	13	9	0.8125	0.5625	1	1
RVBD_1941	-	5	9	7	1.8	1.4	1	1
RVBD_1942c	-	147	85	89	0.578231293	0.605442177	0.714506542	1
RVBD_1943c	-	140	79	113	0.564285714	0.807142857	0.737912752	1
RVBD_1944c	-	3	9	8	3	2.666666667	1	1
RVBD_1945	-	122	181	183	1.483606557	1.5	1	0.670017164
RVBD_1946c	lppG	6	3	2	0.5	0.333333333	1	1
RVBD_1947	-	20	33	45	1.65	2.25	1	1
RVBD_1948c	-	49	23	18	0.469387755	0.367346939	0.72657358	0.884732008
RVBD_1949c	-	13	19	15	1.461538462	1.153846154	1	1
RVBD_1950c	-	17	11	8	0.647058824	0.470588235	1	1
RVBD_1951c	-	20	3	6	0.15	0.3	1	1
RVBD_1952	-	22	22	20	1	0.909090909	1	1
RVBD_1953	-	48	25	34	0.520833333	0.708333333	0.834666228	1
RVBD_1954A	-	624	667	680	1.068910256	1.08974359	0.915990849	1
RVBD_1954c	-	9	6	1	0.666666667	0.111111111	1	1
RVBD_1955	-	1043	977	822	0.936720997	0.788111218	0.867267374	0.879539965
RVBD_1956	-	39	59	36	1.512820513	0.923076923	0.563537523	1
RVBD_1957	-	236	255	186	1.080508475	0.788135593	0.915990849	0.760811792
RVBD_1958c	-	16	10	9	0.625	0.5625	1	1
RVBD_1959c	-	163	187	156	1.147239264	0.957055215	1	1
RVBD_1960c	-	181	545	283	3.011049724	1.563535912	0.363381145	0.911412225
RVBD_1961	-	21	17	7	0.80952381	0.333333333	1	1
RVBD_1962A	-	39	15	17	0.384615385	0.435897436	0.898649599	0.956203762
RVBD_1962c	-	128	87	116	0.6796875	0.90625	0.902037337	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_1963c	mce3R	13	17	13	1.307692308	1	1	1
RVBD_1964	yrbE3A	11	15	14	1.363636364	1.272727273	1	1
RVBD_1965	yrbE3B	36	27	28	0.75	0.777777778	1	0.959162423
RVBD_1966	mce3A	21	18	9	0.857142857	0.428571429	1	1
RVBD_1967	mce3B	10	8	7	0.8	0.7	1	1
RVBD_1968	mce3C	9	7	4	0.777777778	0.444444444	1	1
RVBD_1969	mce3D	10	17	8	1.7	0.8	1	1
RVBD_1970	lprM	9	14	7	1.555555556	0.777777778	1	1
RVBD_1971	mce3F	14	20	14	1.428571429	1	1	1
RVBD_1972	-	7	6	4	0.857142857	0.571428571	1	1
RVBD_1973	-	2	2	2	1	1	1	1
RVBD_1974	-	5	4	2	0.8	0.4	1	1
RVBD_1975	-	34	32	16	0.941176471	0.470588235	1	0.964410871
RVBD_1976c	-	27	25	19	0.925925926	0.703703704	1	1
RVBD_1977	-	49	50	62	1.020408163	1.265306122	1	1
RVBD_1978	-	18	28	26	1.555555556	1.444444444	1	1
RVBD_1979c	-	59	74	79	1.254237288	1.338983051	1	1
RVBD_1980c	mpt64	553	640	728	1.157323689	1.316455696	0.935869467	0.952929854
RVBD_1981c	nrdF	441	446	589	1.011337868	1.335600907	0.903888556	1
RVBD_1982A	-	521	690	719	1.3243762	1.380038388	1	1
RVBD_1982c	-	23	30	29	1.304347826	1.260869565	1	1
RVBD_1983	PE_PGRS35	17	24	19	1.411764706	1.117647059	1	1
RVBD_1984A	-	16	20	17	1.25	1.0625	1	1
RVBD_1984c	cfp21	14	29	15	2.071428571	1.071428571	1	1
RVBD_1985c	-	22	37	31	1.681818182	1.409090909	1	1
RVBD_1986	-	10	6	5	0.6	0.5	1	1
RVBD_1987	-	362	348	389	0.961325967	1.074585635	0.838541445	1
RVBD_1988	-	40	29	36	0.725	0.9	1	1
RVBD_1989c	-	31	33	29	1.064516129	0.935483871	1	1
RVBD_1990A	-	7	12	9	1.714285714	1.285714286	1	1
RVBD_1990c	-	139	93	86	0.669064748	0.618705036	0.833322729	1
RVBD_1991A	-	583	297	286	0.509433962	0.490566038	0.316805188	0.133570767
RVBD_1991c	-	66	90	55	1.363636364	0.833333333	0.655717976	1
RVBD_1992c	ctpG	88	105	126	1.193181818	1.431818182	0.890676079	1
RVBD_1993c	-	68	203	104	2.985294118	1.529411765	0.001431422	0.702910576
RVBD_1994c	-	46	131	71	2.847826087	1.543478261	0.010056205	0.753501011
RVBD_1995	-	308	285	201	0.925324675	0.652597403	0.766812666	0.21926284
RVBD_1996	-	1709	1351	1314	0.790520772	0.768870685	0.871689417	1
RVBD_1997	ctpF	224	313	261	1.397321429	1.165178571	1	1
RVBD_1998c	-	20	46	19	2.3	0.95	1	1
RVBD_1999c	-	32	62	28	1.9375	0.875	1	1
RVBD_2000	-	17	30	12	1.764705882	0.705882353	1	1
RVBD_2001	-	44	104	51	2.363636364	1.159090909	0.050974159	0.798334533
RVBD_2002	fabG3	25	21	22	0.84	0.88	1	1
RVBD_2003c	-	238	206	208	0.865546218	0.87394958	0.702329603	0.774876236
RVBD_2004c	-	245	159	237	0.648979592	0.967346939	0.454289481	0.892899693
RVBD_2005c	-	199	184	195	0.924623116	0.979899497	0.794048903	1
RVBD_2006	otsB1	38	31	28	0.815789474	0.736842105	0.650723606	0.722034704
RVBD_2007c	fdxA	4542	3373	3701	0.742624395	0.814839278	0.829616665	1
RVBD_2008c	-	14	15	10	1.071428571	0.714285714	1	1
RVBD_2009	-	124	68	139	0.548387097	1.120967742	1	0.730964134
RVBD_2010	-	152	103	156	0.677631579	1.026315789	0.91599635	1
RVBD_2011c	-	17	24	20	1.411764706	1.176470588	1	1
RVBD_2012	-	8	8	6	1	0.75	1	1
RVBD_2013	-	3	1	1	0.333333333	0.333333333	1	1
RVBD_2014	-	25	36	7	1.44	0.28	1	1
RVBD_2015c	-	68	64	71	0.941176471	1.044117647	0.818796868	0.952929854
RVBD_2016	-	202	368	210	1.821782178	1.03960396	1	0.987420092
RVBD_2017	-	96	104	107	1.083333333	1.114583333	0.91599635	1
RVBD_2018	-	183	186	165	1.016393443	0.901639344	0.864210829	0.890607097
RVBD_2019	-	20	23	17	1.15	0.85	1	1
RVBD_2020c	-	31	66	50	2.129032258	1.612903226	0.455562548	1
RVBD_2021c	-	61	83	63	1.360655738	1.032786885	0.82161812	0.993864452
RVBD_2022c	-	100	264	148	2.64	1.48	0.790282941	1
RVBD_2023A	-	68	114	84	1.676470588	1.235294118	0.326232522	0.702910576
RVBD_2023c	-	4	4	1	1	0.25	1	1
RVBD_2024c	-	45	40	37	0.888888889	0.822222222	0.887267064	0.777193067

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2025c	-	37	40	30	1.081081081	0.810810811	0.887945064	1
RVBD_2026c	-	28	35	19	1.25	0.678571429	1	1
RVBD_2027c	-	164	160	178	0.975609756	1.085365854	0.864210829	1
RVBD_2028c	-	89	174	142	1.95505618	1.595505618	1	1
RVBD_2029c	pfkB	180	100	154	0.555555556	0.855555556	0.207512754	0.807079
RVBD_2030c	-	847	640	957	0.755608028	1.12987013	0.854240077	1
RVBD_2031c	hspX	543	665	802	1.224677716	1.476979742	0.932756523	1
RVBD_2032	acg	346	267	362	0.771676301	1.046242775	0.704648719	0.929565673
RVBD_2033c	-	34	46	41	1.352941176	1.205882353	0.609704519	0.698343057
RVBD_2034	-	28	31	34	1.107142857	1.214285714	1	1
RVBD_2035	-	36	58	59	1.611111111	1.638888889	0.507082351	0.670017164
RVBD_2036	-	33	29	41	0.878787879	1.242424242	1	1
RVBD_2037c	-	11	9	10	0.818181818	0.909090909	1	1
RVBD_2038c	-	24	21	11	0.875	0.458333333	1	1
RVBD_2039c	-	14	9	4	0.642857143	0.285714286	1	1
RVBD_2040c	-	17	12	11	0.705882353	0.647058824	1	1
RVBD_2041c	-	23	14	14	0.608695652	0.608695652	1	1
RVBD_2042c	-	131	191	182	1.458015267	1.389312977	1	1
RVBD_2043c	pncA	46	33	48	0.717391304	1.043478261	1	0.798334533
RVBD_2044c	-	23	17	17	0.739130435	0.739130435	1	1
RVBD_2045c	lipT	55	35	42	0.636363636	0.763636364	0.78878806	0.608604541
RVBD_2046	lppI	12	8	7	0.666666667	0.583333333	1	1
RVBD_2047c	-	14	8	10	0.571428571	0.714285714	1	1
RVBD_2048c	pks12	40	47	35	1.175	0.875	0.93640995	0.772934363
RVBD_2049c	-	11	12	12	1.090909091	1.090909091	1	1
RVBD_2050	-	59	179	180	3.033898305	3.050847458	8.19E-04	0.016546474
RVBD_2051c	ppm1	195	244	230	1.251282051	1.179487179	1	1
RVBD_2052c	-	281	217	258	0.772241993	0.918149466	0.748377106	0.795227584
RVBD_2053c	fxsA	227	153	263	0.674008811	1.158590308	0.563537523	1
RVBD_2054	-	12	11	8	0.916666667	0.666666667	1	1
RVBD_2055c	rpsR	13	5	3	0.384615385	0.230769231	1	1
RVBD_2056c	rpsN	17	16	9	0.941176471	0.529411765	1	1
RVBD_2057c	rpmG	56	76	68	1.357142857	1.214285714	0.829616665	1
RVBD_2058c	rpmB	6	5	2	0.833333333	0.333333333	1	1
RVBD_2059	-	13	9	3	0.692307692	0.230769231	1	1
RVBD_2060	-	1	5	1	5	1	1	1
RVBD_2061c	-	306	462	333	1.509803922	1.088235294	1	1
RVBD_2062c	cobN	24	33	29	1.375	1.208333333	1	1
RVBD_2063	-	6	4	2	0.666666667	0.333333333	1	1
RVBD_2063A	-	4	1	1	0.25	0.25	1	1
RVBD_2064	cobG	8	6	10	0.75	1.25	1	1
RVBD_2065	cobH	18	15	18	0.833333333	1	1	1
RVBD_2066	cobI	17	12	13	0.705882353	0.764705882	1	1
RVBD_2067c	-	212	142	150	0.669811321	0.70754717	0.450801585	0.734771807
RVBD_2068c	blaC	41	49	56	1.195121951	1.365853659	0.887945064	0.930169802
RVBD_2069	sigC	105	73	78	0.695238095	0.742857143	0.919513756	0.886517501
RVBD_2070c	cobK	17	14	16	0.823529412	0.941176471	1	1
RVBD_2071c	cobM	20	18	8	0.9	0.4	1	1
RVBD_2072c	cobL	4	4	2	1	0.5	1	1
RVBD_2073c	-	9	5	2	0.555555556	0.222222222	1	1
RVBD_2074	-	198	104	155	0.525252525	0.782828283	0.799628112	0.679902296
RVBD_2075c	-	5	4	3	0.8	0.6	1	1
RVBD_2076c	-	30	17	26	0.566666667	0.866666667	1	1
RVBD_2077A	-	19	49	28	2.578947368	1.473684211	1	1
RVBD_2077Bc	-	1	1	1	1	1	1	1
RVBD_2077c	-	86	80	91	0.930232558	1.058139535	0.826779574	1
RVBD_2078	-	4	16	7	4	1.75	1	1
RVBD_2079	-	25	23	13	0.92	0.52	1	1
RVBD_2080	lppJ	99	84	77	0.848484848	0.777777778	0.933316667	1
RVBD_2081c	-	3	6	6	2	2	1	1
RVBD_2082	-	108	224	179	2.074074074	1.657407407	1	1
RVBD_2083	-	64	104	74	1.625	1.15625	1	1
RVBD_2084	-	29	31	39	1.068965517	1.344827586	1	1
RVBD_2085	-	83	53	58	0.638554217	0.698795181	1	1
RVBD_2086	-	5	6	5	1.2	1	1	1
RVBD_2087	-	5	7	6	1.4	1.2	1	1
RVBD_2088	pknJ	16	10	7	0.625	0.4375	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2089c	pepE	5	4	3	0.8	0.6	1	1
RVBD_2090	-	5	5	2	1	0.4	1	1
RVBD_2091c	-	273	285	367	1.043956044	1.344322344	0.818796868	1
RVBD_2092c	helY	145	191	181	1.317241379	1.248275862	1	0.930031208
RVBD_2093c	tatC	54	48	58	0.888888889	1.074074074	1	1
RVBD_2094c	tatA	500	254	431	0.508	0.862	0.469110163	0.860590793
RVBD_2095c	-	69	57	60	0.826086957	0.869565217	0.90602222	0.860590793
RVBD_2096c	-	72	42	67	0.583333333	0.930555556	0.866144684	0.878859561
RVBD_2097c	-	559	331	428	0.592128801	0.765652952	0.531854338	0.811722235
RVBD_2098c	-	1	2	1	2	1	1	1
RVBD_2099c	-	4	3	2	0.75	0.5	1	1
RVBD_2100	-	6	12	6	2	1	1	1
RVBD_2101	helZ	94	110	103	1.170212766	1.095744681	0.932106294	1
RVBD_2102	-	13	13	18	1	1.384615385	1	1
RVBD_2103c	-	83	48	76	0.578313253	0.915662651	0.841828671	1
RVBD_2104c	-	189	111	180	0.587301587	0.952380952	0.731998251	1
RVBD_2105	-	141	81	75	0.574468085	0.531914894	0.649856605	1
RVBD_2106	-	130	155	48	1.192307692	0.369230769	1	0.133570767
RVBD_2107	PE22	37	55	78	1.486486486	2.108108108	0.756617125	0.709509328
RVBD_2108	PPE36	70	71	68	1.014285714	0.971428571	1	1
RVBD_2109c	prcA	227	168	198	0.740088106	0.872246696	0.541906986	0.870505379
RVBD_2110c	prcB	151	244	289	1.61589404	1.913907285	1	0.569253984
RVBD_2111c	-	158	120	225	0.759493671	1.424050633	1	0.596277673
RVBD_2112c	-	60	91	76	1.516666667	1.266666667	1	1
RVBD_2113	-	15	16	11	1.066666667	0.733333333	1	1
RVBD_2114	-	50	90	60	1.8	1.2	0.056944209	0.679902296
RVBD_2115c	-	388	307	398	0.791237113	1.025773196	0.786822902	1
RVBD_2116	lppK	10	8	7	0.8	0.7	1	1
RVBD_2117	-	3	1	1	0.333333333	0.333333333	1	1
RVBD_2118c	-	58	42	56	0.724137931	0.965517241	0.915990849	1
RVBD_2119	-	10	6	8	0.6	0.8	1	1
RVBD_2120c	-	20	15	10	0.75	0.5	1	1
RVBD_2121c	hisG	12	17	14	1.416666667	1.166666667	1	1
RVBD_2122c	hisE	24	11	18	0.458333333	0.75	1	1
RVBD_2123	PPE37	13	8	8	0.615384615	0.615384615	1	1
RVBD_2124c	metH	159	162	222	1.018867925	1.396226415	0.913191027	1
RVBD_2125	-	126	91	124	0.722222222	0.984126984	0.639372212	0.921584944
RVBD_2126c	PE_PGRS37	3	8	5	2.666666667	1.666666667	1	1
RVBD_2127	ansP1	72	72	74	1	1.027777778	0.860865012	0.94163448
RVBD_2128	-	331	182	235	0.549848943	0.709969789	0.840379762	0.721758093
RVBD_2129c	-	126	70	62	0.555555556	0.492063492	0.608178893	0.222640287
RVBD_2130c	cysS	351	421	327	1.199430199	0.931623932	0.946158204	0.802708056
RVBD_2131c	cysQ	115	102	128	0.886956522	1.113043478	0.781368922	1
RVBD_2132	-	150	105	134	0.7	0.893333333	1	0.956203762
RVBD_2133c	-	15	20	26	1.333333333	1.733333333	1	1
RVBD_2134c	-	277	130	236	0.469314079	0.85198556	0.18139244	0.86391887
RVBD_2135c	-	52	33	42	0.634615385	0.807692308	0.796013152	1
RVBD_2136c	uppP	412	219	301	0.531553398	0.730582524	0.162838161	0.905000907
RVBD_2137c	-	1615	124	282	0.076780186	0.174613003	2.76E-55	2.73E-26
RVBD_2138	lppL	25	20	25	0.8	1	1	1
RVBD_2139	pyrD	83	102	95	1.228915663	1.144578313	1	1
RVBD_2140c	TB18.6	6	5	4	0.833333333	0.666666667	1	1
RVBD_2141c	-	35	23	18	0.657142857	0.514285714	0.829616665	1
RVBD_2142A	-	47	28	43	0.595744681	0.914893617	1	1
RVBD_2142c	-	80	51	52	0.6375	0.65	1	1
RVBD_2143	-	35	23	25	0.657142857	0.714285714	0.72657358	1
RVBD_2144c	-	394	408	536	1.035532995	1.360406091	0.894948888	0.957411957
RVBD_2145c	wag31	1655	1060	1683	0.640483384	1.016918429	0.663708552	1
RVBD_2146c	-	255	270	451	1.058823529	1.768627451	0.890676079	1
RVBD_2147c	-	254	223	266	0.877952756	1.047244094	0.714506542	1
RVBD_2148c	-	81	81	115	1	1.419753086	0.915990849	1
RVBD_2149c	yfiH	92	52	65	0.565217391	0.706521739	0.862988635	0.707501388
RVBD_2150c	ftsZ	812	1726	1267	2.125615764	1.560344828	0.563537523	0.674227676
RVBD_2151c	ftsQ	47	46	43	0.978723404	0.914893617	1	1
RVBD_2152c	murC	48	53	49	1.104166667	1.020833333	0.906386678	0.986873481
RVBD_2153c	murG	26	22	32	0.846153846	1.230769231	1	1
RVBD_2154c	ftsW	53	53	78	1	1.471698113	0.844779159	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2155c	murD	51	52	73	1.019607843	1.431372549	0.872884157	1
RVBD_2156c	mraY	97	86	68	0.886597938	0.701030928	0.755623869	0.551307506
RVBD_2157c	murF	145	115	110	0.793103448	0.75862069	0.642764879	0.484699291
RVBD_2158c	murE	40	37	38	0.925	0.95	0.915381913	0.957658458
RVBD_2159c	-	440	1099	690	2.497727273	1.568181818	0.754737028	1
RVBD_2160A	-	404	562	417	1.391089109	1.032178218	1	1
RVBD_2161c	-	234	188	220	0.803418803	0.94017094	0.635495169	1
RVBD_2162c	PE_PGRS38	71	126	95	1.774647887	1.338028169	1	1
RVBD_2163c	pbpB	92	88	98	0.956521739	1.065217391	0.784430687	1
RVBD_2164c	-	79	71	78	0.898734177	0.987341772	0.786822902	0.884732008
RVBD_2165c	mraW	207	132	153	0.637681159	0.739130435	0.370518133	0.74585772
RVBD_2166c	-	654	452	558	0.691131498	0.853211009	0.507082351	1
RVBD_2167c	-	130	155	48	1.192307692	0.369230769	1	0.133570767
RVBD_2168c	-	145	81	76	0.55862069	0.524137931	0.639372212	1
RVBD_2169c	-	472	338	298	0.716101695	0.631355932	0.45961957	0.440154363
RVBD_2170	-	4	2	1	0.5	0.25	1	1
RVBD_2171	lppM	28	27	30	0.964285714	1.071428571	1	1
RVBD_2172c	-	487	236	465	0.484599589	0.954825462	0.07885441	0.802708056
RVBD_2173	idsA2	18	12	15	0.666666667	0.833333333	1	1
RVBD_2174	-	45	29	25	0.644444444	0.555555556	0.87936014	0.659266246
RVBD_2175c	-	17	22	17	1.294117647	1	1	1
RVBD_2176	pknL	20	20	15	1	0.75	1	1
RVBD_2177c	-	32	23	21	0.71875	0.65625	1	1
RVBD_2178c	aroG	70	41	50	0.585714286	0.714285714	0.704332653	0.549100417
RVBD_2179c	-	5	7	8	1.4	1.6	1	1
RVBD_2180c	-	24	12	12	0.5	0.5	1	1
RVBD_2181	-	317	218	515	0.687697161	1.624605678	0.629556058	1
RVBD_2182c	-	153	99	107	0.647058824	0.699346405	0.604438005	0.608604541
RVBD_2183c	-	26	73	83	2.807692308	3.192307692	0.118557868	0.204456076
RVBD_2184c	-	35	44	41	1.257142857	1.171428571	1	1
RVBD_2185c	TB16.3	478	351	474	0.734309623	0.991631799	0.548004816	1
RVBD_2186c	-	37	105	96	2.837837838	2.594594595	0.032067903	0.30506074
RVBD_2187	fadD15	22	17	16	0.772727273	0.727272727	1	1
RVBD_2188c	-	12	13	10	1.083333333	0.833333333	1	1
RVBD_2189c	-	18	25	24	1.388888889	1.333333333	1	1
RVBD_2190Ac	-	17	9	13	0.529411765	0.764705882	1	1
RVBD_2190c	-	294	286	370	0.972789116	1.258503401	0.879703127	0.949493731
RVBD_2191	-	35	22	9	0.628571429	0.257142857	0.880764793	0.087327077
RVBD_2192c	trpD	12	14	9	1.166666667	0.75	1	1
RVBD_2193	ctaE	202	96	148	0.475247525	0.732673267	0.47189451	0.69029503
RVBD_2194	qcrC	314	176	249	0.560509554	0.792993631	0.207738896	1
RVBD_2195	qcrA	383	278	441	0.725848564	1.151436031	0.704648719	1
RVBD_2196	qcrB	238	192	265	0.806722689	1.113445378	0.774761628	0.88463717
RVBD_2197c	-	24	15	27	0.625	1.125	1	1
RVBD_2198c	mmpS3	124	149	183	1.201612903	1.475806452	1	1
RVBD_2199c	-	112	276	208	2.464285714	1.857142857	0.702967331	0.608604541
RVBD_2200c	ctaC	468	528	492	1.128205128	1.051282051	0.919793613	0.948893558
RVBD_2201	asnB	46	35	30	0.760869565	0.652173913	0.756617125	0.53909688
RVBD_2202c	cbhK	127	139	124	1.094488189	0.976377953	0.929497164	0.948893558
RVBD_2203	-	22	32	19	1.454545455	0.863636364	1	1
RVBD_2204c	-	660	1082	1093	1.639393939	1.656060606	1	1
RVBD_2205c	-	22	39	30	1.772727273	1.363636364	1	1
RVBD_2206	-	396	316	336	0.797979798	0.848484848	0.662089898	1
RVBD_2207	cobT	41	67	63	1.634146341	1.536585366	1	0.963955494
RVBD_2208	cobS	2	2	4	1	2	1	1
RVBD_2209	-	6	3	4	0.5	0.666666667	1	1
RVBD_2210c	ilvE	49	43	45	0.87755102	0.918367347	0.946158204	1
RVBD_2211c	gcvT	49	31	33	0.632653061	0.673469388	0.884514182	0.911555079
RVBD_2212	-	8	16	9	2	1.125	1	1
RVBD_2213	pepB	22	18	22	0.818181818	1	1	1
RVBD_2214c	ephD	51	29	28	0.568627451	0.549019608	0.745680594	0.486612225
RVBD_2215	dlaT	323	303	382	0.938080495	1.182662539	0.867813526	1
RVBD_2216	-	58	37	56	0.637931034	0.965517241	0.860865012	1
RVBD_2217	lipB	68	75	93	1.102941176	1.367647059	1	1
RVBD_2218	lipA	127	114	146	0.897637795	1.149606299	0.745680594	1
RVBD_2219	-	168	340	243	2.023809524	1.446428571	0.903888556	1
RVBD_2219A	-	11	12	5	1.090909091	0.454545455	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2220	glnA1	237	224	231	0.945147679	0.974683544	0.867813526	0.930031208
RVBD_2221c	glnE	50	37	51	0.74	1.02	0.563537523	1
RVBD_2222c	glnA2	285	166	219	0.58245614	0.768421053	0.30237719	0.866143839
RVBD_2223c	-	24	20	21	0.833333333	0.875	1	1
RVBD_2224c	-	99	104	124	1.050505051	1.252525253	0.919513756	0.961168301
RVBD_2225	panB	146	113	98	0.773972603	0.671232877	0.635495169	0.604355596
RVBD_2226	-	21	22	26	1.047619048	1.238095238	1	1
RVBD_2227	-	13	11	7	0.846153846	0.538461538	1	1
RVBD_2228c	-	19	28	28	1.473684211	1.473684211	1	1
RVBD_2229c	-	66	59	57	0.893939394	0.863636364	1	1
RVBD_2230c	-	125	146	81	1.168	0.648	1	0.604355596
RVBD_2231Ac	-	15	11	3	0.733333333	0.2	1	1
RVBD_2231B	-	37	13	18	0.351351351	0.486486486	0.608178893	0.949493731
RVBD_2231c	cobC	17	11	12	0.647058824	0.705882353	1	1
RVBD_2232	-	10	11	10	1.1	1	1	1
RVBD_2234	ptpA	17	21	18	1.235294118	1.058823529	1	1
RVBD_2235	-	77	66	67	0.857142857	0.87012987	0.915990849	0.878859561
RVBD_2236c	cobD	7	4	3	0.571428571	0.428571429	1	1
RVBD_2237	-	26	21	15	0.807692308	0.576923077	1	1
RVBD_2237A	-	223	188	183	0.843049327	0.820627803	0.958013554	1
RVBD_2238c	ahpE	59	58	59	0.983050847	1	1	0.811134746
RVBD_2239c	-	959	2501	1567	2.607924922	1.633993743	0.702967331	1
RVBD_2240c	-	59	261	129	4.423728814	2.186440678	1.51E-09	0.078438973
RVBD_2241	aceE	139	156	184	1.122302158	1.323741007	0.93169404	0.952929854
RVBD_2242	-	17	17	20	1	1.176470588	1	1
RVBD_2243	fabD	366	360	259	0.983606557	0.707650273	0.880764793	0.911555079
RVBD_2244	acpP	2129	1374	1294	0.645373415	0.607797088	0.628070939	0.526319897
RVBD_2245	kasA	897	1579	782	1.760312152	0.871794872	0.808536584	1
RVBD_2246	kasB	834	1345	1123	1.612709832	1.346522782	0.871689417	0.785525818
RVBD_2247	accD6	372	267	333	0.717741935	0.89516129	0.702967331	0.811722235
RVBD_2248	-	24	20	22	0.833333333	0.916666667	1	1
RVBD_2249c	glpD1	10	8	4	0.8	0.4	1	1
RVBD_2250c	-	9	9	5	1	0.555555556	1	1
RVBD_2251	-	7	7	5	1	0.714285714	1	1
RVBD_2252	-	69	78	48	1.130434783	0.695652174	0.946762365	0.744830882
RVBD_2253	-	27	29	14	1.074074074	0.518518519	1	1
RVBD_2254c	-	4	7	8	1.75	2	1	1
RVBD_2255A	-	3	1	1	0.333333333	0.333333333	1	1
RVBD_2255c	-	167	108	203	0.646706587	1.215568862	1	0.72375825
RVBD_2256c	-	451	306	463	0.678492239	1.026607539	0.454966888	1
RVBD_2257c	-	17	21	25	1.235294118	1.470588235	1	1
RVBD_2258c	-	194	258	218	1.329896907	1.12371134	0.93169404	1
RVBD_2259	adhE2	14	13	18	0.928571429	1.285714286	1	1
RVBD_2260	-	29	30	41	1.034482759	1.413793103	1	1
RVBD_2261c	-	6	3	1	0.5	0.166666667	1	1
RVBD_2262c	-	4	3	2	0.75	0.5	1	1
RVBD_2263	-	119	126	79	1.058823529	0.663865546	0.915990849	0.510602772
RVBD_2264c	-	11	8	7	0.727272727	0.636363636	1	1
RVBD_2265	-	7	3	2	0.428571429	0.285714286	1	1
RVBD_2266	cyp124	30	35	46	1.166666667	1.533333333	1	1
RVBD_2267c	-	38	26	11	0.684210526	0.289473684	0.84878059	0.153616088
RVBD_2268c	cyp128	13	15	6	1.153846154	0.461538462	1	1
RVBD_2269c	-	2	2	1	1	0.5	1	1
RVBD_2270	lppN	5	5	4	1	0.8	1	1
RVBD_2271	-	19	51	55	2.684210526	2.894736842	1	1
RVBD_2272	-	7	11	13	1.571428571	1.857142857	1	1
RVBD_2273	-	15	14	8	0.933333333	0.533333333	1	1
RVBD_2274A	-	53	91	52	1.716981132	0.981132075	0.702967331	1
RVBD_2274c	-	22	18	18	0.818181818	0.818181818	1	1
RVBD_2275	-	74	108	123	1.459459459	1.662162162	1	1
RVBD_2276	cyp121	39	57	46	1.461538462	1.179487179	1	1
RVBD_2277c	-	6	4	1	0.666666667	0.166666667	1	1
RVBD_2278	-	144	81	75	0.5625	0.520833333	0.635495169	1
RVBD_2279	-	131	155	48	1.183206107	0.366412214	1	0.133570767
RVBD_2280	-	55	47	40	0.854545455	0.727272727	0.860865012	0.698255754
RVBD_2281	pitB	21	30	27	1.428571429	1.285714286	1	1
RVBD_2282c	-	18	9	4	0.5	0.222222222	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2283	-	6	9	4	1.5	0.666666667	1	1
RVBD_2284	lipM	24	26	20	1.083333333	0.833333333	1	1
RVBD_2285	-	11	21	15	1.909090909	1.363636364	1	1
RVBD_2286c	-	60	79	50	1.316666667	0.833333333	1	1
RVBD_2287	yjcE	7	9	5	1.285714286	0.714285714	1	1
RVBD_2288	-	500	462	362	0.924	0.724	0.751451805	0.604355596
RVBD_2289	cdh	145	174	195	1.2	1.344827586	1	1
RVBD_2290	lppO	255	365	262	1.431372549	1.02745098	1	1
RVBD_2291	sseB	83	82	102	0.987951807	1.228915663	0.880764793	1
RVBD_2292c	-	6	8	7	1.333333333	1.166666667	1	1
RVBD_2293c	-	18	20	8	1.111111111	0.444444444	1	1
RVBD_2294	-	12	8	6	0.666666667	0.5	1	1
RVBD_2295	-	221	404	312	1.828054299	1.411764706	0.999044636	0.824382902
RVBD_2296	-	24	31	26	1.291666667	1.083333333	1	1
RVBD_2297	-	61	101	107	1.655737705	1.754098361	0.366730868	0.37806119
RVBD_2298	-	51	47	52	0.921568627	1.019607843	1	1
RVBD_2299c	htpG	109	85	83	0.779816514	0.76146789	0.616109571	0.405651288
RVBD_2300c	-	15	16	6	1.066666667	0.4	1	1
RVBD_2301	cut2	48	81	61	1.6875	1.270833333	0.344837067	0.709509328
RVBD_2302	-	95	98	107	1.031578947	1.126315789	1	0.798334533
RVBD_2303c	-	17	11	6	0.647058824	0.352941176	1	1
RVBD_2304c	-	2	2	4	1	2	1	1
RVBD_2305	-	19	20	8	1.052631579	0.421052632	1	1
RVBD_2306A	-	9	3	4	0.333333333	0.444444444	1	1
RVBD_2306B	-	31	22	8	0.709677419	0.258064516	1	1
RVBD_2307A	-	67	67	51	1	0.76119403	1	1
RVBD_2307B	-	78	33	30	0.423076923	0.384615385	0.809249712	0.759403435
RVBD_2307c	-	27	10	12	0.37037037	0.444444444	1	1
RVBD_2307D	-	17	12	15	0.705882353	0.882352941	1	1
RVBD_2308	-	15	15	11	1	0.733333333	1	1
RVBD_2309A	-	12	9	4	0.75	0.333333333	1	1
RVBD_2309c	-	28	8	7	0.285714286	0.25	1	1
RVBD_2309Xc	-	10	17	13	1.7	1.3	1	1
RVBD_2310	-	1	2	1	2	1	1	1
RVBD_2311	-	10	13	4	1.3	0.4	1	1
RVBD_2312	-	65	70	37	1.076923077	0.569230769	0.98809297	1
RVBD_2313c	-	130	117	158	0.9	1.215384615	0.764789801	1
RVBD_2314c	-	36	19	22	0.527777778	0.611111111	0.649856605	1
RVBD_2315c	-	64	36	52	0.5625	0.8125	0.702967331	0.711164868
RVBD_2316	uspA	14	9	3	0.642857143	0.214285714	1	1
RVBD_2317	uspB	7	10	2	1.428571429	0.285714286	1	1
RVBD_2318	uspC	4	2	2	0.5	0.5	1	1
RVBD_2319c	-	26	28	20	1.076923077	0.769230769	1	1
RVBD_2320c	rocE	13	14	8	1.076923077	0.615384615	1	1
RVBD_2321c	rocD2	23	24	16	1.043478261	0.695652174	1	1
RVBD_2322c	rocD1	25	26	14	1.04	0.56	1	1
RVBD_2323c	-	32	39	36	1.21875	1.125	1	1
RVBD_2324	-	21	10	9	0.476190476	0.428571429	1	1
RVBD_2325c	-	30	30	36	1	1.2	1	1
RVBD_2326c	-	158	156	183	0.987341772	1.158227848	0.881902957	0.950762482
RVBD_2327	-	208	115	209	0.552884615	1.004807692	0.662089898	0.911555079
RVBD_2328	PE23	15	11	17	0.733333333	1.133333333	1	1
RVBD_2329c	narK1	69	82	92	1.188405797	1.333333333	1	1
RVBD_2330c	lppP	43	27	20	0.627906977	0.465116279	1	0.965299788
RVBD_2331	-	54	46	42	0.851851852	0.777777778	1	1
RVBD_2331A	-	45	42	51	0.933333333	1.133333333	1	1
RVBD_2332	mez	26	23	28	0.884615385	1.076923077	1	1
RVBD_2333c	-	21	20	9	0.952380952	0.428571429	1	1
RVBD_2334	cysK1	68	63	75	0.926470588	1.102941176	0.915990849	1
RVBD_2335	cysE	89	50	97	0.561797753	1.08988764	0.813600463	1
RVBD_2336	-	79	45	37	0.569620253	0.46835443	0.843028335	0.597045913
RVBD_2337c	-	20	17	12	0.85	0.6	1	1
RVBD_2338c	moeW	44	36	28	0.818181818	0.636363636	1	1
RVBD_2339	mmpL9	69	92	75	1.333333333	1.086956522	0.984127414	1
RVBD_2340c	PE_PGRS39	21	33	28	1.571428571	1.333333333	1	1
RVBD_2341	lppQ	8	3	5	0.375	0.625	1	1
RVBD_2342	-	799	280	371	0.350438048	0.464330413	0.019186063	0.087327077

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2343c	dnaG	100	77	67	0.77	0.67	0.563537523	0.440375784
RVBD_2344c	dgt	31	22	23	0.709677419	0.741935484	1	1
RVBD_2345	-	35	59	48	1.685714286	1.371428571	1	1
RVBD_2346c	esxO	406	543	397	1.337438424	0.977832512	1	0.930077258
RVBD_2347c	esxP	12269	15690	14576	1.278832831	1.188034885	1	0.911555079
RVBD_2348c	-	653	2187	1591	3.349157734	2.436447167	0.609704519	0.964410871
RVBD_2349c	plcC	19	12	10	0.631578947	0.526315789	1	1
RVBD_2350c	plcB	64	58	56	0.90625	0.875	0.764789801	0.783898946
RVBD_2351c	plcA	10	7	5	0.7	0.5	1	1
RVBD_2352c	PPE38	39	47	14	1.205128205	0.358974359	1	0.448239419
RVBD_2353c	PPE39	17	14	3	0.823529412	0.176470588	1	1
RVBD_2354	-	140	81	74	0.578571429	0.528571429	0.644559892	1
RVBD_2355	-	131	155	48	1.183206107	0.366412214	1	0.133570767
RVBD_2356c	PPE40	73	118	85	1.616438356	1.164383562	1	1
RVBD_2357c	glyS	125	132	84	1.056	0.672	0.93640995	0.608604541
RVBD_2358	-	102	36	45	0.352941176	0.441176471	0.390114134	0.698343057
RVBD_2359	furB	119	162	138	1.361344538	1.159663866	1	1
RVBD_2360c	-	20	7	13	0.35	0.65	1	1
RVBD_2361c	-	30	25	30	0.833333333	1	1	1
RVBD_2362c	recO	7	5	7	0.714285714	1	1	1
RVBD_2363	amiA2	16	9	8	0.5625	0.5	1	1
RVBD_2364c	era	38	52	63	1.368421053	1.657894737	0.605676928	0.486612225
RVBD_2365c	-	13	32	28	2.461538462	2.153846154	1	1
RVBD_2366c	-	96	120	132	1.25	1.375	1	1
RVBD_2367c	-	111	90	140	0.810810811	1.261261261	0.919513756	1
RVBD_2368c	phoH1	174	233	255	1.33908046	1.465517241	1	0.718293999
RVBD_2369c	-	69	82	85	1.188405797	1.231884058	0.99785905	0.796739125
RVBD_2370c	-	13	18	7	1.384615385	0.538461538	1	1
RVBD_2371	PE_PGRS40	11	18	16	1.636363636	1.454545455	1	1
RVBD_2372c	-	35	22	38	0.628571429	1.085714286	1	0.74585772
RVBD_2373c	dnaJ2	134	171	127	1.276119403	0.947761194	1	0.950762482
RVBD_2374c	hrcA	134	135	131	1.007462687	0.97761194	0.865065754	0.975113336
RVBD_2375	-	33	32	39	0.96969697	1.181818182	1	1
RVBD_2376c	cfp2	41	23	23	0.56097561	0.56097561	1	1
RVBD_2377c	mbtH	94	152	117	1.617021277	1.244680851	0.408352399	0.801647172
RVBD_2378c	mbtG	123	108	116	0.87804878	0.943089431	0.72657358	0.948893558
RVBD_2379c	mbtF	20	19	23	0.95	1.15	1	1
RVBD_2380c	mbtE	27	25	30	0.925925926	1.111111111	1	1
RVBD_2381c	mbtD	13	10	14	0.769230769	1.076923077	1	1
RVBD_2382c	mbtC	23	31	34	1.347826087	1.47826087	1	1
RVBD_2383c	mbtB	62	40	51	0.64516129	0.822580645	0.38551924	1
RVBD_2384	mbtA	18	12	11	0.666666667	0.611111111	1	1
RVBD_2385	mbtJ	9	6	5	0.666666667	0.555555556	1	1
RVBD_2386A	-	63	162	162	2.571428571	2.571428571	0.128803451	0.436350838
RVBD_2386c	mbtI	61	60	80	0.983606557	1.31147541	0.838258381	1
RVBD_2387	-	54	78	124	1.444444444	2.296296296	1	0.884732008
RVBD_2388c	hemN	26	35	36	1.346153846	1.384615385	1	1
RVBD_2389c	rpfD	78	56	49	0.717948718	0.628205128	1	1
RVBD_2390c	-	51	22	26	0.431372549	0.509803922	0.761841007	1
RVBD_2391	nirA	785	557	615	0.70955414	0.78343949	0.766787841	1
RVBD_2392	cysH	67	71	87	1.059701493	1.298507463	1	1
RVBD_2393	-	178	110	118	0.617977528	0.662921348	0.366730868	0.608604541
RVBD_2394	ggtB	140	104	118	0.742857143	0.842857143	0.608178893	1
RVBD_2395	-	85	100	82	1.176470588	0.964705882	1	0.969480094
RVBD_2395A	-	1142	402	1131	0.352014011	0.990367776	0.002614737	1
RVBD_2395B	-	633	631	835	0.996840442	1.319115324	0.859421009	1
RVBD_2396	PE_PGRS41	122	102	140	0.836065574	1.147540984	0.666678457	1
RVBD_2397c	cysA1	33	23	25	0.696969697	0.757575758	1	1
RVBD_2398c	cysW	142	45	70	0.316901408	0.492957746	0.326232522	0.191529682
RVBD_2399c	cysT	35	30	26	0.857142857	0.742857143	1	1
RVBD_2400c	subI	83	108	107	1.301204819	1.289156627	1	1
RVBD_2401	-	11	10	3	0.909090909	0.272727273	1	1
RVBD_2401A	-	17	5	8	0.294117647	0.470588235	1	1
RVBD_2402	-	81	84	73	1.037037037	0.901234568	0.915990849	0.911555079
RVBD_2403c	lppR	32	30	45	0.9375	1.40625	1	1
RVBD_2404c	lepA	52	60	50	1.153846154	0.961538462	1	0.875736848
RVBD_2405	-	29	28	34	0.965517241	1.172413793	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2406c	-	39	22	27	0.564102564	0.692307692	0.816804536	1
RVBD_2407	-	13	14	6	1.076923077	0.461538462	1	1
RVBD_2408	PE24	19	18	6	0.947368421	0.315789474	1	1
RVBD_2409c	-	91	117	115	1.285714286	1.263736264	1	1
RVBD_2410c	-	31	36	33	1.161290323	1.064516129	1	1
RVBD_2411c	-	45	65	63	1.444444444	1.4	1	1
RVBD_2412	rpsT	37	48	35	1.297297297	0.945945946	0.855810346	1
RVBD_2413c	-	9	7	8	0.777777778	0.888888889	1	1
RVBD_2414c	-	14	16	15	1.142857143	1.071428571	1	1
RVBD_2415c	-	6	7	5	1.166666667	0.833333333	1	1
RVBD_2416c	eis	11	11	8	1	0.727272727	1	1
RVBD_2417c	-	17	18	24	1.058823529	1.411764706	1	1
RVBD_2418c	-	68	78	61	1.147058824	0.897058824	1	1
RVBD_2419c	-	23	30	34	1.304347826	1.47826087	1	1
RVBD_2420c	-	59	62	53	1.050847458	0.898305085	1	1
RVBD_2421c	nadD	40	49	45	1.225	1.125	0.74000816	0.73055285
RVBD_2422	-	5	3	1	0.6	0.2	1	1
RVBD_2423	-	10	15	10	1.5	1	1	1
RVBD_2424c	-	20	16	14	0.8	0.7	1	1
RVBD_2425c	-	34	19	20	0.558823529	0.588235294	0.669753105	1
RVBD_2426c	-	101	106	80	1.04950495	0.792079208	0.872262042	0.627722591
RVBD_2427Ac	-	20	8	13	0.4	0.65	1	1
RVBD_2427c	proA	62	87	76	1.403225806	1.225806452	1	1
RVBD_2428	ahpC	27	41	50	1.518518519	1.851851852	1	1
RVBD_2429	ahpD	13	13	11	1	0.846153846	1	1
RVBD_2430c	PPE41	807	726	1086	0.899628253	1.345724907	0.858035267	1
RVBD_2431c	PE25	567	1676	1461	2.955908289	2.576719577	0.197104703	0.11010369
RVBD_2432c	-	140	501	305	3.578571429	2.178571429	0.222005477	0.802708056
RVBD_2433c	-	5	6	4	1.2	0.8	1	1
RVBD_2434c	-	21	25	16	1.19047619	0.761904762	1	1
RVBD_2435c	-	42	41	34	0.976190476	0.80952381	0.833664939	0.698255754
RVBD_2436	rbsK	15	10	16	0.666666667	1.066666667	1	1
RVBD_2437	-	10	8	6	0.8	0.6	1	1
RVBD_2438A	-	3	3	1	1	0.333333333	1	1
RVBD_2438c	nadE	62	98	94	1.580645161	1.516129032	1	0.892899693
RVBD_2439c	proB	7	6	7	0.857142857	1	1	1
RVBD_2440c	obgE	54	38	47	0.703703704	0.87037037	0.840379762	0.769047752
RVBD_2441c	rpmA	384	681	729	1.7734375	1.8984375	1	0.796739125
RVBD_2442c	rplU	4217	6114	3986	1.449845862	0.945221722	1	1
RVBD_2443	dctA	23	20	14	0.869565217	0.608695652	1	1
RVBD_2444c	rne	598	649	629	1.085284281	1.051839465	1	1
RVBD_2445c	ndk	102	37	48	0.362745098	0.470588235	0.408363197	0.896752648
RVBD_2446c	-	38	28	37	0.736842105	0.973684211	1	1
RVBD_2447c	folC	41	22	27	0.536585366	0.658536585	0.731998251	0.802708056
RVBD_2448c	valS	108	100	112	0.925925926	1.037037037	0.827268264	1
RVBD_2449c	-	52	39	47	0.75	0.903846154	0.906386678	0.893101108
RVBD_2450c	rpfE	16	6	13	0.375	0.8125	1	1
RVBD_2451	-	10	10	3	1	0.3	1	1
RVBD_2452c	-	162	196	234	1.209876543	1.444444444	0.78878806	0.604355596
RVBD_2453c	mobA	40	50	58	1.25	1.45	0.72657358	0.596277673
RVBD_2454c	-	93	73	89	0.784946237	0.956989247	0.702967331	0.882914222
RVBD_2455c	-	343	386	393	1.125364431	1.145772595	1	1
RVBD_2456c	-	49	59	63	1.204081633	1.285714286	1	1
RVBD_2457c	clpX	524	545	548	1.040076336	1.045801527	1	1
RVBD_2458	mmuM	7	4	3	0.571428571	0.428571429	1	1
RVBD_2459	-	15	17	15	1.133333333	1	1	1
RVBD_2460c	clpP2	979	1203	1618	1.228804903	1.652706844	1	0.97514416
RVBD_2461c	clpP	413	423	470	1.024213075	1.138014528	0.867267374	1
RVBD_2462c	tig	147	150	170	1.020408163	1.156462585	0.818796868	1
RVBD_2463	lipP	201	154	157	0.766169154	0.781094527	0.628951149	0.86275849
RVBD_2464c	-	14	10	10	0.714285714	0.714285714	1	1
RVBD_2465c	-	163	133	114	0.81595092	0.699386503	0.842059721	0.609457441
RVBD_2466c	-	31	47	30	1.516129032	0.967741935	1	1
RVBD_2467	pepN	42	44	31	1.047619048	0.738095238	0.887267064	0.633489638
RVBD_2468A	-	270	453	382	1.677777778	1.414814815	1	1
RVBD_2468c	-	46	75	63	1.630434783	1.369565217	0.450801585	0.635337798
RVBD_2469c	-	18	21	28	1.166666667	1.555555556	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2470	glbO	33	30	29	0.909090909	0.878787879	1	1
RVBD_2471	aglA	24	24	30	1	1.25	1	1
RVBD_2472	-	32	44	52	1.375	1.625	1	1
RVBD_2473	-	26	27	22	1.038461538	0.846153846	1	1
RVBD_2474c	-	21	14	20	0.666666667	0.952380952	1	1
RVBD_2475c	-	10	14	18	1.4	1.8	1	1
RVBD_2476c	gdh	74	68	69	0.918918919	0.932432432	0.860865012	0.902852422
RVBD_2477c	-	321	426	356	1.327102804	1.109034268	1	1
RVBD_2478c	-	14	8	9	0.571428571	0.642857143	1	1
RVBD_2479c	-	130	155	48	1.192307692	0.369230769	1	0.133570767
RVBD_2480c	-	140	81	74	0.578571429	0.528571429	0.649856605	1
RVBD_2481c	-	5	5	5	1	1	1	1
RVBD_2482c	plsB2	40	34	43	0.85	1.075	0.756577335	0.983280552
RVBD_2483c	plsC	74	169	120	2.283783784	1.621621622	0.72657358	0.709509328
RVBD_2484c	-	88	77	92	0.875	1.045454545	0.709203392	1
RVBD_2485c	lipQ	6	6	2	1	0.333333333	1	1
RVBD_2486	echA14	9	9	8	1	0.888888889	1	1
RVBD_2487c	PE_PGRS42	2	2	1	1	0.5	1	1
RVBD_2488c	-	9	9	8	1	0.888888889	1	1
RVBD_2489c	-	23	49	32	2.130434783	1.391304348	1	1
RVBD_2490c	PE_PGRS43	1	2	1	2	1	1	1
RVBD_2491	-	40	29	11	0.725	0.275	1	0.711500177
RVBD_2492	-	33	15	10	0.454545455	0.303030303	1	1
RVBD_2493	-	10	16	19	1.6	1.9	1	1
RVBD_2494	-	110	131	131	1.190909091	1.190909091	1	1
RVBD_2495c	pdhC	455	449	433	0.986813187	0.951648352	0.880764793	0.884732008
RVBD_2496c	pdhB	201	325	339	1.616915423	1.686567164	1	1
RVBD_2497c	pdhA	146	210	166	1.438356164	1.136986301	1	1
RVBD_2498c	citE	68	156	102	2.294117647	1.5	0.910485307	1
RVBD_2499c	-	67	72	62	1.074626866	0.925373134	0.890676079	1
RVBD_2500c	fadE19	913	2292	1663	2.510405257	1.821467689	0.252939077	0.237795127
RVBD_2501c	accA1	75	287	130	3.826666667	1.733333333	0.019186063	0.604355596
RVBD_2502c	accD1	106	117	83	1.103773585	0.783018868	1	0.772934363
RVBD_2503c	scoB	201	369	159	1.835820896	0.791044776	1	0.777193067
RVBD_2504c	scoA	177	284	169	1.604519774	0.95480226	1	0.948893558
RVBD_2505c	fadD35	29	57	21	1.965517241	0.724137931	1	1
RVBD_2506	-	6	4	3	0.666666667	0.5	1	1
RVBD_2507	-	47	65	45	1.382978723	0.957446809	0.919513756	1
RVBD_2508c	-	13	8	7	0.615384615	0.538461538	1	1
RVBD_2509	-	24	24	25	1	1.041666667	1	1
RVBD_2510c	-	26	60	43	2.307692308	1.653846154	1	1
RVBD_2511	orn	21	16	8	0.761904762	0.380952381	1	1
RVBD_2512A	-	229	452	478	1.973799127	2.087336245	0.91544648	0.440375784
RVBD_2512c	-	54	57	22	1.055555556	0.407407407	0.911649756	0.608604541
RVBD_2513	-	125	170	236	1.36	1.888	1	0.813111833
RVBD_2514c	-	38	21	22	0.552631579	0.578947368	0.772493753	1
RVBD_2515c	-	3	5	4	1.666666667	1.333333333	1	1
RVBD_2516c	-	118	172	144	1.457627119	1.220338983	1	1
RVBD_2517c	-	1197	2747	1797	2.294903926	1.501253133	1	1
RVBD_2518c	lppS	21	44	27	2.095238095	1.285714286	1	1
RVBD_2519	PE26	52	61	58	1.173076923	1.115384615	0.93169404	1
RVBD_2520c	-	83	70	29	0.843373494	0.34939759	1	0.895091032
RVBD_2521	bcp	97	41	56	0.422680412	0.577319588	0.366730868	1
RVBD_2522c	-	104	132	109	1.269230769	1.048076923	1	1
RVBD_2523c	acpS	67	94	87	1.402985075	1.298507463	0.608178893	0.634985928
RVBD_2524c	fas	428	377	316	0.880841121	0.738317757	0.999812272	1
RVBD_2525c	-	440	415	330	0.943181818	0.75	0.861784414	0.937063129
RVBD_2526	-	82	37	40	0.451219512	0.487804878	0.649856605	0.993864452
RVBD_2527	-	1	4	2	4	2	1	1
RVBD_2528c	mrr	9	5	1	0.555555556	0.111111111	1	1
RVBD_2529	-	10	8	3	0.8	0.3	1	1
RVBD_2530A	-	59	22	34	0.372881356	0.576271186	0.794048903	1
RVBD_2530c	-	15	9	10	0.6	0.666666667	1	1
RVBD_2531c	-	46	37	52	0.804347826	1.130434783	0.639372212	1
RVBD_2532c	-	65	47	76	0.723076923	1.169230769	1	0.709509328
RVBD_2533c	nusB	30	16	24	0.533333333	0.8	1	1
RVBD_2534c	efp	192	135	222	0.703125	1.15625	0.649856605	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2535c	pepQ	36	33	51	0.916666667	1.416666667	1	1
RVBD_2536	-	67	53	51	0.791044776	0.76119403	1	1
RVBD_2537c	aroD	13	10	14	0.769230769	1.076923077	1	1
RVBD_2538c	aroB	51	65	66	1.274509804	1.294117647	1	1
RVBD_2539c	aroK	253	221	240	0.873517787	0.948616601	0.709514281	0.940500053
RVBD_2540c	aroF	201	114	188	0.567164179	0.935323383	0.222005477	1
RVBD_2541	-	0	1	1	#DIV/0!	#DIV/0!	1	1
RVBD_2542	-	21	22	21	1.047619048	1	1	1
RVBD_2543	lppA	28	44	22	1.571428571	0.785714286	1	1
RVBD_2544	lppB	47	60	26	1.276595745	0.553191489	0.635495169	1
RVBD_2545	-	14	8	4	0.571428571	0.285714286	1	1
RVBD_2546	-	10	9	2	0.9	0.2	1	1
RVBD_2547	-	9	8	6	0.888888889	0.666666667	1	1
RVBD_2548	-	54	39	23	0.722222222	0.425925926	1	0.91443022
RVBD_2548A	-	356	609	408	1.710674157	1.146067416	1	1
RVBD_2549c	-	20	43	54	2.15	2.7	1	1
RVBD_2550c	-	44	51	35	1.159090909	0.795454545	0.919513756	1
RVBD_2551c	-	49	68	78	1.387755102	1.591836735	0.635495169	0.600469271
RVBD_2552c	aroE	37	40	32	1.081081081	0.864864865	0.819392675	0.884732008
RVBD_2553c	-	253	211	296	0.833992095	1.169960474	0.756577335	0.968407072
RVBD_2554c	-	132	86	132	0.651515152	1	0.894948888	0.956203762
RVBD_2555c	alaS	343	347	372	1.011661808	1.084548105	1	1
RVBD_2556c	-	847	1722	1013	2.033057851	1.195985832	1	0.952929854
RVBD_2557	-	234	145	183	0.61965812	0.782051282	0.338644689	0.777193067
RVBD_2558	-	71	34	42	0.478873239	0.591549296	0.320520133	1
RVBD_2559c	-	5	2	4	0.4	0.8	1	1
RVBD_2560	-	12	9	4	0.75	0.333333333	1	1
RVBD_2561	-	52	59	52	1.134615385	1	0.910369245	1
RVBD_2562	-	34	36	26	1.058823529	0.764705882	0.902037337	1
RVBD_2563	-	11	7	9	0.636363636	0.818181818	1	1
RVBD_2564	glnQ	25	26	21	1.04	0.84	1	1
RVBD_2565	-	26	22	24	0.846153846	0.923076923	1	1
RVBD_2566	-	9	7	9	0.777777778	1	1	1
RVBD_2567	-	106	83	84	0.783018868	0.79245283	0.650723606	1
RVBD_2568c	-	46	43	31	0.934782609	0.673913043	1	1
RVBD_2569c	-	12	9	7	0.75	0.583333333	1	1
RVBD_2570	-	85	319	126	3.752941176	1.482352941	9.31E-07	0.604980235
RVBD_2571c	-	13	7	7	0.538461538	0.538461538	1	1
RVBD_2572c	aspS	46	23	25	0.5	0.543478261	0.772657517	0.546153592
RVBD_2573	-	6	8	3	1.333333333	0.5	1	1
RVBD_2574	-	23	13	10	0.565217391	0.434782609	1	1
RVBD_2575	-	97	103	74	1.06185567	0.762886598	0.879219037	0.608604541
RVBD_2576c	-	226	106	163	0.469026549	0.721238938	0.629556058	0.604355596
RVBD_2577	-	10	20	16	2	1.6	1	1
RVBD_2578c	-	13	11	5	0.846153846	0.384615385	1	1
RVBD_2579	dhaA	9	7	6	0.777777778	0.666666667	1	1
RVBD_2580c	hisS	72	69	75	0.958333333	1.041666667	0.818796868	0.940500053
RVBD_2581c	-	36	12	21	0.333333333	0.583333333	0.173115532	1
RVBD_2582	ppiB	33	34	28	1.03030303	0.848484848	1	1
RVBD_2583c	relA	185	237	213	1.281081081	1.151351351	0.977444741	0.927099709
RVBD_2584c	apt	16	22	33	1.375	2.0625	1	1
RVBD_2585c	-	78	80	83	1.025641026	1.064102564	0.876587469	1
RVBD_2586c	secF	144	119	106	0.826388889	0.736111111	0.629556058	0.53909688
RVBD_2587c	secD	333	339	393	1.018018018	1.18018018	0.915990849	1
RVBD_2588c	yajC	144	130	181	0.902777778	1.256944444	1	1
RVBD_2589	gabT	39	24	38	0.615384615	0.974358974	0.840455564	1
RVBD_2590	fadD9	98	174	207	1.775510204	2.112244898	1	1
RVBD_2591	PE_PGRS44	8	16	15	2	1.875	1	1
RVBD_2592c	ruvB	66	22	37	0.333333333	0.560606061	0.02533007	0.69029503
RVBD_2593c	ruvA	26	24	29	0.923076923	1.115384615	1	1
RVBD_2594c	ruvC	112	77	115	0.6875	1.026785714	0.914767451	1
RVBD_2595	-	22	7	6	0.318181818	0.272727273	1	1
RVBD_2596	-	2	3	4	1.5	2	1	1
RVBD_2597	-	25	24	26	0.96	1.04	1	1
RVBD_2598	-	2	4	3	2	1.5	1	1
RVBD_2599	-	77	29	23	0.376623377	0.298701299	0.629556058	0.503577818
RVBD_2600	-	24	14	17	0.583333333	0.708333333	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2601	speE	7	4	3	0.571428571	0.428571429	1	1
RVBD_2601A	-	33	20	28	0.606060606	0.848484848	1	1
RVBD_2602	-	30	24	28	0.8	0.933333333	1	1
RVBD_2603c	-	124	135	151	1.088709677	1.217741935	0.908555325	1
RVBD_2604c	-	15	22	32	1.466666667	2.133333333	1	1
RVBD_2605c	tesB2	237	196	263	0.827004219	1.109704641	0.649856605	1
RVBD_2606c	-	161	185	133	1.149068323	0.826086957	1	0.846530976
RVBD_2607	pdxH	47	40	25	0.85106383	0.531914894	1	1
RVBD_2608	PPE42	23	26	19	1.130434783	0.826086957	1	1
RVBD_2609c	-	45	35	65	0.777777778	1.444444444	1	1
RVBD_2610c	pimA	39	29	34	0.743589744	0.871794872	0.903888556	1
RVBD_2611c	-	57	114	85	2	1.49122807	1	1
RVBD_2612c	pgsA1	59	32	41	0.542372881	0.694915254	0.590908298	1
RVBD_2613c	-	16	17	20	1.0625	1.25	1	1
RVBD_2614A	-	0	1	1	#DIV/0!	#DIV/0!	1	1
RVBD_2614c	thrS	82	96	82	1.170731707	1	1	1
RVBD_2615c	PE_PGRS45	6	10	7	1.666666667	1.166666667	1	1
RVBD_2616	-	17	10	6	0.588235294	0.352941176	1	1
RVBD_2617c	-	15	20	17	1.333333333	1.133333333	1	1
RVBD_2618	-	6	12	8	2	1.333333333	1	1
RVBD_2619c	-	25	21	25	0.84	1	1	1
RVBD_2620c	-	200	95	69	0.475	0.345	0.751451805	0.437125456
RVBD_2621c	-	124	50	74	0.403225806	0.596774194	0.539170691	0.551307506
RVBD_2622	-	8	5	2	0.625	0.25	1	1
RVBD_2623	TB31.7	895	480	875	0.536312849	0.977653631	0.388185877	1
RVBD_2624c	-	175	155	144	0.885714286	0.822857143	0.72657358	0.824382902
RVBD_2625c	-	362	211	282	0.582872928	0.779005525	0.345385765	0.798334533
RVBD_2626c	-	1450	1059	1347	0.730344828	0.928965517	0.714506542	0.952929854
RVBD_2627c	-	244	148	189	0.606557377	0.774590164	0.326232522	0.961168301
RVBD_2628	-	745	741	601	0.994630872	0.806711409	0.867813526	1
RVBD_2629	-	6921	4592	5149	0.663487935	0.743967635	0.608178893	0.263732836
RVBD_2630	-	277	307	294	1.108303249	1.061371841	0.99785905	1
RVBD_2631	-	676	824	663	1.218934911	0.980769231	1	1
RVBD_2632c	-	168	110	120	0.654761905	0.714285714	0.819483533	1
RVBD_2633c	-	123	163	101	1.325203252	0.821138211	1	0.896752648
RVBD_2634c	PE_PGRS46	6	7	3	1.166666667	0.5	1	1
RVBD_2635	-	5	3	1	0.6	0.2	1	1
RVBD_2636	-	25	12	7	0.48	0.28	1	1
RVBD_2637	dedA	34	25	12	0.735294118	0.352941176	1	0.85864548
RVBD_2638	-	40	17	20	0.425	0.5	0.635495169	0.999653004
RVBD_2639c	-	63	63	43	1	0.682539683	1	1
RVBD_2640c	-	18	14	16	0.777777778	0.888888889	1	1
RVBD_2641	cadI	47	35	28	0.744680851	0.595744681	1	1
RVBD_2642	-	432	201	444	0.465277778	1.027777778	0.169162951	1
RVBD_2643	arsC	12	14	9	1.166666667	0.75	1	1
RVBD_2643A	-	39	26	14	0.666666667	0.358974359	1	0.868813448
RVBD_2644c	-	30	27	15	0.9	0.5	1	1
RVBD_2645	-	13	21	25	1.615384615	1.923076923	1	1
RVBD_2646	-	13	11	8	0.846153846	0.615384615	1	1
RVBD_2647	-	5	7	7	1.4	1.4	1	1
RVBD_2648	-	140	82	75	0.585714286	0.535714286	0.674869885	1
RVBD_2649	-	130	155	48	1.192307692	0.369230769	1	0.133570767
RVBD_2650c	-	14	22	22	1.571428571	1.571428571	1	1
RVBD_2651c	-	16	10	14	0.625	0.875	1	1
RVBD_2652c	-	7	8	3	1.142857143	0.428571429	1	1
RVBD_2653c	-	12	10	8	0.833333333	0.666666667	1	1
RVBD_2654c	-	3	7	4	2.333333333	1.333333333	1	1
RVBD_2655c	-	15	13	12	0.866666667	0.8	1	1
RVBD_2656c	-	2	3	2	1.5	1	1	1
RVBD_2657c	-	11	8	10	0.727272727	0.909090909	1	1
RVBD_2658c	-	38	23	25	0.605263158	0.657894737	0.887945064	1
RVBD_2659c	-	127	79	73	0.622047244	0.57480315	0.388185877	0.448239419
RVBD_2660c	-	6	4	1	0.666666667	0.166666667	1	1
RVBD_2661c	-	4	2	1	0.5	0.25	1	1
RVBD_2662	-	67	75	57	1.119402985	0.850746269	0.955539256	1
RVBD_2663	-	152	348	312	2.289473684	2.052631579	0.164313269	0.18546418
RVBD_2664	-	45	79	79	1.755555556	1.755555556	0.485950484	0.813295001

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2665	-	73	89	78	1.219178082	1.068493151	0.919513756	0.878859561
RVBD_2666	-	21	20	16	0.952380952	0.761904762	1	1
RVBD_2667	clpC2	10	11	6	1.1	0.6	1	1
RVBD_2668	-	6	8	6	1.333333333	1	1	1
RVBD_2669	-	14	9	5	0.642857143	0.357142857	1	1
RVBD_2670c	-	24	21	6	0.875	0.25	1	1
RVBD_2671	ribD	8	5	4	0.625	0.5	1	1
RVBD_2672	-	19	21	16	1.105263158	0.842105263	1	1
RVBD_2673	-	38	21	22	0.552631579	0.578947368	0.663708552	1
RVBD_2674	-	30	45	43	1.5	1.433333333	1	1
RVBD_2675c	-	58	44	46	0.75862069	0.793103448	0.90602222	1
RVBD_2676c	-	255	295	241	1.156862745	0.945098039	1	0.956203762
RVBD_2677c	hemY	19	30	25	1.578947368	1.315789474	1	1
RVBD_2678c	hemE	17	10	20	0.588235294	1.176470588	1	1
RVBD_2679	echA15	10	15	12	1.5	1.2	1	1
RVBD_2680	-	79	73	85	0.924050633	1.075949367	1	1
RVBD_2681	-	43	42	42	0.976744186	0.976744186	0.93169404	1
RVBD_2682c	dxs1	78	65	82	0.833333333	1.051282051	0.671707406	1
RVBD_2683	-	15	5	5	0.333333333	0.333333333	1	1
RVBD_2684	arsA	33	25	25	0.757575758	0.757575758	1	1
RVBD_2685	arsB1	19	18	15	0.947368421	0.789473684	1	1
RVBD_2686c	-	4	7	8	1.75	2	1	1
RVBD_2687c	-	31	32	26	1.032258065	0.838709677	1	1
RVBD_2688c	-	35	42	44	1.2	1.257142857	0.687068238	0.703857735
RVBD_2689c	-	7	7	7	1	1	1	1
RVBD_2690c	-	15	14	9	0.933333333	0.6	1	1
RVBD_2691	ceoB	43	36	28	0.837209302	0.651162791	1	1
RVBD_2692	ceoC	42	38	43	0.904761905	1.023809524	1	0.802708056
RVBD_2693c	-	47	46	42	0.978723404	0.893617021	0.999263918	0.911555079
RVBD_2694c	-	606	379	389	0.625412541	0.641914191	0.332197514	0.233918013
RVBD_2695	-	9	6	5	0.666666667	0.555555556	1	1
RVBD_2696c	-	138	99	133	0.717391304	0.963768116	0.649856605	0.890607097
RVBD_2697c	dut	233	308	381	1.321888412	1.635193133	1	1
RVBD_2698	-	4	11	7	2.75	1.75	1	1
RVBD_2699c	-	50	46	50	0.92	1	1	1
RVBD_2700	-	20	17	20	0.85	1	1	1
RVBD_2701c	suhB	11	18	12	1.636363636	1.090909091	1	1
RVBD_2702	ppgK	36	47	32	1.305555556	0.888888889	0.635495169	0.878859561
RVBD_2703	sigA	387	576	600	1.488372093	1.550387597	1	1
RVBD_2704	-	306	244	207	0.797385621	0.676470588	0.638780533	0.608604541
RVBD_2705c	-	7	6	5	0.857142857	0.714285714	1	1
RVBD_2706c	-	9	7	3	0.777777778	0.333333333	1	1
RVBD_2707	-	162	260	253	1.604938272	1.561728395	1	0.629022455
RVBD_2708c	-	2315	1024	2012	0.442332613	0.869114471	0.056944209	0.848218109
RVBD_2709	-	18	24	27	1.333333333	1.5	1	1
RVBD_2710	sigB	1154	1033	1245	0.895147314	1.078856153	1	1
RVBD_2711	ideR	158	178	193	1.126582278	1.221518987	0.972739024	1
RVBD_2712c	-	9	9	6	1	0.666666667	1	1
RVBD_2713	sthA	35	49	32	1.4	0.914285714	1	1
RVBD_2714	-	114	100	128	0.877192982	1.122807018	0.74000816	1
RVBD_2715	-	72	70	106	0.972222222	1.472222222	0.867813526	1
RVBD_2716	-	96	191	152	1.989583333	1.583333333	1	1
RVBD_2717c	-	13	12	9	0.923076923	0.692307692	1	1
RVBD_2718c	-	52	46	35	0.884615385	0.673076923	1	1
RVBD_2719c	-	62	68	81	1.096774194	1.306451613	0.790282941	0.639905368
RVBD_2720	lexA	93	52	102	0.559139785	1.096774194	0.860865012	1
RVBD_2721c	-	55	34	37	0.618181818	0.672727273	0.590908298	0.596277673
RVBD_2722	-	12	12	11	1	0.916666667	1	1
RVBD_2723	-	51	66	57	1.294117647	1.117647059	1	1
RVBD_2724c	fadE20	63	63	54	1	0.857142857	0.876483018	0.810458179
RVBD_2725c	hflX	213	151	183	0.708920188	0.85915493	0.563537523	0.952929854
RVBD_2726c	dapF	95	138	106	1.452631579	1.115789474	1	1
RVBD_2727c	miaA	102	106	78	1.039215686	0.764705882	0.876587469	0.608604541
RVBD_2728c	-	18	31	24	1.722222222	1.333333333	1	1
RVBD_2729c	-	20	10	14	0.5	0.7	1	1
RVBD_2730	-	55	63	14	1.145454545	0.254545455	0.829146669	0.662484891
RVBD_2731	-	35	41	31	1.171428571	0.885714286	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2732c	-	43	21	26	0.488372093	0.604651163	0.93169404	1
RVBD_2733c	-	94	105	108	1.117021277	1.14893617	0.999044636	1
RVBD_2734	-	29	18	8	0.620689655	0.275862069	1	1
RVBD_2735c	-	229	167	160	0.729257642	0.698689956	0.563537523	0.30506074
RVBD_2736c	recX	53	75	65	1.41509434	1.226415094	0.57635341	0.696213131
RVBD_2737A	-	20	23	7	1.15	0.35	1	1
RVBD_2737c	recA	217	236	199	1.087557604	0.917050691	0.91544648	0.817136649
RVBD_2738c	-	100	101	94	1.01	0.94	1	1
RVBD_2739c	-	98	197	158	2.010204082	1.612244898	0.92648477	1
RVBD_2740	-	5	10	8	2	1.6	1	1
RVBD_2741	PE_PGRS47	58	71	65	1.224137931	1.120689655	1	1
RVBD_2742c	-	140	107	112	0.764285714	0.8	0.639372212	0.74585772
RVBD_2743c	-	64	59	69	0.921875	1.078125	1	1
RVBD_2744c	35kd_ag	855	523	575	0.611695906	0.67251462	0.565614716	0.608604541
RVBD_2745c	-	2535	2097	1928	0.827218935	0.760552268	0.873925097	0.917160508
RVBD_2746c	pgsA3	15	10	9	0.666666667	0.6	1	1
RVBD_2747	-	69	99	58	1.434782609	0.84057971	0.711718017	1
RVBD_2748c	ftsK	48	46	55	0.958333333	1.145833333	0.797010124	1
RVBD_2749	-	72	30	68	0.416666667	0.944444444	0.365288644	0.486612225
RVBD_2750	-	13	14	12	1.076923077	0.923076923	1	1
RVBD_2751	-	31	18	16	0.580645161	0.516129032	1	1
RVBD_2752c	-	56	47	53	0.839285714	0.946428571	0.756617125	0.864850215
RVBD_2753c	dapA	122	57	96	0.467213115	0.786885246	0.590908298	0.709509328
RVBD_2754c	thyX	6	4	3	0.666666667	0.5	1	1
RVBD_2755c	hsdS.1	30	38	24	1.266666667	0.8	1	1
RVBD_2756c	hsdM	66	75	61	1.136363636	0.924242424	1	0.864850215
RVBD_2757c	-	91	208	169	2.285714286	1.857142857	0.563537523	0.583996639
RVBD_2758c	-	19	61	39	3.210526316	2.052631579	1	1
RVBD_2759c	-	8	14	11	1.75	1.375	1	1
RVBD_2760c	-	14	4	8	0.285714286	0.571428571	1	1
RVBD_2761c	hsdS	54	66	35	1.222222222	0.648148148	1	0.813295001
RVBD_2762c	-	9	36	14	4	1.555555556	1	1
RVBD_2763c	dfrA	251	564	443	2.247011952	1.764940239	0.755111825	0.696213131
RVBD_2764c	thyA	111	205	166	1.846846847	1.495495495	1	1
RVBD_2765	-	12	5	4	0.416666667	0.333333333	1	1
RVBD_2766c	fabG	23	16	12	0.695652174	0.52173913	1	1
RVBD_2767c	-	29	11	10	0.379310345	0.344827586	1	1
RVBD_2768c	PPE43	9	7	7	0.777777778	0.777777778	1	1
RVBD_2769c	PE27	9	15	11	1.666666667	1.222222222	1	1
RVBD_2770c	PPE44	12	29	23	2.416666667	1.916666667	1	1
RVBD_2771c	-	55	94	63	1.709090909	1.145454545	0.366730868	0.730964134
RVBD_2772c	-	80	65	55	0.8125	0.6875	1	1
RVBD_2773c	dapB	75	53	58	0.706666667	0.773333333	0.928077391	1
RVBD_2774c	-	4	3	2	0.75	0.5	1	1
RVBD_2775	-	21	44	34	2.095238095	1.619047619	1	1
RVBD_2776c	-	15	12	14	0.8	0.933333333	1	1
RVBD_2777c	-	124	170	166	1.370967742	1.338709677	1	1
RVBD_2778c	-	167	212	229	1.269461078	1.371257485	1	1
RVBD_2779c	-	26	14	23	0.538461538	0.884615385	1	1
RVBD_2780	ald	117	111	98	0.948717949	0.837606838	0.797010124	0.827607636
RVBD_2781c	-	87	64	67	0.735632184	0.770114943	0.761016841	0.608604541
RVBD_2782c	pepR	252	253	277	1.003968254	1.099206349	0.890948381	0.948893558
RVBD_2783c	gpsI	418	408	442	0.976076555	1.057416268	1	1
RVBD_2784c	lppU	123	89	139	0.723577236	1.130081301	0.914767451	1
RVBD_2785c	rpsO	4520	1470	3461	0.325221239	0.765707965	0.004427771	1
RVBD_2786c	ribF	26	17	22	0.653846154	0.846153846	1	1
RVBD_2787	-	13	12	5	0.923076923	0.384615385	1	1
RVBD_2788	sirR	18	11	18	0.611111111	1	1	1
RVBD_2789c	fadE21	95	71	87	0.747368421	0.915789474	0.62931233	0.879539965
RVBD_2790c	ltp1	252	241	298	0.956349206	1.182539683	0.864210829	0.987420092
RVBD_2791c	-	331	506	511	1.528700906	1.543806647	1	1
RVBD_2792c	-	112	102	174	0.910714286	1.553571429	0.909370577	1
RVBD_2793c	truB	39	32	53	0.820512821	1.358974359	1	0.75446743
RVBD_2794c	-	36	22	39	0.611111111	1.083333333	1	0.792661552
RVBD_2795c	-	37	41	55	1.108108108	1.486486486	0.875430498	0.782464774
RVBD_2796c	lppV	14	28	17	2	1.214285714	1	1
RVBD_2797c	-	8	8	8	1	1	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2798c	-	25	33	23	1.32	0.92	1	1
RVBD_2799	-	24	34	29	1.416666667	1.208333333	1	1
RVBD_2800	-	12	6	4	0.5	0.333333333	1	1
RVBD_2801A	-	47	24	22	0.510638298	0.468085106	0.919513756	0.96230058
RVBD_2801c	-	20	19	13	0.95	0.65	1	1
RVBD_2802c	-	9	7	9	0.777777778	1	1	1
RVBD_2803	-	42	58	34	1.380952381	0.80952381	0.678340419	1
RVBD_2804c	-	6	7	1	1.166666667	0.166666667	1	1
RVBD_2805	-	6	20	13	3.333333333	2.166666667	1	1
RVBD_2806	-	6	9	6	1.5	1	1	1
RVBD_2807	-	15	23	4	1.533333333	0.266666667	1	1
RVBD_2808	-	127	146	155	1.149606299	1.220472441	0.72657358	0.722034704
RVBD_2809	-	117	130	135	1.111111111	1.153846154	0.860488198	0.932959914
RVBD_2810c	-	45	43	8	0.955555556	0.177777778	1	0.703857735
RVBD_2811	-	3	5	3	1.666666667	1	1	1
RVBD_2812	-	15	12	8	0.8	0.533333333	1	1
RVBD_2813	-	5	5	4	1	0.8	1	1
RVBD_2814c	-	130	155	48	1.192307692	0.369230769	1	0.133570767
RVBD_2815c	-	140	81	75	0.578571429	0.535714286	0.649856605	1
RVBD_2816c	-	25	10	7	0.4	0.28	1	1
RVBD_2817c	-	17	13	6	0.764705882	0.352941176	1	1
RVBD_2818c	-	38	37	31	0.973684211	0.815789474	1	1
RVBD_2819c	-	53	70	54	1.320754717	1.018867925	1	1
RVBD_2820c	-	31	34	25	1.096774194	0.806451613	1	1
RVBD_2821c	-	38	45	29	1.184210526	0.763157895	0.767709525	1
RVBD_2822c	-	101	204	102	2.01980198	1.00990099	0.666678457	1
RVBD_2823c	-	23	22	16	0.956521739	0.695652174	1	1
RVBD_2824c	-	36	28	19	0.777777778	0.527777778	1	1
RVBD_2825c	-	88	110	107	1.25	1.215909091	1	1
RVBD_2826c	-	29	50	33	1.724137931	1.137931034	1	1
RVBD_2827c	-	14	14	13	1	0.928571429	1	1
RVBD_2828A	-	18	22	18	1.222222222	1	1	1
RVBD_2828c	-	36	31	28	0.861111111	0.777777778	1	1
RVBD_2829c	-	6	17	18	2.833333333	3	1	1
RVBD_2830c	-	86	103	43	1.197674419	0.5	0.92648477	1
RVBD_2831	echA16	5	2	2	0.4	0.4	1	1
RVBD_2832c	ugpC	2	4	3	2	1.5	1	1
RVBD_2833c	ugpB	7	4	2	0.571428571	0.285714286	1	1
RVBD_2834c	ugpE	6	6	4	1	0.666666667	1	1
RVBD_2835c	ugpA	28	33	22	1.178571429	0.785714286	1	1
RVBD_2836c	dinF	13	21	18	1.615384615	1.384615385	1	1
RVBD_2837c	-	192	407	411	2.119791667	2.140625	0.861784414	0.608604541
RVBD_2838c	rbfA	229	327	377	1.427947598	1.64628821	1	0.709509328
RVBD_2839c	infB	348	343	351	0.985632184	1.00862069	1	1
RVBD_2840c	-	6236	17060	10746	2.735728031	1.723220013	0.93209439	0.596277673
RVBD_2841c	nusA	236	141	193	0.597457627	0.81779661	0.299969115	0.97514416
RVBD_2842c	-	196	95	140	0.484693878	0.714285714	0.608178893	0.608604541
RVBD_2843	-	8	13	6	1.625	0.75	1	1
RVBD_2844	-	19	14	15	0.736842105	0.789473684	1	1
RVBD_2845c	proS	87	118	115	1.356321839	1.32183908	1	0.864850215
RVBD_2846c	efpA	434	531	455	1.223502304	1.048387097	1	1
RVBD_2847c	cysG	15	15	14	1	0.933333333	1	1
RVBD_2848c	cobB	44	26	44	0.590909091	1	0.871689417	1
RVBD_2849c	cobO	267	436	370	1.632958801	1.38576779	1	0.722034704
RVBD_2850c	-	36	59	60	1.638888889	1.666666667	1	1
RVBD_2851c	-	571	1124	698	1.968476357	1.222416813	1	1
RVBD_2852c	mqo	98	98	95	1	0.969387755	0.871689417	0.96581495
RVBD_2853	PE_PGRS48	8	13	8	1.625	1	1	1
RVBD_2854	-	19	20	16	1.052631579	0.842105263	1	1
RVBD_2855	mtr	14	11	11	0.785714286	0.785714286	1	1
RVBD_2856	nicT	50	55	36	1.1	0.72	1	0.956203762
RVBD_2856A	-	3	3	2	1	0.666666667	1	1
RVBD_2856B	-	4	2	1	0.5	0.25	1	1
RVBD_2857c	-	22	24	30	1.090909091	1.363636364	1	1
RVBD_2858c	aldC	27	26	26	0.962962963	0.962962963	1	1
RVBD_2859c	-	29	22	27	0.75862069	0.931034483	1	1
RVBD_2860c	glnA4	23	16	19	0.695652174	0.826086957	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2861c	mapB	130	98	113	0.753846154	0.869230769	0.649856605	0.806884987
RVBD_2862A	-	34	21	4	0.617647059	0.117647059	1	1
RVBD_2862c	-	37	28	17	0.756756757	0.459459459	1	0.986873481
RVBD_2863	-	5	3	1	0.6	0.2	1	1
RVBD_2864c	-	24	21	16	0.875	0.666666667	1	1
RVBD_2865	-	119	87	50	0.731092437	0.420168067	1	0.848654293
RVBD_2866	-	60	118	67	1.966666667	1.116666667	0.31204753	1
RVBD_2867c	-	60	57	77	0.95	1.283333333	1	1
RVBD_2868c	ispG	242	151	231	0.623966942	0.954545455	0.363381145	1
RVBD_2869c	-	95	70	83	0.736842105	0.873684211	0.629556058	0.830391917
RVBD_2870c	dxr	16	8	8	0.5	0.5	1	1
RVBD_2871	-	19	11	14	0.578947368	0.736842105	1	1
RVBD_2872	-	22	14	13	0.636363636	0.590909091	1	1
RVBD_2873	mpt83	16	12	7	0.75	0.4375	1	1
RVBD_2873A	-	4	3	1	0.75	0.25	1	1
RVBD_2874	dipZ	7	10	5	1.428571429	0.714285714	1	1
RVBD_2875	mpt70	33	18	15	0.545454545	0.454545455	1	1
RVBD_2876	-	73	91	79	1.246575342	1.082191781	0.639372212	0.827075022
RVBD_2877c	-	20	24	28	1.2	1.4	1	1
RVBD_2878c	mpt53	53	41	75	0.773584906	1.41509434	1	0.596277673
RVBD_2881c	cdsA	31	35	57	1.129032258	1.838709677	1	1
RVBD_2882c	frr	178	203	229	1.140449438	1.286516854	0.96420748	1
RVBD_2883c	pyrH	207	292	213	1.410628019	1.028985507	1	1
RVBD_2884	-	18	24	21	1.333333333	1.166666667	1	1
RVBD_2885c	-	19	12	16	0.631578947	0.842105263	1	1
RVBD_2886c	-	20	17	12	0.85	0.6	1	1
RVBD_2887	-	19	6	9	0.315789474	0.473684211	1	1
RVBD_2888c	amiC	36	28	45	0.777777778	1.25	0.95274275	1
RVBD_2889c	tsf	206	227	288	1.101941748	1.398058252	1	0.715222381
RVBD_2890c	rpsB	311	406	463	1.305466238	1.488745981	1	1
RVBD_2891	-	0	1	1	#DIV/0!	#DIV/0!	1	1
RVBD_2892c	PPE45	8	8	7	1	0.875	1	1
RVBD_2893	-	0	1	1	#DIV/0!	#DIV/0!	1	1
RVBD_2894c	xerC	53	51	43	0.962264151	0.811320755	1	1
RVBD_2895c	viuB	132	134	103	1.015151515	0.78030303	0.872766578	0.709509328
RVBD_2896c	-	7	8	6	1.142857143	0.857142857	1	1
RVBD_2897c	-	8	5	2	0.625	0.25	1	1
RVBD_2898c	-	14	21	17	1.5	1.214285714	1	1
RVBD_2899c	fdhD	54	54	53	1	0.981481481	1	1
RVBD_2900c	fdhF	62	54	79	0.870967742	1.274193548	0.702967331	1
RVBD_2901c	-	659	963	867	1.461305008	1.315629742	1	1
RVBD_2902c	rnhB	332	492	489	1.481927711	1.472891566	1	1
RVBD_2903c	lepB	112	119	103	1.0625	0.919642857	0.902037337	0.440375784
RVBD_2904c	rplS	3406	4508	4305	1.323546682	1.263945978	1	0.879539965
RVBD_2905	lppW	133	106	139	0.796992481	1.045112782	0.649856605	1
RVBD_2906c	trmD	23	19	19	0.826086957	0.826086957	1	1
RVBD_2907c	rimM	73	29	36	0.397260274	0.493150685	0.489893414	0.91443022
RVBD_2908c	-	64	58	80	0.90625	1.25	1	0.884732008
RVBD_2909c	rpsP	265	174	230	0.656603774	0.867924528	0.489893414	0.866098507
RVBD_2910c	-	9	11	5	1.222222222	0.555555556	1	1
RVBD_2911	dacB2	9	4	5	0.444444444	0.555555556	1	1
RVBD_2912c	-	187	198	197	1.058823529	1.053475936	0.911729988	0.986873481
RVBD_2913c	-	133	194	130	1.458646617	0.977443609	1	1
RVBD_2914c	pknI	18	24	26	1.333333333	1.444444444	1	1
RVBD_2915c	-	25	30	26	1.2	1.04	1	1
RVBD_2916c	ffh	156	227	157	1.455128205	1.006410256	1	1
RVBD_2917	-	8	10	6	1.25	0.75	1	1
RVBD_2918c	glnD	26	36	38	1.384615385	1.461538462	1	1
RVBD_2919c	glnB	1363	3523	2712	2.584739545	1.98972854	0.702967331	1
RVBD_2920c	amt	130	474	162	3.646153846	1.246153846	0.052258425	0.870505379
RVBD_2921c	ftsY	53	40	44	0.754716981	0.830188679	0.894948888	0.806388781
RVBD_2922A	acyP	11	18	17	1.636363636	1.545454545	1	1
RVBD_2922c	smc	36	42	41	1.166666667	1.138888889	1	1
RVBD_2923c	-	67	130	120	1.940298507	1.791044776	0.169162951	0.352304163
RVBD_2924c	fpg	20	16	20	0.8	1	1	1
RVBD_2925c	rnc	96	139	134	1.447916667	1.395833333	1	1
RVBD_2926c	-	170	102	169	0.6	0.994117647	0.650333431	0.917246498

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2927c	-	180	214	202	1.188888889	1.122222222	1	1
RVBD_2928	tesA	160	197	147	1.23125	0.91875	1	0.902852422
RVBD_2929	-	56	84	62	1.5	1.107142857	0.655717976	0.978793343
RVBD_2930	fadD26	580	720	1118	1.24137931	1.927586207	1	0.18170579
RVBD_2931	ppsA	137	327	261	2.386861314	1.905109489	0.507082351	0.569343823
RVBD_2932	ppsB	123	160	177	1.300813008	1.43902439	1	1
RVBD_2933	ppsC	49	53	60	1.081632653	1.224489796	0.91599635	0.965299788
RVBD_2934	ppsD	47	91	86	1.936170213	1.829787234	1	1
RVBD_2935	ppsE	129	151	194	1.170542636	1.503875969	1	1
RVBD_2936	drrA	251	238	294	0.948207171	1.171314741	0.808536584	1
RVBD_2937	drrB	46	48	53	1.043478261	1.152173913	1	1
RVBD_2938	drrC	49	38	57	0.775510204	1.163265306	0.95195835	1
RVBD_2939	papA5	224	376	268	1.678571429	1.196428571	1	1
RVBD_2940c	mas	389	571	550	1.467866324	1.413881748	1	0.791207543
RVBD_2941	fadD28	385	685	603	1.779220779	1.566233766	0.915990849	0.993035661
RVBD_2942	mmpL7	254	190	276	0.748031496	1.086614173	0.742308542	1
RVBD_2943	-	17	30	20	1.764705882	1.176470588	1	1
RVBD_2945c	lppX	56	75	114	1.339285714	2.035714286	0.959250239	0.440375784
RVBD_2946c	pks1	88	119	117	1.352272727	1.329545455	0.999812272	1
RVBD_2947c	pks15	52	212	74	4.076923077	1.423076923	0.048133698	1
RVBD_2948c	fadD22	231	514	365	2.225108225	1.58008658	0.855960728	1
RVBD_2949c	-	1312	1519	1718	1.15777439	1.30945122	1	1
RVBD_2950c	fadD29	670	1276	1108	1.904477612	1.653731343	0.819483533	0.440375784
RVBD_2951c	-	131	67	99	0.511450382	0.755725191	0.29609003	0.74602682
RVBD_2952	-	108	90	116	0.833333333	1.074074074	0.786822902	0.986873481
RVBD_2953	-	51	23	29	0.450980392	0.568627451	0.563537523	0.709509328
RVBD_2954c	-	264	229	254	0.867424242	0.962121212	0.666678457	1
RVBD_2955c	-	44	62	47	1.409090909	1.068181818	1	1
RVBD_2956	-	41	24	28	0.585365854	0.682926829	1	1
RVBD_2957	-	9	6	7	0.666666667	0.777777778	1	1
RVBD_2958c	-	19	21	17	1.105263158	0.894736842	1	1
RVBD_2959c	-	1216	976	819	0.802631579	0.673519737	0.871689417	0.722034704
RVBD_2960c	-	16	25	19	1.5625	1.1875	1	1
RVBD_2961	-	15	22	5	1.466666667	0.333333333	1	1
RVBD_2962c	-	66	91	67	1.378787879	1.015151515	1	0.917160508
RVBD_2963	-	71	84	74	1.183098592	1.042253521	0.965592918	0.956203762
RVBD_2964	purU	47	51	61	1.085106383	1.29787234	1	1
RVBD_2964B	-	165	114	83	0.690909091	0.503030303	1	1
RVBD_2965c	coaD	64	99	69	1.546875	1.078125	0.390114134	0.765848979
RVBD_2966c	-	15	26	25	1.733333333	1.666666667	1	1
RVBD_2967c	pca	88	71	67	0.806818182	0.761363636	0.702967331	0.986554227
RVBD_2968c	-	233	364	372	1.56223176	1.596566524	1	0.635337798
RVBD_2969c	-	54	45	52	0.833333333	0.962962963	1	1
RVBD_2970A	-	815	556	426	0.682208589	0.522699387	0.47189451	0.204456076
RVBD_2970c	lipN	34	32	45	0.941176471	1.323529412	1	1
RVBD_2971	-	64	73	66	1.140625	1.03125	0.88341149	1
RVBD_2972c	-	60	57	29	0.95	0.483333333	1	0.983843988
RVBD_2973c	recG	29	25	23	0.862068966	0.793103448	1	1
RVBD_2974c	-	12	9	9	0.75	0.75	1	1
RVBD_2975A	-	265	176	232	0.664150943	0.875471698	0.871689417	1
RVBD_2975c	-	17	13	12	0.764705882	0.705882353	1	1
RVBD_2976c	ung	19	8	12	0.421052632	0.631578947	1	1
RVBD_2977c	thiL	51	58	55	1.137254902	1.078431373	1	1
RVBD_2978c	-	20	9	12	0.45	0.6	1	1
RVBD_2979c	-	77	74	62	0.961038961	0.805194805	1	1
RVBD_2980	-	9	6	4	0.666666667	0.444444444	1	1
RVBD_2981c	ddl	47	30	32	0.638297872	0.680851064	0.860865012	1
RVBD_2982c	gpsA	35	46	48	1.314285714	1.371428571	0.72657358	0.795834174
RVBD_2983	-	7	9	7	1.285714286	1	1	1
RVBD_2984	ppk	35	37	40	1.057142857	1.142857143	0.887749155	1
RVBD_2985	mutT1	128	222	150	1.734375	1.171875	1	1
RVBD_2986c	hupB	1178	1014	1430	0.860780985	1.213921902	0.864210829	1
RVBD_2987c	leuD	185	164	144	0.886486486	0.778378378	0.751451805	0.706754821
RVBD_2988c	leuC	326	236	263	0.72392638	0.806748466	0.702967331	0.742738925
RVBD_2989	-	38	25	35	0.657894737	0.921052632	1	0.864850215
RVBD_2990c	-	169	105	135	0.621301775	0.798816568	0.37317731	0.802708056
RVBD_2991	-	28	27	17	0.964285714	0.607142857	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_2992c	gltX	36	29	31	0.805555556	0.861111111	0.946158204	1
RVBD_2993c	-	63	69	70	1.095238095	1.111111111	1	1
RVBD_2994	-	15	11	13	0.733333333	0.866666667	1	1
RVBD_2995c	leuB	41	33	38	0.804878049	0.926829268	0.992143559	1
RVBD_2996c	serA1	137	106	142	0.773722628	1.03649635	0.610586102	1
RVBD_2997	-	1	1	1	1	1	1	1
RVBD_2998	-	3	11	8	3.666666667	2.666666667	1	1
RVBD_2998A	-	4	1	1	0.25	0.25	1	1
RVBD_2999	lppY	26	38	20	1.461538462	0.769230769	1	1
RVBD_3000	-	3	2	1	0.666666667	0.333333333	1	1
RVBD_3001c	ilvC	82	89	97	1.085365854	1.182926829	0.895830824	1
RVBD_3002c	ilvH	376	269	255	0.715425532	0.678191489	0.45961957	0.498373152
RVBD_3003c	ilvB1	89	92	102	1.033707865	1.146067416	0.91599635	1
RVBD_3004	cfp6	5	3	5	0.6	1	1	1
RVBD_3005c	-	46	41	49	0.891304348	1.065217391	1	1
RVBD_3006	lppZ	127	239	170	1.881889764	1.338582677	0.93169404	0.986873481
RVBD_3007c	-	13	11	9	0.846153846	0.692307692	1	1
RVBD_3008	-	61	66	64	1.081967213	1.049180328	0.91599635	1
RVBD_3009c	gatB	142	154	137	1.084507042	0.964788732	0.866208969	1
RVBD_3010c	pfkA	49	53	53	1.081632653	1.081632653	1	1
RVBD_3011c	gatA	13	10	14	0.769230769	1.076923077	1	1
RVBD_3012c	gatC	11	9	11	0.818181818	1	1	1
RVBD_3013	-	3	4	3	1.333333333	1	1	1
RVBD_3014c	ligA	29	17	25	0.586206897	0.862068966	1	1
RVBD_3015c	-	12	15	12	1.25	1	1	1
RVBD_3016	lpqA	30	32	23	1.066666667	0.766666667	1	1
RVBD_3017c	esxQ	28	69	46	2.464285714	1.642857143	0.305415489	1
RVBD_3018Bc	PE27A	3	5	3	1.666666667	1	1	1
RVBD_3018c	PPE46	12	14	5	1.166666667	0.416666667	1	1
RVBD_3019c	esxR	7	10	6	1.428571429	0.857142857	1	1
RVBD_3020c	esxS	6	11	4	1.833333333	0.666666667	1	1
RVBD_3021c	PPE47	10	10	3	1	0.3	1	1
RVBD_3022A	PE29	10	9	2	0.9	0.2	1	1
RVBD_3023c	-	53	55	21	1.037735849	0.396226415	0.906906998	0.608604541
RVBD_3024c	trmU	59	64	78	1.084745763	1.322033898	0.92648477	1
RVBD_3025c	iscS	96	143	163	1.489583333	1.697916667	1	0.807079
RVBD_3026c	-	18	30	40	1.666666667	2.222222222	1	1
RVBD_3027c	-	63	190	197	3.015873016	3.126984127	0.465481007	0.11010369
RVBD_3028c	fixB	115	69	100	0.6	0.869565217	0.618993054	0.802708056
RVBD_3029c	fixA	2307	2362	2647	1.023840485	1.147377547	1	1
RVBD_3030	-	13	16	13	1.230769231	1	1	1
RVBD_3031	-	17	10	12	0.588235294	0.705882353	1	1
RVBD_3032	-	34	17	25	0.5	0.735294118	0.480884662	1
RVBD_3032A	-	8	7	6	0.875	0.75	1	1
RVBD_3033	-	23	12	11	0.52173913	0.47826087	1	1
RVBD_3034c	-	42	87	79	2.071428571	1.880952381	0.728518432	0.604355596
RVBD_3035	-	26	10	12	0.384615385	0.461538462	1	1
RVBD_3036c	TB22.2	77	65	84	0.844155844	1.090909091	0.965933642	1
RVBD_3037c	-	30	19	19	0.633333333	0.633333333	1	1
RVBD_3038c	-	45	38	43	0.844444444	0.955555556	1	1
RVBD_3039c	echA17	6	6	7	1	1.166666667	1	1
RVBD_3040c	-	61	47	47	0.770491803	0.770491803	0.939668596	1
RVBD_3041c	-	41	61	53	1.487804878	1.292682927	0.608178893	0.798334533
RVBD_3042c	serB2	56	41	43	0.732142857	0.767857143	0.887749155	0.741518701
RVBD_3043c	ctaD	27	20	15	0.740740741	0.555555556	1	1
RVBD_3044	fecB	109	83	88	0.76146789	0.80733945	0.635495169	0.75297794
RVBD_3045	adhC	81	93	102	1.148148148	1.259259259	0.924040436	1
RVBD_3046c	-	239	862	1031	3.606694561	4.313807531	0.111402396	0.011080122
RVBD_3047c	-	177	86	131	0.485875706	0.740112994	0.335032232	1
RVBD_3048c	nrdF	538	731	711	1.358736059	1.321561338	1	1
RVBD_3049c	-	424	506	573	1.193396226	1.351415094	1	1
RVBD_3050c	-	657	512	853	0.779299848	1.298325723	0.756617125	1
RVBD_3051c	nrdE	2511	2766	3061	1.101553166	1.219036241	0.915990849	1
RVBD_3052c	nrdI	934	2150	1478	2.301927195	1.582441113	0.91599635	1
RVBD_3053c	nrdH	1337	2821	2047	2.109947644	1.531039641	1	1
RVBD_3054c	-	176	128	128	0.727272727	0.727272727	0.714381187	0.583996639
RVBD_3055	-	37	19	21	0.513513514	0.567567568	0.890948381	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3056	dinP	34	52	40	1.529411765	1.176470588	0.604438005	0.870505379
RVBD_3057c	-	48	33	37	0.6875	0.770833333	0.843028335	1
RVBD_3058c	-	72	61	59	0.847222222	0.819444444	1	1
RVBD_3059	cyp136	60	88	80	1.466666667	1.333333333	1	1
RVBD_3060c	-	96	89	112	0.927083333	1.166666667	0.764789801	1
RVBD_3061c	fadE22	88	111	91	1.261363636	1.034090909	1	1
RVBD_3062	ligB	12	14	12	1.166666667	1	1	1
RVBD_3063	cstA	39	27	15	0.692307692	0.384615385	0.777820334	0.440375784
RVBD_3064c	-	4	4	3	1	0.75	1	1
RVBD_3065	mmr	37	29	20	0.783783784	0.540540541	1	1
RVBD_3066	-	6	5	4	0.833333333	0.666666667	1	1
RVBD_3067	-	35	74	50	2.114285714	1.428571429	0.301516087	0.868813448
RVBD_3068c	pgmA	52	36	30	0.692307692	0.576923077	0.7935638	0.508788065
RVBD_3069	ccrB	5	4	3	0.8	0.6	1	1
RVBD_3070	ccrB	75	74	32	0.986666667	0.426666667	1	0.893617435
RVBD_3071	-	6	12	9	2	1.5	1	1
RVBD_3072c	-	47	25	25	0.531914894	0.531914894	1	1
RVBD_3073c	-	3	2	4	0.666666667	1.333333333	1	1
RVBD_3074	-	16	10	11	0.625	0.6875	1	1
RVBD_3075c	-	129	90	138	0.697674419	1.069767442	0.578733699	1
RVBD_3076	-	8	6	4	0.75	0.5	1	1
RVBD_3077	-	13	14	7	1.076923077	0.538461538	1	1
RVBD_3078	hab	6	4	3	0.666666667	0.5	1	1
RVBD_3079c	-	10	18	10	1.8	1	1	1
RVBD_3080c	pknK	22	33	20	1.5	0.909090909	1	1
RVBD_3081	-	41	28	27	0.682926829	0.658536585	0.880764793	1
RVBD_3082c	virS	2	3	1	1.5	0.5	1	1
RVBD_3083	-	23	13	13	0.565217391	0.565217391	1	1
RVBD_3084	lipR	8	9	7	1.125	0.875	1	1
RVBD_3085	-	8	5	4	0.625	0.5	1	1
RVBD_3086	adhD	102	92	81	0.901960784	0.794117647	0.764789801	0.722034704
RVBD_3087	-	25	28	19	1.12	0.76	1	1
RVBD_3088	-	16	18	14	1.125	0.875	1	1
RVBD_3089	fadD13	44	45	32	1.022727273	0.727272727	0.903888556	0.722034704
RVBD_3090	-	25	20	8	0.8	0.32	1	1
RVBD_3091	-	19	11	13	0.578947368	0.684210526	1	1
RVBD_3092c	-	235	193	285	0.821276596	1.212765957	0.66561166	1
RVBD_3093c	-	179	78	165	0.43575419	0.921787709	0.091602913	0.911555079
RVBD_3094c	-	49	26	45	0.530612245	0.918367347	0.678340419	1
RVBD_3095	-	187	259	273	1.385026738	1.459893048	1	1
RVBD_3096	-	36	26	33	0.722222222	0.916666667	0.867813526	1
RVBD_3097c	PE_PGRS63	10	6	3	0.6	0.3	1	1
RVBD_3098A	-	216	226	161	1.046296296	0.74537037	0.901964107	0.718293999
RVBD_3098B	-	285	194	178	0.680701754	0.624561404	0.918832487	0.861187337
RVBD_3098c	-	26	22	16	0.846153846	0.615384615	1	1
RVBD_3099c	-	33	30	34	0.909090909	1.03030303	1	1
RVBD_3100c	smpB	75	178	94	2.373333333	1.253333333	0.228747364	0.879539965
RVBD_3101c	ftsX	167	205	147	1.22754491	0.880239521	1	0.884732008
RVBD_3102c	ftsE	64	38	36	0.59375	0.5625	0.678085713	1
RVBD_3103c	-	42	58	64	1.380952381	1.523809524	0.807592566	0.702910576
RVBD_3104c	-	90	77	107	0.855555556	1.188888889	0.819483533	1
RVBD_3105c	prfB	143	155	188	1.083916084	1.314685315	0.984127414	0.783086486
RVBD_3106	fprA	22	18	14	0.818181818	0.636363636	1	1
RVBD_3107c	agpS	20	15	17	0.75	0.85	1	1
RVBD_3108	-	11	15	3	1.363636364	0.272727273	1	1
RVBD_3109	moaA1	13	16	8	1.230769231	0.615384615	1	1
RVBD_3110	moaB1	6	4	3	0.666666667	0.5	1	1
RVBD_3111	moaC	1	3	4	3	4	1	1
RVBD_3112	moaD1	2	4	3	2	1.5	1	1
RVBD_3113	-	6	9	7	1.5	1.166666667	1	1
RVBD_3114	-	30	22	10	0.733333333	0.333333333	1	1
RVBD_3115	-	53	55	21	1.037735849	0.396226415	0.906906998	0.608604541
RVBD_3116	moeB2	225	175	184	0.777777778	0.817777778	0.649856605	1
RVBD_3117	cysA3	198	175	218	0.883838384	1.101010101	0.742308542	1
RVBD_3118	sseC1	131	194	212	1.480916031	1.618320611	0.93169404	0.813295001
RVBD_3119	moaE1	39	68	62	1.743589744	1.58974359	0.390114134	0.709509328
RVBD_3120	-	44	44	31	1	0.704545455	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3121	cyp141	32	34	26	1.0625	0.8125	1	1
RVBD_3122	-	58	112	102	1.931034483	1.75862069	0.17915078	0.389271216
RVBD_3123	-	34	41	35	1.205882353	1.029411765	0.903888556	1
RVBD_3124	-	23	23	17	1	0.739130435	1	1
RVBD_3125c	PPE49	8	8	6	1	0.75	1	1
RVBD_3126c	-	3	3	1	1	0.333333333	1	1
RVBD_3127	-	412	414	527	1.004854369	1.279126214	0.902037337	1
RVBD_3129	-	8	4	7	0.5	0.875	1	1
RVBD_3130c	-	1112	686	876	0.616906475	0.787769784	0.666678457	1
RVBD_3131	-	571	464	529	0.812609457	0.926444834	0.790282941	0.893379354
RVBD_3132c	devS	172	118	161	0.686046512	0.936046512	0.507073595	0.986873481
RVBD_3133c	devR	338	258	339	0.763313609	1.00295858	0.608178893	1
RVBD_3134c	-	1405	633	1075	0.450533808	0.765124555	0.200736333	1
RVBD_3135	PPE50	181	513	308	2.834254144	1.701657459	0.663708552	1
RVBD_3136	PPE51	148	112	152	0.756756757	1.027027027	0.563537523	1
RVBD_3136A	-	12	8	5	0.666666667	0.416666667	1	1
RVBD_3137	-	85	66	138	0.776470588	1.623529412	0.902037337	1
RVBD_3138	pflA	69	94	100	1.362318841	1.449275362	1	1
RVBD_3139	fadE24	143	234	233	1.636363636	1.629370629	1	1
RVBD_3140	fadE23	109	124	179	1.137614679	1.642201835	0.984127414	0.698343057
RVBD_3141	fadB4	84	127	144	1.511904762	1.714285714	1	1
RVBD_3142c	-	73	78	76	1.068493151	1.04109589	0.84182392	0.802708056
RVBD_3143	-	10	7	5	0.7	0.5	1	1
RVBD_3144c	PPE52	31	37	37	1.193548387	1.193548387	1	1
RVBD_3145	nuoA	101	66	98	0.653465347	0.97029703	0.704648719	1
RVBD_3146	nuoB	181	133	172	0.73480663	0.950276243	0.702967331	0.864850215
RVBD_3147	nuoC	145	170	146	1.172413793	1.006896552	1	0.917246498
RVBD_3148	nuoD	314	243	244	0.77388535	0.777070064	0.744463962	0.810617219
RVBD_3149	nuoE	123	98	108	0.796747967	0.87804878	0.745680594	0.777193067
RVBD_3150	nuoF	103	79	97	0.766990291	0.941747573	0.607804334	0.938681738
RVBD_3151	nuoG	96	82	105	0.854166667	1.09375	0.714506542	1
RVBD_3152	nuoH	42	46	51	1.095238095	1.214285714	1	1
RVBD_3153	nuoI	79	64	84	0.810126582	1.063291139	1	1
RVBD_3154	nuoJ	39	28	33	0.717948718	0.846153846	1	0.906204904
RVBD_3155	nuoK	35	57	57	1.628571429	1.628571429	0.704648719	0.868813448
RVBD_3156	nuoL	71	105	123	1.478873239	1.732394366	1	0.608604541
RVBD_3157	nuoM	119	70	90	0.588235294	0.756302521	0.269567707	0.440375784
RVBD_3158	nuoN	101	84	106	0.831683168	1.04950495	0.662089898	1
RVBD_3159c	PPE53	99	128	83	1.292929293	0.838383838	1	0.809007415
RVBD_3160c	-	128	161	120	1.2578125	0.9375	1	0.878859561
RVBD_3161c	-	55	88	57	1.6	1.036363636	1	1
RVBD_3162c	-	7	5	2	0.714285714	0.285714286	1	1
RVBD_3163c	-	5	4	3	0.8	0.6	1	1
RVBD_3164c	moxR3	42	53	51	1.261904762	1.214285714	1	1
RVBD_3165c	-	1	10	8	10	8	1	1
RVBD_3166c	-	4	7	5	1.75	1.25	1	1
RVBD_3167c	-	11	13	8	1.181818182	0.727272727	1	1
RVBD_3168	-	52	45	34	0.865384615	0.653846154	0.922190318	0.798334533
RVBD_3169	-	22	23	19	1.045454545	0.863636364	1	1
RVBD_3170	aofH	23	14	14	0.608695652	0.608695652	1	1
RVBD_3171c	hpx	32	24	49	0.75	1.53125	1	1
RVBD_3172c	-	116	127	129	1.094827586	1.112068966	1	1
RVBD_3173c	-	24	70	50	2.916666667	2.083333333	0.022296535	1
RVBD_3174	-	1	1	1	1	1	1	1
RVBD_3175	-	5	5	1	1	0.2	1	1
RVBD_3176c	mesT	12	12	11	1	0.916666667	1	1
RVBD_3177	-	13	12	3	0.923076923	0.230769231	1	1
RVBD_3178	-	34	55	8	1.617647059	0.235294118	0.727340425	1
RVBD_3179	-	17	9	7	0.529411765	0.411764706	1	1
RVBD_3180c	-	13	28	19	2.153846154	1.461538462	1	1
RVBD_3181c	-	9	12	10	1.333333333	1.111111111	1	1
RVBD_3182	-	40	26	31	0.65	0.775	0.908463124	1
RVBD_3183	-	7	25	21	3.571428571	3	1	1
RVBD_3184	-	140	81	75	0.578571429	0.535714286	0.650723606	1
RVBD_3185	-	130	155	48	1.192307692	0.369230769	1	0.133570767
RVBD_3186	-	140	81	74	0.578571429	0.528571429	0.648377431	1
RVBD_3187	-	130	155	48	1.192307692	0.369230769	1	0.133570767

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3188	-	9	10	5	1.111111111	0.555555556	1	1
RVBD_3189	-	21	21	17	1	0.80952381	1	1
RVBD_3190A	-	31	36	40	1.161290323	1.290322581	1	1
RVBD_3190c	-	177	204	181	1.152542373	1.02259887	0.90672044	1
RVBD_3191c	-	9	9	4	1	0.444444444	1	1
RVBD_3192	-	15	11	2	0.733333333	0.133333333	1	1
RVBD_3193c	-	154	136	169	0.883116883	1.097402597	0.844779159	0.911555079
RVBD_3194c	-	92	56	59	0.608695652	0.641304348	0.731134577	0.508788065
RVBD_3195	-	21	19	11	0.904761905	0.523809524	1	1
RVBD_3196	-	5	1	1	0.2	0.2	1	1
RVBD_3196A	-	72	50	30	0.694444444	0.416666667	0.946158204	1
RVBD_3197	-	146	125	241	0.856164384	1.650684932	0.662064342	0.930031208
RVBD_3197A	whiB7	66	57	78	0.863636364	1.181818182	1	0.875055368
RVBD_3198A	-	75	121	69	1.613333333	0.92	0.437694577	1
RVBD_3198c	uvrD2	50	32	31	0.64	0.62	0.655717976	0.436350838
RVBD_3199c	nudC	22	23	22	1.045454545	1	1	1
RVBD_3200c	-	80	103	89	1.2875	1.1125	1	1
RVBD_3201c	-	10	9	6	0.9	0.6	1	1
RVBD_3202A	-	6	31	25	5.166666667	4.166666667	1	1
RVBD_3202c	-	16	14	13	0.875	0.8125	1	1
RVBD_3203	lipV	22	13	9	0.590909091	0.409090909	1	1
RVBD_3204	-	36	34	35	0.944444444	0.972222222	1	1
RVBD_3205c	-	126	106	147	0.841269841	1.166666667	0.714381187	1
RVBD_3206c	moeB1	173	134	158	0.774566474	0.913294798	0.608178893	0.941730126
RVBD_3207c	-	350	211	273	0.602857143	0.78	0.326232522	0.986873481
RVBD_3208	-	90	80	64	0.888888889	0.711111111	0.918832487	0.798334533
RVBD_3208A	TB9.4	307	581	374	1.892508143	1.218241042	1	1
RVBD_3209	-	183	105	111	0.573770492	0.606557377	0.662702319	0.440375784
RVBD_3210c	-	35	15	18	0.428571429	0.514285714	0.563537523	1
RVBD_3211	rhlE	318	309	301	0.971698113	0.946540881	0.880764793	0.846530976
RVBD_3212	-	134	121	117	0.902985075	0.873134328	0.756617125	0.874497666
RVBD_3213c	-	29	77	61	2.655172414	2.103448276	0.010167235	1
RVBD_3214	gpm2	68	97	59	1.426470588	0.867647059	1	1
RVBD_3215	entC	32	32	26	1	0.8125	1	1
RVBD_3216	-	18	13	14	0.722222222	0.777777778	1	1
RVBD_3217c	-	27	17	19	0.62962963	0.703703704	1	1
RVBD_3218	-	16	19	13	1.1875	0.8125	1	1
RVBD_3219	whiB1	1822	1718	2078	0.942919868	1.14050494	0.871689417	0.959162423
RVBD_3220c	-	503	334	492	0.664015905	0.978131213	0.649856605	1
RVBD_3221A	-	83	95	90	1.144578313	1.084337349	0.860865012	0.777193067
RVBD_3221c	TB7.3	908	618	700	0.68061674	0.77092511	0.404816673	0.50409221
RVBD_3222c	-	31	66	68	2.129032258	2.193548387	0.188899252	0.389271216
RVBD_3223c	sigH	673	766	1047	1.138187221	1.555720654	0.93169404	1
RVBD_3224	-	95	29	33	0.305263158	0.347368421	0.009430843	0.440375784
RVBD_3224A	-	24	5	3	0.208333333	0.125	1	1
RVBD_3224B	-	28	6	7	0.214285714	0.25	1	1
RVBD_3225c	-	48	48	50	1	1.041666667	0.894948888	1
RVBD_3226c	-	8	6	6	0.75	0.75	1	1
RVBD_3227	aroA	9	9	9	1	1	1	1
RVBD_3228	-	6	7	5	1.166666667	0.833333333	1	1
RVBD_3229c	-	425	483	408	1.136470588	0.96	1	0.90394688
RVBD_3230c	-	64	78	84	1.21875	1.3125	0.984127414	1
RVBD_3231c	-	11	21	12	1.909090909	1.090909091	1	1
RVBD_3232c	pvdS	175	186	187	1.062857143	1.068571429	0.93169404	1
RVBD_3233c	-	49	83	84	1.693877551	1.714285714	0.325660985	0.38954587
RVBD_3234c	-	41	34	44	0.829268293	1.073170732	1	0.819663968
RVBD_3235	-	8	11	6	1.375	0.75	1	1
RVBD_3236c	-	47	35	40	0.744680851	0.85106383	0.932106294	1
RVBD_3237c	-	166	260	153	1.56626506	0.921686747	1	0.868813448
RVBD_3238c	-	10	10	6	1	0.6	1	1
RVBD_3239c	-	17	16	11	0.941176471	0.647058824	1	1
RVBD_3240c	secA1	140	148	161	1.057142857	1.15	0.91599635	0.886517501
RVBD_3241c	-	224	123	168	0.549107143	0.75	0.33143566	0.736619076
RVBD_3242c	-	22	27	35	1.227272727	1.590909091	1	1
RVBD_3243c	-	14	13	10	0.928571429	0.714285714	1	1
RVBD_3244c	lpqB	87	71	87	0.816091954	1	0.654358937	1
RVBD_3245c	mtrB	139	80	112	0.575539568	0.805755396	0.236319333	0.911555079

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3246c	mtrA	275	140	188	0.509090909	0.683636364	0.135112201	0.539111813
RVBD_3247c	tmk	56	24	37	0.428571429	0.660714286	0.649856605	1
RVBD_3248c	sahH	532	699	718	1.313909774	1.34962406	1	1
RVBD_3249c	-	122	176	165	1.442622951	1.352459016	1	1
RVBD_3250c	rubB	434	319	603	0.735023041	1.389400922	0.840379762	1
RVBD_3251c	rubA	2053	2473	2457	1.204578665	1.196785192	0.963784715	0.939436732
RVBD_3252c	alkB	147	224	219	1.523809524	1.489795918	1	0.709509328
RVBD_3253c	-	11	11	5	1	0.454545455	1	1
RVBD_3254	-	41	37	40	0.902439024	0.975609756	0.93169404	1
RVBD_3255c	manA	49	71	65	1.448979592	1.326530612	1	1
RVBD_3256c	-	36	27	44	0.75	1.222222222	1	1
RVBD_3257c	manB	225	263	226	1.168888889	1.004444444	0.93640995	0.964410871
RVBD_3258c	-	20	15	21	0.75	1.05	1	1
RVBD_3259	-	14	10	10	0.714285714	0.714285714	1	1
RVBD_3260c	whiB2	161	78	124	0.48447205	0.770186335	0.465481007	1
RVBD_3261	fbiA	21	17	21	0.80952381	1	1	1
RVBD_3262	fbiB	38	31	32	0.815789474	0.842105263	0.951198155	1
RVBD_3263	-	12	16	16	1.333333333	1.333333333	1	1
RVBD_3264c	manB	254	117	175	0.460629921	0.688976378	0.036272797	0.802708056
RVBD_3265c	wbbL1	113	129	78	1.14159292	0.690265487	0.981297477	0.499258214
RVBD_3266c	rmlD	21	9	13	0.428571429	0.619047619	1	1
RVBD_3267	-	100	72	114	0.72	1.14	0.507082351	1
RVBD_3268	-	103	116	147	1.126213592	1.427184466	0.91599635	1
RVBD_3269	-	464	606	675	1.306034483	1.454741379	1	0.93744637
RVBD_3270	ctpC	342	331	368	0.967836257	1.076023392	0.965592918	1
RVBD_3271c	-	15	19	17	1.266666667	1.133333333	1	1
RVBD_3272	-	135	294	297	2.177777778	2.2	0.714381187	0.309797228
RVBD_3273	-	77	61	60	0.792207792	0.779220779	0.616109571	0.738499903
RVBD_3274c	fadE25	161	202	177	1.254658385	1.099378882	1	1
RVBD_3275c	purE	238	386	266	1.621848739	1.117647059	1	1
RVBD_3276c	purK	18	18	19	1	1.055555556	1	1
RVBD_3277	-	51	29	37	0.568627451	0.725490196	0.541906986	1
RVBD_3278c	-	23	28	8	1.217391304	0.347826087	1	1
RVBD_3279c	birA	7	3	3	0.428571429	0.428571429	1	1
RVBD_3280	accD5	143	164	152	1.146853147	1.062937063	0.915990849	1
RVBD_3281	-	536	618	381	1.152985075	0.710820896	0.93169404	0.910739771
RVBD_3282	maf	40	121	71	3.025	1.775	8.61E-04	0.37806119
RVBD_3283	sseA	105	73	77	0.695238095	0.733333333	0.742308542	0.5855818
RVBD_3284	-	146	294	313	2.01369863	2.143835616	1	0.917160508
RVBD_3285	accA3	205	200	196	0.975609756	0.956097561	0.881902957	0.888741304
RVBD_3286c	sigF	98	45	63	0.459183673	0.642857143	0.704648719	0.608604541
RVBD_3287c	rsbW	66	52	77	0.787878788	1.166666667	1	0.707501388
RVBD_3288c	usfY	340	215	220	0.632352941	0.647058824	0.40565802	0.597045913
RVBD_3289c	-	302	271	355	0.897350993	1.175496689	0.755183282	1
RVBD_3290c	lat	205	189	236	0.92195122	1.151219512	0.818796868	1
RVBD_3291c	-	49	40	28	0.816326531	0.571428571	1	1
RVBD_3292	-	16	21	14	1.3125	0.875	1	1
RVBD_3293	pcd	32	22	24	0.6875	0.75	1	1
RVBD_3294c	-	7	5	1	0.714285714	0.142857143	1	1
RVBD_3295	-	748	365	471	0.487967914	0.629679144	0.114002864	0.652855899
RVBD_3296	lhr	28	17	20	0.607142857	0.714285714	1	1
RVBD_3297	nei	14	12	12	0.857142857	0.857142857	1	1
RVBD_3298c	lpqC	15	14	9	0.933333333	0.6	1	1
RVBD_3299c	atsB	34	29	23	0.852941176	0.676470588	0.746909681	0.495235388
RVBD_3300c	-	6	13	8	2.166666667	1.333333333	1	1
RVBD_3301c	phoY1	47	49	53	1.042553191	1.127659574	0.890676079	0.751348949
RVBD_3302c	glpD2	16	15	12	0.9375	0.75	1	1
RVBD_3303c	lpdA	41	25	23	0.609756098	0.56097561	0.880289359	0.74585772
RVBD_3304	-	57	46	45	0.807017544	0.789473684	1	1
RVBD_3305c	amiA1	56	79	70	1.410714286	1.25	1	1
RVBD_3306c	amiB1	25	19	24	0.76	0.96	1	1
RVBD_3307	deoD	50	64	61	1.28	1.22	1	1
RVBD_3308	pmmB	41	25	33	0.609756098	0.804878049	0.890676079	0.798334533
RVBD_3309c	upp	5	4	4	0.8	0.8	1	1
RVBD_3310	-	50	41	43	0.82	0.86	1	1
RVBD_3311	-	62	75	63	1.209677419	1.016129032	1	1
RVBD_3312A	-	37	33	37	0.891891892	1	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3312c	-	30	18	15	0.6	0.5	1	1
RVBD_3313c	add	40	27	23	0.675	0.575	0.833059705	1
RVBD_3314c	deoA	8	6	6	0.75	0.75	1	1
RVBD_3315c	cdd	1	0	1	0	1	1	1
RVBD_3316	sdhC	37	32	19	0.864864865	0.513513514	1	1
RVBD_3317	sdhD	343	453	376	1.320699708	1.096209913	1	1
RVBD_3318	sdhA	80	112	74	1.4	0.925	1	0.930031208
RVBD_3319	sdhB	39	29	33	0.743589744	0.846153846	1	0.911555079
RVBD_3320c	-	48	15	22	0.3125	0.458333333	0.366730868	0.952929854
RVBD_3321c	-	39	34	33	0.871794872	0.846153846	1	1
RVBD_3322c	-	15	10	13	0.666666667	0.866666667	1	1
RVBD_3323c	moaX	47	30	36	0.638297872	0.765957447	1	0.986873481
RVBD_3324c	moaC	10	14	7	1.4	0.7	1	1
RVBD_3325	-	141	81	75	0.574468085	0.531914894	0.655717976	1
RVBD_3326	-	132	155	48	1.174242424	0.363636364	1	0.12351482
RVBD_3327	-	20	18	8	0.9	0.4	1	1
RVBD_3328c	sigJ	9	14	18	1.555555556	2	1	1
RVBD_3329	-	46	47	50	1.02173913	1.086956522	0.92648477	1
RVBD_3330	dacB1	53	112	102	2.113207547	1.924528302	1	1
RVBD_3331	sugI	38	46	33	1.210526316	0.868421053	1	0.986873481
RVBD_3332	nagA	15	6	8	0.4	0.533333333	1	1
RVBD_3333c	-	14	21	5	1.5	0.357142857	1	1
RVBD_3334	-	148	172	129	1.162162162	0.871621622	0.98809297	0.868813448
RVBD_3335c	-	29	36	35	1.24137931	1.206896552	1	1
RVBD_3336c	trpS	59	71	69	1.203389831	1.169491525	1	1
RVBD_3337	-	14	17	8	1.214285714	0.571428571	1	1
RVBD_3338	-	29	29	33	1	1.137931034	1	1
RVBD_3339c	icd1	161	127	107	0.788819876	0.664596273	0.608178893	0.341551199
RVBD_3340	metC	163	119	111	0.73006135	0.680981595	0.563537523	0.298050099
RVBD_3341	metX	336	296	331	0.880952381	0.985119048	0.834666228	0.878859561
RVBD_3342	-	31	37	45	1.193548387	1.451612903	1	1
RVBD_3343c	PPE54	37	35	17	0.945945946	0.459459459	0.858035267	0.02014293
RVBD_3344c	PE_PGRS49	1	4	2	4	2	1	1
RVBD_3345c	PE_PGRS50	0	2	1	#DIV/0!	#DIV/0!	1	1
RVBD_3346c	-	18	14	10	0.777777778	0.555555556	1	1
RVBD_3347c	PPE55	26	29	17	1.115384615	0.653846154	1	1
RVBD_3348	-	40	32	20	0.8	0.5	1	1
RVBD_3349c	-	49	50	20	1.020408163	0.408163265	0.880289359	0.709509328
RVBD_3350c	PPE56	17	16	7	0.941176471	0.411764706	1	1
RVBD_3351c	-	3	3	1	1	0.333333333	1	1
RVBD_3352c	-	2	2	1	1	0.5	1	1
RVBD_3353c	-	12	16	9	1.333333333	0.75	1	1
RVBD_3354	-	11	21	6	1.909090909	0.545454545	1	1
RVBD_3355c	-	27	52	19	1.925925926	0.703703704	1	1
RVBD_3356c	folD	15	10	13	0.666666667	0.866666667	1	1
RVBD_3357	-	22	18	9	0.818181818	0.409090909	1	1
RVBD_3358	-	53	34	13	0.641509434	0.245283019	0.911649756	1
RVBD_3359	-	4	3	1	0.75	0.25	1	1
RVBD_3360	-	36	31	23	0.861111111	0.638888889	1	1
RVBD_3361c	-	56	95	68	1.696428571	1.214285714	0.308449546	0.702910576
RVBD_3362c	-	23	30	35	1.304347826	1.52173913	1	1
RVBD_3363c	-	19	27	24	1.421052632	1.263157895	1	1
RVBD_3364c	-	93	36	46	0.387096774	0.494623656	0.527518717	0.918046983
RVBD_3365c	-	52	46	52	0.884615385	1	0.72657358	1
RVBD_3366	spoU	3	7	5	2.333333333	1.666666667	1	1
RVBD_3367	PE_PGRS51	16	13	13	0.8125	0.8125	1	1
RVBD_3368c	-	9	3	4	0.333333333	0.444444444	1	1
RVBD_3369	-	10	27	25	2.7	2.5	1	1
RVBD_3370c	dnaE2	26	24	17	0.923076923	0.653846154	1	1
RVBD_3371	-	39	105	148	2.692307692	3.794871795	0.650605285	5.93E-04
RVBD_3372	otsB2	18	28	31	1.555555556	1.722222222	1	1
RVBD_3372A	-	64	146	119	2.28125	1.859375	0.41313747	0.832527159
RVBD_3373	echA18	15	17	18	1.133333333	1.2	1	1
RVBD_3374	echA18.1	10	35	24	3.5	2.4	1	1
RVBD_3375	amiD	33	33	27	1	0.818181818	1	1
RVBD_3376	-	993	446	623	0.449144008	0.627391742	0.108625658	0.5855818
RVBD_3377c	-	89	103	79	1.157303371	0.887640449	1	0.878859561

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3378c	-	12	13	15	1.083333333	1.25	1	1
RVBD_3379c	dxs2	11	10	5	0.909090909	0.454545455	1	1
RVBD_3380c	-	130	155	48	1.192307692	0.369230769	1	0.133570767
RVBD_3381c	-	144	83	78	0.576388889	0.541666667	0.702329603	1
RVBD_3382c	lytB1	62	61	86	0.983870968	1.387096774	0.919513756	1
RVBD_3383c	idsB	43	47	52	1.093023256	1.209302326	1	1
RVBD_3384c	-	18	30	31	1.666666667	1.722222222	1	1
RVBD_3385c	-	115	111	143	0.965217391	1.243478261	0.99062955	0.860590793
RVBD_3386	-	24	19	15	0.791666667	0.625	1	1
RVBD_3387	-	86	89	66	1.034883721	0.76744186	0.971228953	0.916928307
RVBD_3388	PE_PGRS52	3	3	2	1	0.666666667	1	1
RVBD_3389c	-	36	92	57	2.555555556	1.583333333	0.014526573	0.506273435
RVBD_3390	lpqD	43	35	25	0.813953488	0.581395349	1	1
RVBD_3391	acrA1	9	7	6	0.777777778	0.666666667	1	1
RVBD_3392c	cmaA1	46	76	69	1.652173913	1.5	0.930563997	0.921089415
RVBD_3393	iunH	32	17	21	0.53125	0.65625	1	1
RVBD_3394c	-	8	7	5	0.875	0.625	1	1
RVBD_3395A	-	17	18	5	1.058823529	0.294117647	1	1
RVBD_3395c	-	31	34	23	1.096774194	0.741935484	1	1
RVBD_3396c	guaA	70	53	68	0.757142857	0.971428571	0.649856605	0.870505379
RVBD_3397c	phyA	21	21	21	1	1	1	1
RVBD_3398c	idsA1	23	19	17	0.826086957	0.739130435	1	1
RVBD_3399	-	28	53	35	1.892857143	1.25	1	1
RVBD_3400	-	72	102	94	1.416666667	1.305555556	1	1
RVBD_3401	-	39	41	44	1.051282051	1.128205128	0.887749155	1
RVBD_3402c	-	34	26	33	0.764705882	0.970588235	0.344837067	1
RVBD_3403c	-	90	85	84	0.944444444	0.933333333	0.807592566	0.933330607
RVBD_3404c	-	25	23	27	0.92	1.08	1	1
RVBD_3405c	-	6	3	3	0.5	0.5	1	1
RVBD_3406	-	29	28	18	0.965517241	0.620689655	1	1
RVBD_3407	-	375	175	233	0.466666667	0.621333333	0.565614716	0.405651288
RVBD_3408	-	616	817	881	1.326298701	1.430194805	1	1
RVBD_3409c	choD	18	23	19	1.277777778	1.055555556	1	1
RVBD_3410c	guaB3	60	44	54	0.733333333	0.9	0.894948888	0.870505379
RVBD_3411c	guaB2	310	859	635	2.770967742	2.048387097	0.57635341	0.940500053
RVBD_3412	-	242	152	260	0.628099174	1.074380165	0.702967331	0.969716526
RVBD_3413c	-	53	37	30	0.698113208	0.566037736	0.880289359	1
RVBD_3414c	sigD	85	39	51	0.458823529	0.6	0.334070375	0.937247059
RVBD_3415c	-	18	10	11	0.555555556	0.611111111	1	1
RVBD_3416	whiB3	407	2393	4028	5.87960688	9.896805897	7.29E-07	3.36E-36
RVBD_3417c	groEL	1184	1094	1156	0.923986486	0.976351351	1	1
RVBD_3418c	groES	1289	1914	1800	1.484871994	1.396431342	1	1
RVBD_3419c	gcp	15	27	26	1.8	1.733333333	1	1
RVBD_3420c	rimI	63	71	92	1.126984127	1.46031746	0.746842906	0.576293137
RVBD_3421c	-	16	11	13	0.6875	0.8125	1	1
RVBD_3422c	-	67	96	90	1.432835821	1.343283582	0.548004816	0.706754821
RVBD_3423c	alr	45	58	44	1.288888889	0.977777778	1	1
RVBD_3424c	-	600	412	223	0.686666667	0.371666667	0.455341539	0.009211871
RVBD_3425	PPE57	47	69	49	1.468085106	1.042553191	0.563537523	0.805649026
RVBD_3426	PPE58	51	65	61	1.274509804	1.196078431	0.737600881	0.879539965
RVBD_3427c	-	45	105	92	2.333333333	2.044444444	0.082467992	0.182681236
RVBD_3428c	-	16	12	5	0.75	0.3125	1	1
RVBD_3429	PPE59	792	795	655	1.003787879	0.827020202	0.902037337	0.802708056
RVBD_3430c	-	11	12	10	1.090909091	0.909090909	1	1
RVBD_3431c	-	14	19	13	1.357142857	0.928571429	1	1
RVBD_3432c	gadB	6	5	5	0.833333333	0.833333333	1	1
RVBD_3433c	-	5	5	5	1	1	1	1
RVBD_3434c	-	16	8	7	0.5	0.4375	1	1
RVBD_3435c	-	29	40	49	1.379310345	1.689655172	1	1
RVBD_3436c	glmS	83	65	74	0.78313253	0.891566265	0.609704519	0.888741304
RVBD_3437	-	6	2	2	0.333333333	0.333333333	1	1
RVBD_3438	-	81	124	67	1.530864198	0.827160494	1	0.802708056
RVBD_3439c	-	71	69	74	0.971830986	1.042253521	0.829034808	0.939436732
RVBD_3440c	-	11	15	26	1.363636364	2.363636364	1	1
RVBD_3441c	mrsA	61	38	63	0.62295082	1.032786885	0.816804536	1
RVBD_3442c	rpsI	96	72	92	0.75	0.958333333	0.887749155	1
RVBD_3443c	rplM	458	783	470	1.709606987	1.026200873	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3444c	esxT	17	17	11	1	0.647058824	1	1
RVBD_3445c	esxU	13	10	9	0.769230769	0.692307692	1	1
RVBD_3446c	-	13	13	6	1	0.461538462	1	1
RVBD_3447c	-	5	5	1	1	0.2	1	1
RVBD_3448	-	9	10	2	1.111111111	0.222222222	1	1
RVBD_3449	mycP4	5	1	1	0.2	0.2	1	1
RVBD_3450c	-	7	4	3	0.571428571	0.428571429	1	1
RVBD_3451	cut3	73	69	87	0.945205479	1.191780822	0.93169404	1
RVBD_3452	cut4	51	74	82	1.450980392	1.607843137	0.591408791	0.5855818
RVBD_3453	-	43	25	36	0.581395349	0.837209302	0.876877031	1
RVBD_3454	-	13	28	20	2.153846154	1.538461538	1	1
RVBD_3455c	truA	50	79	62	1.58	1.24	0.872262042	1
RVBD_3456c	rplQ	832	1088	1130	1.307692308	1.358173077	0.975300325	1
RVBD_3457c	rpoA	532	369	583	0.693609023	1.095864662	0.670186464	1
RVBD_3458c	rpsD	350	694	555	1.982857143	1.585714286	1	1
RVBD_3459c	rpsK	1581	2005	1870	1.268184693	1.182795699	1	1
RVBD_3460c	rpsM	1773	4079	2972	2.300620417	1.676254935	0.610586102	0.903719928
RVBD_3461c	rpmJ	4385	5784	4382	1.319042189	0.999315849	1	0.880047453
RVBD_3462c	infA	5345	3587	5624	0.671094481	1.052198316	0.674179957	1
RVBD_3463	-	23	53	32	2.304347826	1.391304348	1	1
RVBD_3464	rmlB	97	230	167	2.371134021	1.721649485	0.807592566	1
RVBD_3465	rmlC	58	89	80	1.534482759	1.379310345	0.594451567	0.758788274
RVBD_3466	-	85	74	49	0.870588235	0.576470588	0.93169404	0.830391917
RVBD_3467	-	138	172	77	1.246376812	0.557971014	1	0.306907933
RVBD_3468c	-	5	6	3	1.2	0.6	1	1
RVBD_3469c	mhpE	16	18	8	1.125	0.5	1	1
RVBD_3470c	ilvB2	7	14	5	2	0.714285714	1	1
RVBD_3471c	-	15	10	2	0.666666667	0.133333333	1	1
RVBD_3472	-	10	9	6	0.9	0.6	1	1
RVBD_3473c	bpoA	4	2	1	0.5	0.25	1	1
RVBD_3474	-	140	81	74	0.578571429	0.528571429	0.649856605	1
RVBD_3475	-	131	155	48	1.183206107	0.366412214	1	0.133570767
RVBD_3476c	kgtP	15	11	4	0.733333333	0.266666667	1	1
RVBD_3477	PE31	520	16	12	0.030769231	0.023076923	1.16E-142	8.18E-90
RVBD_3478	PPE60	247	45	47	0.182186235	0.190283401	7.59E-07	7.47E-14
RVBD_3479	-	37	12	9	0.324324324	0.243243243	0.326232522	0.03738098
RVBD_3480c	-	15	17	20	1.133333333	1.333333333	1	1
RVBD_3481c	-	73	60	57	0.821917808	0.780821918	1	1
RVBD_3482c	-	158	90	118	0.569620253	0.746835443	0.497997523	0.703368426
RVBD_3483c	-	23	21	29	0.913043478	1.260869565	1	1
RVBD_3484	cpsA	252	497	454	1.972222222	1.801587302	1	1
RVBD_3485c	-	80	60	71	0.75	0.8875	0.860865012	0.830391917
RVBD_3486	-	46	25	31	0.543478261	0.673913043	0.911729988	1
RVBD_3487c	lipF	579	489	557	0.844559585	0.962003454	0.82161812	0.819776427
RVBD_3488	-	15	29	28	1.933333333	1.866666667	1	1
RVBD_3489	-	318	343	404	1.078616352	1.270440252	1	1
RVBD_3490	otsA	605	611	551	1.009917355	0.910743802	1	1
RVBD_3491	-	156	118	117	0.756410256	0.75	0.764182435	0.604355596
RVBD_3492c	-	206	157	164	0.762135922	0.796116505	0.704648719	0.698649835
RVBD_3493c	-	23	15	16	0.652173913	0.695652174	1	1
RVBD_3494c	mce4F	22	22	20	1	0.909090909	1	1
RVBD_3495c	lprN	30	20	22	0.666666667	0.733333333	1	1
RVBD_3496c	mce4D	114	127	124	1.114035088	1.087719298	1	1
RVBD_3497c	mce4C	12	9	12	0.75	1	1	1
RVBD_3498c	mce4B	33	27	32	0.818181818	0.96969697	1	1
RVBD_3499c	mce4A	41	25	33	0.609756098	0.804878049	0.782206709	1
RVBD_3500c	yrbE4B	15	9	6	0.6	0.4	1	1
RVBD_3501c	yrbE4A	57	51	38	0.894736842	0.666666667	1	1
RVBD_3502c	fabG	26	16	19	0.615384615	0.730769231	1	1
RVBD_3503c	fdxD	64	98	110	1.53125	1.71875	0.74408235	0.813295001
RVBD_3504	fadE26	28	18	15	0.642857143	0.535714286	1	1
RVBD_3505	fadE27	8	4	2	0.5	0.25	1	1
RVBD_3506	fadD17	2	2	2	1	1	1	1
RVBD_3507	PE_PGRS53	9	15	9	1.666666667	1	1	1
RVBD_3508	PE_PGRS54	7	11	7	1.571428571	1	1	1
RVBD_3509c	ilvX	38	39	27	1.026315789	0.710526316	0.930563997	0.848654293
RVBD_3510c	-	27	19	16	0.703703704	0.592592593	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3511	PE_PGRS55	7	11	6	1.571428571	0.857142857	1	1
RVBD_3513c	fadD18	74	59	35	0.797297297	0.472972973	1	0.993864452
RVBD_3514	PE_PGRS57	6	7	6	1.166666667	1	1	1
RVBD_3515c	fadD19	48	48	41	1	0.854166667	0.858035267	0.722034704
RVBD_3516	echA19	122	132	117	1.081967213	0.959016393	0.911649756	0.864850215
RVBD_3517	-	11	5	4	0.454545455	0.363636364	1	1
RVBD_3518c	cyp142	7	7	8	1	1.142857143	1	1
RVBD_3519	-	90	62	82	0.688888889	0.911111111	0.913191027	0.916928307
RVBD_3520c	-	40	45	59	1.125	1.475	1	0.952929854
RVBD_3521	-	9	17	9	1.888888889	1	1	1
RVBD_3522	ltp4	20	21	16	1.05	0.8	1	1
RVBD_3523	ltp3	97	49	57	0.505154639	0.587628866	0.563537523	0.329934685
RVBD_3524	-	57	65	68	1.140350877	1.192982456	1	1
RVBD_3525c	-	25	17	8	0.68	0.32	1	1
RVBD_3526	-	57	87	83	1.526315789	1.456140351	1	1
RVBD_3527	-	24	35	22	1.458333333	0.916666667	1	1
RVBD_3528c	-	169	232	176	1.372781065	1.041420118	1	1
RVBD_3529c	-	33	23	16	0.696969697	0.484848485	1	1
RVBD_3530c	-	52	75	58	1.442307692	1.115384615	1	1
RVBD_3531c	-	16	7	12	0.4375	0.75	1	1
RVBD_3532	PPE61	13	17	8	1.307692308	0.615384615	1	1
RVBD_3533c	PPE62	21	36	22	1.714285714	1.047619048	1	1
RVBD_3534c	-	78	84	65	1.076923077	0.833333333	0.880764793	0.707501388
RVBD_3535c	-	78	120	89	1.538461538	1.141025641	1	1
RVBD_3536c	-	102	124	136	1.215686275	1.333333333	1	1
RVBD_3537	-	36	16	18	0.444444444	0.5	0.489890943	0.71816529
RVBD_3538	-	7	8	9	1.142857143	1.285714286	1	1
RVBD_3539	PPE63	11	13	7	1.181818182	0.636363636	1	1
RVBD_3540c	ltp2	22	19	14	0.863636364	0.636363636	1	1
RVBD_3541c	-	37	49	44	1.324324324	1.189189189	0.797010124	0.849233451
RVBD_3542c	-	40	33	49	0.825	1.225	1	0.962608925
RVBD_3543c	fadE29	19	17	25	0.894736842	1.315789474	1	1
RVBD_3544c	fadE28	29	46	36	1.586206897	1.24137931	1	1
RVBD_3545c	cyp125	20	18	15	0.9	0.75	1	1
RVBD_3546	fadA5	8	15	9	1.875	1.125	1	1
RVBD_3547	-	35	54	36	1.542857143	1.028571429	0.749570493	1
RVBD_3548c	-	51	61	78	1.196078431	1.529411765	1	0.930031208
RVBD_3549c	-	224	371	382	1.65625	1.705357143	1	0.597045913
RVBD_3550	echA20	14	14	22	1	1.571428571	1	1
RVBD_3551	-	55	79	91	1.436363636	1.654545455	1	0.817136649
RVBD_3552	-	5	16	17	3.2	3.4	1	1
RVBD_3553	-	12	15	19	1.25	1.583333333	1	1
RVBD_3554	fdxB	29	26	23	0.896551724	0.793103448	1	1
RVBD_3555c	-	19	21	33	1.105263158	1.736842105	1	1
RVBD_3556c	fadA6	77	122	171	1.584415584	2.220779221	1	0.618951418
RVBD_3557c	-	353	412	500	1.16713881	1.416430595	0.898649599	1
RVBD_3558	PPE64	13	21	14	1.615384615	1.076923077	1	1
RVBD_3559c	-	14	11	15	0.785714286	1.071428571	1	1
RVBD_3560c	fadE30	38	26	34	0.684210526	0.894736842	0.851363741	1
RVBD_3561	fadD3	29	46	45	1.586206897	1.551724138	1	1
RVBD_3562	fadE31	50	54	59	1.08	1.18	1	1
RVBD_3563	fadE32	19	28	22	1.473684211	1.157894737	1	1
RVBD_3564	fadE33	19	21	25	1.105263158	1.315789474	1	1
RVBD_3565	aspB	11	9	7	0.818181818	0.636363636	1	1
RVBD_3566A	-	22	8	15	0.363636364	0.681818182	1	1
RVBD_3566c	nat	67	79	45	1.179104478	0.671641791	1	0.903719928
RVBD_3567c	-	14	11	10	0.785714286	0.714285714	1	1
RVBD_3568c	bphC	112	138	138	1.232142857	1.232142857	1	1
RVBD_3569c	bphD	54	55	50	1.018518519	0.925925926	1	1
RVBD_3570c	-	42	36	34	0.857142857	0.80952381	1	1
RVBD_3571	hmp	31	22	26	0.709677419	0.838709677	1	1
RVBD_3572	-	123	122	110	0.991869919	0.894308943	0.911649756	0.884732008
RVBD_3573c	fadE34	6	9	5	1.5	0.833333333	1	1
RVBD_3574	-	36	40	36	1.111111111	1	1	0.884732008
RVBD_3575c	-	8	7	5	0.875	0.625	1	1
RVBD_3576	lppH	67	80	85	1.194029851	1.268656716	1	1
RVBD_3577	-	6	5	4	0.833333333	0.666666667	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3578	arsB2	10	5	4	0.5	0.4	1	1
RVBD_3579c	-	117	130	153	1.111111111	1.307692308	0.959250239	1
RVBD_3580c	cysS	187	179	211	0.957219251	1.128342246	0.83642236	1
RVBD_3581c	ispF	204	231	321	1.132352941	1.573529412	0.94158519	1
RVBD_3582c	ispD	384	422	612	1.098958333	1.59375	0.914767451	1
RVBD_3583c	-	1312	1151	1290	0.877286585	0.983231707	0.84878059	1
RVBD_3584	lpqE	127	56	106	0.440944882	0.834645669	0.539170691	0.798334533
RVBD_3585	radA	19	15	22	0.789473684	1.157894737	1	1
RVBD_3586	-	18	15	19	0.833333333	1.055555556	1	1
RVBD_3587c	-	36	27	32	0.75	0.888888889	1	0.874085147
RVBD_3588c	-	51	33	35	0.647058824	0.68627451	1	1
RVBD_3589	mutY	6	7	7	1.166666667	1.166666667	1	1
RVBD_3590c	PE_PGRS58	7	6	4	0.857142857	0.571428571	1	1
RVBD_3591c	-	4	5	4	1.25	1	1	1
RVBD_3592	TB11.2	415	695	792	1.674698795	1.908433735	1	0.576293137
RVBD_3593	lpqF	129	104	151	0.80620155	1.170542636	0.635495169	0.921089415
RVBD_3594	-	18	26	22	1.444444444	1.222222222	1	1
RVBD_3595c	PE_PGRS59	6	14	11	2.333333333	1.833333333	1	1
RVBD_3596c	clpC1	1197	1412	1502	1.179615706	1.254803676	1	0.878859561
RVBD_3597c	lsr2	52	94	70	1.807692308	1.346153846	0.334070375	0.816671397
RVBD_3598c	lysS	64	76	70	1.1875	1.09375	1	0.986873481
RVBD_3599c	-	39	14	17	0.358974359	0.435897436	0.858035267	1
RVBD_3600c	-	258	110	211	0.426356589	0.817829457	0.035493231	0.608604541
RVBD_3601c	panD	9	5	6	0.555555556	0.666666667	1	1
RVBD_3602c	panC	0	0	1	#DIV/0!	#DIV/0!	1	1
RVBD_3603c	-	51	77	81	1.509803922	1.588235294	1	0.868813448
RVBD_3604c	-	39	33	41	0.846153846	1.051282051	1	1
RVBD_3605c	-	121	89	95	0.73553719	0.785123967	0.93169404	0.948893558
RVBD_3606c	folK	43	44	61	1.023255814	1.418604651	1	0.604355596
RVBD_3607c	folB	43	61	48	1.418604651	1.11627907	0.840379762	0.952929854
RVBD_3608c	folP1	225	1000	475	4.444444444	2.111111111	0.004335275	0.499258214
RVBD_3609c	folE	51	45	50	0.882352941	0.980392157	1	0.846146554
RVBD_3610c	ftsH	269	273	277	1.014869888	1.029739777	0.93169404	1
RVBD_3611	-	221	112	24	0.50678733	0.108597285	0.318456513	4.01E-20
RVBD_3612c	-	179	105	148	0.586592179	0.826815642	0.829616665	0.922273796
RVBD_3613c	-	64	173	164	2.703125	2.5625	0.149245151	0.520049315
RVBD_3614c	-	670	1008	1042	1.504477612	1.555223881	1	1
RVBD_3615c	-	58	237	180	4.086206897	3.103448276	1.29E-07	0.024485056
RVBD_3616c	-	299	1465	940	4.899665552	3.143812709	0.125628477	0.639905368
RVBD_3617	ephA	20	14	10	0.7	0.5	1	1
RVBD_3618	-	5	7	5	1.4	1	1	1
RVBD_3619c	esxV	192	1165	1116	6.067708333	5.8125	5.06E-06	3.01E-10
RVBD_3620c	esxW	1310	4786	5961	3.653435115	4.550381679	0.400459333	0.061915002
RVBD_3621c	PPE65	4	4	3	1	0.75	1	1
RVBD_3622c	PE32	3	2	3	0.666666667	1	1	1
RVBD_3623	lpqG	76	106	151	1.394736842	1.986842105	1	0.853157372
RVBD_3624c	hpt	79	92	80	1.164556962	1.012658228	1	1
RVBD_3625c	mesJ	21	19	20	0.904761905	0.952380952	1	1
RVBD_3626c	-	78	63	71	0.807692308	0.91025641	0.826779574	0.813295001
RVBD_3627c	-	48	32	40	0.666666667	0.833333333	0.898133968	0.813295001
RVBD_3628	ppa	21	12	16	0.571428571	0.761904762	1	1
RVBD_3629c	-	17	8	7	0.470588235	0.411764706	1	1
RVBD_3630	-	12	11	10	0.916666667	0.833333333	1	1
RVBD_3631	-	76	80	66	1.052631579	0.868421053	1	1
RVBD_3632	-	8	15	13	1.875	1.625	1	1
RVBD_3633	-	29	18	21	0.620689655	0.724137931	1	1
RVBD_3634c	galE1	77	55	49	0.714285714	0.636363636	0.867813526	0.635337798
RVBD_3635	-	24	14	7	0.583333333	0.291666667	1	1
RVBD_3636	-	98	132	106	1.346938776	1.081632653	0.629556058	0.866098507
RVBD_3637	-	8	6	3	0.75	0.375	1	1
RVBD_3638	-	8	4	2	0.5	0.25	1	1
RVBD_3639c	-	4	1	2	0.25	0.5	1	1
RVBD_3640c	-	6	7	4	1.166666667	0.666666667	1	1
RVBD_3641c	fic	99	112	123	1.131313131	1.242424242	0.963784715	1
RVBD_3642c	-	687	1974	1382	2.873362445	2.011644833	0.31204753	0.499258214
RVBD_3643	-	4	2	1	0.5	0.25	1	1
RVBD_3644c	-	36	30	26	0.833333333	0.722222222	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3645	-	40	21	41	0.525	1.025	0.808536584	0.97846219
RVBD_3646c	topA	246	206	221	0.837398374	0.898373984	0.826123147	0.993864452
RVBD_3647c	-	61	34	40	0.557377049	0.655737705	0.87936014	1
RVBD_3648c	cspA	26808	18396	20437	0.686213071	0.762347061	0.756617125	0.911555079
RVBD_3649	-	7	5	6	0.714285714	0.857142857	1	1
RVBD_3650	PE33	10	11	4	1.1	0.4	1	1
RVBD_3651	-	99	117	116	1.181818182	1.171717172	1	1
RVBD_3652	PE_PGRS60	36	24	22	0.666666667	0.611111111	1	1
RVBD_3653	PE_PGRS61	1	1	1	1	#DIV/0!	1	1
RVBD_3654c	-	8	10	17	1.25	2.125	1	1
RVBD_3655c	-	7	5	5	0.714285714	0.714285714	1	1
RVBD_3656c	-	12	3	4	0.25	0.333333333	1	1
RVBD_3657c	-	9	6	12	0.666666667	1.333333333	1	1
RVBD_3658c	-	5	5	9	1	1.8	1	1
RVBD_3659c	-	21	14	19	0.666666667	0.904761905	1	1
RVBD_3660c	-	11	9	20	0.818181818	1.818181818	1	1
RVBD_3661	-	44	59	75	1.340909091	1.704545455	0.90602222	0.718375941
RVBD_3662c	-	4	5	4	1.25	1	1	1
RVBD_3663c	dppD	26	16	14	0.615384615	0.538461538	1	1
RVBD_3664c	dppC	9	9	3	1	0.333333333	1	1
RVBD_3665c	dppB	8	5	2	0.625	0.25	1	1
RVBD_3666B	-	3	9	4	3	1.333333333	1	1
RVBD_3666c	dppA	30	28	18	0.933333333	0.6	1	1
RVBD_3667	acs	18	17	11	0.944444444	0.611111111	1	1
RVBD_3668c	-	24	23	17	0.958333333	0.708333333	1	1
RVBD_3669	-	37	26	28	0.702702703	0.756756757	1	1
RVBD_3670	ephE	8	8	6	1	0.75	1	1
RVBD_3671c	-	42	32	35	0.761904762	0.833333333	0.955717651	1
RVBD_3672c	-	29	40	34	1.379310345	1.172413793	1	1
RVBD_3673c	-	39	32	58	0.820512821	1.487179487	1	0.534852742
RVBD_3674c	nth	449	346	447	0.770601336	0.995545657	0.687280468	0.941730126
RVBD_3675	-	29	45	31	1.551724138	1.068965517	1	1
RVBD_3676	-	522	323	483	0.618773946	0.925287356	0.356580111	0.911555079
RVBD_3677c	-	103	181	173	1.757281553	1.67961165	1	1
RVBD_3678A	-	507	822	644	1.621301775	1.270216963	1	1
RVBD_3678c	-	297	211	243	0.71043771	0.818181818	0.531063888	0.813111833
RVBD_3679	-	186	209	191	1.123655914	1.02688172	0.93169404	1
RVBD_3680	-	143	106	131	0.741258741	0.916083916	0.548004816	0.917246498
RVBD_3681c	whiB4	258	471	305	1.825581395	1.182170543	1	1
RVBD_3682	ponA2	183	313	245	1.710382514	1.338797814	1	1
RVBD_3683	-	96	102	122	1.0625	1.270833333	0.887945064	1
RVBD_3684	-	60	38	45	0.633333333	0.75	0.906906998	0.810379678
RVBD_3685c	cyp137	21	28	29	1.333333333	1.380952381	1	1
RVBD_3686c	-	902	547	548	0.606430155	0.607538803	0.326232522	0.605949457
RVBD_3687c	rsfB	24	22	19	0.916666667	0.791666667	1	1
RVBD_3688c	-	150	118	157	0.786666667	1.046666667	0.886683516	1
RVBD_3689	-	21	16	18	0.761904762	0.857142857	1	1
RVBD_3690	-	103	100	76	0.970873786	0.737864078	0.903888556	0.730623019
RVBD_3691	-	88	68	44	0.772727273	0.5	0.78604102	0.486612225
RVBD_3692	moxR2	32	33	30	1.03125	0.9375	1	1
RVBD_3693	-	20	12	13	0.6	0.65	1	1
RVBD_3694c	-	175	468	325	2.674285714	1.857142857	0.337321607	0.500983057
RVBD_3695	-	55	45	45	0.818181818	0.818181818	1	1
RVBD_3696c	glpK	40	38	44	0.95	1.1	0.91599635	1
RVBD_3697A	-	34	20	23	0.588235294	0.676470588	1	0.986873481
RVBD_3697c	-	61	50	58	0.819672131	0.950819672	1	0.861187337
RVBD_3698	-	11	15	9	1.363636364	0.818181818	1	1
RVBD_3699	-	87	60	57	0.689655172	0.655172414	0.919513756	0.795227584
RVBD_3700c	-	5	3	4	0.6	0.8	1	1
RVBD_3701c	-	107	97	62	0.906542056	0.579439252	0.767207995	0.405651288
RVBD_3702c	-	21	28	32	1.333333333	1.523809524	1	1
RVBD_3703c	-	18	13	21	0.722222222	1.166666667	1	1
RVBD_3704c	gshA	29	28	31	0.965517241	1.068965517	1	1
RVBD_3705A	-	16	13	11	0.8125	0.6875	1	1
RVBD_3705c	-	22	17	16	0.772727273	0.727272727	1	1
RVBD_3706c	-	15	19	14	1.266666667	0.933333333	1	1
RVBD_3707c	-	8	11	14	1.375	1.75	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3708c	asd	79	139	117	1.759493671	1.481012658	1	1
RVBD_3709c	ask	85	124	142	1.458823529	1.670588235	1	1
RVBD_3710	leuA	316	421	389	1.332278481	1.231012658	1	1
RVBD_3711c	dnaQ	33	24	33	0.727272727	1	1	1
RVBD_3712	-	16	13	14	0.8125	0.875	1	1
RVBD_3713	cobQ2	53	28	36	0.528301887	0.679245283	0.662089898	1
RVBD_3714c	-	12	20	15	1.666666667	1.25	1	1
RVBD_3715c	recR	125	66	97	0.528	0.776	0.826658638	0.718494872
RVBD_3716c	-	165	128	181	0.775757576	1.096969697	0.903888556	1
RVBD_3717	-	149	271	204	1.818791946	1.369127517	1	1
RVBD_3718c	-	3	3	3	1	1	1	1
RVBD_3719	-	276	290	311	1.050724638	1.126811594	0.915990849	0.884732008
RVBD_3720	-	111	115	113	1.036036036	1.018018018	0.894264761	1
RVBD_3721c	dnaZX	129	107	129	0.829457364	1	0.678340419	1
RVBD_3722c	-	77	47	86	0.61038961	1.116883117	0.678340419	1
RVBD_3723	-	49	52	51	1.06122449	1.040816327	0.90602222	1
RVBD_3724A	cut5a	52	53	56	1.019230769	1.076923077	0.984127414	1
RVBD_3724B	cut5b	21	28	23	1.333333333	1.095238095	1	1
RVBD_3725	-	44	31	36	0.704545455	0.818181818	0.844779159	1
RVBD_3726	-	20	18	24	0.9	1.2	1	1
RVBD_3727	-	11	7	5	0.636363636	0.454545455	1	1
RVBD_3728	-	9	5	4	0.555555556	0.444444444	1	1
RVBD_3729	-	60	36	32	0.6	0.533333333	0.370518133	0.279646474
RVBD_3730c	-	15	14	10	0.933333333	0.666666667	1	1
RVBD_3731	ligC	12	11	6	0.916666667	0.5	1	1
RVBD_3732	-	20	18	19	0.9	0.95	1	1
RVBD_3733c	-	52	51	47	0.980769231	0.903846154	1	0.870505379
RVBD_3734c	-	43	31	25	0.720930233	0.581395349	0.920135946	0.770709577
RVBD_3735	-	22	41	25	1.863636364	1.136363636	1	1
RVBD_3736	-	120	133	125	1.108333333	1.041666667	0.93169404	1
RVBD_3737	-	16	14	13	0.875	0.8125	1	1
RVBD_3738c	PPE66	5	6	6	1.2	1.2	1	1
RVBD_3739c	PPE67	8	9	10	1.125	1.25	1	1
RVBD_3740c	-	30	40	22	1.333333333	0.733333333	1	1
RVBD_3741c	-	32	35	35	1.09375	1.09375	1	1
RVBD_3742c	-	48	30	40	0.625	0.833333333	1	1
RVBD_3743c	ctpJ	5	4	1	0.8	0.2	1	1
RVBD_3744	-	25	26	24	1.04	0.96	1	1
RVBD_3745c	-	4	2	1	0.5	0.25	1	1
RVBD_3746c	PE34	39	93	60	2.384615385	1.538461538	0.208869083	0.866098507
RVBD_3747	-	160	39	54	0.24375	0.3375	0.023834726	0.440375784
RVBD_3748	-	34	20	19	0.588235294	0.558823529	0.903888556	1
RVBD_3749Ac	-	293	422	400	1.440273038	1.365187713	1	1
RVBD_3749c	-	72	49	55	0.680555556	0.763888889	1	1
RVBD_3750c	-	1072	970	945	0.904850746	0.881529851	0.859421009	0.813295001
RVBD_3751	-	12	7	3	0.583333333	0.25	1	1
RVBD_3752c	-	7	6	5	0.857142857	0.714285714	1	1
RVBD_3753c	-	42	36	39	0.857142857	0.928571429	1	1
RVBD_3754	tyrA	7	5	4	0.714285714	0.571428571	1	1
RVBD_3755c	-	147	249	219	1.693877551	1.489795918	1	1
RVBD_3756c	proZ	36	37	41	1.027777778	1.138888889	1	0.741518701
RVBD_3757c	proW	56	40	52	0.714285714	0.928571429	0.915990849	1
RVBD_3758c	proV	13	10	15	0.769230769	1.153846154	1	1
RVBD_3759c	proX	85	38	60	0.447058824	0.705882353	0.702967331	0.608604541
RVBD_3760	-	8	4	6	0.5	0.75	1	1
RVBD_3761c	fadE36	17	22	13	1.294117647	0.764705882	1	1
RVBD_3762c	-	18	12	11	0.666666667	0.611111111	1	1
RVBD_3763	lpqH	71	62	57	0.873239437	0.802816901	1	1
RVBD_3764c	-	8	8	5	1	0.625	1	1
RVBD_3765c	-	53	53	57	1	1.075471698	0.93169404	1
RVBD_3766	-	45	78	79	1.733333333	1.755555556	0.31204753	0.38954587
RVBD_3767c	-	78	141	166	1.807692308	2.128205128	1	0.964410871
RVBD_3768	-	13	20	17	1.538461538	1.307692308	1	1
RVBD_3769	-	96	204	112	2.125	1.166666667	0.094888327	0.711500177
RVBD_3770A	-	8	8	9	1	1.125	1	1
RVBD_3770B	-	33	36	40	1.090909091	1.212121212	1	1
RVBD_3770c	-	3	3	3	1	1	1	1

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3771c	-	15	10	9	0.666666667	0.6	1	1
RVBD_3772	hisC2	12	17	18	1.416666667	1.5	1	1
RVBD_3773c	-	30	19	20	0.633333333	0.666666667	1	1
RVBD_3774	echA21	42	31	28	0.738095238	0.666666667	1	1
RVBD_3775	lipE	16	22	17	1.375	1.0625	1	1
RVBD_3776	-	15	17	14	1.133333333	0.933333333	1	1
RVBD_3777	-	44	37	51	0.840909091	1.159090909	1	1
RVBD_3778c	-	115	133	113	1.156521739	0.982608696	1	0.97945682
RVBD_3779	-	42	39	32	0.928571429	0.761904762	0.818788217	0.608604541
RVBD_3780	-	83	69	69	0.831325301	0.831325301	1	1
RVBD_3781	rfbE	38	35	36	0.921052632	0.947368421	1	0.86391887
RVBD_3782	-	139	159	135	1.143884892	0.971223022	0.999812272	0.952929854
RVBD_3783	rfbD	15	21	17	1.4	1.133333333	1	1
RVBD_3784	-	30	26	26	0.866666667	0.866666667	1	1
RVBD_3785	-	26	14	17	0.538461538	0.653846154	1	1
RVBD_3786c	-	37	25	20	0.675675676	0.540540541	0.840379762	1
RVBD_3787c	-	9	7	5	0.777777778	0.555555556	1	1
RVBD_3788	-	56	47	33	0.839285714	0.589285714	1	1
RVBD_3789	-	25	36	34	1.44	1.36	1	1
RVBD_3790	-	52	43	32	0.826923077	0.615384615	0.879703127	0.637369447
RVBD_3791	-	94	68	51	0.723404255	0.542553191	0.871689417	0.628195977
RVBD_3792	-	14	14	10	1	0.714285714	1	1
RVBD_3793	embC	17	13	11	0.764705882	0.647058824	1	1
RVBD_3794	embA	31	27	38	0.870967742	1.225806452	1	1
RVBD_3795	embB	26	33	33	1.269230769	1.269230769	1	1
RVBD_3796	-	67	75	50	1.119402985	0.746268657	0.915990849	0.707501388
RVBD_3797	fadE35	15	10	10	0.666666667	0.666666667	1	1
RVBD_3798	-	78	76	32	0.974358974	0.41025641	0.835805609	0.248798914
RVBD_3799c	accD4	395	591	534	1.496202532	1.351898734	1	1
RVBD_3800c	pks13	788	699	712	0.887055838	0.903553299	0.965592918	1
RVBD_3801c	fadD32	1599	1388	1450	0.868042527	0.90681676	0.933316667	1
RVBD_3802c	-	71	115	120	1.61971831	1.690140845	1	1
RVBD_3803c	fbpD	177	114	168	0.644067797	0.949152542	0.366730868	0.952929854
RVBD_3804c	fbpA	331	667	526	2.01510574	1.589123867	1	1
RVBD_3805c	-	80	94	110	1.175	1.375	1	0.771561727
RVBD_3806c	-	54	46	73	0.851851852	1.351851852	1	1
RVBD_3807c	-	146	129	160	0.883561644	1.095890411	0.878549671	1
RVBD_3808c	glfT	126	89	109	0.706349206	0.865079365	0.532154092	1
RVBD_3809c	glf	48	27	36	0.5625	0.75	0.782065513	0.901648605
RVBD_3810	pirG	336	436	425	1.297619048	1.264880952	1	1
RVBD_3811	-	197	131	212	0.664974619	1.076142132	0.454289481	0.959706825
RVBD_3812	PE_PGRS62	71	54	41	0.76056338	0.577464789	0.663708552	0.368809057
RVBD_3813c	-	17	25	23	1.470588235	1.352941176	1	1
RVBD_3814c	-	62	64	64	1.032258065	1.032258065	1	1
RVBD_3815c	-	50	73	72	1.46	1.44	0.840379762	0.868813448
RVBD_3816c	-	62	80	76	1.290322581	1.225806452	1	1
RVBD_3817	-	28	22	13	0.785714286	0.464285714	1	1
RVBD_3818	-	70	65	62	0.928571429	0.885714286	0.788382224	0.813295001
RVBD_3819	-	55	65	41	1.181818182	0.745454545	0.919513756	1
RVBD_3820c	papA2	35	33	19	0.942857143	0.542857143	1	1
RVBD_3821	-	45	38	40	0.844444444	0.888888889	1	0.886517501
RVBD_3822	-	746	769	722	1.030831099	0.967828418	1	1
RVBD_3823c	mmpL8	60	111	104	1.85	1.733333333	1	0.911555079
RVBD_3824c	papA1	90	133	141	1.477777778	1.566666667	1	0.703857735
RVBD_3825c	pks2	90	151	167	1.677777778	1.855555556	1	0.902852422
RVBD_3826	fadD23	137	144	101	1.051094891	0.737226277	0.871689417	0.629022455
RVBD_3827c	-	27	29	32	1.074074074	1.185185185	1	1
RVBD_3828c	-	64	78	66	1.21875	1.03125	0.93640995	1
RVBD_3829c	-	32	28	15	0.875	0.46875	1	1
RVBD_3830c	-	32	26	21	0.8125	0.65625	1	1
RVBD_3831	-	12	12	7	1	0.583333333	1	1
RVBD_3832c	-	44	26	20	0.590909091	0.454545455	1	0.973322606
RVBD_3833	-	127	126	113	0.992125984	0.88976378	0.853084711	0.796961396
RVBD_3834c	serS	10	6	4	0.6	0.4	1	1
RVBD_3835	-	46	42	45	0.913043478	0.97826087	0.91599635	0.991736158
RVBD_3836	-	20	24	23	1.2	1.15	1	1
RVBD_3837c	-	491	332	435	0.676171079	0.885947047	0.495552241	0.917584675

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3838c	pheA	24	20	18	0.833333333	0.75	1	1
RVBD_3839	-	25	20	23	0.8	0.92	1	1
RVBD_3840	-	49	47	47	0.959183673	0.959183673	1	1
RVBD_3841	bfrB	2303	2564	1547	1.113330439	0.671732523	1	0.911412225
RVBD_3842c	glpQ1	61	49	69	0.803278689	1.131147541	1	1
RVBD_3843c	-	64	57	80	0.890625	1.25	0.907139184	1
RVBD_3844	-	41	33	22	0.804878049	0.536585366	1	1
RVBD_3845	-	49	56	40	1.142857143	0.816326531	0.93169404	1
RVBD_3846	sodA	118	173	143	1.466101695	1.211864407	1	1
RVBD_3847	-	27	37	27	1.37037037	1	1	1
RVBD_3848	-	39	39	30	1	0.769230769	0.915990849	1
RVBD_3849	espR	868	875	603	1.008064516	0.694700461	0.894948888	0.888741304
RVBD_3850	-	56	51	47	0.910714286	0.839285714	1	1
RVBD_3851	-	41	66	36	1.609756098	0.87804878	0.712013796	1
RVBD_3852	hns	2138	1597	1957	0.746959775	0.915341441	0.764182435	1
RVBD_3853	menG	28	21	21	0.75	0.75	1	1
RVBD_3854c	ethA	77	110	116	1.428571429	1.506493506	1	1
RVBD_3855	ethR	45	37	61	0.822222222	1.355555556	1	0.608604541
RVBD_3856c	-	149	94	135	0.630872483	0.906040268	0.370518133	0.911555079
RVBD_3857Ac	-	364	112	261	0.307692308	0.717032967	0.176023686	1
RVBD_3857c	-	42	33	29	0.785714286	0.69047619	1	1
RVBD_3858c	gltD	87	124	134	1.425287356	1.540229885	1	0.798334533
RVBD_3859c	gltB	187	165	203	0.882352941	1.085561497	0.93169404	1
RVBD_3860	-	11	10	8	0.909090909	0.727272727	1	1
RVBD_3861	-	3	3	2	1	0.666666667	1	1
RVBD_3862c	whiB6	64	78	155	1.21875	2.421875	0.826425461	0.098237679
RVBD_3863	-	101	77	103	0.762376238	1.01980198	0.635495169	0.983351544
RVBD_3864	-	174	160	188	0.91954023	1.08045977	0.751451805	1
RVBD_3865	-	191	157	188	0.821989529	0.984293194	0.92648477	1
RVBD_3866	-	709	1545	748	2.179125529	1.055007052	0.714502579	1
RVBD_3867	-	292	444	422	1.520547945	1.445205479	1	0.706754821
RVBD_3868	-	197	216	226	1.096446701	1.147208122	0.919513756	0.940500053
RVBD_3869	-	175	182	202	1.04	1.154285714	0.87936014	1
RVBD_3870	-	442	624	536	1.411764706	1.212669683	0.99062955	1
RVBD_3871	-	176	256	214	1.454545455	1.215909091	1	0.980849934
RVBD_3872	PE35	1	1	1	1	#DIV/0!	1	1
RVBD_3873	PPE68	1	1	1	1	#DIV/0!	1	1
RVBD_3874	esxB	1	1	1	1	#DIV/0!	1	1
RVBD_3875	esxA	1	1	1	1	#DIV/0!	1	1
RVBD_3876	-	1	1	1	1	#DIV/0!	1	1
RVBD_3877	-	1	1	1	1	#DIV/0!	1	1
RVBD_3878	-	1	1	1	1	#DIV/0!	1	1
RVBD_3879c	-	1	1	1	1	#DIV/0!	1	1
RVBD_3880c	-	114	213	186	1.868421053	1.631578947	0.867813526	0.811722235
RVBD_3881c	-	350	657	532	1.877142857	1.52	1	1
RVBD_3882c	-	122	82	89	0.672131148	0.729508197	0.404543615	0.698255754
RVBD_3883c	mycP1	12	8	12	0.666666667	1	1	1
RVBD_3884c	-	73	67	69	0.917808219	0.945205479	0.749570493	0.930169802
RVBD_3885c	-	73	85	78	1.164383562	1.068493151	1	1
RVBD_3886c	mycP2	17	16	12	0.941176471	0.705882353	1	1
RVBD_3887c	-	25	43	24	1.72	0.96	1	1
RVBD_3888c	-	42	36	26	0.857142857	0.619047619	1	1
RVBD_3889c	-	8	15	12	1.875	1.5	1	1
RVBD_3890c	esxC	82	98	109	1.195121951	1.329268293	0.835805609	0.657305545
RVBD_3891c	esxD	537	1617	733	3.011173184	1.364990689	0.176023686	0.734902204
RVBD_3892c	PPE69	5	5	5	1	1	1	1
RVBD_3893c	PE36	6	4	4	0.666666667	0.666666667	1	1
RVBD_3894c	-	49	46	39	0.93877551	0.795918367	0.756577335	0.440375784
RVBD_3895c	-	9	8	8	0.888888889	0.888888889	1	1
RVBD_3896c	-	16	16	18	1	1.125	1	1
RVBD_3897c	-	39	51	40	1.307692308	1.025641026	0.702329603	0.817136649
RVBD_3898c	-	97	75	74	0.773195876	0.762886598	1	1
RVBD_3899c	-	17	14	9	0.823529412	0.529411765	1	1
RVBD_3900c	-	70	110	83	1.571428571	1.185714286	1	1
RVBD_3901c	-	36	40	35	1.111111111	0.972222222	0.919513756	1
RVBD_3902c	-	57	52	42	0.912280702	0.736842105	1	1
RVBD_3903c	-	85	92	53	1.082352941	0.623529412	0.861784414	0.226069129

Synonym	Gene Name	Expression WT	Expression ΔphoT	Expression ΔpstC2-A1	ΔphoT/WT	ΔpstC2-A1/WT	Q-value (WTvsΔphoT)	Q-value (WTvsΔpstC2-A1)
RVBD_3904c	esxE	4	14	6	3.5	1.5	1	1
RVBD_3905c	esxF	2	15	10	7.5	5	1	1
RVBD_3906c	-	196	215	202	1.096938776	1.030612245	0.919513756	0.930031208
RVBD_3907c	pcnA	98	68	73	0.693877551	0.744897959	0.485950484	0.722034704
RVBD_3908	-	61	32	39	0.524590164	0.639344262	0.423492033	1
RVBD_3909	-	55	116	66	2.109090909	1.2	0.844779159	1
RVBD_3910	-	66	56	53	0.848484848	0.803030303	0.704648719	0.902852422
RVBD_3911	sigM	5	8	7	1.6	1.4	1	1
RVBD_3912	-	6	3	2	0.5	0.333333333	1	1
RVBD_3913	trxB2	106	150	104	1.41509434	0.981132075	1	0.911555079
RVBD_3914	trxC	139	199	148	1.431654676	1.064748201	1	1
RVBD_3915	-	111	59	80	0.531531532	0.720720721	0.377567083	0.698343057
RVBD_3916c	-	134	67	99	0.5	0.73880597	0.674179957	0.597045913
RVBD_3917c	parB	182	175	211	0.961538462	1.159340659	0.793295584	0.952929854
RVBD_3918c	parA	168	155	175	0.922619048	1.041666667	0.792704048	1
RVBD_3919c	gidB	435	482	543	1.108045977	1.248275862	0.919513756	1
RVBD_3920c	-	727	1786	1654	2.456671252	2.275103164	0.871689417	0.986873481
RVBD_3921c	-	1041	1669	1302	1.60326609	1.250720461	0.906906998	0.888741304
RVBD_3922c	-	80	202	171	2.525	2.1375	0.011620178	0.100942159
RVBD_3923c	rnpA	137	350	247	2.554744526	1.802919708	0.731134577	0.849233451
RVBD_3924c	rpmH	49	143	120	2.918367347	2.448979592	0.0937678	0.596277673

'Expression' represents the number of raw transcript read number for each strain; 'ΔphoT/WT' and 'ΔpstC2-A1/WT' represent the fold change of the transcript number of each isogenic deletion strain over wildtype; 'Q-value (WTvsΔphoT)' and 'Q-value (WTvsΔpstC2-A1)' refer to the probability of statistical significance of the fold change values calculated by Rockhopper between each isogenic deletion strain and wildtype.

Table B5: Transcriptomic profiling of changes in gene expression in mature (5-week) pellicle biofilms of *M. tuberculosis*

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0001	dnaA	333	476	1.429429429	1
RVBD_0002	dnaN	89	100	1.123595506	1
RVBD_0003	recF	82	90	1.097560976	1
RVBD_0004	-	48	57	1.1875	1
RVBD_0005	gyrB	693	502	0.724386724	1
RVBD_0006	gyrA	245	168	0.685714286	1
RVBD_0007	-	118	104	0.881355932	1
RVBD_0008c	-	55	62	1.127272727	1
RVBD_0009	ppiA	331	299	0.903323263	1
RVBD_0010c	-	94	82	0.872340426	1
RVBD_0011c	-	105	127	1.20952381	1
RVBD_0012	-	97	88	0.907216495	1
RVBD_0013	trpG	254	225	0.885826772	1
RVBD_0014c	pknB	79	91	1.151898734	1
RVBD_0015c	pknA	187	71	0.379679144	1
RVBD_0016c	pbpA	91	91	1	1
RVBD_0017c	rodA	52	65	1.25	1
RVBD_0018c	ppp	138	97	0.702898551	1
RVBD_0019c	-	157	110	0.700636943	1
RVBD_0020c	TB39.8	504	276	0.547619048	1
RVBD_0021c	-	11	13	1.181818182	1
RVBD_0022c	whiB5	2	7	3.5	1
RVBD_0023	-	34	23	0.676470588	1
RVBD_0024	-	13	20	1.538461538	1
RVBD_0025	-	21	39	1.857142857	1
RVBD_0026	-	43	47	1.093023256	1
RVBD_0027	-	45	65	1.444444444	1
RVBD_0028	-	22	35	1.590909091	1
RVBD_0029	-	41	52	1.268292683	1
RVBD_0030	-	39	54	1.384615385	1
RVBD_0031	-	30	57	1.9	1
RVBD_0032	bioF2	15	38	2.533333333	1
RVBD_0033	acpA	45	93	2.066666667	1
RVBD_0034	-	6	8	1.333333333	1
RVBD_0035	fadD34	6	18	3	1
RVBD_0036c	-	130	176	1.353846154	1
RVBD_0037c	-	27	32	1.185185185	1
RVBD_0038	-	102	68	0.666666667	1
RVBD_0039c	-	45	52	1.155555556	1
RVBD_0040c	mtc28	32	35	1.09375	1
RVBD_0041	leuS	48	55	1.145833333	1
RVBD_0042c	-	103	105	1.019417476	1
RVBD_0043c	-	42	42	1	1
RVBD_0044c	-	33	29	0.878787879	1
RVBD_0045c	-	68	36	0.529411765	1
RVBD_0046c	ino1	445	208	0.46741573	1
RVBD_0047c	-	597	161	0.269681742	1
RVBD_0048c	-	54	51	0.944444444	1
RVBD_0049	-	211	205	0.971563981	1
RVBD_0050	ponA1	183	221	1.207650273	1
RVBD_0051	-	48	64	1.333333333	1
RVBD_0052	-	42	37	0.880952381	1
RVBD_0053	rpsF	383	242	0.631853786	1
RVBD_0054	ssb	689	491	0.712626996	1
RVBD_0055	rpsR	1258	793	0.63036566	1
RVBD_0056	rplI	556	370	0.665467626	1
RVBD_0057	-	462	157	0.33982684	1
RVBD_0058	dnaB	102	91	0.892156863	1
RVBD_0059	-	27	43	1.592592593	1
RVBD_0060	-	157	171	1.089171975	1
RVBD_0061c	-	126	111	0.880952381	1
RVBD_0062	celA1	86	14	0.162790698	1
RVBD_0063	-	20	13	0.65	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0064	-	47	72	1.531914894	1
RVBD_0064A	-	45	107	2.377777778	1
RVBD_0065	-	35	85	2.428571429	1
RVBD_0066c	icd2	34	59	1.735294118	1
RVBD_0067c	-	6	7	1.166666667	1
RVBD_0068	-	5	5	1	1
RVBD_0069c	sdaA	20	35	1.75	1
RVBD_0070c	glyA2	13	41	3.153846154	1
RVBD_0071	-	5	7	1.4	1
RVBD_0072	-	86	61	0.709302326	1
RVBD_0073	-	98	121	1.234693878	1
RVBD_0074	-	73	91	1.246575342	1
RVBD_0075	-	46	86	1.869565217	1
RVBD_0076c	-	16	41	2.5625	1
RVBD_0077c	-	1	6	6	1
RVBD_0078	-	6	10	1.666666667	1
RVBD_0078A	-	136	170	1.25	1
RVBD_0078B	-	1025	740	0.72195122	1
RVBD_0079	-	402	41	0.10199005	0.005964589
RVBD_0080	-	361	26	0.072022161	1
RVBD_0081	-	185	10	0.054054054	0.048745876
RVBD_0082	-	195	13	0.066666667	1
RVBD_0083	-	29	4	0.137931034	1
RVBD_0084	hycD	51	27	0.529411765	1
RVBD_0085	hycP	25	6	0.24	1
RVBD_0086	hycQ	47	17	0.361702128	1
RVBD_0087	hycE	35	18	0.514285714	1
RVBD_0088	-	162	219	1.351851852	1
RVBD_0089	-	18	29	1.611111111	1
RVBD_0090	-	4	9	2.25	1
RVBD_0091	mtn	13	24	1.846153846	1
RVBD_0092	ctpA	21	39	1.857142857	1
RVBD_0093c	-	12	21	1.75	1
RVBD_0094c	-	35	78	2.228571429	1
RVBD_0095c	-	9	24	2.666666667	1
RVBD_0096	PPE1	3	561	187	9.38E-113
RVBD_0097	-	28	2262	80.78571429	3.08E-91
RVBD_0098	-	27	1722	63.77777778	2.23E-22
RVBD_0099	fadD10	14	676	48.28571429	2.23E-22
RVBD_0100	-	10	609	60.9	0.00318575
RVBD_0101	nrp	10	255	25.5	2.95E-35
RVBD_0102	-	32	44	1.375	1
RVBD_0103c	ctpB	48	957	19.9375	2.82E-36
RVBD_0104	-	3	13	4.333333333	1
RVBD_0105c	rpmB	2	61	30.5	0.166515977
RVBD_0106	-	12	450	37.5	2.38E-05
RVBD_0107c	ctpI	47	42	0.893617021	1
RVBD_0108c	-	217	519	2.391705069	1
RVBD_0109	PE_PGRS1	12	24	2	1
RVBD_0110	-	17	31	1.823529412	1
RVBD_0111	-	16	22	1.375	1
RVBD_0112	gca	166	81	0.487951807	1
RVBD_0113	gmhA	123	85	0.691056911	1
RVBD_0114	gmhB	55	34	0.618181818	1
RVBD_0115	hddA	32	22	0.6875	1
RVBD_0116c	-	30	86	2.866666667	1
RVBD_0117	oxyS	17	28	1.647058824	1
RVBD_0118c	oxcA	18	31	1.722222222	1
RVBD_0119	fadD7	16	20	1.25	1
RVBD_0120c	fusA2	19	64	3.368421053	1
RVBD_0121c	-	7	29	4.142857143	1
RVBD_0122	-	34	158	4.647058824	1
RVBD_0123	-	11	47	4.272727273	1
RVBD_0124	PE_PGRS2	7	10	1.428571429	1
RVBD_0125	pepA	141	151	1.070921986	1
RVBD_0126	treS	93	141	1.516129032	1
RVBD_0127	-	31	46	1.483870968	1
RVBD_0128	-	36	52	1.444444444	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0129c	fbpC	520	375	0.721153846	1
RVBD_0130	-	10	13	1.3	1
RVBD_0131c	fadE1	18	56	3.111111111	1
RVBD_0132c	fgd2	6	15	2.5	1
RVBD_0133	-	66	35	0.53030303	1
RVBD_0134	ephF	114	84	0.736842105	1
RVBD_0135c	-	72	77	1.069444444	1
RVBD_0136	cyp138	17	57	3.352941176	1
RVBD_0137c	msrA	58	99	1.706896552	1
RVBD_0138	-	30	23	0.766666667	1
RVBD_0139	-	28	25	0.892857143	1
RVBD_0140	-	31	93	3	1
RVBD_0141c	-	83	85	1.024096386	1
RVBD_0142	-	4	16	4	1
RVBD_0143c	-	55	42	0.763636364	1
RVBD_0144	-	120	228	1.9	1
RVBD_0145	-	569	458	0.804920914	1
RVBD_0146	-	134	82	0.611940299	1
RVBD_0147	-	67	93	1.388059701	1
RVBD_0148	-	143	352	2.461538462	1
RVBD_0149	-	68	146	2.147058824	1
RVBD_0150c	-	13	21	1.615384615	1
RVBD_0151c	PE1	12	24	2	1
RVBD_0152c	PE2	10	30	3	1
RVBD_0153c	ptbB	38	96	2.526315789	1
RVBD_0154c	fadE2	75	96	1.28	1
RVBD_0155	pntAa	37	17	0.459459459	1
RVBD_0156	pntAb	52	29	0.557692308	1
RVBD_0157	pntB	57	36	0.631578947	1
RVBD_0157A	-	116	289	2.49137931	1
RVBD_0158	-	98	65	0.663265306	1
RVBD_0159c	PE3	5	15	3	1
RVBD_0160c	PE4	2	9	4.5	1
RVBD_0161	-	8	9	1.125	1
RVBD_0162c	adhE1	5	6	1.2	1
RVBD_0163	-	33	42	1.272727273	1
RVBD_0164	TB18.5	766	654	0.853785901	1
RVBD_0165c	-	18	121	6.722222222	1
RVBD_0166	fadD5	88	240	2.727272727	1
RVBD_0167	yrbE1A	27	93	3.444444444	1
RVBD_0168	yrbE1B	28	129	4.607142857	1
RVBD_0169	mce1A	40	242	6.05	0.345311778
RVBD_0170	mce1B	43	253	5.88372093	0.792001726
RVBD_0171	mce1C	35	199	5.685714286	0.400356829
RVBD_0172	mce1D	40	202	5.05	1
RVBD_0173	lprK	38	188	4.947368421	1
RVBD_0174	mce1F	129	319	2.472868217	1
RVBD_0175	-	310	273	0.880645161	1
RVBD_0176	-	140	132	0.942857143	1
RVBD_0177	-	765	737	0.963398693	1
RVBD_0178	-	427	497	1.163934426	1
RVBD_0179c	lprO	211	100	0.473933649	1
RVBD_0180c	-	32	47	1.46875	1
RVBD_0181c	-	79	102	1.291139241	1
RVBD_0182c	sigG	75	55	0.733333333	1
RVBD_0183	-	38	20	0.526315789	1
RVBD_0184	-	104	57	0.548076923	1
RVBD_0185	-	64	41	0.640625	1
RVBD_0186	bglS	69	46	0.666666667	1
RVBD_0186Ac	-	53	13	0.245283019	1
RVBD_0187	-	46	36	0.782608696	1
RVBD_0188	-	100	325	3.25	1
RVBD_0189c	ilvD	61	43	0.704918033	1
RVBD_0190	-	312	178	0.570512821	1
RVBD_0191	-	22	25	1.136363636	1
RVBD_0192	-	47	53	1.127659574	1
RVBD_0192A	-	44	37	0.840909091	1
RVBD_0193c	-	7	17	2.428571429	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0194	-	1	3	3	1
RVBD_0195	-	1	4	4	1
RVBD_0196	-	14	9	0.642857143	1
RVBD_0197	-	12	17	1.416666667	1
RVBD_0198c	-	131	99	0.755725191	1
RVBD_0199	-	31	26	0.838709677	1
RVBD_0200	-	49	40	0.816326531	1
RVBD_0201c	-	106	89	0.839622642	1
RVBD_0202c	mmpL11	69	76	1.101449275	1
RVBD_0203	-	153	64	0.418300654	1
RVBD_0204c	-	38	25	0.657894737	1
RVBD_0205	-	13	14	1.076923077	1
RVBD_0206c	mmpL3	237	177	0.746835443	1
RVBD_0207c	-	154	122	0.792207792	1
RVBD_0208c	trmB	201	172	0.855721393	1
RVBD_0209	-	13	14	1.076923077	1
RVBD_0210	-	16	27	1.6875	1
RVBD_0211	pckA	601	1339	2.227953411	1
RVBD_0212c	nadR	10	25	2.5	1
RVBD_0213c	-	6	10	1.666666667	1
RVBD_0214	fadD4	17	18	1.058823529	1
RVBD_0215c	fadE3	34	20	0.588235294	1
RVBD_0216	-	24	29	1.208333333	1
RVBD_0217c	lipW	13	19	1.461538462	1
RVBD_0218	-	6	16	2.666666667	1
RVBD_0219	-	3	8	2.666666667	1
RVBD_0220	lipC	113	166	1.469026549	1
RVBD_0221	-	62	80	1.290322581	1
RVBD_0222	echA1	46	92	2	1
RVBD_0223c	-	16	47	2.9375	1
RVBD_0224c	-	4	6	1.5	1
RVBD_0225	-	49	41	0.836734694	1
RVBD_0226c	-	13	9	0.692307692	1
RVBD_0227c	-	177	167	0.943502825	1
RVBD_0228	-	17	15	0.882352941	1
RVBD_0229Ac	-	117	111	0.948717949	1
RVBD_0229c	-	28	29	1.035714286	1
RVBD_0230c	php	25	60	2.4	1
RVBD_0231	fadE4	27	61	2.259259259	1
RVBD_0232	-	51	36	0.705882353	1
RVBD_0233	nrdB	33	26	0.787878788	1
RVBD_0234c	gabD1	34	36	1.058823529	1
RVBD_0235c	-	10	16	1.6	1
RVBD_0236A	-	131	78	0.595419847	1
RVBD_0236c	-	19	9	0.473684211	1
RVBD_0237	lpqI	55	24	0.436363636	1
RVBD_0238	-	232	138	0.594827586	1
RVBD_0239	-	279	184	0.659498208	1
RVBD_0240	-	45	18	0.4	1
RVBD_0241c	-	91	60	0.659340659	1
RVBD_0242c	fabG	58	27	0.465517241	1
RVBD_0243	fadA2	152	91	0.598684211	1
RVBD_0244c	fadE5	184	77	0.418478261	1
RVBD_0245	-	60	62	1.033333333	1
RVBD_0246	-	20	32	1.6	1
RVBD_0247c	-	318	395	1.242138365	1
RVBD_0248c	sdhA	304	295	0.970394737	1
RVBD_0249c	-	240	184	0.766666667	1
RVBD_0250c	-	222	394	1.774774775	1
RVBD_0251c	hsp	163	56	0.343558282	1
RVBD_0252	nirB	212	43	0.202830189	0.021220042
RVBD_0253	nirD	148	22	0.148648649	1
RVBD_0254c	cobU	9	17	1.888888889	1
RVBD_0255c	cobQ1	15	35	2.333333333	1
RVBD_0256c	PPE2	31	80	2.580645161	1
RVBD_0257	-	32	32	1	1
RVBD_0258c	-	4	10	2.5	1
RVBD_0259c	-	9	7	0.777777778	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0260c	-	9	4	0.444444444	1
RVBD_0261c	narK3	12	12	1	1
RVBD_0262c	aac	305	141	0.462295082	1
RVBD_0263c	-	144	42	0.291666667	1
RVBD_0264c	-	169	38	0.224852071	1
RVBD_0265c	-	49	32	0.653061224	1
RVBD_0266c	oplA	15	18	1.2	1
RVBD_0267	narU	2	5	2.5	1
RVBD_0268c	-	366	507	1.385245902	1
RVBD_0269c	-	14	24	1.714285714	1
RVBD_0270	fadD2	120	137	1.141666667	1
RVBD_0271c	fadE6	31	37	1.193548387	1
RVBD_0272c	-	40	119	2.975	1
RVBD_0273c	-	26	72	2.769230769	1
RVBD_0274	-	20	25	1.25	1
RVBD_0275c	-	24	37	1.541666667	1
RVBD_0276	-	64	198	3.09375	1
RVBD_0277Ac	-	354	394	1.11299435	1
RVBD_0277c	-	130	118	0.907692308	1
RVBD_0278c	PE_PGRS3	14	12	0.857142857	1
RVBD_0279c	PE_PGRS4	37	31	0.837837838	1
RVBD_0280	PPE3	265	2346	8.852830189	6.05E-05
RVBD_0281	-	506	2876	5.683794466	0.105746955
RVBD_0282	-	1493	2353	1.576021433	1
RVBD_0283	-	451	682	1.512195122	1
RVBD_0284	-	435	875	2.011494253	1
RVBD_0285	PE5	707	2113	2.988684583	1
RVBD_0286	PPE4	352	2033	5.775568182	0.017291284
RVBD_0287	esxG	748	5758	7.697860963	3.06E-04
RVBD_0288	esxH	565	4937	8.738053097	2.82E-06
RVBD_0289	-	383	2329	6.080939948	0.217365945
RVBD_0290	-	127	458	3.606299213	1
RVBD_0291	mycP3	118	359	3.042372881	1
RVBD_0292	-	63	327	5.19047619	1
RVBD_0293c	-	36	66	1.833333333	1
RVBD_0294	tam	7	14	2	1
RVBD_0295c	-	34	28	0.823529412	1
RVBD_0296c	-	37	27	0.72972973	1
RVBD_0297	PE_PGRS5	119	192	1.613445378	1
RVBD_0298	-	1033	791	0.765730881	1
RVBD_0299	-	295	211	0.715254237	1
RVBD_0300	-	173	147	0.849710983	1
RVBD_0301	-	159	98	0.616352201	1
RVBD_0302	-	89	34	0.382022472	1
RVBD_0303	-	31	21	0.677419355	1
RVBD_0304c	PPE5	4	43	10.75	0.865280261
RVBD_0305c	PPE6	9	58	6.444444444	1
RVBD_0306	-	5	9	1.8	1
RVBD_0307c	-	29	81	2.793103448	1
RVBD_0308	-	54	55	1.018518519	1
RVBD_0309	-	213	355	1.666666667	1
RVBD_0310c	-	8	12	1.5	1
RVBD_0311	-	8	13	1.625	1
RVBD_0312	-	22	32	1.454545455	1
RVBD_0313	-	185	175	0.945945946	1
RVBD_0314c	-	126	175	1.388888889	1
RVBD_0315	-	356	174	0.488764045	1
RVBD_0316	-	46	32	0.695652174	1
RVBD_0317c	glpQ2	64	62	0.96875	1
RVBD_0318c	-	6	14	2.333333333	1
RVBD_0319	pcp	20	18	0.9	1
RVBD_0320	-	5	11	2.2	1
RVBD_0321	dcd	13	20	1.538461538	1
RVBD_0322	udgA	6	17	2.833333333	1
RVBD_0323c	-	12	15	1.25	1
RVBD_0324	-	8	6	0.75	1
RVBD_0325	-	4	2	0.5	1
RVBD_0326	-	14	10	0.714285714	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0327c	cyp135A1	1	11	11	1
RVBD_0328	-	8	6	0.75	1
RVBD_0329c	-	3	6	2	1
RVBD_0330c	-	3	4	1.333333333	1
RVBD_0331	-	15	15	1	1
RVBD_0332	-	51	60	1.176470588	1
RVBD_0333	-	50	94	1.88	1
RVBD_0334	rmlA	30	55	1.833333333	1
RVBD_0335c	PE6	6	13	2.166666667	1
RVBD_0336	-	166	55	0.331325301	1
RVBD_0337c	aspC	128	126	0.984375	1
RVBD_0338c	-	167	191	1.143712575	1
RVBD_0339c	-	18	19	1.055555556	1
RVBD_0340	-	175	122	0.697142857	1
RVBD_0341	iniB	1213	128	0.105523495	8.73E-13
RVBD_0342	iniA	615	102	0.165853659	3.30E-04
RVBD_0343	iniC	92	32	0.347826087	1
RVBD_0344c	lpqJ	15	26	1.733333333	1
RVBD_0345	-	34	49	1.441176471	1
RVBD_0346c	ansP2	68	88	1.294117647	1
RVBD_0347	-	45	66	1.466666667	1
RVBD_0348	-	37	84	2.27027027	1
RVBD_0349	-	17	47	2.764705882	1
RVBD_0350	dnaK	493	258	0.523326572	1
RVBD_0351	grpE	689	365	0.529753266	1
RVBD_0352	dnaJ1	288	155	0.538194444	1
RVBD_0353	hspR	261	235	0.900383142	1
RVBD_0354c	PPE7	3	14	4.666666667	1
RVBD_0355c	PPE8	9	30	3.333333333	1
RVBD_0356c	-	12	20	1.666666667	1
RVBD_0357c	purA	45	23	0.511111111	1
RVBD_0358	-	8	6	0.75	1
RVBD_0359	-	5	8	1.6	1
RVBD_0360c	-	19	57	3	1
RVBD_0361	-	166	291	1.753012048	1
RVBD_0362	mgtE	14	28	2	1
RVBD_0363c	fba	121	139	1.148760331	1
RVBD_0364	-	96	106	1.104166667	1
RVBD_0365c	-	20	23	1.15	1
RVBD_0366c	-	20	19	0.95	1
RVBD_0367c	-	87	64	0.735632184	1
RVBD_0368c	-	1	3	3	1
RVBD_0369c	-	31	46	1.483870968	1
RVBD_0370c	-	14	27	1.928571429	1
RVBD_0371c	-	1	3	3	1
RVBD_0372c	-	1	8	8	1
RVBD_0373c	-	5	16	3.2	1
RVBD_0374c	-	3	14	4.666666667	1
RVBD_0375c	-	1	5	5	1
RVBD_0376c	-	7	16	2.285714286	1
RVBD_0377	-	7	17	2.428571429	1
RVBD_0378	-	3	7	2.333333333	1
RVBD_0379	secE2	60	114	1.9	1
RVBD_0380c	-	13	15	1.153846154	1
RVBD_0381c	-	10	11	1.1	1
RVBD_0382c	pyrE	91	77	0.846153846	1
RVBD_0383c	-	304	174	0.572368421	1
RVBD_0384c	clpB	48	87	1.8125	1
RVBD_0385	-	6	9	1.5	1
RVBD_0386	-	23	20	0.869565217	1
RVBD_0387c	-	11	13	1.181818182	1
RVBD_0389	purT	18	29	1.611111111	1
RVBD_0390	-	46	38	0.826086957	1
RVBD_0391	metZ	48	53	1.104166667	1
RVBD_0392c	ndhA	35	51	1.457142857	1
RVBD_0393	-	1	4	4	1
RVBD_0394c	-	22	25	1.136363636	1
RVBD_0395	-	3	8	2.666666667	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0396	-	3	21	7	1
RVBD_0397	-	1	13	13	1
RVBD_0397A	-	34	101	2.970588235	1
RVBD_0398c	-	10	23	2.3	1
RVBD_0399c	lpqK	28	44	1.571428571	1
RVBD_0400c	fadE7	44	38	0.863636364	1
RVBD_0401	-	14	22	1.571428571	1
RVBD_0402c	mmpL1	32	48	1.5	1
RVBD_0403c	mmpS1	13	8	0.615384615	1
RVBD_0404	fadD30	38	47	1.236842105	1
RVBD_0405	pks6	39	41	1.051282051	1
RVBD_0406c	-	12	17	1.416666667	1
RVBD_0407	fgd1	41	61	1.487804878	1
RVBD_0408	pta	32	53	1.65625	1
RVBD_0409	ackA	52	68	1.307692308	1
RVBD_0410c	pknG	54	72	1.333333333	1
RVBD_0411c	glnH	57	65	1.140350877	1
RVBD_0412c	-	85	66	0.776470588	1
RVBD_0413	mutT3	58	34	0.586206897	1
RVBD_0414c	thiE	12	10	0.833333333	1
RVBD_0415	thiO	23	28	1.217391304	1
RVBD_0416	thiS	18	47	2.611111111	1
RVBD_0417	thiG	7	21	3	1
RVBD_0418	lpqL	112	73	0.651785714	1
RVBD_0419	lpqM	77	91	1.181818182	1
RVBD_0420c	-	59	57	0.966101695	1
RVBD_0421c	-	14	35	2.5	1
RVBD_0422c	thiD	46	91	1.97826087	1
RVBD_0423c	thiC	285	402	1.410526316	1
RVBD_0424c	-	306	563	1.839869281	1
RVBD_0425c	ctpH	75	110	1.466666667	1
RVBD_0426c	-	511	885	1.731898239	1
RVBD_0427c	xthA	33	41	1.242424242	1
RVBD_0428c	-	17	16	0.941176471	1
RVBD_0429c	def	25	19	0.76	1
RVBD_0430	-	99	86	0.868686869	1
RVBD_0431	-	88	50	0.568181818	1
RVBD_0432	sodC	104	83	0.798076923	1
RVBD_0433	-	101	110	1.089108911	1
RVBD_0434	-	46	58	1.260869565	1
RVBD_0435c	-	25	28	1.12	1
RVBD_0436c	pssA	39	41	1.051282051	1
RVBD_0437c	psd	51	43	0.843137255	1
RVBD_0438c	moeA2	31	18	0.580645161	1
RVBD_0439c	-	31	29	0.935483871	1
RVBD_0440	groEL	526	1017	1.933460076	1
RVBD_0441c	-	20	22	1.1	1
RVBD_0442c	PPE10	30	44	1.466666667	1
RVBD_0443	-	148	116	0.783783784	1
RVBD_0444c	-	67	56	0.835820896	1
RVBD_0445c	sigK	130	79	0.607692308	1
RVBD_0446c	-	37	42	1.135135135	1
RVBD_0447c	ufaA1	11	17	1.545454545	1
RVBD_0448c	-	5	5	1	1
RVBD_0449c	-	9	7	0.777777778	1
RVBD_0450c	mmpL4	113	93	0.82300885	1
RVBD_0451c	mmpS4	141	90	0.638297872	1
RVBD_0452	-	10	8	0.8	1
RVBD_0453	PPE11	3	8	2.666666667	1
RVBD_0454	-	6	18	3	1
RVBD_0455c	-	278	366	1.316546763	1
RVBD_0456A	-	14	21	1.5	1
RVBD_0456B	-	64	108	1.6875	1
RVBD_0456c	echA2	7	18	2.571428571	1
RVBD_0457c	-	21	36	1.714285714	1
RVBD_0458	-	26	68	2.615384615	1
RVBD_0459	-	18	58	3.222222222	1
RVBD_0460	-	46	52	1.130434783	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0461	-	47	53	1.127659574	1
RVBD_0462	lpd	355	177	0.498591549	1
RVBD_0463	-	90	70	0.777777778	1
RVBD_0464c	-	127	176	1.385826772	1
RVBD_0465c	-	31	45	1.451612903	1
RVBD_0466	-	121	65	0.537190083	1
RVBD_0467	icl	550	214	0.389090909	1
RVBD_0468	fadB2	138	85	0.615942029	1
RVBD_0469	umaA	597	390	0.653266332	1
RVBD_0470A	-	47	70	1.489361702	1
RVBD_0470c	pcaA	142	156	1.098591549	1
RVBD_0471c	-	46	56	1.217391304	1
RVBD_0472c	-	112	66	0.589285714	1
RVBD_0473	-	44	35	0.795454545	1
RVBD_0474	-	182	204	1.120879121	1
RVBD_0475	hbhA	230	191	0.830434783	1
RVBD_0476	-	230	186	0.808695652	1
RVBD_0477	-	87	88	1.011494253	1
RVBD_0478	deoC	50	61	1.22	1
RVBD_0479c	-	294	410	1.394557823	1
RVBD_0480c	-	189	146	0.772486772	1
RVBD_0481c	-	40	26	0.65	1
RVBD_0482	murB	19	12	0.631578947	1
RVBD_0483	lprQ	240	143	0.595833333	1
RVBD_0484c	-	25	29	1.16	1
RVBD_0485	-	170	92	0.541176471	1
RVBD_0486	-	202	87	0.430693069	1
RVBD_0487	-	109	114	1.04587156	1
RVBD_0488	-	10	10	1	1
RVBD_0489	gpm1	140	62	0.442857143	1
RVBD_0490	senX3	302	265	0.877483444	1
RVBD_0491	regX3	184	213	1.157608696	1
RVBD_0492A	-	6	9	1.5	1
RVBD_0492c	-	13	9	0.692307692	1
RVBD_0493c	-	18	11	0.611111111	1
RVBD_0494	-	4	5	1.25	1
RVBD_0495c	-	107	41	0.38317757	1
RVBD_0496	-	138	102	0.739130435	1
RVBD_0497	-	79	77	0.974683544	1
RVBD_0498	-	23	25	1.086956522	1
RVBD_0499	-	17	25	1.470588235	1
RVBD_0500	proC	145	83	0.572413793	1
RVBD_0500A	-	161	193	1.198757764	1
RVBD_0500B	-	366	536	1.464480874	1
RVBD_0501	galE2	249	222	0.891566265	1
RVBD_0502	-	213	285	1.338028169	1
RVBD_0503c	cmaA2	234	241	1.02991453	1
RVBD_0504c	-	72	71	0.986111111	1
RVBD_0505c	serB1	111	124	1.117117117	1
RVBD_0506	mmpS2	73	129	1.767123288	1
RVBD_0507	mmpL2	52	69	1.326923077	1
RVBD_0508	-	116	84	0.724137931	1
RVBD_0509	hemA	336	252	0.75	1
RVBD_0510	hemC	611	297	0.48608838	1
RVBD_0511	hemD	235	124	0.527659574	1
RVBD_0512	hemB	459	166	0.361655773	1
RVBD_0513	-	356	130	0.365168539	1
RVBD_0514	-	66	34	0.515151515	1
RVBD_0515	-	181	58	0.320441989	1
RVBD_0516c	-	1266	635	0.501579779	1
RVBD_0517	-	54	56	1.037037037	1
RVBD_0518	-	18	35	1.944444444	1
RVBD_0519c	-	58	27	0.465517241	1
RVBD_0520	-	11	17	1.545454545	1
RVBD_0521	-	8	10	1.25	1
RVBD_0522	gabP	21	48	2.285714286	1
RVBD_0523c	-	13	37	2.846153846	1
RVBD_0524	hemL	74	31	0.418918919	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0525	-	154	68	0.441558442	1
RVBD_0526	-	92	39	0.423913043	1
RVBD_0527	ccdA	141	60	0.425531915	1
RVBD_0528	-	72	32	0.444444444	1
RVBD_0529	ccsA	66	33	0.5	1
RVBD_0530	-	179	292	1.631284916	1
RVBD_0530Ac	-	276	485	1.757246377	1
RVBD_0531	-	61	76	1.245901639	1
RVBD_0532	PE_PGRS6	25	24	0.96	1
RVBD_0533c	fabH	51	44	0.862745098	1
RVBD_0534c	menA	45	30	0.666666667	1
RVBD_0535	pnp	12	21	1.75	1
RVBD_0536	galE3	8	7	0.875	1
RVBD_0537c	-	31	50	1.612903226	1
RVBD_0538	-	45	38	0.844444444	1
RVBD_0539	-	16	15	0.9375	1
RVBD_0540	-	17	18	1.058823529	1
RVBD_0541c	-	34	16	0.470588235	1
RVBD_0542c	menE	42	30	0.714285714	1
RVBD_0543c	-	889	882	0.992125984	1
RVBD_0544c	-	116	98	0.844827586	1
RVBD_0545c	pitA	273	162	0.593406593	1
RVBD_0546c	-	59	43	0.728813559	1
RVBD_0547c	-	38	27	0.710526316	1
RVBD_0548c	menB	113	113	1	1
RVBD_0549c	-	14	18	1.285714286	1
RVBD_0550c	-	69	79	1.144927536	1
RVBD_0551c	fadD8	10	12	1.2	1
RVBD_0552	-	12	15	1.25	1
RVBD_0553	menC	7	10	1.428571429	1
RVBD_0554	bpoC	31	22	0.709677419	1
RVBD_0555	menD	45	29	0.644444444	1
RVBD_0556	-	156	116	0.743589744	1
RVBD_0557	pimB	26	40	1.538461538	1
RVBD_0558	ubiE	103	134	1.300970874	1
RVBD_0559c	-	138	120	0.869565217	1
RVBD_0560c	-	22	30	1.363636364	1
RVBD_0561c	-	15	14	0.933333333	1
RVBD_0562	grcC1	143	86	0.601398601	1
RVBD_0563	htpX	99	78	0.787878788	1
RVBD_0564c	gpsA	10	34	3.4	1
RVBD_0565c	-	13	39	3	1
RVBD_0566c	-	20	67	3.35	1
RVBD_0567	-	205	226	1.102439024	1
RVBD_0568	cyp135B1	70	57	0.814285714	1
RVBD_0569	-	728	151	0.207417582	1
RVBD_0570	nrdZ	74	14	0.189189189	1
RVBD_0571c	-	39	14	0.358974359	1
RVBD_0572c	-	315	70	0.222222222	1
RVBD_0573c	-	5	8	1.6	1
RVBD_0574c	-	22	7	0.318181818	1
RVBD_0575c	-	8	12	1.5	1
RVBD_0576	-	48	27	0.5625	1
RVBD_0577	TB27.3	124	86	0.693548387	1
RVBD_0578c	PE_PGRS7	91	68	0.747252747	1
RVBD_0579	-	23	38	1.652173913	1
RVBD_0580c	-	214	472	2.205607477	1
RVBD_0581	-	58	87	1.5	1
RVBD_0582	-	19	27	1.421052632	1
RVBD_0583c	lpqN	68	89	1.308823529	1
RVBD_0584	-	24	19	0.791666667	1
RVBD_0585c	-	7	13	1.857142857	1
RVBD_0586	-	132	75	0.568181818	1
RVBD_0587	yrbE2A	90	75	0.833333333	1
RVBD_0588	yrbE2B	74	74	1	1
RVBD_0589	mce2A	138	136	0.985507246	1
RVBD_0590	mce2B	41	53	1.292682927	1
RVBD_0590A	-	34	47	1.382352941	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0591	mce2C	14	12	0.857142857	1
RVBD_0592	mce2D	4	11	2.75	1
RVBD_0593	lprL	8	15	1.875	1
RVBD_0594	mce2F	22	22	1	1
RVBD_0595c	-	30	17	0.566666667	1
RVBD_0596c	-	30	15	0.5	1
RVBD_0597c	-	17	11	0.647058824	1
RVBD_0598c	-	53	34	0.641509434	1
RVBD_0599c	-	45	37	0.822222222	1
RVBD_0600c	-	2	23	11.5	1
RVBD_0601c	-	1	12	12	1
RVBD_0602c	tcrA	1	2	2	1
RVBD_0603	-	4	14	3.5	1
RVBD_0604	lpqO	41	43	1.048780488	1
RVBD_0605	-	64	31	0.484375	1
RVBD_0606	-	53	26	0.490566038	1
RVBD_0607	-	24	13	0.541666667	1
RVBD_0608	-	198	133	0.671717172	1
RVBD_0609	-	79	59	0.746835443	1
RVBD_0609A	-	60	58	0.966666667	1
RVBD_0610c	-	23	26	1.130434783	1
RVBD_0611c	-	45	74	1.644444444	1
RVBD_0612	-	39	17	0.435897436	1
RVBD_0613c	-	108	74	0.685185185	1
RVBD_0614	-	3	9	3	1
RVBD_0615	-	222	218	0.981981982	1
RVBD_0616A	-	75	52	0.693333333	1
RVBD_0616c	-	5	8	1.6	1
RVBD_0617	-	28	16	0.571428571	1
RVBD_0618	galTa	10	7	0.7	1
RVBD_0619	galTb	11	12	1.090909091	1
RVBD_0620	galK	1	2	2	1
RVBD_0621	-	3	7	2.333333333	1
RVBD_0622	-	2	17	8.5	1
RVBD_0623	-	51	93	1.823529412	1
RVBD_0624	-	51	65	1.274509804	1
RVBD_0625c	-	27	25	0.925925926	1
RVBD_0626	-	295	168	0.569491525	1
RVBD_0627	-	35	22	0.628571429	1
RVBD_0628c	-	33	41	1.242424242	1
RVBD_0629c	recD	9	9	1	1
RVBD_0630c	recB	5	6	1.2	1
RVBD_0631c	recC	4	6	1.5	1
RVBD_0632c	echA3	140	112	0.8	1
RVBD_0633c	-	62	51	0.822580645	1
RVBD_0634A	-	237	295	1.244725738	1
RVBD_0634B	rpmG	1024	846	0.826171875	1
RVBD_0634c	-	71	48	0.676056338	1
RVBD_0635	-	1303	807	0.619339985	1
RVBD_0636	-	312	296	0.948717949	1
RVBD_0637	-	366	355	0.969945355	1
RVBD_0638	secE	1019	497	0.487733072	1
RVBD_0639	nusG	1436	623	0.433844011	1
RVBD_0640	rplK	4276	1619	0.378624883	1
RVBD_0641	rplA	1085	316	0.29124424	1
RVBD_0642c	mmaA4	158	247	1.563291139	1
RVBD_0643c	mmaA3	190	277	1.457894737	1
RVBD_0644c	mmaA2	103	114	1.106796117	1
RVBD_0645c	mmaA1	43	50	1.162790698	1
RVBD_0646c	lipG	122	70	0.573770492	1
RVBD_0647c	-	90	41	0.455555556	1
RVBD_0648	-	2	4	2	1
RVBD_0649	fabD2	3	4	1.333333333	1
RVBD_0650	-	1	2	2	1
RVBD_0651	rplJ	347	144	0.414985591	1
RVBD_0652	rplL	561	351	0.625668449	1
RVBD_0653c	-	15	16	1.066666667	1
RVBD_0654	-	20	10	0.5	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0655	mkl	280	602	2.15	1
RVBD_0656c	-	50	34	0.68	1
RVBD_0657c	-	89	115	1.292134831	1
RVBD_0658c	-	19	17	0.894736842	1
RVBD_0659c	-	253	179	0.707509881	1
RVBD_0660c	-	413	304	0.736077482	1
RVBD_0661c	-	1	2	2	1
RVBD_0662c	-	1	2	2	1
RVBD_0663	atsD	57	42	0.736842105	1
RVBD_0664	-	21	34	1.619047619	1
RVBD_0665	-	29	45	1.551724138	1
RVBD_0666	-	16	22	1.375	1
RVBD_0667	rpoB	1055	260	0.246445498	1
RVBD_0668	rpoC	926	167	0.180345572	0.076297374
RVBD_0669c	-	30	31	1.033333333	1
RVBD_0670	end	159	107	0.672955975	1
RVBD_0671	lpqP	55	55	1	1
RVBD_0672	fadE8	74	70	0.945945946	1
RVBD_0673	echA4	43	35	0.813953488	1
RVBD_0674	-	48	41	0.854166667	1
RVBD_0675	echA5	41	49	1.195121951	1
RVBD_0676c	mmpL5	46	93	2.02173913	1
RVBD_0677c	mmpS5	92	111	1.206521739	1
RVBD_0678	-	53	106	2	1
RVBD_0679c	-	78	125	1.602564103	1
RVBD_0680c	-	30	45	1.5	1
RVBD_0681	-	72	46	0.638888889	1
RVBD_0682	rpsL	972	683	0.702674897	1
RVBD_0683	rpsG	557	473	0.849192101	1
RVBD_0684	fusA1	749	547	0.730307076	1
RVBD_0685	tuf	921	643	0.69815418	1
RVBD_0686	-	180	96	0.533333333	1
RVBD_0687	fabG	43	53	1.23255814	1
RVBD_0688	-	94	100	1.063829787	1
RVBD_0689c	-	1	2	2	1
RVBD_0690c	-	95	47	0.494736842	1
RVBD_0691A	-	72	78	1.083333333	1
RVBD_0691c	-	59	41	0.694915254	1
RVBD_0692	-	158	100	0.632911392	1
RVBD_0693	pqqE	74	50	0.675675676	1
RVBD_0694	lldD1	90	87	0.966666667	1
RVBD_0695	-	31	59	1.903225806	1
RVBD_0696	-	23	95	4.130434783	1
RVBD_0697	-	6	34	5.666666667	1
RVBD_0698	-	21	22	1.047619048	1
RVBD_0699	-	4	1	0.25	1
RVBD_0700	rpsJ	3357	1392	0.414655943	1
RVBD_0701	rplC	2593	932	0.359429233	1
RVBD_0702	rplD	1788	578	0.323266219	1
RVBD_0703	rplW	3010	1062	0.35282392	1
RVBD_0704	rplB	1644	413	0.251216545	0.404131995
RVBD_0705	rpsS	3792	811	0.213871308	0.09700439
RVBD_0706	rplV	597	121	0.202680067	0.144753528
RVBD_0707	rpsC	1759	394	0.223990904	0.173983349
RVBD_0708	rplP	1371	360	0.262582057	0.695044264
RVBD_0709	rpmC	3061	746	0.243711205	0.298130586
RVBD_0710	rpsQ	3222	818	0.253879578	0.458764277
RVBD_0711	atsA	172	67	0.389534884	1
RVBD_0712	-	47	36	0.765957447	1
RVBD_0713	-	43	96	2.23255814	1
RVBD_0714	rplN	729	394	0.540466392	1
RVBD_0715	rplX	962	533	0.554054054	1
RVBD_0716	rplE	1390	826	0.594244604	1
RVBD_0717	rpsN	2579	1161	0.450174486	1
RVBD_0718	rpsH	1162	424	0.364888124	1
RVBD_0719	rplF	1111	416	0.374437444	1
RVBD_0720	rplR	906	247	0.272626932	1
RVBD_0721	rpsE	1267	434	0.342541436	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0722	rpmD	1646	461	0.280072904	1
RVBD_0723	rplO	810	272	0.335802469	1
RVBD_0724	sppA	426	302	0.708920188	1
RVBD_0725c	-	29	22	0.75862069	1
RVBD_0726c	-	69	60	0.869565217	1
RVBD_0727c	fucA	2	6	3	1
RVBD_0728c	serA2	3	4	1.333333333	1
RVBD_0729	xylB	13	13	1	1
RVBD_0730	-	131	117	0.893129771	1
RVBD_0731c	-	14	15	1.071428571	1
RVBD_0732	secY	302	225	0.745033113	1
RVBD_0733	adk	144	126	0.875	1
RVBD_0734	mapA	36	41	1.138888889	1
RVBD_0735	sigL	37	22	0.594594595	1
RVBD_0736	-	14	9	0.642857143	1
RVBD_0737	-	10	8	0.8	1
RVBD_0738	-	35	88	2.514285714	1
RVBD_0739	-	21	32	1.523809524	1
RVBD_0740	-	29	49	1.689655172	1
RVBD_0741	-	122	195	1.598360656	1
RVBD_0742	PE_PGRS8	5	12	2.4	1
RVBD_0743c	-	13	11	0.846153846	1
RVBD_0744Ac	-	2	4	2	1
RVBD_0744c	-	45	46	1.022222222	1
RVBD_0745	-	1	4	4	1
RVBD_0746	PE_PGRS9	7	5	0.714285714	1
RVBD_0747	PE_PGRS10	34	32	0.941176471	1
RVBD_0748	-	53	51	0.962264151	1
RVBD_0749	-	38	27	0.710526316	1
RVBD_0749A	-	88	113	1.284090909	1
RVBD_0750	-	102	88	0.862745098	1
RVBD_0751c	mmsB	22	32	1.454545455	1
RVBD_0752c	fadE9	15	16	1.066666667	1
RVBD_0753c	mmsA	14	19	1.357142857	1
RVBD_0754	PE_PGRS11	3	8	2.666666667	1
RVBD_0755A	-	238	734	3.084033613	1
RVBD_0755c	PPE12	75	157	2.093333333	1
RVBD_0756c	-	56	50	0.892857143	1
RVBD_0757	phoP	153	175	1.14379085	1
RVBD_0758	phoR	26	42	1.615384615	1
RVBD_0759c	-	50	151	3.02	1
RVBD_0760c	-	63	168	2.666666667	1
RVBD_0761c	adhB	67	136	2.029850746	1
RVBD_0762c	-	22	30	1.363636364	1
RVBD_0763c	-	32	53	1.65625	1
RVBD_0764c	cyp51	20	34	1.7	1
RVBD_0765c	-	15	31	2.066666667	1
RVBD_0766c	cyp123	8	15	1.875	1
RVBD_0767c	-	2	8	4	1
RVBD_0768	aldA	16	32	2	1
RVBD_0769	-	22	46	2.090909091	1
RVBD_0770	-	10	30	3	1
RVBD_0771	-	8	28	3.5	1
RVBD_0772	purD	14	22	1.571428571	1
RVBD_0773c	ggtA	38	41	1.078947368	1
RVBD_0774c	-	41	25	0.609756098	1
RVBD_0775	-	42	41	0.976190476	1
RVBD_0776c	-	5	10	2	1
RVBD_0777	purB	132	129	0.977272727	1
RVBD_0778	cyp126	29	40	1.379310345	1
RVBD_0779c	-	3	3	1	1
RVBD_0780	hemH	38	35	0.921052632	1
RVBD_0781	ptrBa	91	90	0.989010989	1
RVBD_0782	ptrBb	19	31	1.631578947	1
RVBD_0783c	emrB	23	38	1.652173913	1
RVBD_0784	-	14	63	4.5	1
RVBD_0785	-	25	50	2	1
RVBD_0786c	-	30	45	1.5	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0787	-	12	11	0.916666667	1
RVBD_0787A	-	265	186	0.701886792	1
RVBD_0788	purQ	65	71	1.092307692	1
RVBD_0789c	-	21	34	1.619047619	1
RVBD_0790c	-	13	13	1	1
RVBD_0791c	-	10	6	0.6	1
RVBD_0792c	-	23	12	0.52173913	1
RVBD_0793	-	2	6	3	1
RVBD_0794c	-	11	16	1.454545455	1
RVBD_0795	-	77	127	1.649350649	1
RVBD_0796	-	61	153	2.508196721	1
RVBD_0797	-	9	23	2.555555556	1
RVBD_0798c	cfp29	42	57	1.357142857	1
RVBD_0799c	-	33	31	0.939393939	1
RVBD_0800	pepC	22	26	1.181818182	1
RVBD_0801	-	26	76	2.923076923	1
RVBD_0802c	-	11	16	1.454545455	1
RVBD_0803	purL	63	37	0.587301587	1
RVBD_0804	-	27	25	0.925925926	1
RVBD_0805	-	518	833	1.608108108	1
RVBD_0806c	cpsY	24	62	2.583333333	1
RVBD_0807	-	11	17	1.545454545	1
RVBD_0808	purF	99	161	1.626262626	1
RVBD_0809	purM	208	231	1.110576923	1
RVBD_0810c	-	602	644	1.069767442	1
RVBD_0811c	-	147	111	0.755102041	1
RVBD_0812	-	57	50	0.877192982	1
RVBD_0813c	-	162	100	0.617283951	1
RVBD_0814c	sseC2	620	467	0.753225806	1
RVBD_0815c	cysA2	597	398	0.666666667	1
RVBD_0816c	thiX	8	6	0.75	1
RVBD_0817c	-	14	13	0.928571429	1
RVBD_0818	-	227	132	0.581497797	1
RVBD_0819	-	76	65	0.855263158	1
RVBD_0820	phoT	49	71	1.448979592	1
RVBD_0821c	phoY2	688	688	1	1
RVBD_0822c	-	145	59	0.406896552	1
RVBD_0823c	-	595	97	0.16302521	1.47E-04
RVBD_0824c	desA1	2042	472	0.231145935	0.796592566
RVBD_0825c	-	43	46	1.069767442	1
RVBD_0826	-	10	10	1	1
RVBD_0827c	-	50	32	0.64	1
RVBD_0828c	-	4	5	1.25	1
RVBD_0829	-	5	7	1.4	1
RVBD_0830	-	12	15	1.25	1
RVBD_0831c	-	329	207	0.629179331	1
RVBD_0832	PE_PGRS12	59	28	0.474576271	1
RVBD_0833	PE_PGRS13	23	4	0.173913043	1
RVBD_0834c	PE_PGRS14	47	53	1.127659574	1
RVBD_0835	lpqQ	30	41	1.366666667	1
RVBD_0836c	-	3	8	2.666666667	1
RVBD_0837c	-	4	19	4.75	1
RVBD_0838	lpqR	8	9	1.125	1
RVBD_0839	-	52	108	2.076923077	1
RVBD_0840c	pip	13	13	1	1
RVBD_0841	-	3	2	0.666666667	1
RVBD_0842	-	11	10	0.909090909	1
RVBD_0843	-	4	6	1.5	1
RVBD_0844c	narL	32	32	1	1
RVBD_0845	-	7	8	1.142857143	1
RVBD_0846c	-	4	11	2.75	1
RVBD_0847	lpqS	13	2	0.153846154	1
RVBD_0848	cysK2	9	6	0.666666667	1
RVBD_0849	-	6	8	1.333333333	1
RVBD_0850	-	4	8	2	1
RVBD_0851c	-	15	24	1.6	1
RVBD_0852	fadD16	8	29	3.625	1
RVBD_0853c	pdc	12	29	2.416666667	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0854	-	50	87	1.74	1
RVBD_0855	far	12	29	2.416666667	1
RVBD_0856	-	225	287	1.275555556	1
RVBD_0857	-	89	105	1.179775281	1
RVBD_0858c	-	9	13	1.444444444	1
RVBD_0859	fadA	127	177	1.393700787	1
RVBD_0860	fadB	184	295	1.60326087	1
RVBD_0861c	ercc3	67	50	0.746268657	1
RVBD_0862c	-	16	17	1.0625	1
RVBD_0863	-	171	175	1.023391813	1
RVBD_0864	moaC	270	167	0.618518519	1
RVBD_0865	mog	81	58	0.716049383	1
RVBD_0866	moaE2	153	140	0.91503268	1
RVBD_0867c	rpfA	225	105	0.466666667	1
RVBD_0868c	moaD2	30	95	3.166666667	1
RVBD_0869c	moaA	31	52	1.677419355	1
RVBD_0870c	-	51	81	1.588235294	1
RVBD_0871	cspB	113	113	1	1
RVBD_0872c	PE_PGRS15	116	128	1.103448276	1
RVBD_0873	fadE10	70	128	1.828571429	1
RVBD_0874c	-	13	28	2.153846154	1
RVBD_0875c	-	38	47	1.236842105	1
RVBD_0876c	-	33	39	1.181818182	1
RVBD_0877	-	129	165	1.279069767	1
RVBD_0878c	PPE13	50	49	0.98	1
RVBD_0879c	-	24	43	1.791666667	1
RVBD_0880	-	10	9	0.9	1
RVBD_0881	-	25	27	1.08	1
RVBD_0882	-	18	31	1.722222222	1
RVBD_0883c	-	47	68	1.446808511	1
RVBD_0884c	serC	73	92	1.260273973	1
RVBD_0885	-	383	283	0.738903394	1
RVBD_0886	fprB	165	283	1.715151515	1
RVBD_0887c	-	11	12	1.090909091	1
RVBD_0888	-	20	63	3.15	1
RVBD_0889c	citA	35	31	0.885714286	1
RVBD_0890c	-	12	21	1.75	1
RVBD_0891c	-	106	104	0.981132075	1
RVBD_0892	-	9	21	2.333333333	1
RVBD_0893c	-	10	10	1	1
RVBD_0894	-	8	18	2.25	1
RVBD_0895	-	2	6	3	1
RVBD_0896	gltA	356	353	0.991573034	1
RVBD_0897c	-	13	17	1.307692308	1
RVBD_0898c	-	356	370	1.039325843	1
RVBD_0899	ompA	39	53	1.358974359	1
RVBD_0900	-	49	62	1.265306122	1
RVBD_0901	-	46	75	1.630434783	1
RVBD_0902c	prrB	30	33	1.1	1
RVBD_0903c	prrA	70	68	0.971428571	1
RVBD_0904c	accD3	13	13	1	1
RVBD_0905	echA6	273	129	0.472527473	1
RVBD_0906	-	96	63	0.65625	1
RVBD_0907	-	42	46	1.095238095	1
RVBD_0908	ctpE	38	37	0.973684211	1
RVBD_0909	-	570	570	1	1
RVBD_0910	-	221	289	1.307692308	1
RVBD_0911	-	12	24	2	1
RVBD_0912	-	11	16	1.454545455	1
RVBD_0913c	-	17	77	4.529411765	1
RVBD_0914c	-	26	73	2.807692308	1
RVBD_0915c	PPE14	2	12	6	1
RVBD_0916c	PE7	4	3	0.75	1
RVBD_0917	betP	29	35	1.206896552	1
RVBD_0918	-	12	20	1.666666667	1
RVBD_0919	-	10	22	2.2	1
RVBD_0920c	-	78	71	0.91025641	1
RVBD_0921	-	95	43	0.452631579	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0922	-	150	98	0.653333333	1
RVBD_0923c	-	17	25	1.470588235	1
RVBD_0924c	mntH	7	14	2	1
RVBD_0925c	-	37	63	1.702702703	1
RVBD_0926c	-	17	32	1.882352941	1
RVBD_0927c	-	6	10	1.666666667	1
RVBD_0928	pstS3	134	248	1.850746269	1
RVBD_0929	pstC2	24	70	2.916666667	1
RVBD_0930	pstA1	21	48	2.285714286	1
RVBD_0931c	pknD	297	269	0.905723906	1
RVBD_0932c	pstS2	716	492	0.687150838	1
RVBD_0933	pstB	265	248	0.935849057	1
RVBD_0934	pstS1	104	162	1.557692308	1
RVBD_0935	pstC1	56	91	1.625	1
RVBD_0936	pstA2	38	78	2.052631579	1
RVBD_0937c	-	52	81	1.557692308	1
RVBD_0938	-	45	36	0.8	1
RVBD_0939	-	61	47	0.770491803	1
RVBD_0940c	-	24	47	1.958333333	1
RVBD_0941c	-	17	32	1.882352941	1
RVBD_0942	-	1	16	16	1
RVBD_0943c	-	1	4	4	1
RVBD_0944	-	36	44	1.222222222	1
RVBD_0945	-	62	53	0.85483871	1
RVBD_0946c	pgi	18	24	1.333333333	1
RVBD_0948c	-	133	171	1.285714286	1
RVBD_0949	uvrD1	31	33	1.064516129	1
RVBD_0950c	-	61	111	1.819672131	1
RVBD_0951	sucC	340	243	0.714705882	1
RVBD_0952	sucD	107	103	0.962616822	1
RVBD_0953c	-	6	13	2.166666667	1
RVBD_0954	-	292	231	0.79109589	1
RVBD_0955	-	69	59	0.855072464	1
RVBD_0956	purN	112	82	0.732142857	1
RVBD_0957	purH	60	47	0.783333333	1
RVBD_0958	-	63	76	1.206349206	1
RVBD_0959	-	66	112	1.696969697	1
RVBD_0959A	-	45	37	0.822222222	1
RVBD_0960	-	37	29	0.783783784	1
RVBD_0961	-	103	105	1.019417476	1
RVBD_0962c	lprP	3	15	5	1
RVBD_0963c	-	9	12	1.333333333	1
RVBD_0964c	-	22	16	0.727272727	1
RVBD_0965c	-	139	157	1.129496403	1
RVBD_0966c	-	73	50	0.684931507	1
RVBD_0967	-	223	198	0.887892377	1
RVBD_0968	-	152	101	0.664473684	1
RVBD_0969	ctpV	35	24	0.685714286	1
RVBD_0970	-	39	30	0.769230769	1
RVBD_0971c	echA7	14	7	0.5	1
RVBD_0972c	fadE12	68	38	0.558823529	1
RVBD_0973c	accA2	49	15	0.306122449	1
RVBD_0974c	accD2	46	12	0.260869565	1
RVBD_0975c	fadE13	64	10	0.15625	1
RVBD_0976c	-	45	7	0.155555556	1
RVBD_0977	PE_PGRS16	23	22	0.956521739	1
RVBD_0978c	PE_PGRS17	2	6	3	1
RVBD_0979A	rpmF	344	265	0.770348837	1
RVBD_0979c	-	1	3	3	1
RVBD_0980c	PE_PGRS18	5	6	1.2	1
RVBD_0981	mprA	103	109	1.058252427	1
RVBD_0982	mprB	310	207	0.667741935	1
RVBD_0983	pepD	346	202	0.583815029	1
RVBD_0984	moaB2	309	241	0.779935275	1
RVBD_0985c	mscL	35	45	1.285714286	1
RVBD_0986	-	50	41	0.82	1
RVBD_0987	-	49	85	1.734693878	1
RVBD_0988	-	76	147	1.934210526	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_0989c	grcC2	10	13	1.3	1
RVBD_0990c	-	9	19	2.111111111	1
RVBD_0991c	-	124	287	2.314516129	1
RVBD_0992c	-	40	32	0.8	1
RVBD_0993	galU	39	44	1.128205128	1
RVBD_0994	moeA1	64	81	1.265625	1
RVBD_0995	rimJ	18	38	2.111111111	1
RVBD_0996	-	77	51	0.662337662	1
RVBD_0997	-	186	45	0.241935484	1
RVBD_0998	-	109	32	0.293577982	1
RVBD_0999	-	24	21	0.875	1
RVBD_1000c	-	38	20	0.526315789	1
RVBD_1001	arcA	32	22	0.6875	1
RVBD_1002c	-	34	32	0.941176471	1
RVBD_1003	-	25	23	0.92	1
RVBD_1004c	-	9	12	1.333333333	1
RVBD_1005c	pabB	22	25	1.136363636	1
RVBD_1006	-	124	144	1.161290323	1
RVBD_1007c	metG	58	43	0.74137931	1
RVBD_1008	tatD	10	6	0.6	1
RVBD_1009	rpfB	143	93	0.65034965	1
RVBD_1010	ksgA	50	45	0.9	1
RVBD_1011	ispE	15	14	0.933333333	1
RVBD_1012	-	12	16	1.333333333	1
RVBD_1013	pks16	36	58	1.611111111	1
RVBD_1014c	pth	91	59	0.648351648	1
RVBD_1015c	rplY	232	140	0.603448276	1
RVBD_1016c	lpqT	54	94	1.740740741	1
RVBD_1017c	prsA	191	212	1.109947644	1
RVBD_1018c	glmU	48	61	1.270833333	1
RVBD_1019	-	97	100	1.030927835	1
RVBD_1020	mfd	40	33	0.825	1
RVBD_1021	-	101	126	1.247524752	1
RVBD_1022	lpqU	28	40	1.428571429	1
RVBD_1023	eno	66	89	1.348484848	1
RVBD_1024	-	45	69	1.533333333	1
RVBD_1025	-	29	35	1.206896552	1
RVBD_1026	-	8	13	1.625	1
RVBD_1027c	kdpE	4	46	11.5	1
RVBD_1028A	kdpF	15	739	49.26666667	1.33E-20
RVBD_1028c	kdpD	8	38	4.75	1
RVBD_1029	kdpA	9	787	87.44444444	1.59E-48
RVBD_1030	kdpB	5	470	94	5.49E-44
RVBD_1031	kdpC	16	592	37	4.19E-04
RVBD_1032c	trcS	13	56	4.307692308	1
RVBD_1033c	trcR	15	73	4.866666667	1
RVBD_1034c	-	3	3	1	1
RVBD_1035c	-	6	10	1.666666667	1
RVBD_1036c	-	16	23	1.4375	1
RVBD_1037c	esxI	227	872	3.841409692	1
RVBD_1038c	esxJ	1051	2547	2.42340628	1
RVBD_1039c	PPE15	22	81	3.681818182	1
RVBD_1040c	PE8	65	214	3.292307692	1
RVBD_1041c	-	202	248	1.227722772	1
RVBD_1042c	-	283	309	1.091872792	1
RVBD_1043c	-	113	51	0.451327434	1
RVBD_1044	-	16	10	0.625	1
RVBD_1045	-	14	22	1.571428571	1
RVBD_1046c	-	492	556	1.130081301	1
RVBD_1047	-	115	91	0.791304348	1
RVBD_1048c	-	19	20	1.052631579	1
RVBD_1049	-	28	31	1.107142857	1
RVBD_1050	-	1	7	7	1
RVBD_1051c	-	1	9	9	1
RVBD_1052	-	32	36	1.125	1
RVBD_1053c	-	1	9	9	1
RVBD_1054	-	63	57	0.904761905	1
RVBD_1055	-	122	121	0.991803279	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1056	-	27	33	1.222222222	1
RVBD_1057	-	251	37	0.147410359	0.037445961
RVBD_1058	fadD14	40	30	0.75	1
RVBD_1059	-	55	99	1.8	1
RVBD_1060	-	29	29	1	1
RVBD_1061	-	95	77	0.810526316	1
RVBD_1062	-	10	13	1.3	1
RVBD_1063c	-	21	22	1.047619048	1
RVBD_1064c	lpqV	28	33	1.178571429	1
RVBD_1065	-	204	104	0.509803922	1
RVBD_1066	-	53	19	0.358490566	1
RVBD_1067c	PE_PGRS19	12	3	0.25	1
RVBD_1068c	PE_PGRS20	5	7	1.4	1
RVBD_1069c	-	29	61	2.103448276	1
RVBD_1070c	echA8	37	56	1.513513514	1
RVBD_1071c	echA9	36	33	0.916666667	1
RVBD_1072	-	1396	1186	0.849570201	1
RVBD_1073	-	990	815	0.823232323	1
RVBD_1074c	fadA3	94	150	1.595744681	1
RVBD_1075c	-	6	8	1.333333333	1
RVBD_1076	lipU	60	36	0.6	1
RVBD_1077	cbs	55	37	0.672727273	1
RVBD_1078	pra	152	213	1.401315789	1
RVBD_1079	metB	74	156	2.108108108	1
RVBD_1080c	greA	803	360	0.448318804	1
RVBD_1081c	-	23	23	1	1
RVBD_1082	mca	86	68	0.790697674	1
RVBD_1083	-	55	60	1.090909091	1
RVBD_1084	-	16	11	0.6875	1
RVBD_1085c	-	42	32	0.761904762	1
RVBD_1086	-	43	39	0.906976744	1
RVBD_1087	PE_PGRS21	28	37	1.321428571	1
RVBD_1087A	-	4	5	1.25	1
RVBD_1088	PE9	7	6	0.857142857	1
RVBD_1089	PE10	6	7	1.166666667	1
RVBD_1089A	celA2a	10	8	0.8	1
RVBD_1090	celA2b	23	16	0.695652174	1
RVBD_1091	PE_PGRS22	76	31	0.407894737	1
RVBD_1092c	coaA	29	37	1.275862069	1
RVBD_1093	glyA	93	52	0.559139785	1
RVBD_1094	desA2	7262	1701	0.234232994	0.821399028
RVBD_1095	phoH2	485	163	0.336082474	1
RVBD_1096	-	171	118	0.69005848	1
RVBD_1097c	-	95	118	1.242105263	1
RVBD_1098c	fumC	127	109	0.858267717	1
RVBD_1099c	glpX	263	119	0.452471483	1
RVBD_1100	-	60	59	0.983333333	1
RVBD_1101c	-	45	54	1.2	1
RVBD_1102c	-	108	141	1.305555556	1
RVBD_1103c	-	77	79	1.025974026	1
RVBD_1104	-	21	19	0.904761905	1
RVBD_1105	-	5	7	1.4	1
RVBD_1106c	-	42	37	0.880952381	1
RVBD_1107c	xseB	633	534	0.843601896	1
RVBD_1108c	xseA	72	59	0.819444444	1
RVBD_1109c	-	314	298	0.949044586	1
RVBD_1110	ispH	129	106	0.821705426	1
RVBD_1111c	-	91	53	0.582417582	1
RVBD_1112	-	21	19	0.904761905	1
RVBD_1113	-	217	274	1.262672811	1
RVBD_1114	-	27	42	1.555555556	1
RVBD_1115	-	12	28	2.333333333	1
RVBD_1116	-	6	14	2.333333333	1
RVBD_1116A	-	34	85	2.5	1
RVBD_1117	-	213	169	0.79342723	1
RVBD_1118c	-	15	22	1.466666667	1
RVBD_1119c	-	1	3	3	1
RVBD_1120c	-	1	7	7	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1121	zwf1	52	38	0.730769231	1
RVBD_1122	gnd2	72	51	0.708333333	1
RVBD_1123c	bpoB	31	31	1	1
RVBD_1124	ephC	10	11	1.1	1
RVBD_1125	-	4	8	2	1
RVBD_1126c	-	35	46	1.314285714	1
RVBD_1127c	ppdK	81	78	0.962962963	1
RVBD_1128c	-	28	16	0.571428571	1
RVBD_1129c	-	84	12	0.142857143	1
RVBD_1130	-	412	63	0.152912621	1.68E-04
RVBD_1131	gltA1	169	47	0.278106509	1
RVBD_1132	-	44	25	0.568181818	1
RVBD_1133c	metE	250	219	0.876	1
RVBD_1134	-	7	19	2.714285714	1
RVBD_1135A	-	1	19	19	1
RVBD_1135c	PPE16	8	31	3.875	1
RVBD_1136	-	4	6	1.5	1
RVBD_1137c	-	4	18	4.5	1
RVBD_1138c	-	14	33	2.357142857	1
RVBD_1139c	-	30	50	1.666666667	1
RVBD_1140	-	30	40	1.333333333	1
RVBD_1141c	echA11	25	30	1.2	1
RVBD_1142c	echA10	36	12	0.333333333	1
RVBD_1143	mcr	29	27	0.931034483	1
RVBD_1144	-	23	24	1.043478261	1
RVBD_1144Ac	-	1027	733	0.713729309	1
RVBD_1145	mmpL13a	9	14	1.555555556	1
RVBD_1146	mmpL13b	5	8	1.6	1
RVBD_1147	-	7	12	1.714285714	1
RVBD_1148c	-	89	89	1	1
RVBD_1151c	-	28	29	1.035714286	1
RVBD_1152	-	38	60	1.578947368	1
RVBD_1153c	omt	6	13	2.166666667	1
RVBD_1154c	-	38	34	0.894736842	1
RVBD_1155	-	87	116	1.333333333	1
RVBD_1156	-	454	286	0.629955947	1
RVBD_1157c	-	37	48	1.297297297	1
RVBD_1158c	-	142	119	0.838028169	1
RVBD_1159	pimE	51	74	1.450980392	1
RVBD_1159A	phhB	255	306	1.2	1
RVBD_1160	mutT2	29	19	0.655172414	1
RVBD_1161	narG	264	243	0.920454545	1
RVBD_1162	narH	398	482	1.211055276	1
RVBD_1163	narJ	70	115	1.642857143	1
RVBD_1164	narI	85	123	1.447058824	1
RVBD_1165	typA	59	61	1.033898305	1
RVBD_1166	lpqW	42	43	1.023809524	1
RVBD_1167c	-	144	106	0.736111111	1
RVBD_1168c	PPE17	409	194	0.474327628	1
RVBD_1169c	PE11	333	139	0.417417417	1
RVBD_1170	mshB	43	28	0.651162791	1
RVBD_1171	-	54	144	2.666666667	1
RVBD_1172c	PE12	262	313	1.194656489	1
RVBD_1173	fbiC	93	83	0.892473118	1
RVBD_1174c	TB8.4	374	364	0.973262032	1
RVBD_1175c	fadH	74	50	0.675675676	1
RVBD_1176c	-	124	41	0.330645161	1
RVBD_1177	fdxC	2480	454	0.183064516	0.014313578
RVBD_1178	-	553	68	0.122965642	3.39E-06
RVBD_1179c	-	28	36	1.285714286	1
RVBD_1181	pks4	60	290	4.833333333	1
RVBD_1182	papA3	59	443	7.508474576	0.072452108
RVBD_1183	mmpL10	42	319	7.595238095	2.79E-04
RVBD_1184c	-	395	1017	2.574683544	1
RVBD_1185c	fadD21	491	708	1.441955193	1
RVBD_1186c	-	8	24	3	1
RVBD_1187	rocA	15	27	1.8	1
RVBD_1188	-	7	21	3	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1189	sigI	7	14	2	1
RVBD_1190	-	3	10	3.333333333	1
RVBD_1191	-	27	29	1.074074074	1
RVBD_1192	-	124	97	0.782258065	1
RVBD_1193	fadD36	43	30	0.697674419	1
RVBD_1194c	-	172	220	1.279069767	1
RVBD_1195	PE13	6218	2686	0.431971695	1
RVBD_1196	PPE18	2043	914	0.447381302	1
RVBD_1197	esxK	9956	5853	0.587886701	1
RVBD_1198	esxL	5649	2534	0.448574969	1
RVBD_1199c	-	120	96	0.8	1
RVBD_1200	-	58	47	0.810344828	1
RVBD_1201c	-	159	124	0.779874214	1
RVBD_1202	dapE	60	49	0.816666667	1
RVBD_1203c	-	9	8	0.888888889	1
RVBD_1204c	-	10	15	1.5	1
RVBD_1205	-	96	138	1.4375	1
RVBD_1206	fadD6	16	35	2.1875	1
RVBD_1207	folP2	173	105	0.606936416	1
RVBD_1208	-	149	133	0.89261745	1
RVBD_1209	-	245	194	0.791836735	1
RVBD_1210	tagA	160	144	0.9	1
RVBD_1211	-	962	995	1.034303534	1
RVBD_1212c	-	20	26	1.3	1
RVBD_1213	glgC	43	32	0.744186047	1
RVBD_1214c	PE14	12	10	0.833333333	1
RVBD_1215c	-	43	30	0.697674419	1
RVBD_1216c	-	13	20	1.538461538	1
RVBD_1217c	-	7	8	1.142857143	1
RVBD_1218c	-	15	20	1.333333333	1
RVBD_1219c	-	20	18	0.9	1
RVBD_1220c	-	47	21	0.446808511	1
RVBD_1221	sigE	623	645	1.035313002	1
RVBD_1222	-	418	384	0.918660287	1
RVBD_1223	htrA	335	315	0.940298507	1
RVBD_1224	tatB	336	316	0.94047619	1
RVBD_1225c	-	10	12	1.2	1
RVBD_1226c	-	14	8	0.571428571	1
RVBD_1227c	-	16	10	0.625	1
RVBD_1228	lpqX	6	14	2.333333333	1
RVBD_1229c	mrp	187	137	0.732620321	1
RVBD_1230c	-	29	75	2.586206897	1
RVBD_1231c	-	94	186	1.978723404	1
RVBD_1232c	-	29	24	0.827586207	1
RVBD_1233c	-	262	187	0.713740458	1
RVBD_1234	-	77	54	0.701298701	1
RVBD_1235	lpqY	29	35	1.206896552	1
RVBD_1236	sugA	27	58	2.148148148	1
RVBD_1237	sugB	7	18	2.571428571	1
RVBD_1238	sugC	33	63	1.909090909	1
RVBD_1239c	corA	32	70	2.1875	1
RVBD_1240	mdh	132	79	0.598484848	1
RVBD_1241	-	89	63	0.707865169	1
RVBD_1242	-	20	32	1.6	1
RVBD_1243c	PE_PGRS23	14	9	0.642857143	1
RVBD_1244	lpqZ	42	34	0.80952381	1
RVBD_1245c	-	258	100	0.387596899	1
RVBD_1246c	-	57	70	1.228070175	1
RVBD_1247c	-	64	132	2.0625	1
RVBD_1248c	kgd	98	171	1.744897959	1
RVBD_1249c	-	53	70	1.320754717	1
RVBD_1250	-	11	24	2.181818182	1
RVBD_1251c	-	22	30	1.363636364	1
RVBD_1252c	lprE	41	29	0.707317073	1
RVBD_1253	deaD	51	81	1.588235294	1
RVBD_1254	-	28	83	2.964285714	1
RVBD_1255c	-	21	14	0.666666667	1
RVBD_1256c	cyp130	17	9	0.529411765	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1257c	-	67	34	0.507462687	1
RVBD_1258c	-	31	6	0.193548387	1
RVBD_1259	-	17	14	0.823529412	1
RVBD_1260	-	73	60	0.821917808	1
RVBD_1261c	-	80	149	1.8625	1
RVBD_1262c	-	86	83	0.965116279	1
RVBD_1263	amiB2	11	10	0.909090909	1
RVBD_1264	-	158	109	0.689873418	1
RVBD_1265	-	154	140	0.909090909	1
RVBD_1266c	pknH	22	58	2.636363636	1
RVBD_1267c	embR	5	15	3	1
RVBD_1268c	-	7	15	2.142857143	1
RVBD_1269c	-	31	81	2.612903226	1
RVBD_1270c	lprA	54	71	1.314814815	1
RVBD_1271c	-	15	23	1.533333333	1
RVBD_1272c	-	15	17	1.133333333	1
RVBD_1273c	-	8	11	1.375	1
RVBD_1274	lprB	148	121	0.817567568	1
RVBD_1275	lprC	149	182	1.22147651	1
RVBD_1276c	-	4	5	1.25	1
RVBD_1277	-	79	35	0.443037975	1
RVBD_1278	-	35	33	0.942857143	1
RVBD_1279	-	61	104	1.704918033	1
RVBD_1280c	oppA	49	94	1.918367347	1
RVBD_1281c	oppD	11	29	2.636363636	1
RVBD_1282c	oppC	14	32	2.285714286	1
RVBD_1283c	oppB	31	49	1.580645161	1
RVBD_1284	-	28	102	3.642857143	1
RVBD_1285	cysD	166	33	0.198795181	1
RVBD_1286	cysN	157	49	0.312101911	1
RVBD_1287	-	98	79	0.806122449	1
RVBD_1288	-	9	15	1.666666667	1
RVBD_1289	-	17	16	0.941176471	1
RVBD_1290A	-	4	12	3	1
RVBD_1290c	-	19	15	0.789473684	1
RVBD_1291c	-	4	2	0.5	1
RVBD_1292	argS	82	52	0.634146341	1
RVBD_1293	lysA	152	116	0.763157895	1
RVBD_1294	thrA	222	137	0.617117117	1
RVBD_1295	thrC	269	139	0.516728625	1
RVBD_1296	thrB	52	43	0.826923077	1
RVBD_1297	rho	2460	727	0.295528455	1
RVBD_1298	rpmE	8586	2535	0.295248078	1
RVBD_1299	prfA	616	115	0.186688312	0.007212856
RVBD_1300	hemK	245	95	0.387755102	1
RVBD_1301	-	193	91	0.471502591	1
RVBD_1302	rfe	84	116	1.380952381	1
RVBD_1303	-	339	319	0.94100295	1
RVBD_1304	atpB	337	396	1.175074184	1
RVBD_1305	atpE	448	649	1.448660714	1
RVBD_1306	atpF	716	751	1.048882682	1
RVBD_1307	atpH	498	602	1.208835341	1
RVBD_1308	atpA	368	492	1.336956522	1
RVBD_1309	atpG	348	519	1.49137931	1
RVBD_1310	atpD	459	539	1.174291939	1
RVBD_1311	atpC	205	291	1.419512195	1
RVBD_1312	-	165	225	1.363636364	1
RVBD_1313c	-	63	65	1.031746032	1
RVBD_1314c	-	38	31	0.815789474	1
RVBD_1315	murA	92	60	0.652173913	1
RVBD_1316c	ogt	108	415	3.842592593	1
RVBD_1317c	alkA	41	81	1.975609756	1
RVBD_1318c	-	10	17	1.7	1
RVBD_1319c	-	17	33	1.941176471	1
RVBD_1320c	-	16	28	1.75	1
RVBD_1321	-	270	199	0.737037037	1
RVBD_1322	-	59	80	1.355932203	1
RVBD_1322A	-	480	398	0.829166667	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1323	fadA4	234	184	0.786324786	1
RVBD_1324	-	339	150	0.442477876	1
RVBD_1325c	PE_PGRS24	26	18	0.692307692	1
RVBD_1326c	glgB	56	56	1	1
RVBD_1327c	glgE	76	62	0.815789474	1
RVBD_1328	glgP	64	46	0.71875	1
RVBD_1329c	dinG	10	19	1.9	1
RVBD_1330c	-	9	13	1.444444444	1
RVBD_1331	clpS	287	590	2.055749129	1
RVBD_1332	-	135	385	2.851851852	1
RVBD_1333	-	52	74	1.423076923	1
RVBD_1334	-	57	96	1.684210526	1
RVBD_1335	-	88	125	1.420454545	1
RVBD_1336	cysM	78	102	1.307692308	1
RVBD_1337	-	119	140	1.176470588	1
RVBD_1338	murI	63	73	1.158730159	1
RVBD_1339	-	125	87	0.696	1
RVBD_1340	rph	168	131	0.779761905	1
RVBD_1341	-	42	41	0.976190476	1
RVBD_1342c	-	365	150	0.410958904	1
RVBD_1343c	lprD	296	83	0.280405405	1
RVBD_1344	-	92	23	0.25	1
RVBD_1345	fadD33	87	22	0.252873563	1
RVBD_1346	fadE14	143	66	0.461538462	1
RVBD_1347c	-	98	25	0.255102041	1
RVBD_1348	-	69	12	0.173913043	1
RVBD_1349	-	45	8	0.177777778	1
RVBD_1350	fabG	25	17	0.68	1
RVBD_1351	-	44	80	1.818181818	1
RVBD_1352	-	187	282	1.50802139	1
RVBD_1353c	-	4	17	4.25	1
RVBD_1354c	-	7	12	1.714285714	1
RVBD_1355c	moeY	5	10	2	1
RVBD_1356c	-	5	14	2.8	1
RVBD_1357c	-	1	7	7	1
RVBD_1358	-	4	9	2.25	1
RVBD_1359	-	4	10	2.5	1
RVBD_1360	-	85	95	1.117647059	1
RVBD_1361c	PPE19	615	400	0.650406504	1
RVBD_1362c	-	30	64	2.133333333	1
RVBD_1363c	-	86	146	1.697674419	1
RVBD_1364c	-	41	50	1.219512195	1
RVBD_1365c	rsfA	48	120	2.5	1
RVBD_1366	-	43	54	1.255813953	1
RVBD_1366A	-	150	246	1.64	1
RVBD_1367c	-	18	17	0.944444444	1
RVBD_1368	lprF	97	142	1.463917526	1
RVBD_1369c	-	61	151	2.475409836	1
RVBD_1370c	-	77	127	1.649350649	1
RVBD_1371	-	1	9	9	1
RVBD_1372	-	11	14	1.272727273	1
RVBD_1373	-	15	19	1.266666667	1
RVBD_1374c	-	7	19	2.714285714	1
RVBD_1375	-	40	36	0.9	1
RVBD_1376	-	26	20	0.769230769	1
RVBD_1377c	-	41	49	1.195121951	1
RVBD_1378c	-	52	22	0.423076923	1
RVBD_1379	pyrR	80	55	0.6875	1
RVBD_1380	pyrB	16	13	0.8125	1
RVBD_1381	pyrC	40	39	0.975	1
RVBD_1382	-	29	41	1.413793103	1
RVBD_1383	carA	38	62	1.631578947	1
RVBD_1384	carB	20	34	1.7	1
RVBD_1385	pyrF	6	10	1.666666667	1
RVBD_1386	PE15	389	146	0.375321337	1
RVBD_1387	PPE20	226	130	0.575221239	1
RVBD_1388	mihF	646	551	0.852941176	1
RVBD_1389	gmk	156	164	1.051282051	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1390	rpoZ	746	455	0.609919571	1
RVBD_1391	dfp	286	184	0.643356643	1
RVBD_1392	metK	386	240	0.621761658	1
RVBD_1393c	-	14	32	2.285714286	1
RVBD_1394c	cyp132	25	34	1.36	1
RVBD_1395	-	2	3	1.5	1
RVBD_1396c	PE_PGRS25	177	60	0.338983051	1
RVBD_1397c	-	606	699	1.153465347	1
RVBD_1398c	-	579	1438	2.483592401	1
RVBD_1399c	lipH	16	13	0.8125	1
RVBD_1400c	lipI	34	22	0.647058824	1
RVBD_1401	-	26	27	1.038461538	1
RVBD_1402	priA	7	7	1	1
RVBD_1403c	-	4	7	1.75	1
RVBD_1404	-	290	212	0.731034483	1
RVBD_1405c	-	18	12	0.666666667	1
RVBD_1406	fmt	22	13	0.590909091	1
RVBD_1407	fmu	9	10	1.111111111	1
RVBD_1408	rpe	186	175	0.940860215	1
RVBD_1409	ribG	87	99	1.137931034	1
RVBD_1410c	-	244	166	0.680327869	1
RVBD_1411c	lprG	319	178	0.55799373	1
RVBD_1412	ribC	47	51	1.085106383	1
RVBD_1413	-	15	24	1.6	1
RVBD_1414	-	8	14	1.75	1
RVBD_1415	ribA2	286	231	0.807692308	1
RVBD_1416	ribH	95	78	0.821052632	1
RVBD_1417	-	53	70	1.320754717	1
RVBD_1418	lprH	62	57	0.919354839	1
RVBD_1419	-	526	481	0.914448669	1
RVBD_1420	uvrC	95	54	0.568421053	1
RVBD_1421	-	61	41	0.672131148	1
RVBD_1422	-	52	36	0.692307692	1
RVBD_1423	whiA	80	69	0.8625	1
RVBD_1424c	-	38	55	1.447368421	1
RVBD_1425	-	26	54	2.076923077	1
RVBD_1426c	lipO	6	19	3.166666667	1
RVBD_1427c	fadD12	15	39	2.6	1
RVBD_1428c	-	28	38	1.357142857	1
RVBD_1429	-	13	20	1.538461538	1
RVBD_1430	PE16	9	14	1.555555556	1
RVBD_1431	-	7	20	2.857142857	1
RVBD_1432	-	3	11	3.666666667	1
RVBD_1433	-	26	38	1.461538462	1
RVBD_1434	-	48	73	1.520833333	1
RVBD_1435c	-	51	35	0.68627451	1
RVBD_1436	gap	291	141	0.484536082	1
RVBD_1437	pgk	209	136	0.650717703	1
RVBD_1438	tpiA	81	89	1.098765432	1
RVBD_1439c	-	44	69	1.568181818	1
RVBD_1440	secG	127	144	1.133858268	1
RVBD_1441c	PE_PGRS26	28	24	0.857142857	1
RVBD_1442	bisC	87	70	0.804597701	1
RVBD_1443c	-	31	34	1.096774194	1
RVBD_1444c	-	59	119	2.016949153	1
RVBD_1445c	devB	39	88	2.256410256	1
RVBD_1446c	opcA	34	69	2.029411765	1
RVBD_1447c	zwf2	152	236	1.552631579	1
RVBD_1448c	tal	185	179	0.967567568	1
RVBD_1449c	tkt	165	150	0.909090909	1
RVBD_1450c	PE_PGRS27	11	7	0.636363636	1
RVBD_1451	ctaB	108	103	0.953703704	1
RVBD_1452c	PE_PGRS28	8	6	0.75	1
RVBD_1453	-	8	22	2.75	1
RVBD_1454c	qor	19	20	1.052631579	1
RVBD_1455	-	12	12	1	1
RVBD_1456c	-	34	22	0.647058824	1
RVBD_1457c	-	18	17	0.944444444	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1458c	-	46	33	0.717391304	1
RVBD_1459c	-	37	34	0.918918919	1
RVBD_1460	-	132	110	0.833333333	1
RVBD_1461	-	494	526	1.064777328	1
RVBD_1462	-	248	269	1.084677419	1
RVBD_1463	-	209	242	1.157894737	1
RVBD_1464	csd	168	194	1.154761905	1
RVBD_1465	-	104	135	1.298076923	1
RVBD_1466	-	128	224	1.75	1
RVBD_1467c	fadE15	20	77	3.85	1
RVBD_1468c	PE_PGRS29	49	83	1.693877551	1
RVBD_1469	ctpD	11	49	4.454545455	1
RVBD_1470	trxA	44	119	2.704545455	1
RVBD_1471	trxB1	219	251	1.146118721	1
RVBD_1472	echA12	192	129	0.671875	1
RVBD_1473	-	95	45	0.473684211	1
RVBD_1473A	-	63	37	0.587301587	1
RVBD_1474c	-	29	22	0.75862069	1
RVBD_1475c	acn	128	78	0.609375	1
RVBD_1476	-	75	297	3.96	1
RVBD_1477	-	90	76	0.844444444	1
RVBD_1478	-	37	37	1	1
RVBD_1479	moxR1	520	387	0.744230769	1
RVBD_1480	-	76	60	0.789473684	1
RVBD_1481	-	273	209	0.765567766	1
RVBD_1482c	-	3	8	2.666666667	1
RVBD_1483	fabG1	551	223	0.404718693	1
RVBD_1484	inhA	164	78	0.475609756	1
RVBD_1485	hemH	120	59	0.491666667	1
RVBD_1486c	-	87	90	1.034482759	1
RVBD_1487	-	215	314	1.460465116	1
RVBD_1488	-	144	217	1.506944444	1
RVBD_1489	-	160	221	1.38125	1
RVBD_1489A	-	262	382	1.458015267	1
RVBD_1490	-	13	22	1.692307692	1
RVBD_1491c	-	41	39	0.951219512	1
RVBD_1492	mutA	22	15	0.681818182	1
RVBD_1493	mutB	27	24	0.888888889	1
RVBD_1494	-	30	28	0.933333333	1
RVBD_1495	-	20	10	0.5	1
RVBD_1496	-	40	35	0.875	1
RVBD_1497	lipL	108	32	0.296296296	1
RVBD_1498A	-	16	23	1.4375	1
RVBD_1498c	-	87	130	1.494252874	1
RVBD_1499	-	6	12	2	1
RVBD_1500	-	85	169	1.988235294	1
RVBD_1501	-	62	191	3.080645161	1
RVBD_1502	-	41	110	2.682926829	1
RVBD_1505c	-	74	93	1.256756757	1
RVBD_1506c	-	73	124	1.698630137	1
RVBD_1507A	-	13	16	1.230769231	1
RVBD_1507c	-	173	217	1.25433526	1
RVBD_1508A	-	43	44	1.023255814	1
RVBD_1508c	-	63	85	1.349206349	1
RVBD_1509	-	35	49	1.4	1
RVBD_1510	-	6	16	2.666666667	1
RVBD_1511	gmdA	67	51	0.76119403	1
RVBD_1512	epiA	76	68	0.894736842	1
RVBD_1513	-	50	67	1.34	1
RVBD_1514c	-	7	29	4.142857143	1
RVBD_1515c	-	22	53	2.409090909	1
RVBD_1516c	-	23	26	1.130434783	1
RVBD_1517	-	7	18	2.571428571	1
RVBD_1518	-	11	13	1.181818182	1
RVBD_1519	-	35	7	0.2	1
RVBD_1520	-	59	65	1.101694915	1
RVBD_1521	fadD25	182	168	0.923076923	1
RVBD_1522c	mmpL12	25	30	1.2	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1523	-	15	19	1.266666667	1
RVBD_1524	-	20	23	1.15	1
RVBD_1525	wbbL2	22	33	1.5	1
RVBD_1526c	-	6	7	1.166666667	1
RVBD_1527c	pks5	20	13	0.65	1
RVBD_1528c	papA4	7	21	3	1
RVBD_1529	fadD24	29	42	1.448275862	1
RVBD_1530	adh	11	17	1.545454545	1
RVBD_1531	-	36	47	1.305555556	1
RVBD_1532c	-	24	17	0.708333333	1
RVBD_1533	-	297	100	0.336700337	1
RVBD_1534	-	163	63	0.386503067	1
RVBD_1535	-	176	88	0.5	1
RVBD_1536	ileS	92	66	0.717391304	1
RVBD_1537	dinX	8	8	1	1
RVBD_1538c	ansA	32	24	0.75	1
RVBD_1539	lspA	105	55	0.523809524	1
RVBD_1540	-	80	58	0.725	1
RVBD_1541c	lprI	8	8	1	1
RVBD_1542c	glbN	23	17	0.739130435	1
RVBD_1543	-	95	89	0.936842105	1
RVBD_1544	-	66	74	1.121212121	1
RVBD_1545	-	107	99	0.925233645	1
RVBD_1546	-	167	130	0.778443114	1
RVBD_1547	dnaE	151	178	1.178807947	1
RVBD_1548c	PPE21	16	42	2.625	1
RVBD_1549	fadD11.1	10	26	2.6	1
RVBD_1550	fadD11	3	14	4.666666667	1
RVBD_1551	plsB1	3	10	3.333333333	1
RVBD_1552	frdA	1	9	9	1
RVBD_1553	frdB	1	15	15	1
RVBD_1554	frdC	3	18	6	1
RVBD_1555	frdD	1	11	11	1
RVBD_1556	-	28	37	1.321428571	1
RVBD_1557	mmpL6	22	33	1.5	1
RVBD_1558	-	305	278	0.91147541	1
RVBD_1559	ilvA	118	69	0.584745763	1
RVBD_1560	-	49	34	0.693877551	1
RVBD_1561	-	27	18	0.666666667	1
RVBD_1562c	treZ	7	12	1.714285714	1
RVBD_1563c	treY	11	18	1.636363636	1
RVBD_1564c	treX	48	69	1.4375	1
RVBD_1565c	-	48	46	0.958333333	1
RVBD_1566c	-	105	80	0.761904762	1
RVBD_1567c	-	47	51	1.085106383	1
RVBD_1568	bioA	27	26	0.962962963	1
RVBD_1569	bioF1	22	14	0.636363636	1
RVBD_1570	bioD	24	16	0.666666667	1
RVBD_1571	-	12	16	1.333333333	1
RVBD_1572c	-	6	57	9.5	1
RVBD_1573	-	29	8	0.275862069	1
RVBD_1574	-	14	16	1.142857143	1
RVBD_1576c	-	35	14	0.4	1
RVBD_1577c	-	20	11	0.55	1
RVBD_1578c	-	7	5	0.714285714	1
RVBD_1579c	-	13	21	1.615384615	1
RVBD_1580c	-	13	19	1.461538462	1
RVBD_1581c	-	3	19	6.333333333	1
RVBD_1582c	-	4	6	1.5	1
RVBD_1583c	-	5	2	0.4	1
RVBD_1584c	-	81	54	0.666666667	1
RVBD_1585c	-	7	3	0.428571429	1
RVBD_1586c	-	44	30	0.681818182	1
RVBD_1587c	-	42	57	1.357142857	1
RVBD_1588c	-	49	66	1.346938776	1
RVBD_1589	bioB	217	143	0.658986175	1
RVBD_1590	-	61	60	0.983606557	1
RVBD_1591	-	59	67	1.13559322	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1592c	-	54	67	1.240740741	1
RVBD_1593c	-	150	155	1.033333333	1
RVBD_1594	nadA	194	132	0.680412371	1
RVBD_1595	nadB	119	116	0.974789916	1
RVBD_1596	nadC	182	256	1.406593407	1
RVBD_1597	-	72	61	0.847222222	1
RVBD_1598c	-	104	122	1.173076923	1
RVBD_1599	hisD	59	22	0.372881356	1
RVBD_1600	hisC1	67	36	0.537313433	1
RVBD_1601	hisB	151	93	0.61589404	1
RVBD_1602	hisH	197	136	0.69035533	1
RVBD_1603	hisA	82	41	0.5	1
RVBD_1604	impA	65	31	0.476923077	1
RVBD_1605	hisF	80	32	0.4	1
RVBD_1606	hisI	55	36	0.654545455	1
RVBD_1607	chaA	44	15	0.340909091	1
RVBD_1608c	bcpB	58	81	1.396551724	1
RVBD_1609	trpE	108	55	0.509259259	1
RVBD_1610	-	105	77	0.733333333	1
RVBD_1611	trpC	253	166	0.656126482	1
RVBD_1612	trpB	346	206	0.595375723	1
RVBD_1613	trpA	171	106	0.619883041	1
RVBD_1614	lgt	132	88	0.666666667	1
RVBD_1615	-	352	409	1.161931818	1
RVBD_1616	-	82	70	0.853658537	1
RVBD_1617	pykA	82	72	0.87804878	1
RVBD_1618	tesB1	124	188	1.516129032	1
RVBD_1619	-	14	26	1.857142857	1
RVBD_1620c	cydC	14	130	9.285714286	1
RVBD_1621c	cydD	17	162	9.529411765	1
RVBD_1622c	cydB	29	330	11.37931034	0.144753528
RVBD_1623c	cydA	55	219	3.981818182	1
RVBD_1624c	-	18	44	2.444444444	1
RVBD_1625c	cya	48	105	2.1875	1
RVBD_1626	-	303	323	1.066006601	1
RVBD_1627c	-	88	65	0.738636364	1
RVBD_1628c	-	115	74	0.643478261	1
RVBD_1629	polA	61	40	0.655737705	1
RVBD_1630	rpsA	895	561	0.626815642	1
RVBD_1631	coaE	289	159	0.55017301	1
RVBD_1632c	-	102	118	1.156862745	1
RVBD_1633	uvrB	207	139	0.671497585	1
RVBD_1634	-	50	42	0.84	1
RVBD_1635c	-	46	24	0.52173913	1
RVBD_1636	TB15.3	823	651	0.791008505	1
RVBD_1637c	-	53	64	1.20754717	1
RVBD_1638	uvrA	136	112	0.823529412	1
RVBD_1638A	-	470	1855	3.946808511	1
RVBD_1639c	-	93	303	3.258064516	1
RVBD_1640c	lysS	18	43	2.388888889	1
RVBD_1641	infC	1472	902	0.612771739	1
RVBD_1642	rpmI	7856	3843	0.489180244	1
RVBD_1643	rplT	801	349	0.435705368	1
RVBD_1644	tsnR	372	71	0.190860215	0.400356829
RVBD_1645c	-	27	55	2.037037037	1
RVBD_1646	PE17	133	133	1	1
RVBD_1647	-	49	53	1.081632653	1
RVBD_1648	-	47	69	1.468085106	1
RVBD_1649	pheS	34	30	0.882352941	1
RVBD_1650	pheT	42	25	0.595238095	1
RVBD_1651c	PE_PGRS30	26	21	0.807692308	1
RVBD_1652	argC	34	14	0.411764706	1
RVBD_1653	argJ	67	25	0.373134328	1
RVBD_1654	argB	48	33	0.6875	1
RVBD_1655	argD	34	19	0.558823529	1
RVBD_1656	argF	15	16	1.066666667	1
RVBD_1657	argR	22	24	1.090909091	1
RVBD_1658	argG	49	42	0.857142857	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1659	argH	10	15	1.5	1
RVBD_1660	pks10	12	30	2.5	1
RVBD_1661	pks7	8	39	4.875	1
RVBD_1662	pks8	5	34	6.8	1
RVBD_1663	pks17	11	46	4.181818182	1
RVBD_1664	pks9	11	25	2.272727273	1
RVBD_1665	pks11	35	146	4.171428571	1
RVBD_1666c	cyp139	10	22	2.2	1
RVBD_1667c	-	14	16	1.142857143	1
RVBD_1668c	-	16	17	1.0625	1
RVBD_1669	-	3	7	2.333333333	1
RVBD_1670	-	5	27	5.4	1
RVBD_1671	-	4	24	6	1
RVBD_1672c	-	5	9	1.8	1
RVBD_1673c	-	5	9	1.8	1
RVBD_1674c	-	5	7	1.4	1
RVBD_1675c	-	3	9	3	1
RVBD_1676	-	116	110	0.948275862	1
RVBD_1677	dsbF	103	98	0.951456311	1
RVBD_1678	-	101	108	1.069306931	1
RVBD_1679	fadE16	24	31	1.291666667	1
RVBD_1680	-	34	57	1.676470588	1
RVBD_1681	moeX	6	19	3.166666667	1
RVBD_1682	-	38	51	1.342105263	1
RVBD_1683	-	51	47	0.921568627	1
RVBD_1684	-	65	117	1.8	1
RVBD_1685c	-	8	17	2.125	1
RVBD_1686c	-	8	12	1.5	1
RVBD_1687c	-	6	11	1.833333333	1
RVBD_1688	mpg	4	7	1.75	1
RVBD_1689	tyrS	43	39	0.906976744	1
RVBD_1690	lprJ	103	126	1.223300971	1
RVBD_1691	-	149	107	0.718120805	1
RVBD_1692	-	35	23	0.657142857	1
RVBD_1693	-	124	107	0.862903226	1
RVBD_1694	tlyA	61	57	0.93442623	1
RVBD_1695	ppnK	50	47	0.94	1
RVBD_1696	recN	29	30	1.034482759	1
RVBD_1697	-	61	50	0.819672131	1
RVBD_1698	-	79	61	0.772151899	1
RVBD_1699	pyrG	101	120	1.188118812	1
RVBD_1700	-	130	169	1.3	1
RVBD_1701	xerD	70	146	2.085714286	1
RVBD_1702c	-	33	29	0.878787879	1
RVBD_1703c	-	229	269	1.174672489	1
RVBD_1704c	cycA	69	76	1.101449275	1
RVBD_1705c	PPE22	9	8	0.888888889	1
RVBD_1706A	-	1	3	3	1
RVBD_1706c	PPE23	8	9	1.125	1
RVBD_1707	-	30	48	1.6	1
RVBD_1708	-	68	35	0.514705882	1
RVBD_1709	-	122	58	0.475409836	1
RVBD_1710	-	123	86	0.699186992	1
RVBD_1711	-	86	68	0.790697674	1
RVBD_1712	cmk	89	54	0.606741573	1
RVBD_1713	engA	56	36	0.642857143	1
RVBD_1714	-	13	4	0.307692308	1
RVBD_1715	fadB3	11	5	0.454545455	1
RVBD_1716	-	20	7	0.35	1
RVBD_1717	-	7	1	0.142857143	1
RVBD_1718	-	20	12	0.6	1
RVBD_1719	-	14	17	1.214285714	1
RVBD_1720c	-	9	12	1.333333333	1
RVBD_1721c	-	6	19	3.166666667	1
RVBD_1722	-	22	34	1.545454545	1
RVBD_1723	-	5	13	2.6	1
RVBD_1724c	-	32	83	2.59375	1
RVBD_1725c	-	8	24	3	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1726	-	1	3	3	1
RVBD_1727	-	1	2	2	1
RVBD_1728c	-	43	40	0.930232558	1
RVBD_1729c	-	22	21	0.954545455	1
RVBD_1730c	-	12	15	1.25	1
RVBD_1731	gabD2	24	27	1.125	1
RVBD_1732c	-	155	99	0.638709677	1
RVBD_1733c	-	146	10	0.068493151	1
RVBD_1734c	-	7	3	0.428571429	1
RVBD_1735Ac	-	48	7	0.145833333	1
RVBD_1735c	-	6	2	0.333333333	1
RVBD_1736c	narX	293	10	0.034129693	3.30E-04
RVBD_1737c	narK2	190	6	0.031578947	0.058358658
RVBD_1738	-	1012	47	0.046442688	1
RVBD_1739c	-	8	8	1	1
RVBD_1740	-	90	115	1.277777778	1
RVBD_1741	-	45	52	1.155555556	1
RVBD_1742	-	10	16	1.6	1
RVBD_1743	pknE	45	75	1.666666667	1
RVBD_1744c	-	6	7	1.166666667	1
RVBD_1745c	idi	3	9	3	1
RVBD_1746	pknF	17	16	0.941176471	1
RVBD_1747	-	144	104	0.722222222	1
RVBD_1748	-	11	21	1.909090909	1
RVBD_1749c	-	55	50	0.909090909	1
RVBD_1750c	fadD1	20	20	1	1
RVBD_1751	-	83	61	0.734939759	1
RVBD_1752	-	35	31	0.885714286	1
RVBD_1753c	PPE24	9	32	3.555555556	1
RVBD_1754c	-	5	16	3.2	1
RVBD_1755c	plcD	1	1	1	1
RVBD_1756c	-	61	151	2.475409836	1
RVBD_1757c	-	78	127	1.628205128	1
RVBD_1758	cut1	1	3	3	1
RVBD_1759c	wag22	7	6	0.857142857	1
RVBD_1760	-	13	69	5.307692308	1
RVBD_1761c	-	7	23	3.285714286	1
RVBD_1762c	-	24	31	1.291666667	1
RVBD_1763	-	77	127	1.649350649	1
RVBD_1764	-	61	152	2.491803279	1
RVBD_1765A	-	17	43	2.529411765	1
RVBD_1765c	-	57	37	0.649122807	1
RVBD_1766	-	90	62	0.688888889	1
RVBD_1767	-	34	19	0.558823529	1
RVBD_1768	PE_PGRS31	31	23	0.741935484	1
RVBD_1769	-	120	121	1.008333333	1
RVBD_1770	-	140	203	1.45	1
RVBD_1771	-	46	83	1.804347826	1
RVBD_1772	-	222	146	0.657657658	1
RVBD_1773c	-	15	10	0.666666667	1
RVBD_1774	-	91	49	0.538461538	1
RVBD_1775	-	72	40	0.555555556	1
RVBD_1776c	-	7	9	1.285714286	1
RVBD_1777	cyp144	5	8	1.6	1
RVBD_1778c	-	125	146	1.168	1
RVBD_1779c	-	171	178	1.040935673	1
RVBD_1780	-	83	53	0.638554217	1
RVBD_1781c	malQ	5	11	2.2	1
RVBD_1782	-	137	244	1.781021898	1
RVBD_1783	-	98	311	3.173469388	1
RVBD_1785c	cyp143	27	35	1.296296296	1
RVBD_1786	-	81	104	1.283950617	1
RVBD_1787	PPE25	38	117	3.078947368	1
RVBD_1788	PE18	39	128	3.282051282	1
RVBD_1789	PPE26	87	109	1.252873563	1
RVBD_1790	PPE27	27	58	2.148148148	1
RVBD_1791	PE19	528	898	1.700757576	1
RVBD_1792	-	1703	2967	1.742219612	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1792A	-	1992	3718	1.866465863	1
RVBD_1793	esxN	1515	3025	1.99669967	1
RVBD_1794	-	698	1108	1.58739255	1
RVBD_1795	-	141	149	1.056737589	1
RVBD_1796	mycP5	175	171	0.977142857	1
RVBD_1797	-	345	307	0.889855072	1
RVBD_1798	-	171	192	1.122807018	1
RVBD_1799	lppT	9	23	2.555555556	1
RVBD_1800	PPE28	15	29	1.933333333	1
RVBD_1801	PPE29	4	21	5.25	1
RVBD_1802	PPE30	5	10	2	1
RVBD_1803c	PE_PGRS32	14	23	1.642857143	1
RVBD_1804c	-	16	34	2.125	1
RVBD_1805c	-	4	47	11.75	1
RVBD_1806	PE20	9	11	1.222222222	1
RVBD_1807	PPE31	2	4	2	1
RVBD_1808	PPE32	14	20	1.428571429	1
RVBD_1809	PPE33	19	54	2.842105263	1
RVBD_1810	-	122	228	1.868852459	1
RVBD_1811	mgtC	57	38	0.666666667	1
RVBD_1812c	-	100	36	0.36	1
RVBD_1813c	-	431	10	0.023201856	4.37E-16
RVBD_1814	erg3	33	44	1.333333333	1
RVBD_1815	-	39	81	2.076923077	1
RVBD_1816	-	21	43	2.047619048	1
RVBD_1817	-	23	20	0.869565217	1
RVBD_1818c	PE_PGRS33	52	42	0.807692308	1
RVBD_1819c	-	19	20	1.052631579	1
RVBD_1820	ilvG	37	29	0.783783784	1
RVBD_1821	secA2	247	236	0.955465587	1
RVBD_1822	pgsA2	58	51	0.879310345	1
RVBD_1823	-	40	72	1.8	1
RVBD_1824	-	23	51	2.217391304	1
RVBD_1825	-	32	65	2.03125	1
RVBD_1826	gcvH	260	323	1.242307692	1
RVBD_1827	cfp17	905	871	0.962430939	1
RVBD_1828	-	270	381	1.411111111	1
RVBD_1829	-	139	266	1.913669065	1
RVBD_1830	-	193	197	1.020725389	1
RVBD_1831	-	265	250	0.943396226	1
RVBD_1832	gcvB	88	61	0.693181818	1
RVBD_1833c	-	30	48	1.6	1
RVBD_1834	-	18	16	0.888888889	1
RVBD_1835c	-	24	22	0.916666667	1
RVBD_1836c	-	125	59	0.472	1
RVBD_1837c	glcB	551	176	0.319419238	1
RVBD_1838c	-	40	38	0.95	1
RVBD_1839c	-	37	33	0.891891892	1
RVBD_1840c	PE_PGRS34	17	14	0.823529412	1
RVBD_1841c	-	110	152	1.381818182	1
RVBD_1842c	-	59	106	1.796610169	1
RVBD_1843c	guaB1	98	205	2.091836735	1
RVBD_1844c	gnd1	69	132	1.913043478	1
RVBD_1845c	-	98	147	1.5	1
RVBD_1846c	-	923	1141	1.236186349	1
RVBD_1847	-	116	32	0.275862069	1
RVBD_1848	ureA	157	63	0.401273885	1
RVBD_1849	ureB	47	30	0.638297872	1
RVBD_1850	ureC	68	37	0.544117647	1
RVBD_1851	ureF	22	15	0.681818182	1
RVBD_1852	ureG	18	26	1.444444444	1
RVBD_1853	ureD	20	34	1.7	1
RVBD_1854c	ndh	139	107	0.769784173	1
RVBD_1855c	-	151	141	0.933774834	1
RVBD_1856c	-	110	79	0.718181818	1
RVBD_1857	modA	114	57	0.5	1
RVBD_1858	modB	8	7	0.875	1
RVBD_1859	modC	22	17	0.772727273	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1860	apa	36	53	1.472222222	1
RVBD_1861	-	22	76	3.454545455	1
RVBD_1862	adhA	22	41	1.863636364	1
RVBD_1863c	-	159	142	0.893081761	1
RVBD_1864c	-	45	54	1.2	1
RVBD_1865c	-	6	13	2.166666667	1
RVBD_1866	-	12	15	1.25	1
RVBD_1867	-	10	14	1.4	1
RVBD_1868	-	14	29	2.071428571	1
RVBD_1869c	-	486	131	0.269547325	0.778757741
RVBD_1870c	-	1245	723	0.580722892	1
RVBD_1871c	-	1618	2416	1.493201483	1
RVBD_1872c	lldD2	1496	1977	1.321524064	1
RVBD_1873	-	1	4	4	1
RVBD_1874	-	29	44	1.517241379	1
RVBD_1875	-	38	73	1.921052632	1
RVBD_1876	bfrA	397	324	0.816120907	1
RVBD_1877	-	28	27	0.964285714	1
RVBD_1878	glnA3	10	17	1.7	1
RVBD_1879	-	7	16	2.285714286	1
RVBD_1880c	cyp140	63	89	1.412698413	1
RVBD_1881c	lppE	80	95	1.1875	1
RVBD_1882c	-	70	54	0.771428571	1
RVBD_1883c	-	206	167	0.810679612	1
RVBD_1884c	rpfC	420	541	1.288095238	1
RVBD_1885c	-	76	173	2.276315789	1
RVBD_1886c	fbpB	148	199	1.344594595	1
RVBD_1887	-	270	195	0.722222222	1
RVBD_1888A	-	14	37	2.642857143	1
RVBD_1888c	-	17	30	1.764705882	1
RVBD_1889c	-	9	15	1.666666667	1
RVBD_1890c	-	14	26	1.857142857	1
RVBD_1891	-	27	69	2.555555556	1
RVBD_1892	-	38	140	3.684210526	1
RVBD_1893	-	54	321	5.944444444	1
RVBD_1894c	-	33	32	0.96969697	1
RVBD_1895	-	18	20	1.111111111	1
RVBD_1896c	-	50	43	0.86	1
RVBD_1897c	-	40	29	0.725	1
RVBD_1898	-	114	149	1.307017544	1
RVBD_1899c	lppD	203	184	0.906403941	1
RVBD_1900c	lipJ	78	59	0.756410256	1
RVBD_1901	cinA	69	60	0.869565217	1
RVBD_1902c	nanT	15	20	1.333333333	1
RVBD_1903	-	61	66	1.081967213	1
RVBD_1904	-	138	340	2.463768116	1
RVBD_1905c	aao	89	56	0.629213483	1
RVBD_1906c	-	330	355	1.075757576	1
RVBD_1907c	-	55	191	3.472727273	1
RVBD_1908c	katG	116	1199	10.3362069	7.84E-09
RVBD_1909c	furA	31	268	8.64516129	1
RVBD_1910c	-	15	62	4.133333333	1
RVBD_1911c	lppC	58	116	2	1
RVBD_1912c	fadB5	18	41	2.277777778	1
RVBD_1913	-	4	11	2.75	1
RVBD_1914c	-	64	75	1.171875	1
RVBD_1915	aceAa	74	150	2.027027027	1
RVBD_1916	aceAb	31	141	4.548387097	1
RVBD_1917c	PPE34	5	34	6.8	1
RVBD_1918c	PPE35	22	45	2.045454545	1
RVBD_1919c	-	267	432	1.617977528	1
RVBD_1920	-	28	80	2.857142857	1
RVBD_1921c	lppF	5	34	6.8	1
RVBD_1922	-	25	53	2.12	1
RVBD_1923	lipD	67	54	0.805970149	1
RVBD_1924c	-	25	21	0.84	1
RVBD_1925	fadD31	654	336	0.513761468	1
RVBD_1926c	mpt63	56	144	2.571428571	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1927	-	122	22	0.180327869	1
RVBD_1928c	-	15	15	1	1
RVBD_1929c	-	48	30	0.625	1
RVBD_1930c	-	2	4	2	1
RVBD_1931c	-	14	17	1.214285714	1
RVBD_1932	tpx	231	220	0.952380952	1
RVBD_1933c	fadE18	1	4	4	1
RVBD_1934c	fadE17	1	4	4	1
RVBD_1935c	echA13	2	8	4	1
RVBD_1936	-	19	18	0.947368421	1
RVBD_1937	-	9	10	1.111111111	1
RVBD_1938	ephB	6	10	1.666666667	1
RVBD_1939	-	2	3	1.5	1
RVBD_1940	ribA1	4	5	1.25	1
RVBD_1941	-	12	14	1.166666667	1
RVBD_1942c	-	60	44	0.733333333	1
RVBD_1943c	-	46	37	0.804347826	1
RVBD_1944c	-	17	9	0.529411765	1
RVBD_1945	-	58	58	1	1
RVBD_1946c	lppG	4	7	1.75	1
RVBD_1947	-	21	34	1.619047619	1
RVBD_1948c	-	20	45	2.25	1
RVBD_1949c	-	13	29	2.230769231	1
RVBD_1950c	-	18	41	2.277777778	1
RVBD_1951c	-	12	27	2.25	1
RVBD_1952	-	21	29	1.380952381	1
RVBD_1953	-	24	38	1.583333333	1
RVBD_1954A	-	282	140	0.496453901	1
RVBD_1954c	-	4	13	3.25	1
RVBD_1955	-	114	131	1.149122807	1
RVBD_1956	-	46	41	0.891304348	1
RVBD_1957	-	75	84	1.12	1
RVBD_1958c	-	6	12	2	1
RVBD_1959c	-	90	95	1.055555556	1
RVBD_1960c	-	75	90	1.2	1
RVBD_1961	-	6	9	1.5	1
RVBD_1962A	-	28	51	1.821428571	1
RVBD_1962c	-	40	51	1.275	1
RVBD_1963c	mce3R	12	18	1.5	1
RVBD_1964	yrbE3A	3	7	2.333333333	1
RVBD_1965	yrbE3B	4	13	3.25	1
RVBD_1966	mce3A	3	9	3	1
RVBD_1967	mce3B	2	5	2.5	1
RVBD_1968	mce3C	3	6	2	1
RVBD_1969	mce3D	3	12	4	1
RVBD_1970	lprM	2	8	4	1
RVBD_1971	mce3F	4	12	3	1
RVBD_1972	-	1	8	8	1
RVBD_1973	-	1	6	6	1
RVBD_1974	-	2	8	4	1
RVBD_1975	-	8	28	3.5	1
RVBD_1976c	-	41	54	1.317073171	1
RVBD_1977	-	28	64	2.285714286	1
RVBD_1978	-	30	68	2.266666667	1
RVBD_1979c	-	141	110	0.780141844	1
RVBD_1980c	mpt64	826	787	0.952784504	1
RVBD_1981c	nrdF	114	237	2.078947368	1
RVBD_1982A	-	290	209	0.720689655	1
RVBD_1982c	-	36	26	0.722222222	1
RVBD_1983	PE_PGRS35	30	34	1.133333333	1
RVBD_1984A	-	63	81	1.285714286	1
RVBD_1984c	cfp21	32	32	1	1
RVBD_1985c	-	14	14	1	1
RVBD_1986	-	5	15	3	1
RVBD_1987	-	249	197	0.791164659	1
RVBD_1988	-	159	173	1.088050314	1
RVBD_1989c	-	25	61	2.44	1
RVBD_1990A	-	9	26	2.888888889	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_1990c	-	65	153	2.353846154	1
RVBD_1991A	-	46	73	1.586956522	1
RVBD_1991c	-	27	49	1.814814815	1
RVBD_1992c	ctpG	20	18	0.9	1
RVBD_1993c	-	75	55	0.733333333	1
RVBD_1994c	-	60	60	1	1
RVBD_1995	-	10	23	2.3	1
RVBD_1996	-	407	94	0.230958231	0.399101884
RVBD_1997	ctpF	134	7	0.052238806	0.318140108
RVBD_1998c	-	26	26	1	1
RVBD_1999c	-	7	6	0.857142857	1
RVBD_2000	-	13	16	1.230769231	1
RVBD_2001	-	52	69	1.326923077	1
RVBD_2002	fabG3	18	37	2.055555556	1
RVBD_2003c	-	153	52	0.339869281	1
RVBD_2004c	-	394	23	0.058375635	1.59E-13
RVBD_2005c	-	915	51	0.055737705	2.63E-25
RVBD_2006	otsB1	56	20	0.357142857	1
RVBD_2007c	fdxA	4198	37	0.008813721	5.66E-39
RVBD_2008c	-	4	5	1.25	1
RVBD_2009	-	161	71	0.440993789	1
RVBD_2010	-	111	41	0.369369369	1
RVBD_2011c	-	4	3	0.75	1
RVBD_2012	-	6	6	1	1
RVBD_2013	-	1	2	2	1
RVBD_2014	-	1	16	16	1
RVBD_2015c	-	58	39	0.672413793	1
RVBD_2016	-	49	83	1.693877551	1
RVBD_2017	-	14	35	2.5	1
RVBD_2018	-	51	116	2.274509804	1
RVBD_2019	-	15	39	2.6	1
RVBD_2020c	-	43	90	2.093023256	1
RVBD_2021c	-	109	205	1.880733945	1
RVBD_2022c	-	135	143	1.059259259	1
RVBD_2023A	-	37	105	2.837837838	1
RVBD_2023c	-	9	8	0.888888889	1
RVBD_2024c	-	33	46	1.393939394	1
RVBD_2025c	-	4	14	3.5	1
RVBD_2026c	-	11	39	3.545454545	1
RVBD_2027c	-	89	27	0.303370787	1
RVBD_2028c	-	181	10	0.055248619	1
RVBD_2029c	pfkB	244	8	0.032786885	0.53981034
RVBD_2030c	-	1114	7	0.006283662	7.02E-100
RVBD_2031c	hspX	2770	45	0.016245487	5.06E-26
RVBD_2032	acg	365	14	0.038356164	0.552706153
RVBD_2033c	-	46	23	0.5	1
RVBD_2034	-	11	15	1.363636364	1
RVBD_2035	-	24	39	1.625	1
RVBD_2036	-	17	34	2	1
RVBD_2037c	-	12	23	1.916666667	1
RVBD_2038c	-	6	22	3.666666667	1
RVBD_2039c	-	3	14	4.666666667	1
RVBD_2040c	-	6	16	2.666666667	1
RVBD_2041c	-	10	24	2.4	1
RVBD_2042c	-	73	108	1.479452055	1
RVBD_2043c	pncA	62	58	0.935483871	1
RVBD_2044c	-	9	21	2.333333333	1
RVBD_2045c	lipT	26	53	2.038461538	1
RVBD_2046	lppI	15	33	2.2	1
RVBD_2047c	-	15	15	1	1
RVBD_2048c	pks12	97	48	0.494845361	1
RVBD_2049c	-	60	24	0.4	1
RVBD_2050	-	331	372	1.123867069	1
RVBD_2051c	ppm1	165	108	0.654545455	1
RVBD_2052c	-	106	51	0.481132075	1
RVBD_2053c	fxsA	306	145	0.473856209	1
RVBD_2054	-	39	24	0.615384615	1
RVBD_2055c	rpsR	27	710	26.2962963	0.076297374

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2056c	rpsN	15	704	46.93333333	3.40E-05
RVBD_2057c	rpmG	61	2199	36.04918033	1.47E-04
RVBD_2058c	rpmB	31	1883	60.74193548	6.76E-15
RVBD_2059	-	7	101	14.42857143	1
RVBD_2060	-	5	35	7	1
RVBD_2061c	-	282	267	0.946808511	1
RVBD_2062c	cobN	40	31	0.775	1
RVBD_2063	-	5	13	2.6	1
RVBD_2063A	-	5	5	1	1
RVBD_2064	cobG	17	11	0.647058824	1
RVBD_2065	cobH	23	14	0.608695652	1
RVBD_2066	cobI	22	23	1.045454545	1
RVBD_2067c	-	113	109	0.96460177	1
RVBD_2068c	blaC	62	45	0.725806452	1
RVBD_2069	sigC	98	102	1.040816327	1
RVBD_2070c	cobK	23	33	1.434782609	1
RVBD_2071c	cobM	9	18	2	1
RVBD_2072c	cobL	5	7	1.4	1
RVBD_2073c	-	5	8	1.6	1
RVBD_2074	-	182	107	0.587912088	1
RVBD_2075c	-	8	8	1	1
RVBD_2076c	-	46	45	0.97826087	1
RVBD_2077A	-	45	24	0.533333333	1
RVBD_2077Bc	-	3	4	1.333333333	1
RVBD_2077c	-	157	167	1.063694268	1
RVBD_2078	-	11	19	1.727272727	1
RVBD_2079	-	12	27	2.25	1
RVBD_2080	lppJ	57	118	2.070175439	1
RVBD_2081c	-	44	50	1.136363636	1
RVBD_2082	-	94	159	1.691489362	1
RVBD_2083	-	81	119	1.469135802	1
RVBD_2084	-	34	63	1.852941176	1
RVBD_2085	-	56	64	1.142857143	1
RVBD_2086	-	6	10	1.666666667	1
RVBD_2087	-	4	9	2.25	1
RVBD_2088	pknJ	10	16	1.6	1
RVBD_2089c	pepE	5	5	1	1
RVBD_2090	-	4	6	1.5	1
RVBD_2091c	-	411	520	1.265206813	1
RVBD_2092c	helY	81	103	1.271604938	1
RVBD_2093c	tatC	57	99	1.736842105	1
RVBD_2094c	tatA	605	1086	1.795041322	1
RVBD_2095c	-	37	60	1.621621622	1
RVBD_2096c	-	77	72	0.935064935	1
RVBD_2097c	-	223	182	0.816143498	1
RVBD_2098c	-	7	7	1	1
RVBD_2099c	-	12	12	1	1
RVBD_2100	-	12	13	1.083333333	1
RVBD_2101	helZ	73	75	1.02739726	1
RVBD_2102	-	28	42	1.5	1
RVBD_2103c	-	61	37	0.606557377	1
RVBD_2104c	-	232	94	0.405172414	1
RVBD_2105	-	77	127	1.649350649	1
RVBD_2106	-	61	151	2.475409836	1
RVBD_2107	PE22	111	58	0.522522523	1
RVBD_2108	PPE36	98	114	1.163265306	1
RVBD_2109c	prcA	284	228	0.802816901	1
RVBD_2110c	prcB	382	306	0.80104712	1
RVBD_2111c	-	520	554	1.065384615	1
RVBD_2112c	-	128	77	0.6015625	1
RVBD_2113	-	27	31	1.148148148	1
RVBD_2114	-	79	109	1.379746835	1
RVBD_2115c	-	318	451	1.418238994	1
RVBD_2116	lppK	25	20	0.8	1
RVBD_2117	-	1	4	4	1
RVBD_2118c	-	54	33	0.611111111	1
RVBD_2119	-	13	12	0.923076923	1
RVBD_2120c	-	24	35	1.458333333	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2121c	hisG	15	16	1.066666667	1
RVBD_2122c	hisE	17	7	0.411764706	1
RVBD_2123	PPE37	12	4	0.333333333	1
RVBD_2124c	metH	194	122	0.628865979	1
RVBD_2125	-	136	81	0.595588235	1
RVBD_2126c	PE_PGRS37	14	13	0.928571429	1
RVBD_2127	ansP1	147	112	0.761904762	1
RVBD_2128	-	179	169	0.944134078	1
RVBD_2129c	-	33	67	2.03030303	1
RVBD_2130c	cysS	137	137	1	1
RVBD_2131c	cysQ	112	88	0.785714286	1
RVBD_2132	-	162	176	1.086419753	1
RVBD_2133c	-	26	38	1.461538462	1
RVBD_2134c	-	153	185	1.209150327	1
RVBD_2135c	-	53	76	1.433962264	1
RVBD_2136c	uppP	139	164	1.179856115	1
RVBD_2137c	-	216	466	2.157407407	1
RVBD_2138	lppL	31	34	1.096774194	1
RVBD_2139	pyrD	67	84	1.253731343	1
RVBD_2140c	TB18.6	15	30	2	1
RVBD_2141c	-	39	37	0.948717949	1
RVBD_2142A	-	70	85	1.214285714	1
RVBD_2142c	-	99	100	1.01010101	1
RVBD_2143	-	23	30	1.304347826	1
RVBD_2144c	-	738	439	0.594850949	1
RVBD_2145c	wag31	723	446	0.616874136	1
RVBD_2146c	-	274	286	1.04379562	1
RVBD_2147c	-	236	180	0.762711864	1
RVBD_2148c	-	71	53	0.746478873	1
RVBD_2149c	yfiH	55	36	0.654545455	1
RVBD_2150c	ftsZ	807	384	0.475836431	1
RVBD_2151c	ftsQ	34	42	1.235294118	1
RVBD_2152c	murC	54	57	1.055555556	1
RVBD_2153c	murG	33	27	0.818181818	1
RVBD_2154c	ftsW	70	69	0.985714286	1
RVBD_2155c	murD	81	92	1.135802469	1
RVBD_2156c	mraY	79	146	1.848101266	1
RVBD_2157c	murF	76	116	1.526315789	1
RVBD_2158c	murE	58	137	2.362068966	1
RVBD_2159c	-	337	1042	3.091988131	1
RVBD_2160A	-	442	1192	2.696832579	1
RVBD_2161c	-	439	535	1.218678815	1
RVBD_2162c	PE_PGRS38	347	204	0.587896254	1
RVBD_2163c	pbpB	46	50	1.086956522	1
RVBD_2164c	-	67	31	0.462686567	1
RVBD_2165c	mraW	63	27	0.428571429	1
RVBD_2166c	-	343	204	0.594752187	1
RVBD_2167c	-	61	152	2.491803279	1
RVBD_2168c	-	80	134	1.675	1
RVBD_2169c	-	211	428	2.028436019	1
RVBD_2170	-	3	3	1	1
RVBD_2171	lppM	39	30	0.769230769	1
RVBD_2172c	-	436	148	0.339449541	1
RVBD_2173	idsA2	27	27	1	1
RVBD_2174	-	33	49	1.484848485	1
RVBD_2175c	-	42	67	1.595238095	1
RVBD_2176	pknL	25	34	1.36	1
RVBD_2177c	-	24	26	1.083333333	1
RVBD_2178c	aroG	112	75	0.669642857	1
RVBD_2179c	-	12	25	2.083333333	1
RVBD_2180c	-	16	23	1.4375	1
RVBD_2181	-	173	128	0.739884393	1
RVBD_2182c	-	142	239	1.683098592	1
RVBD_2183c	-	140	138	0.985714286	1
RVBD_2184c	-	65	82	1.261538462	1
RVBD_2185c	TB16.3	338	430	1.272189349	1
RVBD_2186c	-	88	90	1.022727273	1
RVBD_2187	fadD15	29	60	2.068965517	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2188c	-	18	15	0.833333333	1
RVBD_2189c	-	59	37	0.627118644	1
RVBD_2190Ac	-	35	16	0.457142857	1
RVBD_2190c	-	351	268	0.763532764	1
RVBD_2191	-	8	8	1	1
RVBD_2192c	trpD	24	13	0.541666667	1
RVBD_2193	ctaE	241	237	0.98340249	1
RVBD_2194	qcrC	240	254	1.058333333	1
RVBD_2195	qcrA	429	521	1.214452214	1
RVBD_2196	qcrB	317	450	1.41955836	1
RVBD_2197c	-	69	59	0.855072464	1
RVBD_2198c	mmpS3	245	272	1.110204082	1
RVBD_2199c	-	281	409	1.455516014	1
RVBD_2200c	ctaC	713	626	0.877980365	1
RVBD_2201	asnB	52	56	1.076923077	1
RVBD_2202c	cbhK	199	138	0.693467337	1
RVBD_2203	-	70	67	0.957142857	1
RVBD_2204c	-	1775	1635	0.921126761	1
RVBD_2205c	-	96	69	0.71875	1
RVBD_2206	-	215	140	0.651162791	1
RVBD_2207	cobT	55	66	1.2	1
RVBD_2208	cobS	8	11	1.375	1
RVBD_2209	-	9	13	1.444444444	1
RVBD_2210c	ilvE	69	40	0.579710145	1
RVBD_2211c	gcvT	100	48	0.48	1
RVBD_2212	-	21	16	0.761904762	1
RVBD_2213	pepB	56	45	0.803571429	1
RVBD_2214c	ephD	33	37	1.121212121	1
RVBD_2215	dlaT	179	192	1.072625698	1
RVBD_2216	-	70	81	1.157142857	1
RVBD_2217	lipB	113	110	0.973451327	1
RVBD_2218	lipA	107	191	1.785046729	1
RVBD_2219	-	290	365	1.25862069	1
RVBD_2219A	-	19	42	2.210526316	1
RVBD_2220	glnA1	523	407	0.778202677	1
RVBD_2221c	glnE	75	69	0.92	1
RVBD_2222c	glnA2	227	196	0.863436123	1
RVBD_2223c	-	40	35	0.875	1
RVBD_2224c	-	141	120	0.85106383	1
RVBD_2225	panB	116	79	0.681034483	1
RVBD_2226	-	45	39	0.866666667	1
RVBD_2227	-	11	26	2.363636364	1
RVBD_2228c	-	19	31	1.631578947	1
RVBD_2229c	-	50	75	1.5	1
RVBD_2230c	-	29	40	1.379310345	1
RVBD_2231Ac	-	6	11	1.833333333	1
RVBD_2231B	-	22	17	0.772727273	1
RVBD_2231c	cobC	18	16	0.888888889	1
RVBD_2232	-	21	20	0.952380952	1
RVBD_2234	ptpA	15	18	1.2	1
RVBD_2235	-	42	74	1.761904762	1
RVBD_2236c	cobD	6	5	0.833333333	1
RVBD_2237	-	26	31	1.192307692	1
RVBD_2237A	-	358	426	1.189944134	1
RVBD_2238c	ahpE	49	85	1.734693878	1
RVBD_2239c	-	946	1319	1.394291755	1
RVBD_2240c	-	96	80	0.833333333	1
RVBD_2241	aceE	172	163	0.947674419	1
RVBD_2242	-	34	45	1.323529412	1
RVBD_2243	fabD	203	245	1.206896552	1
RVBD_2244	acpP	1520	2205	1.450657895	1
RVBD_2245	kasA	495	974	1.967676768	1
RVBD_2246	kasB	381	650	1.706036745	1
RVBD_2247	accD6	172	259	1.505813953	1
RVBD_2248	-	29	49	1.689655172	1
RVBD_2249c	glpD1	3	7	2.333333333	1
RVBD_2250c	-	3	8	2.666666667	1
RVBD_2251	-	6	12	2	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2252	-	10	36	3.6	1
RVBD_2253	-	4	35	8.75	1
RVBD_2254c	-	11	7	0.636363636	1
RVBD_2255A	-	1	4	4	1
RVBD_2255c	-	115	71	0.617391304	1
RVBD_2256c	-	280	222	0.792857143	1
RVBD_2257c	-	53	65	1.226415094	1
RVBD_2258c	-	255	195	0.764705882	1
RVBD_2259	adhE2	79	42	0.53164557	1
RVBD_2260	-	89	69	0.775280899	1
RVBD_2261c	-	3	12	4	1
RVBD_2262c	-	11	23	2.090909091	1
RVBD_2263	-	36	35	0.972222222	1
RVBD_2264c	-	10	16	1.6	1
RVBD_2265	-	2	6	3	1
RVBD_2266	cyp124	33	53	1.606060606	1
RVBD_2267c	-	4	44	11	1
RVBD_2268c	cyp128	5	16	3.2	1
RVBD_2269c	-	1	3	3	1
RVBD_2270	lppN	6	12	2	1
RVBD_2271	-	175	162	0.925714286	1
RVBD_2272	-	42	40	0.952380952	1
RVBD_2273	-	15	26	1.733333333	1
RVBD_2274A	-	38	52	1.368421053	1
RVBD_2274c	-	25	30	1.2	1
RVBD_2275	-	126	49	0.388888889	1
RVBD_2276	cyp121	68	37	0.544117647	1
RVBD_2277c	-	2	5	2.5	1
RVBD_2278	-	78	128	1.641025641	1
RVBD_2279	-	61	152	2.491803279	1
RVBD_2280	-	32	54	1.6875	1
RVBD_2281	pitB	12	48	4	1
RVBD_2282c	-	2	4	2	1
RVBD_2283	-	2	9	4.5	1
RVBD_2284	lipM	23	39	1.695652174	1
RVBD_2285	-	20	30	1.5	1
RVBD_2286c	-	17	50	2.941176471	1
RVBD_2287	yjcE	7	12	1.714285714	1
RVBD_2288	-	188	427	2.271276596	1
RVBD_2289	cdh	189	383	2.026455026	1
RVBD_2290	lppO	229	363	1.585152838	1
RVBD_2291	sseB	84	101	1.202380952	1
RVBD_2292c	-	8	19	2.375	1
RVBD_2293c	-	16	28	1.75	1
RVBD_2294	-	14	11	0.785714286	1
RVBD_2295	-	254	305	1.200787402	1
RVBD_2296	-	46	67	1.456521739	1
RVBD_2297	-	87	145	1.666666667	1
RVBD_2298	-	48	85	1.770833333	1
RVBD_2299c	htpG	85	125	1.470588235	1
RVBD_2300c	-	10	21	2.1	1
RVBD_2301	cut2	95	149	1.568421053	1
RVBD_2302	-	133	376	2.827067669	1
RVBD_2303c	-	15	42	2.8	1
RVBD_2304c	-	14	26	1.857142857	1
RVBD_2305	-	13	17	1.307692308	1
RVBD_2306A	-	6	10	1.666666667	1
RVBD_2306B	-	4	16	4	1
RVBD_2307A	-	44	74	1.681818182	1
RVBD_2307B	-	12	25	2.083333333	1
RVBD_2307c	-	15	16	1.066666667	1
RVBD_2307D	-	41	32	0.780487805	1
RVBD_2308	-	10	13	1.3	1
RVBD_2309A	-	2	20	10	1
RVBD_2309c	-	16	25	1.5625	1
RVBD_2309Xc	-	9	21	2.333333333	1
RVBD_2310	-	1	2	2	1
RVBD_2311	-	5	19	3.8	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2312	-	60	99	1.65	1
RVBD_2313c	-	79	110	1.392405063	1
RVBD_2314c	-	32	32	1	1
RVBD_2315c	-	52	47	0.903846154	1
RVBD_2316	uspA	2	6	3	1
RVBD_2317	uspB	1	7	7	1
RVBD_2318	uspC	3	12	4	1
RVBD_2319c	-	13	19	1.461538462	1
RVBD_2320c	rocE	5	9	1.8	1
RVBD_2321c	rocD2	9	13	1.444444444	1
RVBD_2322c	rocD1	8	13	1.625	1
RVBD_2323c	-	15	13	0.866666667	1
RVBD_2324	-	9	13	1.444444444	1
RVBD_2325c	-	52	56	1.076923077	1
RVBD_2326c	-	117	91	0.777777778	1
RVBD_2327	-	206	105	0.509708738	1
RVBD_2328	PE23	16	15	0.9375	1
RVBD_2329c	narK1	209	197	0.942583732	1
RVBD_2330c	lppP	12	26	2.166666667	1
RVBD_2331	-	77	98	1.272727273	1
RVBD_2331A	-	44	42	0.954545455	1
RVBD_2332	mez	26	32	1.230769231	1
RVBD_2333c	-	14	28	2	1
RVBD_2334	cysK1	162	51	0.314814815	1
RVBD_2335	cysE	98	28	0.285714286	1
RVBD_2336	-	27	85	3.148148148	1
RVBD_2337c	-	11	79	7.181818182	1
RVBD_2338c	moeW	34	130	3.823529412	1
RVBD_2339	mmpL9	30	67	2.233333333	1
RVBD_2340c	PE_PGRS39	55	60	1.090909091	1
RVBD_2341	lppQ	6	9	1.5	1
RVBD_2342	-	149	222	1.489932886	1
RVBD_2343c	dnaG	36	60	1.666666667	1
RVBD_2344c	dgt	35	31	0.885714286	1
RVBD_2345	-	46	45	0.97826087	1
RVBD_2346c	esxO	697	1672	2.398852224	1
RVBD_2347c	esxP	6004	5371	0.894570286	1
RVBD_2348c	-	1026	2780	2.709551657	1
RVBD_2349c	plcC	7	18	2.571428571	1
RVBD_2350c	plcB	26	40	1.538461538	1
RVBD_2351c	plcA	5	10	2	1
RVBD_2352c	PPE38	51	100	1.960784314	1
RVBD_2353c	PPE39	2	34	17	0.892460667
RVBD_2354	-	77	127	1.649350649	1
RVBD_2355	-	61	152	2.491803279	1
RVBD_2356c	PPE40	68	99	1.455882353	1
RVBD_2357c	glyS	56	59	1.053571429	1
RVBD_2358	-	49	14	0.285714286	1
RVBD_2359	furB	68	50	0.735294118	1
RVBD_2360c	-	29	34	1.172413793	1
RVBD_2361c	-	30	37	1.233333333	1
RVBD_2362c	recO	16	17	1.0625	1
RVBD_2363	amiA2	20	16	0.8	1
RVBD_2364c	era	69	41	0.594202899	1
RVBD_2365c	-	82	52	0.634146341	1
RVBD_2366c	-	103	64	0.621359223	1
RVBD_2367c	-	120	91	0.758333333	1
RVBD_2368c	phoH1	201	186	0.925373134	1
RVBD_2369c	-	80	129	1.6125	1
RVBD_2370c	-	15	40	2.666666667	1
RVBD_2371	PE_PGRS40	14	20	1.428571429	1
RVBD_2372c	-	72	71	0.986111111	1
RVBD_2373c	dnaJ2	282	152	0.539007092	1
RVBD_2374c	hrcA	217	135	0.622119816	1
RVBD_2375	-	70	99	1.414285714	1
RVBD_2376c	cfp2	81	140	1.728395062	1
RVBD_2377c	mbtH	157	40	0.25477707	1
RVBD_2378c	mbtG	54	14	0.259259259	1

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RVBD_2379c	mbtF	20	5	0.25	1
RVBD_2380c	mbtE	27	8	0.296296296	1
RVBD_2381c	mbtD	15	5	0.333333333	1
RVBD_2382c	mbtC	139	10	0.071942446	1
RVBD_2383c	mbtB	75	8	0.106666667	0.006974138
RVBD_2384	mbtA	24	4	0.166666667	1
RVBD_2385	mbtJ	7	6	0.857142857	1
RVBD_2386A	-	197	274	1.390862944	1
RVBD_2386c	mbtI	93	5	0.053763441	1
RVBD_2387	-	54	77	1.425925926	1
RVBD_2388c	hemN	54	46	0.851851852	1
RVBD_2389c	rpfD	57	49	0.859649123	1
RVBD_2390c	-	31	22	0.709677419	1
RVBD_2391	nirA	618	199	0.322006472	1
RVBD_2392	cysH	191	82	0.429319372	1
RVBD_2393	-	109	60	0.550458716	1
RVBD_2394	ggtB	82	55	0.670731707	1
RVBD_2395	-	63	64	1.015873016	1
RVBD_2395A	-	726	2664	3.669421488	1
RVBD_2395B	-	604	2131	3.528145695	1
RVBD_2396	PE_PGRS41	165	413	2.503030303	1
RVBD_2397c	cysA1	33	25	0.757575758	1
RVBD_2398c	cysW	45	22	0.488888889	1
RVBD_2399c	cysT	40	22	0.55	1
RVBD_2400c	subI	118	51	0.43220339	1
RVBD_2401	-	3	10	3.333333333	1
RVBD_2401A	-	46	56	1.217391304	1
RVBD_2402	-	60	88	1.466666667	1
RVBD_2403c	lppR	64	67	1.046875	1
RVBD_2404c	lepA	69	66	0.956521739	1
RVBD_2405	-	35	78	2.228571429	1
RVBD_2406c	-	38	140	3.684210526	1
RVBD_2407	-	4	12	3	1
RVBD_2408	PE24	4	19	4.75	1
RVBD_2409c	-	141	204	1.446808511	1
RVBD_2410c	-	102	108	1.058823529	1
RVBD_2411c	-	82	70	0.853658537	1
RVBD_2412	rpsT	232	212	0.913793103	1
RVBD_2413c	-	25	12	0.48	1
RVBD_2414c	-	31	15	0.483870968	1
RVBD_2415c	-	21	9	0.428571429	1
RVBD_2416c	eis	57	22	0.385964912	1
RVBD_2417c	-	27	29	1.074074074	1
RVBD_2418c	-	81	91	1.12345679	1
RVBD_2419c	-	61	51	0.836065574	1
RVBD_2420c	-	102	85	0.833333333	1
RVBD_2421c	nadD	71	55	0.774647887	1
RVBD_2422	-	1	5	5	1
RVBD_2423	-	8	12	1.5	1
RVBD_2424c	-	11	14	1.272727273	1
RVBD_2425c	-	31	50	1.612903226	1
RVBD_2426c	-	72	89	1.236111111	1
RVBD_2427Ac	-	12	15	1.25	1
RVBD_2427c	proA	129	112	0.868217054	1
RVBD_2428	ahpC	312	348	1.115384615	1
RVBD_2429	ahpD	146	179	1.226027397	1
RVBD_2430c	PPE41	386	276	0.715025907	1
RVBD_2431c	PE25	646	425	0.657894737	1
RVBD_2432c	-	350	295	0.842857143	1
RVBD_2433c	-	4	11	2.75	1
RVBD_2434c	-	10	18	1.8	1
RVBD_2435c	-	15	28	1.866666667	1
RVBD_2436	rbsK	7	8	1.142857143	1
RVBD_2437	-	4	7	1.75	1
RVBD_2438A	-	1	4	4	1
RVBD_2438c	nadE	103	86	0.834951456	1
RVBD_2439c	proB	16	16	1	1
RVBD_2440c	obgE	132	84	0.636363636	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2441c	rpmA	1951	1544	0.791389031	1
RVBD_2442c	rplU	1928	1519	0.787863071	1
RVBD_2443	dctA	28	35	1.25	1
RVBD_2444c	rne	467	245	0.524625268	1
RVBD_2445c	ndk	108	102	0.944444444	1
RVBD_2446c	-	43	45	1.046511628	1
RVBD_2447c	folC	53	50	0.943396226	1
RVBD_2448c	valS	94	58	0.617021277	1
RVBD_2449c	-	59	45	0.762711864	1
RVBD_2450c	rpfE	107	13	0.121495327	1
RVBD_2451	-	6	16	2.666666667	1
RVBD_2452c	-	109	314	2.880733945	1
RVBD_2453c	mobA	48	231	4.8125	1
RVBD_2454c	-	107	341	3.186915888	1
RVBD_2455c	-	378	601	1.58994709	1
RVBD_2456c	-	69	59	0.855072464	1
RVBD_2457c	clpX	727	741	1.019257221	1
RVBD_2458	mmuM	8	12	1.5	1
RVBD_2459	-	30	63	2.1	1
RVBD_2460c	clpP2	662	692	1.045317221	1
RVBD_2461c	clpP	461	442	0.958785249	1
RVBD_2462c	tig	204	136	0.666666667	1
RVBD_2463	lipP	121	114	0.94214876	1
RVBD_2464c	-	18	21	1.166666667	1
RVBD_2465c	-	159	159	1	1
RVBD_2466c	-	22	80	3.636363636	1
RVBD_2467	pepN	47	42	0.893617021	1
RVBD_2468A	-	658	534	0.811550152	1
RVBD_2468c	-	117	109	0.931623932	1
RVBD_2469c	-	26	50	1.923076923	1
RVBD_2470	glbO	63	53	0.841269841	1
RVBD_2471	aglA	49	31	0.632653061	1
RVBD_2472	-	102	87	0.852941176	1
RVBD_2473	-	25	32	1.28	1
RVBD_2474c	-	26	30	1.153846154	1
RVBD_2475c	-	33	56	1.696969697	1
RVBD_2476c	gdh	95	125	1.315789474	1
RVBD_2477c	-	349	226	0.64756447	1
RVBD_2478c	-	32	14	0.4375	1
RVBD_2479c	-	61	151	2.475409836	1
RVBD_2480c	-	77	127	1.649350649	1
RVBD_2481c	-	6	27	4.5	1
RVBD_2482c	plsB2	34	123	3.617647059	1
RVBD_2483c	plsC	102	298	2.921568627	1
RVBD_2484c	-	66	146	2.212121212	1
RVBD_2485c	lipQ	4	13	3.25	1
RVBD_2486	echA14	19	23	1.210526316	1
RVBD_2487c	PE_PGRS42	4	6	1.5	1
RVBD_2488c	-	7	13	1.857142857	1
RVBD_2489c	-	84	89	1.05952381	1
RVBD_2490c	PE_PGRS43	12	6	0.5	1
RVBD_2491	-	5	24	4.8	1
RVBD_2492	-	8	24	3	1
RVBD_2493	-	23	16	0.695652174	1
RVBD_2494	-	37	41	1.108108108	1
RVBD_2495c	pdhC	174	249	1.431034483	1
RVBD_2496c	pdhB	166	234	1.409638554	1
RVBD_2497c	pdhA	107	136	1.271028037	1
RVBD_2498c	citE	36	41	1.138888889	1
RVBD_2499c	-	46	49	1.065217391	1
RVBD_2500c	fadE19	201	417	2.074626866	1
RVBD_2501c	accA1	73	49	0.671232877	1
RVBD_2502c	accD1	50	32	0.64	1
RVBD_2503c	scoB	79	60	0.759493671	1
RVBD_2504c	scoA	67	52	0.776119403	1
RVBD_2505c	fadD35	10	23	2.3	1
RVBD_2506	-	3	8	2.666666667	1
RVBD_2507	-	58	154	2.655172414	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2508c	-	7	11	1.571428571	1
RVBD_2509	-	52	41	0.788461538	1
RVBD_2510c	-	33	38	1.151515152	1
RVBD_2511	orn	17	22	1.294117647	1
RVBD_2512A	-	232	198	0.853448276	1
RVBD_2512c	-	118	94	0.796610169	1
RVBD_2513	-	91	94	1.032967033	1
RVBD_2514c	-	7	18	2.571428571	1
RVBD_2515c	-	3	4	1.333333333	1
RVBD_2516c	-	75	62	0.826666667	1
RVBD_2517c	-	395	395	1	1
RVBD_2518c	lppS	102	151	1.480392157	1
RVBD_2519	PE26	185	128	0.691891892	1
RVBD_2520c	-	36	69	1.916666667	1
RVBD_2521	bcp	90	77	0.855555556	1
RVBD_2522c	-	111	77	0.693693694	1
RVBD_2523c	acpS	263	139	0.52851711	1
RVBD_2524c	fas	86	118	1.372093023	1
RVBD_2525c	-	150	101	0.673333333	1
RVBD_2526	-	44	37	0.840909091	1
RVBD_2527	-	14	10	0.714285714	1
RVBD_2528c	mrr	2	11	5.5	1
RVBD_2529	-	7	9	1.285714286	1
RVBD_2530A	-	32	71	2.21875	1
RVBD_2530c	-	22	23	1.045454545	1
RVBD_2531c	-	45	58	1.288888889	1
RVBD_2532c	-	64	76	1.1875	1
RVBD_2533c	nusB	56	50	0.892857143	1
RVBD_2534c	efp	296	237	0.800675676	1
RVBD_2535c	pepQ	132	113	0.856060606	1
RVBD_2536	-	85	88	1.035294118	1
RVBD_2537c	aroD	22	15	0.681818182	1
RVBD_2538c	aroB	63	42	0.666666667	1
RVBD_2539c	aroK	150	59	0.393333333	1
RVBD_2540c	aroF	270	90	0.333333333	1
RVBD_2541	-	22	17	0.772727273	1
RVBD_2542	-	48	33	0.6875	1
RVBD_2543	lppA	20	38	1.9	1
RVBD_2544	lppB	16	33	2.0625	1
RVBD_2545	-	4	8	2	1
RVBD_2546	-	1	6	6	1
RVBD_2547	-	22	19	0.863636364	1
RVBD_2548	-	19	27	1.421052632	1
RVBD_2548A	-	386	525	1.360103627	1
RVBD_2549c	-	41	34	0.829268293	1
RVBD_2550c	-	49	50	1.020408163	1
RVBD_2551c	-	58	23	0.396551724	1
RVBD_2552c	aroE	72	26	0.361111111	1
RVBD_2553c	-	185	88	0.475675676	1
RVBD_2554c	-	138	58	0.420289855	1
RVBD_2555c	alaS	362	200	0.552486188	1
RVBD_2556c	-	489	373	0.762781186	1
RVBD_2557	-	242	1010	4.173553719	0.865280261
RVBD_2558	-	72	370	5.138888889	0.686533242
RVBD_2559c	-	9	11	1.222222222	1
RVBD_2560	-	7	13	1.857142857	1
RVBD_2561	-	50	47	0.94	1
RVBD_2562	-	31	31	1	1
RVBD_2563	-	27	23	0.851851852	1
RVBD_2564	glnQ	49	70	1.428571429	1
RVBD_2565	-	30	40	1.333333333	1
RVBD_2566	-	7	11	1.571428571	1
RVBD_2567	-	43	45	1.046511628	1
RVBD_2568c	-	21	44	2.095238095	1
RVBD_2569c	-	10	16	1.6	1
RVBD_2570	-	47	84	1.787234043	1
RVBD_2571c	-	14	19	1.357142857	1
RVBD_2572c	aspS	38	31	0.815789474	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2573	-	4	9	2.25	1
RVBD_2574	-	20	26	1.3	1
RVBD_2575	-	46	73	1.586956522	1
RVBD_2576c	-	330	237	0.718181818	1
RVBD_2577	-	6	11	1.833333333	1
RVBD_2578c	-	4	6	1.5	1
RVBD_2579	dhaA	16	21	1.3125	1
RVBD_2580c	hisS	119	71	0.596638655	1
RVBD_2581c	-	40	22	0.55	1
RVBD_2582	ppiB	69	64	0.927536232	1
RVBD_2583c	relA	163	358	2.196319018	1
RVBD_2584c	apt	103	203	1.970873786	1
RVBD_2585c	-	107	106	0.990654206	1
RVBD_2586c	secF	103	95	0.922330097	1
RVBD_2587c	secD	273	206	0.754578755	1
RVBD_2588c	yajC	289	181	0.626297578	1
RVBD_2589	gabT	54	36	0.666666667	1
RVBD_2590	fadD9	127	138	1.086614173	1
RVBD_2591	PE_PGRS44	28	14	0.5	1
RVBD_2592c	ruvB	35	10	0.285714286	1
RVBD_2593c	ruvA	38	9	0.236842105	1
RVBD_2594c	ruvC	143	37	0.258741259	1
RVBD_2595	-	25	29	1.16	1
RVBD_2596	-	12	13	1.083333333	1
RVBD_2597	-	38	44	1.157894737	1
RVBD_2598	-	9	21	2.333333333	1
RVBD_2599	-	11	43	3.909090909	1
RVBD_2600	-	20	61	3.05	1
RVBD_2601	speE	4	8	2	1
RVBD_2601A	-	54	32	0.592592593	1
RVBD_2602	-	31	25	0.806451613	1
RVBD_2603c	-	246	175	0.711382114	1
RVBD_2604c	-	63	76	1.206349206	1
RVBD_2605c	tesB2	220	185	0.840909091	1
RVBD_2606c	-	182	158	0.868131868	1
RVBD_2607	pdxH	22	33	1.5	1
RVBD_2608	PPE42	23	39	1.695652174	1
RVBD_2609c	-	70	53	0.757142857	1
RVBD_2610c	pimA	72	57	0.791666667	1
RVBD_2611c	-	74	67	0.905405405	1
RVBD_2612c	pgsA1	54	54	1	1
RVBD_2613c	-	42	38	0.904761905	1
RVBD_2614A	-	2	2	1	1
RVBD_2614c	thrS	109	68	0.623853211	1
RVBD_2615c	PE_PGRS45	34	29	0.852941176	1
RVBD_2616	-	30	16	0.533333333	1
RVBD_2617c	-	18	21	1.166666667	1
RVBD_2618	-	14	6	0.428571429	1
RVBD_2619c	-	25	25	1	1
RVBD_2620c	-	32	36	1.125	1
RVBD_2621c	-	51	33	0.647058824	1
RVBD_2622	-	5	4	0.8	1
RVBD_2623	TB31.7	970	16	0.016494845	9.99E-11
RVBD_2624c	-	135	5	0.037037037	3.30E-04
RVBD_2625c	-	319	9	0.028213166	0.235789619
RVBD_2626c	-	1458	24	0.016460905	2.04E-06
RVBD_2627c	-	306	9	0.029411765	0.230326759
RVBD_2628	-	465	20	0.043010753	0.892460667
RVBD_2629	-	1079	97	0.089898054	1.04E-19
RVBD_2630	-	223	20	0.089686099	1
RVBD_2631	-	205	32	0.156097561	0.08935126
RVBD_2632c	-	82	929	11.32926829	1
RVBD_2633c	-	68	523	7.691176471	1
RVBD_2634c	PE_PGRS46	10	11	1.1	1
RVBD_2635	-	1	9	9	1
RVBD_2636	-	12	34	2.833333333	1
RVBD_2637	dedA	15	31	2.066666667	1
RVBD_2638	-	12	51	4.25	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2639c	-	53	64	1.20754717	1
RVBD_2640c	-	43	25	0.581395349	1
RVBD_2641	cadI	18	24	1.333333333	1
RVBD_2642	-	31	28	0.903225806	1
RVBD_2643	arsC	3	7	2.333333333	1
RVBD_2643A	-	6	14	2.333333333	1
RVBD_2644c	-	12	16	1.333333333	1
RVBD_2645	-	125	174	1.392	1
RVBD_2646	-	30	42	1.4	1
RVBD_2647	-	19	20	1.052631579	1
RVBD_2648	-	79	129	1.632911392	1
RVBD_2649	-	61	151	2.475409836	1
RVBD_2650c	-	13	6	0.461538462	1
RVBD_2651c	-	22	12	0.545454545	1
RVBD_2652c	-	3	9	3	1
RVBD_2653c	-	4	14	3.5	1
RVBD_2654c	-	4	1	0.25	1
RVBD_2655c	-	6	10	1.666666667	1
RVBD_2656c	-	11	11	1	1
RVBD_2657c	-	40	63	1.575	1
RVBD_2658c	-	6	29	4.833333333	1
RVBD_2659c	-	8	22	2.75	1
RVBD_2660c	-	6	10	1.666666667	1
RVBD_2661c	-	10	12	1.2	1
RVBD_2662	-	10	21	2.1	1
RVBD_2663	-	70	157	2.242857143	1
RVBD_2664	-	63	101	1.603174603	1
RVBD_2665	-	118	72	0.610169492	1
RVBD_2666	-	41	28	0.682926829	1
RVBD_2667	clpC2	5	10	2	1
RVBD_2668	-	7	26	3.714285714	1
RVBD_2669	-	9	32	3.555555556	1
RVBD_2670c	-	5	15	3	1
RVBD_2671	ribD	12	18	1.5	1
RVBD_2672	-	41	46	1.12195122	1
RVBD_2673	-	45	54	1.2	1
RVBD_2674	-	72	97	1.347222222	1
RVBD_2675c	-	56	75	1.339285714	1
RVBD_2676c	-	190	177	0.931578947	1
RVBD_2677c	hemY	36	23	0.638888889	1
RVBD_2678c	hemE	44	16	0.363636364	1
RVBD_2679	echA15	71	50	0.704225352	1
RVBD_2680	-	83	70	0.843373494	1
RVBD_2681	-	30	28	0.933333333	1
RVBD_2682c	dxs1	109	118	1.082568807	1
RVBD_2683	-	31	33	1.064516129	1
RVBD_2684	arsA	27	40	1.481481481	1
RVBD_2685	arsB1	21	21	1	1
RVBD_2686c	-	6	17	2.833333333	1
RVBD_2687c	-	14	33	2.357142857	1
RVBD_2688c	-	36	46	1.277777778	1
RVBD_2689c	-	16	51	3.1875	1
RVBD_2690c	-	18	53	2.944444444	1
RVBD_2691	ceoB	40	49	1.225	1
RVBD_2692	ceoC	49	88	1.795918367	1
RVBD_2693c	-	85	97	1.141176471	1
RVBD_2694c	-	740	600	0.810810811	1
RVBD_2695	-	8	22	2.75	1
RVBD_2696c	-	138	128	0.927536232	1
RVBD_2697c	dut	363	296	0.815426997	1
RVBD_2698	-	15	20	1.333333333	1
RVBD_2699c	-	102	329	3.225490196	1
RVBD_2700	-	36	35	0.972222222	1
RVBD_2701c	suhB	44	16	0.363636364	1
RVBD_2702	ppgK	36	60	1.666666667	1
RVBD_2703	sigA	895	462	0.516201117	1
RVBD_2704	-	233	139	0.596566524	1
RVBD_2705c	-	31	63	2.032258065	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2706c	-	17	30	1.764705882	1
RVBD_2707	-	213	221	1.037558685	1
RVBD_2708c	-	590	895	1.516949153	1
RVBD_2709	-	82	139	1.695121951	1
RVBD_2710	sigB	1549	1197	0.772756617	1
RVBD_2711	ideR	275	288	1.047272727	1
RVBD_2712c	-	18	18	1	1
RVBD_2713	sthA	43	64	1.488372093	1
RVBD_2714	-	127	104	0.818897638	1
RVBD_2715	-	115	140	1.217391304	1
RVBD_2716	-	220	263	1.195454545	1
RVBD_2717c	-	33	33	1	1
RVBD_2718c	-	51	52	1.019607843	1
RVBD_2719c	-	84	23	0.273809524	1
RVBD_2720	lexA	173	57	0.329479769	1
RVBD_2721c	-	58	44	0.75862069	1
RVBD_2722	-	14	21	1.5	1
RVBD_2723	-	43	92	2.139534884	1
RVBD_2724c	fadE20	95	91	0.957894737	1
RVBD_2725c	hflX	210	110	0.523809524	1
RVBD_2726c	dapF	163	136	0.834355828	1
RVBD_2727c	miaA	37	30	0.810810811	1
RVBD_2728c	-	19	11	0.578947368	1
RVBD_2729c	-	35	26	0.742857143	1
RVBD_2730	-	5	26	5.2	1
RVBD_2731	-	32	52	1.625	1
RVBD_2732c	-	58	71	1.224137931	1
RVBD_2733c	-	152	111	0.730263158	1
RVBD_2734	-	24	23	0.958333333	1
RVBD_2735c	-	90	68	0.755555556	1
RVBD_2736c	recX	93	48	0.516129032	1
RVBD_2737A	-	6	12	2	1
RVBD_2737c	recA	178	57	0.320224719	1
RVBD_2738c	-	118	106	0.898305085	1
RVBD_2739c	-	97	45	0.463917526	1
RVBD_2740	-	38	36	0.947368421	1
RVBD_2741	PE_PGRS47	87	88	1.011494253	1
RVBD_2742c	-	60	65	1.083333333	1
RVBD_2743c	-	86	121	1.406976744	1
RVBD_2744c	35kd_ag	322	287	0.891304348	1
RVBD_2745c	-	1080	721	0.667592593	1
RVBD_2746c	pgsA3	11	12	1.090909091	1
RVBD_2747	-	24	27	1.125	1
RVBD_2748c	ftsK	47	22	0.468085106	1
RVBD_2749	-	31	29	0.935483871	1
RVBD_2750	-	16	23	1.4375	1
RVBD_2751	-	11	33	3	1
RVBD_2752c	-	39	57	1.461538462	1
RVBD_2753c	dapA	91	91	1	1
RVBD_2754c	thyX	13	16	1.230769231	1
RVBD_2755c	hsdS.1	28	43	1.535714286	1
RVBD_2756c	hsdM	21	31	1.476190476	1
RVBD_2757c	-	37	37	1	1
RVBD_2758c	-	24	30	1.25	1
RVBD_2759c	-	10	10	1	1
RVBD_2760c	-	5	5	1	1
RVBD_2761c	hsdS	25	36	1.44	1
RVBD_2762c	-	20	31	1.55	1
RVBD_2763c	dfrA	275	270	0.981818182	1
RVBD_2764c	thyA	147	153	1.040816327	1
RVBD_2765	-	6	25	4.166666667	1
RVBD_2766c	fabG	37	73	1.972972973	1
RVBD_2767c	-	45	134	2.977777778	1
RVBD_2768c	PPE43	23	137	5.956521739	1
RVBD_2769c	PE27	28	306	10.92857143	1
RVBD_2770c	PPE44	35	58	1.657142857	1
RVBD_2771c	-	41	123	3	1
RVBD_2772c	-	49	65	1.326530612	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2773c	dapB	60	80	1.333333333	1
RVBD_2774c	-	3	8	2.666666667	1
RVBD_2775	-	42	81	1.928571429	1
RVBD_2776c	-	14	19	1.357142857	1
RVBD_2777c	-	149	89	0.597315436	1
RVBD_2778c	-	291	445	1.529209622	1
RVBD_2779c	-	15	17	1.133333333	1
RVBD_2780	ald	45	1167	25.93333333	2.35E-58
RVBD_2781c	-	74	57	0.77027027	1
RVBD_2782c	pepR	278	36	0.129496403	0.006287657
RVBD_2783c	gpsI	657	177	0.269406393	0.929203391
RVBD_2784c	lppU	168	117	0.696428571	1
RVBD_2785c	rpsO	2746	2633	0.958849235	1
RVBD_2786c	ribF	48	50	1.041666667	1
RVBD_2787	-	7	14	2	1
RVBD_2788	sirR	25	36	1.44	1
RVBD_2789c	fadE21	82	65	0.792682927	1
RVBD_2790c	ltp1	133	94	0.706766917	1
RVBD_2791c	-	270	169	0.625925926	1
RVBD_2792c	-	201	76	0.378109453	1
RVBD_2793c	truB	71	36	0.507042254	1
RVBD_2794c	-	57	35	0.614035088	1
RVBD_2795c	-	109	60	0.550458716	1
RVBD_2796c	lppV	22	36	1.636363636	1
RVBD_2797c	-	14	16	1.142857143	1
RVBD_2798c	-	61	54	0.885245902	1
RVBD_2799	-	29	64	2.206896552	1
RVBD_2800	-	9	23	2.555555556	1
RVBD_2801A	-	32	41	1.28125	1
RVBD_2801c	-	27	18	0.666666667	1
RVBD_2802c	-	31	20	0.64516129	1
RVBD_2803	-	35	59	1.685714286	1
RVBD_2804c	-	1	7	7	1
RVBD_2805	-	25	29	1.16	1
RVBD_2806	-	16	22	1.375	1
RVBD_2807	-	2	11	5.5	1
RVBD_2808	-	137	135	0.98540146	1
RVBD_2809	-	132	119	0.901515152	1
RVBD_2810c	-	6	14	2.333333333	1
RVBD_2811	-	6	3	0.5	1
RVBD_2812	-	4	7	1.75	1
RVBD_2813	-	4	4	1	1
RVBD_2814c	-	61	151	2.475409836	1
RVBD_2815c	-	77	127	1.649350649	1
RVBD_2816c	-	18	30	1.666666667	1
RVBD_2817c	-	6	13	2.166666667	1
RVBD_2818c	-	19	35	1.842105263	1
RVBD_2819c	-	68	80	1.176470588	1
RVBD_2820c	-	19	29	1.526315789	1
RVBD_2821c	-	24	48	2	1
RVBD_2822c	-	62	94	1.516129032	1
RVBD_2823c	-	9	20	2.222222222	1
RVBD_2824c	-	8	20	2.5	1
RVBD_2825c	-	66	139	2.106060606	1
RVBD_2826c	-	19	12	0.631578947	1
RVBD_2827c	-	23	17	0.739130435	1
RVBD_2828A	-	24	20	0.833333333	1
RVBD_2828c	-	32	36	1.125	1
RVBD_2829c	-	15	14	0.933333333	1
RVBD_2830c	-	25	50	2	1
RVBD_2831	echA16	11	8	0.727272727	1
RVBD_2832c	ugpC	3	9	3	1
RVBD_2833c	ugpB	2	9	4.5	1
RVBD_2834c	ugpE	3	8	2.666666667	1
RVBD_2835c	ugpA	11	14	1.272727273	1
RVBD_2836c	dinF	63	25	0.396825397	1
RVBD_2837c	-	656	235	0.358231707	1
RVBD_2838c	rbfA	775	255	0.329032258	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2839c	infB	409	200	0.488997555	1
RVBD_2840c	-	5440	5642	1.037132353	1
RVBD_2841c	nusA	118	79	0.669491525	1
RVBD_2842c	-	161	115	0.714285714	1
RVBD_2843	-	72	33	0.458333333	1
RVBD_2844	-	55	41	0.745454545	1
RVBD_2845c	proS	60	49	0.816666667	1
RVBD_2846c	efpA	156	180	1.153846154	1
RVBD_2847c	cysG	57	35	0.614035088	1
RVBD_2848c	cobB	21	17	0.80952381	1
RVBD_2849c	cobO	154	145	0.941558442	1
RVBD_2850c	-	61	48	0.786885246	1
RVBD_2851c	-	635	532	0.837795276	1
RVBD_2852c	mqo	70	47	0.671428571	1
RVBD_2853	PE_PGRS48	23	33	1.434782609	1
RVBD_2854	-	20	43	2.15	1
RVBD_2855	mtr	19	25	1.315789474	1
RVBD_2856	nicT	28	37	1.321428571	1
RVBD_2856A	-	2	6	3	1
RVBD_2856B	-	1	2	2	1
RVBD_2857c	-	57	51	0.894736842	1
RVBD_2858c	aldC	48	39	0.8125	1
RVBD_2859c	-	42	31	0.738095238	1
RVBD_2860c	glnA4	28	21	0.75	1
RVBD_2861c	mapB	120	70	0.583333333	1
RVBD_2862A	-	1	16	16	1
RVBD_2862c	-	14	24	1.714285714	1
RVBD_2863	-	1	5	5	1
RVBD_2864c	-	15	17	1.133333333	1
RVBD_2865	-	54	39	0.722222222	1
RVBD_2866	-	33	31	0.939393939	1
RVBD_2867c	-	97	144	1.484536082	1
RVBD_2868c	ispG	344	317	0.921511628	1
RVBD_2869c	-	103	99	0.961165049	1
RVBD_2870c	dxr	21	21	1	1
RVBD_2871	-	38	28	0.736842105	1
RVBD_2872	-	23	13	0.565217391	1
RVBD_2873	mpt83	17	19	1.117647059	1
RVBD_2873A	-	8	7	0.875	1
RVBD_2874	dipZ	6	12	2	1
RVBD_2875	mpt70	27	15	0.555555556	1
RVBD_2876	-	129	103	0.798449612	1
RVBD_2877c	-	34	39	1.147058824	1
RVBD_2878c	mpt53	112	75	0.669642857	1
RVBD_2881c	cdsA	66	106	1.606060606	1
RVBD_2882c	frr	218	315	1.444954128	1
RVBD_2883c	pyrH	189	171	0.904761905	1
RVBD_2884	-	19	28	1.473684211	1
RVBD_2885c	-	32	11	0.34375	1
RVBD_2886c	-	41	15	0.365853659	1
RVBD_2887	-	24	12	0.5	1
RVBD_2888c	amiC	106	51	0.481132075	1
RVBD_2889c	tsf	440	187	0.425	1
RVBD_2890c	rpsB	746	341	0.457104558	1
RVBD_2891	-	1	4	4	1
RVBD_2892c	PPE45	26	26	1	1
RVBD_2893	-	3	5	1.666666667	1
RVBD_2894c	xerC	45	43	0.955555556	1
RVBD_2895c	viuB	65	89	1.369230769	1
RVBD_2896c	-	20	28	1.4	1
RVBD_2897c	-	7	4	0.571428571	1
RVBD_2898c	-	31	26	0.838709677	1
RVBD_2899c	fdhD	42	63	1.5	1
RVBD_2900c	fdhF	97	73	0.75257732	1
RVBD_2901c	-	1038	587	0.565510597	1
RVBD_2902c	rnhB	438	211	0.48173516	1
RVBD_2903c	lepB	268	185	0.690298507	1
RVBD_2904c	rplS	2874	1821	0.633611691	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2905	lppW	108	97	0.898148148	1
RVBD_2906c	trmD	29	33	1.137931034	1
RVBD_2907c	rimM	41	38	0.926829268	1
RVBD_2908c	-	98	90	0.918367347	1
RVBD_2909c	rpsP	271	184	0.67896679	1
RVBD_2910c	-	10	17	1.7	1
RVBD_2911	dacB2	21	10	0.476190476	1
RVBD_2912c	-	27	20	0.740740741	1
RVBD_2913c	-	11	18	1.636363636	1
RVBD_2914c	pknI	16	53	3.3125	1
RVBD_2915c	-	30	49	1.633333333	1
RVBD_2916c	ffh	121	144	1.190082645	1
RVBD_2917	-	7	11	1.571428571	1
RVBD_2918c	glnD	36	24	0.666666667	1
RVBD_2919c	glnB	837	863	1.031063321	1
RVBD_2920c	amt	92	103	1.119565217	1
RVBD_2921c	ftsY	44	43	0.977272727	1
RVBD_2922A	acyP	36	17	0.472222222	1
RVBD_2922c	smc	48	48	1	1
RVBD_2923c	-	108	74	0.685185185	1
RVBD_2924c	fpg	27	19	0.703703704	1
RVBD_2925c	rnc	162	144	0.888888889	1
RVBD_2926c	-	166	123	0.740963855	1
RVBD_2927c	-	241	172	0.713692946	1
RVBD_2928	tesA	99	86	0.868686869	1
RVBD_2929	-	101	102	1.00990099	1
RVBD_2930	fadD26	1024	341	0.333007813	1
RVBD_2931	ppsA	390	166	0.425641026	1
RVBD_2932	ppsB	180	86	0.477777778	1
RVBD_2933	ppsC	80	59	0.7375	1
RVBD_2934	ppsD	130	71	0.546153846	1
RVBD_2935	ppsE	346	72	0.208092486	0.086796397
RVBD_2936	drrA	347	83	0.239193084	0.649755957
RVBD_2937	drrB	214	56	0.261682243	1
RVBD_2938	drrC	186	52	0.279569892	1
RVBD_2939	papA5	246	116	0.471544715	1
RVBD_2940c	mas	619	229	0.369951535	1
RVBD_2941	fadD28	611	308	0.504091653	1
RVBD_2942	mmpL7	202	101	0.5	1
RVBD_2943	-	26	18	0.692307692	1
RVBD_2945c	lppX	130	119	0.915384615	1
RVBD_2946c	pks1	150	69	0.46	1
RVBD_2947c	pks15	131	67	0.511450382	1
RVBD_2948c	fadD22	426	189	0.443661972	1
RVBD_2949c	-	1583	466	0.294377764	1
RVBD_2950c	fadD29	1397	548	0.392269148	1
RVBD_2951c	-	103	82	0.796116505	1
RVBD_2952	-	206	120	0.582524272	1
RVBD_2953	-	47	39	0.829787234	1
RVBD_2954c	-	370	337	0.910810811	1
RVBD_2955c	-	57	41	0.719298246	1
RVBD_2956	-	42	29	0.69047619	1
RVBD_2957	-	17	14	0.823529412	1
RVBD_2958c	-	38	54	1.421052632	1
RVBD_2959c	-	389	349	0.897172237	1
RVBD_2960c	-	44	48	1.090909091	1
RVBD_2961	-	4	22	5.5	1
RVBD_2962c	-	57	46	0.807017544	1
RVBD_2963	-	9	14	1.555555556	1
RVBD_2964	purU	12	28	2.333333333	1
RVBD_2964B	-	41	143	3.487804878	1
RVBD_2965c	coaD	63	73	1.158730159	1
RVBD_2966c	-	26	44	1.692307692	1
RVBD_2967c	pca	47	90	1.914893617	1
RVBD_2968c	-	158	167	1.056962025	1
RVBD_2969c	-	85	102	1.2	1
RVBD_2970A	-	309	322	1.042071197	1
RVBD_2970c	lipN	74	78	1.054054054	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_2971	-	135	121	0.896296296	1
RVBD_2972c	-	25	18	0.72	1
RVBD_2973c	recG	20	11	0.55	1
RVBD_2974c	-	22	10	0.454545455	1
RVBD_2975A	-	509	432	0.848722986	1
RVBD_2975c	-	52	46	0.884615385	1
RVBD_2976c	ung	17	17	1	1
RVBD_2977c	thiL	59	37	0.627118644	1
RVBD_2978c	-	26	14	0.538461538	1
RVBD_2979c	-	105	41	0.39047619	1
RVBD_2980	-	8	11	1.375	1
RVBD_2981c	ddl	66	33	0.5	1
RVBD_2982c	gpsA	32	26	0.8125	1
RVBD_2983	-	10	11	1.1	1
RVBD_2984	ppk	27	39	1.444444444	1
RVBD_2985	mutT1	44	62	1.409090909	1
RVBD_2986c	hupB	1503	341	0.226879574	0.156596886
RVBD_2987c	leuD	244	93	0.381147541	1
RVBD_2988c	leuC	298	158	0.530201342	1
RVBD_2989	-	106	50	0.471698113	1
RVBD_2990c	-	195	681	3.492307692	1
RVBD_2991	-	22	23	1.045454545	1
RVBD_2992c	gltX	53	45	0.849056604	1
RVBD_2993c	-	104	71	0.682692308	1
RVBD_2994	-	30	40	1.333333333	1
RVBD_2995c	leuB	45	52	1.155555556	1
RVBD_2996c	serA1	117	76	0.64957265	1
RVBD_2997	-	1	3	3	1
RVBD_2998	-	23	13	0.565217391	1
RVBD_2998A	-	1	7	7	1
RVBD_2999	lppY	20	20	1	1
RVBD_3000	-	4	5	1.25	1
RVBD_3001c	ilvC	221	149	0.674208145	1
RVBD_3002c	ilvH	395	220	0.556962025	1
RVBD_3003c	ilvB1	252	134	0.531746032	1
RVBD_3004	cfp6	16	10	0.625	1
RVBD_3005c	-	91	96	1.054945055	1
RVBD_3006	lppZ	236	263	1.11440678	1
RVBD_3007c	-	22	32	1.454545455	1
RVBD_3008	-	157	123	0.78343949	1
RVBD_3009c	gatB	147	139	0.945578231	1
RVBD_3010c	pfkA	84	77	0.916666667	1
RVBD_3011c	gatA	22	8	0.363636364	1
RVBD_3012c	gatC	37	14	0.378378378	1
RVBD_3013	-	49	11	0.224489796	1
RVBD_3014c	ligA	24	19	0.791666667	1
RVBD_3015c	-	29	30	1.034482759	1
RVBD_3016	lpqA	39	157	4.025641026	1
RVBD_3017c	esxQ	24	34	1.416666667	1
RVBD_3018Bc	PE27A	25	16	0.64	1
RVBD_3018c	PPE46	17	21	1.235294118	1
RVBD_3019c	esxR	13	13	1	1
RVBD_3020c	esxS	30	22	0.733333333	1
RVBD_3021c	PPE47	15	18	1.2	1
RVBD_3022A	PE29	9	9	1	1
RVBD_3023c	-	115	92	0.8	1
RVBD_3024c	trmU	95	92	0.968421053	1
RVBD_3025c	iscS	133	87	0.654135338	1
RVBD_3026c	-	7	12	1.714285714	1
RVBD_3027c	-	59	23	0.389830508	1
RVBD_3028c	fixB	165	72	0.436363636	1
RVBD_3029c	fixA	985	379	0.384771574	1
RVBD_3030	-	50	26	0.52	1
RVBD_3031	-	19	15	0.789473684	1
RVBD_3032	-	28	22	0.785714286	1
RVBD_3032A	-	12	13	1.083333333	1
RVBD_3033	-	12	37	3.083333333	1
RVBD_3034c	-	179	166	0.927374302	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3035	-	21	17	0.80952381	1
RVBD_3036c	TB22.2	57	87	1.526315789	1
RVBD_3037c	-	30	19	0.633333333	1
RVBD_3038c	-	81	50	0.617283951	1
RVBD_3039c	echA17	17	23	1.352941176	1
RVBD_3040c	-	29	37	1.275862069	1
RVBD_3041c	-	71	77	1.084507042	1
RVBD_3042c	serB2	33	122	3.696969697	1
RVBD_3043c	ctaD	54	112	2.074074074	1
RVBD_3044	fecB	60	96	1.6	1
RVBD_3045	adhC	128	196	1.53125	1
RVBD_3046c	-	200	613	3.065	1
RVBD_3047c	-	162	75	0.462962963	1
RVBD_3048c	nrdF	458	141	0.307860262	1
RVBD_3049c	-	852	234	0.274647887	0.783383875
RVBD_3050c	-	426	322	0.755868545	1
RVBD_3051c	nrdE	993	1453	1.463242699	1
RVBD_3052c	nrdI	1006	1130	1.123260437	1
RVBD_3053c	nrdH	2454	2747	1.119396903	1
RVBD_3054c	-	4	15	3.75	1
RVBD_3055	-	8	16	2	1
RVBD_3056	dinP	20	40	2	1
RVBD_3057c	-	45	74	1.644444444	1
RVBD_3058c	-	73	119	1.630136986	1
RVBD_3059	cyp136	47	121	2.574468085	1
RVBD_3060c	-	32	55	1.71875	1
RVBD_3061c	fadE22	56	60	1.071428571	1
RVBD_3062	ligB	16	15	0.9375	1
RVBD_3063	cstA	9	21	2.333333333	1
RVBD_3064c	-	9	15	1.666666667	1
RVBD_3065	mmr	27	35	1.296296296	1
RVBD_3066	-	4	6	1.5	1
RVBD_3067	-	31	38	1.225806452	1
RVBD_3068c	pgmA	25	30	1.2	1
RVBD_3069	ccrB	8	14	1.75	1
RVBD_3070	ccrB	31	58	1.870967742	1
RVBD_3071	-	13	29	2.230769231	1
RVBD_3072c	-	33	37	1.121212121	1
RVBD_3073c	-	14	8	0.571428571	1
RVBD_3074	-	34	12	0.352941176	1
RVBD_3075c	-	106	68	0.641509434	1
RVBD_3076	-	17	11	0.647058824	1
RVBD_3077	-	16	20	1.25	1
RVBD_3078	hab	10	31	3.1	1
RVBD_3079c	-	9	64	7.111111111	1
RVBD_3080c	pknK	15	26	1.733333333	1
RVBD_3081	-	19	19	1	1
RVBD_3082c	virS	1	4	4	1
RVBD_3083	-	7	16	2.285714286	1
RVBD_3084	lipR	3	9	3	1
RVBD_3085	-	3	11	3.666666667	1
RVBD_3086	adhD	28	48	1.714285714	1
RVBD_3087	-	16	43	2.6875	1
RVBD_3088	-	10	38	3.8	1
RVBD_3089	fadD13	12	40	3.333333333	1
RVBD_3090	-	10	30	3	1
RVBD_3091	-	32	25	0.78125	1
RVBD_3092c	-	96	95	0.989583333	1
RVBD_3093c	-	17	15	0.882352941	1
RVBD_3094c	-	13	12	0.923076923	1
RVBD_3095	-	131	158	1.20610687	1
RVBD_3096	-	32	38	1.1875	1
RVBD_3097c	PE_PGRS63	4	7	1.75	1
RVBD_3098A	-	136	161	1.183823529	1
RVBD_3098B	-	166	222	1.337349398	1
RVBD_3098c	-	7	34	4.857142857	1
RVBD_3099c	-	69	72	1.043478261	1
RVBD_3100c	smpB	87	114	1.310344828	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3101c	ftsX	122	119	0.975409836	1
RVBD_3102c	ftsE	40	42	1.05	1
RVBD_3103c	-	101	90	0.891089109	1
RVBD_3104c	-	161	124	0.770186335	1
RVBD_3105c	prfB	145	107	0.737931034	1
RVBD_3106	fprA	17	31	1.823529412	1
RVBD_3107c	agpS	13	27	2.076923077	1
RVBD_3108	-	1	9	9	1
RVBD_3109	moaA1	7	16	2.285714286	1
RVBD_3110	moaB1	2	9	4.5	1
RVBD_3111	moaC	1	9	9	1
RVBD_3112	moaD1	3	8	2.666666667	1
RVBD_3113	-	1	8	8	1
RVBD_3114	-	2	12	6	1
RVBD_3115	-	115	91	0.791304348	1
RVBD_3116	moeB2	136	133	0.977941176	1
RVBD_3117	cysA3	569	382	0.671353251	1
RVBD_3118	sseC1	529	411	0.776937618	1
RVBD_3119	moaE1	149	199	1.33557047	1
RVBD_3120	-	52	71	1.365384615	1
RVBD_3121	cyp141	32	49	1.53125	1
RVBD_3122	-	169	121	0.715976331	1
RVBD_3123	-	16	20	1.25	1
RVBD_3124	-	36	40	1.111111111	1
RVBD_3125c	PPE49	13	10	0.769230769	1
RVBD_3126c	-	5	2	0.4	1
RVBD_3127	-	854	35	0.040983607	4.49E-37
RVBD_3129	-	15	8	0.533333333	1
RVBD_3130c	-	908	46	0.050660793	3.98E-48
RVBD_3131	-	484	86	0.17768595	0.025894588
RVBD_3132c	devS	205	53	0.258536585	0.754671206
RVBD_3133c	devR	431	46	0.106728538	0.170146813
RVBD_3134c	-	595	34	0.057142857	2.71E-05
RVBD_3135	PPE50	1007	253	0.251241311	0.400356829
RVBD_3136	PPE51	541	265	0.489833641	1
RVBD_3136A	-	19	57	3	1
RVBD_3137	-	187	65	0.347593583	1
RVBD_3138	pflA	80	58	0.725	1
RVBD_3139	fadE24	214	97	0.453271028	1
RVBD_3140	fadE23	231	107	0.463203463	1
RVBD_3141	fadB4	142	129	0.908450704	1
RVBD_3142c	-	87	161	1.850574713	1
RVBD_3143	-	12	16	1.333333333	1
RVBD_3144c	PPE52	67	146	2.179104478	1
RVBD_3145	nuoA	56	78	1.392857143	1
RVBD_3146	nuoB	97	158	1.628865979	1
RVBD_3147	nuoC	56	110	1.964285714	1
RVBD_3148	nuoD	94	188	2	1
RVBD_3149	nuoE	58	102	1.75862069	1
RVBD_3150	nuoF	68	113	1.661764706	1
RVBD_3151	nuoG	71	99	1.394366197	1
RVBD_3152	nuoH	43	80	1.860465116	1
RVBD_3153	nuoI	71	116	1.633802817	1
RVBD_3154	nuoJ	42	73	1.738095238	1
RVBD_3155	nuoK	63	100	1.587301587	1
RVBD_3156	nuoL	72	119	1.652777778	1
RVBD_3157	nuoM	38	79	2.078947368	1
RVBD_3158	nuoN	52	96	1.846153846	1
RVBD_3159c	PPE53	65	79	1.215384615	1
RVBD_3160c	-	77	38	0.493506494	1
RVBD_3161c	-	113	34	0.300884956	1
RVBD_3162c	-	1	11	11	1
RVBD_3163c	-	2	11	5.5	1
RVBD_3164c	moxR3	18	67	3.722222222	1
RVBD_3165c	-	8	34	4.25	1
RVBD_3166c	-	5	14	2.8	1
RVBD_3167c	-	3	6	2	1
RVBD_3168	-	9	29	3.222222222	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3169	-	9	41	4.555555556	1
RVBD_3170	aofH	12	24	2	1
RVBD_3171c	hpx	86	48	0.558139535	1
RVBD_3172c	-	70	66	0.942857143	1
RVBD_3173c	-	34	37	1.088235294	1
RVBD_3174	-	1	3	3	1
RVBD_3175	-	1	6	6	1
RVBD_3176c	mesT	6	15	2.5	1
RVBD_3177	-	1	16	16	1
RVBD_3178	-	1	18	18	1
RVBD_3179	-	4	12	3	1
RVBD_3180c	-	13	14	1.076923077	1
RVBD_3181c	-	10	11	1.1	1
RVBD_3182	-	16	11	0.6875	1
RVBD_3183	-	4	3	0.75	1
RVBD_3184	-	77	127	1.649350649	1
RVBD_3185	-	61	151	2.475409836	1
RVBD_3186	-	77	127	1.649350649	1
RVBD_3187	-	61	152	2.491803279	1
RVBD_3188	-	10	20	2	1
RVBD_3189	-	14	28	2	1
RVBD_3190A	-	162	145	0.895061728	1
RVBD_3190c	-	103	84	0.815533981	1
RVBD_3191c	-	5	8	1.6	1
RVBD_3192	-	3	7	2.333333333	1
RVBD_3193c	-	133	135	1.015037594	1
RVBD_3194c	-	64	63	0.984375	1
RVBD_3195	-	24	19	0.791666667	1
RVBD_3196	-	1	2	2	1
RVBD_3196A	-	23	55	2.391304348	1
RVBD_3197	-	217	343	1.580645161	1
RVBD_3197A	whiB7	131	49	0.374045802	1
RVBD_3198A	-	105	124	1.180952381	1
RVBD_3198c	uvrD2	28	63	2.25	1
RVBD_3199c	nudC	21	37	1.761904762	1
RVBD_3200c	-	77	69	0.896103896	1
RVBD_3201c	-	10	4	0.4	1
RVBD_3202A	-	23	50	2.173913043	1
RVBD_3202c	-	27	5	0.185185185	1
RVBD_3203	lipV	10	25	2.5	1
RVBD_3204	-	34	61	1.794117647	1
RVBD_3205c	-	140	110	0.785714286	1
RVBD_3206c	moeB1	95	113	1.189473684	1
RVBD_3207c	-	127	116	0.913385827	1
RVBD_3208	-	96	79	0.822916667	1
RVBD_3208A	TB9.4	478	507	1.060669456	1
RVBD_3209	-	84	77	0.916666667	1
RVBD_3210c	-	44	33	0.75	1
RVBD_3211	rhlE	460	194	0.42173913	1
RVBD_3212	-	171	44	0.257309942	1
RVBD_3213c	-	126	120	0.952380952	1
RVBD_3214	gpm2	91	84	0.923076923	1
RVBD_3215	entC	25	43	1.72	1
RVBD_3216	-	24	40	1.666666667	1
RVBD_3217c	-	76	53	0.697368421	1
RVBD_3218	-	23	26	1.130434783	1
RVBD_3219	whiB1	4659	4707	1.01030264	1
RVBD_3220c	-	197	111	0.563451777	1
RVBD_3221A	-	77	150	1.948051948	1
RVBD_3221c	TB7.3	503	354	0.703777336	1
RVBD_3222c	-	183	216	1.180327869	1
RVBD_3223c	sigH	408	397	0.973039216	1
RVBD_3224	-	120	96	0.8	1
RVBD_3224A	-	46	35	0.760869565	1
RVBD_3224B	-	35	24	0.685714286	1
RVBD_3225c	-	81	57	0.703703704	1
RVBD_3226c	-	21	18	0.857142857	1
RVBD_3227	aroA	20	14	0.7	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3228	-	12	18	1.5	1
RVBD_3229c	-	163	602	3.693251534	1
RVBD_3230c	-	59	163	2.762711864	1
RVBD_3231c	-	25	39	1.56	1
RVBD_3232c	pvdS	127	184	1.448818898	1
RVBD_3233c	-	103	143	1.388349515	1
RVBD_3234c	-	100	84	0.84	1
RVBD_3235	-	12	37	3.083333333	1
RVBD_3236c	-	63	69	1.095238095	1
RVBD_3237c	-	124	234	1.887096774	1
RVBD_3238c	-	10	27	2.7	1
RVBD_3239c	-	9	33	3.666666667	1
RVBD_3240c	secA1	220	348	1.581818182	1
RVBD_3241c	-	115	412	3.582608696	1
RVBD_3242c	-	32	36	1.125	1
RVBD_3243c	-	17	20	1.176470588	1
RVBD_3244c	lpqB	84	84	1	1
RVBD_3245c	mtrB	114	114	1	1
RVBD_3246c	mtrA	250	231	0.924	1
RVBD_3247c	tmk	66	28	0.424242424	1
RVBD_3248c	sahH	1110	385	0.346846847	1
RVBD_3249c	-	130	39	0.3	1
RVBD_3250c	rubB	423	88	0.208037825	1
RVBD_3251c	rubA	898	99	0.110244989	1
RVBD_3252c	alkB	217	22	0.101382488	0.404131995
RVBD_3253c	-	8	14	1.75	1
RVBD_3254	-	15	23	1.533333333	1
RVBD_3255c	manA	62	69	1.112903226	1
RVBD_3256c	-	45	41	0.911111111	1
RVBD_3257c	manB	187	136	0.727272727	1
RVBD_3258c	-	54	17	0.314814815	1
RVBD_3259	-	10	16	1.6	1
RVBD_3260c	whiB2	332	191	0.575301205	1
RVBD_3261	fbiA	40	32	0.8	1
RVBD_3262	fbiB	35	29	0.828571429	1
RVBD_3263	-	14	13	0.928571429	1
RVBD_3264c	manB	102	73	0.715686275	1
RVBD_3265c	wbbL1	103	68	0.660194175	1
RVBD_3266c	rmlD	27	20	0.740740741	1
RVBD_3267	-	96	43	0.447916667	1
RVBD_3268	-	122	51	0.418032787	1
RVBD_3269	-	857	40	0.046674446	1
RVBD_3270	ctpC	128	12	0.09375	0.451575096
RVBD_3271c	-	47	37	0.787234043	1
RVBD_3272	-	84	93	1.107142857	1
RVBD_3273	-	42	80	1.904761905	1
RVBD_3274c	fadE25	157	175	1.114649682	1
RVBD_3275c	purE	125	109	0.872	1
RVBD_3276c	purK	53	33	0.622641509	1
RVBD_3277	-	85	46	0.541176471	1
RVBD_3278c	-	17	22	1.294117647	1
RVBD_3279c	birA	8	9	1.125	1
RVBD_3280	accD5	193	151	0.78238342	1
RVBD_3281	-	499	508	1.018036072	1
RVBD_3282	maf	118	105	0.889830508	1
RVBD_3283	sseA	245	220	0.897959184	1
RVBD_3284	-	203	169	0.832512315	1
RVBD_3285	accA3	166	132	0.795180723	1
RVBD_3286c	sigF	20	43	2.15	1
RVBD_3287c	rsbW	92	103	1.119565217	1
RVBD_3288c	usfY	48	70	1.458333333	1
RVBD_3289c	-	75	80	1.066666667	1
RVBD_3290c	lat	114	218	1.912280702	1
RVBD_3291c	-	23	37	1.608695652	1
RVBD_3292	-	25	42	1.68	1
RVBD_3293	pcd	31	34	1.096774194	1
RVBD_3294c	-	1	7	7	1
RVBD_3295	-	53	124	2.339622642	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3296	lhr	23	20	0.869565217	1
RVBD_3297	nei	14	18	1.285714286	1
RVBD_3298c	lpqC	13	23	1.769230769	1
RVBD_3299c	atsB	25	64	2.56	1
RVBD_3300c	-	16	40	2.5	1
RVBD_3301c	phoY1	65	101	1.553846154	1
RVBD_3302c	glpD2	30	46	1.533333333	1
RVBD_3303c	lpdA	27	25	0.925925926	1
RVBD_3304	-	57	41	0.719298246	1
RVBD_3305c	amiA1	53	49	0.924528302	1
RVBD_3306c	amiB1	47	20	0.425531915	1
RVBD_3307	deoD	72	28	0.388888889	1
RVBD_3308	pmmB	25	22	0.88	1
RVBD_3309c	upp	9	9	1	1
RVBD_3310	-	38	28	0.736842105	1
RVBD_3311	-	76	85	1.118421053	1
RVBD_3312A	-	208	425	2.043269231	1
RVBD_3312c	-	33	48	1.454545455	1
RVBD_3313c	add	12	37	3.083333333	1
RVBD_3314c	deoA	11	23	2.090909091	1
RVBD_3315c	cdd	2	5	2.5	1
RVBD_3316	sdhC	27	52	1.925925926	1
RVBD_3317	sdhD	56	92	1.642857143	1
RVBD_3318	sdhA	35	78	2.228571429	1
RVBD_3319	sdhB	36	63	1.75	1
RVBD_3320c	-	27	16	0.592592593	1
RVBD_3321c	-	39	25	0.641025641	1
RVBD_3322c	-	11	11	1	1
RVBD_3323c	moaX	46	39	0.847826087	1
RVBD_3324c	moaC	8	14	1.75	1
RVBD_3325	-	77	129	1.675324675	1
RVBD_3326	-	61	153	2.508196721	1
RVBD_3327	-	6	18	3	1
RVBD_3328c	sigJ	30	35	1.166666667	1
RVBD_3329	-	44	44	1	1
RVBD_3330	dacB1	60	40	0.666666667	1
RVBD_3331	sugI	80	69	0.8625	1
RVBD_3332	nagA	13	12	0.923076923	1
RVBD_3333c	-	3	16	5.333333333	1
RVBD_3334	-	55	223	4.054545455	1
RVBD_3335c	-	61	32	0.524590164	1
RVBD_3336c	trpS	91	37	0.406593407	1
RVBD_3337	-	106	33	0.311320755	1
RVBD_3338	-	102	27	0.264705882	1
RVBD_3339c	icd1	70	76	1.085714286	1
RVBD_3340	metC	89	42	0.471910112	1
RVBD_3341	metX	147	88	0.598639456	1
RVBD_3342	-	51	37	0.725490196	1
RVBD_3343c	PPE54	19	42	2.210526316	1
RVBD_3344c	PE_PGRS49	29	12	0.413793103	1
RVBD_3345c	PE_PGRS50	14	8	0.571428571	1
RVBD_3346c	-	11	13	1.181818182	1
RVBD_3347c	PPE55	17	40	2.352941176	1
RVBD_3348	-	25	26	1.04	1
RVBD_3349c	-	23	27	1.173913043	1
RVBD_3350c	PPE56	7	16	2.285714286	1
RVBD_3351c	-	2	4	2	1
RVBD_3352c	-	4	3	0.75	1
RVBD_3353c	-	26	15	0.576923077	1
RVBD_3354	-	11	27	2.454545455	1
RVBD_3355c	-	52	75	1.442307692	1
RVBD_3356c	folD	41	28	0.682926829	1
RVBD_3357	-	16	27	1.6875	1
RVBD_3358	-	17	30	1.764705882	1
RVBD_3359	-	3	7	2.333333333	1
RVBD_3360	-	46	38	0.826086957	1
RVBD_3361c	-	38	67	1.763157895	1
RVBD_3362c	-	40	57	1.425	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3363c	-	36	58	1.611111111	1
RVBD_3364c	-	59	90	1.525423729	1
RVBD_3365c	-	74	96	1.297297297	1
RVBD_3366	spoU	11	5	0.454545455	1
RVBD_3367	PE_PGRS51	42	26	0.619047619	1
RVBD_3368c	-	5	9	1.8	1
RVBD_3369	-	31	40	1.290322581	1
RVBD_3370c	dnaE2	30	7	0.233333333	1
RVBD_3371	-	164	235	1.432926829	1
RVBD_3372	otsB2	23	21	0.913043478	1
RVBD_3372A	-	75	48	0.64	1
RVBD_3373	echA18	29	20	0.689655172	1
RVBD_3374	echA18.1	14	13	0.928571429	1
RVBD_3375	amiD	9	17	1.888888889	1
RVBD_3376	-	232	136	0.586206897	1
RVBD_3377c	-	54	104	1.925925926	1
RVBD_3378c	-	17	35	2.058823529	1
RVBD_3379c	dxs2	4	9	2.25	1
RVBD_3380c	-	61	151	2.475409836	1
RVBD_3381c	-	81	132	1.62962963	1
RVBD_3382c	lytB1	45	25	0.555555556	1
RVBD_3383c	idsB	51	26	0.509803922	1
RVBD_3384c	-	44	36	0.818181818	1
RVBD_3385c	-	225	307	1.364444444	1
RVBD_3386	-	10	11	1.1	1
RVBD_3387	-	22	40	1.818181818	1
RVBD_3388	PE_PGRS52	9	11	1.222222222	1
RVBD_3389c	-	158	172	1.088607595	1
RVBD_3390	lpqD	75	88	1.173333333	1
RVBD_3391	acrA1	25	19	0.76	1
RVBD_3392c	cmaA1	88	46	0.522727273	1
RVBD_3393	iunH	15	8	0.533333333	1
RVBD_3394c	-	11	3	0.272727273	1
RVBD_3395A	-	7	10	1.428571429	1
RVBD_3395c	-	64	14	0.21875	1
RVBD_3396c	guaA	87	55	0.632183908	1
RVBD_3397c	phyA	15	15	1	1
RVBD_3398c	idsA1	5	6	1.2	1
RVBD_3399	-	23	35	1.52173913	1
RVBD_3400	-	105	72	0.685714286	1
RVBD_3401	-	48	49	1.020833333	1
RVBD_3402c	-	41	11	0.268292683	1
RVBD_3403c	-	47	39	0.829787234	1
RVBD_3404c	-	40	42	1.05	1
RVBD_3405c	-	22	18	0.818181818	1
RVBD_3406	-	9	13	1.444444444	1
RVBD_3407	-	689	558	0.809869376	1
RVBD_3408	-	833	697	0.836734694	1
RVBD_3409c	choD	35	43	1.228571429	1
RVBD_3410c	guaB3	45	79	1.755555556	1
RVBD_3411c	guaB2	320	223	0.696875	1
RVBD_3412	-	435	415	0.954022989	1
RVBD_3413c	-	38	43	1.131578947	1
RVBD_3414c	sigD	102	67	0.656862745	1
RVBD_3415c	-	14	15	1.071428571	1
RVBD_3416	whiB3	791	738	0.932996207	1
RVBD_3417c	groEL	254	240	0.94488189	1
RVBD_3418c	groES	2045	3416	1.670415648	1
RVBD_3419c	gcp	56	28	0.5	1
RVBD_3420c	rimI	135	82	0.607407407	1
RVBD_3421c	-	20	14	0.7	1
RVBD_3422c	-	73	38	0.520547945	1
RVBD_3423c	alr	50	29	0.58	1
RVBD_3424c	-	104	80	0.769230769	1
RVBD_3425	PPE57	161	31	0.192546584	1
RVBD_3426	PPE58	126	20	0.158730159	1
RVBD_3427c	-	61	60	0.983606557	1
RVBD_3428c	-	1	7	7	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3429	PPE59	445	138	0.31011236	1
RVBD_3430c	-	13	18	1.384615385	1
RVBD_3431c	-	8	33	4.125	1
RVBD_3432c	gadB	6	21	3.5	1
RVBD_3433c	-	6	10	1.666666667	1
RVBD_3434c	-	15	26	1.733333333	1
RVBD_3435c	-	48	69	1.4375	1
RVBD_3436c	glmS	84	88	1.047619048	1
RVBD_3437	-	9	20	2.222222222	1
RVBD_3438	-	63	75	1.19047619	1
RVBD_3439c	-	42	20	0.476190476	1
RVBD_3440c	-	51	41	0.803921569	1
RVBD_3441c	mrsA	104	59	0.567307692	1
RVBD_3442c	rpsI	221	132	0.597285068	1
RVBD_3443c	rplM	509	241	0.473477407	1
RVBD_3444c	esxT	6	14	2.333333333	1
RVBD_3445c	esxU	12	19	1.583333333	1
RVBD_3446c	-	6	6	1	1
RVBD_3447c	-	1	5	5	1
RVBD_3448	-	2	6	3	1
RVBD_3449	mycP4	1	3	3	1
RVBD_3450c	-	5	7	1.4	1
RVBD_3451	cut3	74	63	0.851351351	1
RVBD_3452	cut4	62	33	0.532258065	1
RVBD_3453	-	49	45	0.918367347	1
RVBD_3454	-	29	15	0.517241379	1
RVBD_3455c	truA	209	81	0.387559809	1
RVBD_3456c	rplQ	1292	478	0.36996904	1
RVBD_3457c	rpoA	926	310	0.334773218	1
RVBD_3458c	rpsD	942	518	0.549893843	1
RVBD_3459c	rpsK	1788	917	0.512863535	1
RVBD_3460c	rpsM	2015	976	0.484367246	1
RVBD_3461c	rpmJ	4316	2420	0.560704356	1
RVBD_3462c	infA	4138	2148	0.519091348	1
RVBD_3463	-	23	48	2.086956522	1
RVBD_3464	rmlB	214	186	0.869158879	1
RVBD_3465	rmlC	72	80	1.111111111	1
RVBD_3466	-	58	80	1.379310345	1
RVBD_3467	-	39	86	2.205128205	1
RVBD_3468c	-	3	5	1.666666667	1
RVBD_3469c	mhpE	4	18	4.5	1
RVBD_3470c	ilvB2	4	13	3.25	1
RVBD_3471c	-	1	7	7	1
RVBD_3472	-	16	40	2.5	1
RVBD_3473c	bpoA	1	2	2	1
RVBD_3474	-	77	127	1.649350649	1
RVBD_3475	-	61	152	2.491803279	1
RVBD_3476c	kgtP	4	20	5	1
RVBD_3477	PE31	790	1033	1.307594937	1
RVBD_3478	PPE60	389	449	1.154241645	1
RVBD_3479	-	23	58	2.52173913	1
RVBD_3480c	-	29	43	1.482758621	1
RVBD_3481c	-	38	28	0.736842105	1
RVBD_3482c	-	56	70	1.25	1
RVBD_3483c	-	64	54	0.84375	1
RVBD_3484	cpsA	355	192	0.54084507	1
RVBD_3485c	-	53	30	0.566037736	1
RVBD_3486	-	39	37	0.948717949	1
RVBD_3487c	lipF	262	468	1.786259542	1
RVBD_3488	-	25	8	0.32	1
RVBD_3489	-	908	789	0.868942731	1
RVBD_3490	otsA	251	158	0.629482072	1
RVBD_3491	-	62	110	1.774193548	1
RVBD_3492c	-	58	214	3.689655172	1
RVBD_3493c	-	17	53	3.117647059	1
RVBD_3494c	mce4F	18	54	3	1
RVBD_3495c	lprN	22	65	2.954545455	1
RVBD_3496c	mce4D	62	151	2.435483871	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3497c	mce4C	16	38	2.375	1
RVBD_3498c	mce4B	39	88	2.256410256	1
RVBD_3499c	mce4A	34	72	2.117647059	1
RVBD_3500c	yrbE4B	10	27	2.7	1
RVBD_3501c	yrbE4A	26	58	2.230769231	1
RVBD_3502c	fabG	16	18	1.125	1
RVBD_3503c	fdxD	320	265	0.828125	1
RVBD_3504	fadE26	8	17	2.125	1
RVBD_3505	fadE27	4	9	2.25	1
RVBD_3506	fadD17	5	5	1	1
RVBD_3507	PE_PGRS53	39	28	0.717948718	1
RVBD_3508	PE_PGRS54	47	24	0.510638298	1
RVBD_3509c	ilvX	42	56	1.333333333	1
RVBD_3510c	-	20	16	0.8	1
RVBD_3511	PE_PGRS55	41	14	0.341463415	1
RVBD_3513c	fadD18	18	37	2.055555556	1
RVBD_3514	PE_PGRS57	27	25	0.925925926	1
RVBD_3515c	fadD19	26	39	1.5	1
RVBD_3516	echA19	48	45	0.9375	1
RVBD_3517	-	6	5	0.833333333	1
RVBD_3518c	cyp142	17	30	1.764705882	1
RVBD_3519	-	176	188	1.068181818	1
RVBD_3520c	-	94	71	0.755319149	1
RVBD_3521	-	20	21	1.05	1
RVBD_3522	ltp4	15	16	1.066666667	1
RVBD_3523	ltp3	45	38	0.844444444	1
RVBD_3524	-	84	125	1.488095238	1
RVBD_3525c	-	8	11	1.375	1
RVBD_3526	-	90	113	1.255555556	1
RVBD_3527	-	44	82	1.863636364	1
RVBD_3528c	-	124	237	1.911290323	1
RVBD_3529c	-	11	31	2.818181818	1
RVBD_3530c	-	21	31	1.476190476	1
RVBD_3531c	-	9	11	1.222222222	1
RVBD_3532	PPE61	11	19	1.727272727	1
RVBD_3533c	PPE62	21	37	1.761904762	1
RVBD_3534c	-	44	37	0.840909091	1
RVBD_3535c	-	56	37	0.660714286	1
RVBD_3536c	-	126	72	0.571428571	1
RVBD_3537	-	19	16	0.842105263	1
RVBD_3538	-	10	13	1.3	1
RVBD_3539	PPE63	7	13	1.857142857	1
RVBD_3540c	ltp2	10	18	1.8	1
RVBD_3541c	-	14	29	2.071428571	1
RVBD_3542c	-	22	24	1.090909091	1
RVBD_3543c	fadE29	15	23	1.533333333	1
RVBD_3544c	fadE28	33	43	1.303030303	1
RVBD_3545c	cyp125	16	27	1.6875	1
RVBD_3546	fadA5	10	16	1.6	1
RVBD_3547	-	54	125	2.314814815	1
RVBD_3548c	-	23	31	1.347826087	1
RVBD_3549c	-	42	38	0.904761905	1
RVBD_3550	echA20	13	8	0.615384615	1
RVBD_3551	-	20	13	0.65	1
RVBD_3552	-	10	7	0.7	1
RVBD_3553	-	6	6	1	1
RVBD_3554	fdxB	12	20	1.666666667	1
RVBD_3555c	-	17	7	0.411764706	1
RVBD_3556c	fadA6	38	19	0.5	1
RVBD_3557c	-	108	49	0.453703704	1
RVBD_3558	PPE64	12	34	2.833333333	1
RVBD_3559c	-	3	6	2	1
RVBD_3560c	fadE30	7	10	1.428571429	1
RVBD_3561	fadD3	13	13	1	1
RVBD_3562	fadE31	14	18	1.285714286	1
RVBD_3563	fadE32	6	10	1.666666667	1
RVBD_3564	fadE33	8	13	1.625	1
RVBD_3565	aspB	3	7	2.333333333	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3566A	-	12	22	1.833333333	1
RVBD_3566c	nat	30	63	2.1	1
RVBD_3567c	-	24	46	1.916666667	1
RVBD_3568c	bphC	137	153	1.116788321	1
RVBD_3569c	bphD	50	50	1	1
RVBD_3570c	-	65	49	0.753846154	1
RVBD_3571	hmp	30	42	1.4	1
RVBD_3572	-	141	292	2.070921986	1
RVBD_3573c	fadE34	6	8	1.333333333	1
RVBD_3574	-	23	25	1.086956522	1
RVBD_3575c	-	11	20	1.818181818	1
RVBD_3576	lppH	74	80	1.081081081	1
RVBD_3577	-	9	14	1.555555556	1
RVBD_3578	arsB2	5	8	1.6	1
RVBD_3579c	-	143	136	0.951048951	1
RVBD_3580c	cysS	166	60	0.361445783	1
RVBD_3581c	ispF	322	158	0.49068323	1
RVBD_3582c	ispD	456	278	0.609649123	1
RVBD_3583c	-	2487	2539	1.020908725	1
RVBD_3584	lpqE	117	101	0.863247863	1
RVBD_3585	radA	49	21	0.428571429	1
RVBD_3586	-	26	15	0.576923077	1
RVBD_3587c	-	89	71	0.797752809	1
RVBD_3588c	-	40	97	2.425	1
RVBD_3589	mutY	26	10	0.384615385	1
RVBD_3590c	PE_PGRS58	16	18	1.125	1
RVBD_3591c	-	8	5	0.625	1
RVBD_3592	TB11.2	1320	1038	0.786363636	1
RVBD_3593	lpqF	131	123	0.938931298	1
RVBD_3594	-	22	20	0.909090909	1
RVBD_3595c	PE_PGRS59	41	30	0.731707317	1
RVBD_3596c	clpC1	1168	1045	0.894691781	1
RVBD_3597c	lsr2	268	363	1.354477612	1
RVBD_3598c	lysS	106	64	0.603773585	1
RVBD_3599c	-	43	33	0.76744186	1
RVBD_3600c	-	183	97	0.530054645	1
RVBD_3601c	panD	6	4	0.666666667	1
RVBD_3602c	panC	0	0	0	1
RVBD_3603c	-	75	65	0.866666667	1
RVBD_3604c	-	51	25	0.490196078	1
RVBD_3605c	-	51	52	1.019607843	1
RVBD_3606c	folK	46	39	0.847826087	1
RVBD_3607c	folB	105	79	0.752380952	1
RVBD_3608c	folP1	262	215	0.820610687	1
RVBD_3609c	folE	59	54	0.915254237	1
RVBD_3610c	ftsH	217	151	0.695852535	1
RVBD_3611	-	39	173	4.435897436	1
RVBD_3612c	-	83	576	6.939759036	1
RVBD_3613c	-	163	1163	7.134969325	1
RVBD_3614c	-	456	3746	8.214912281	4.38E-05
RVBD_3615c	-	158	1217	7.702531646	0.012073159
RVBD_3616c	-	453	3114	6.874172185	6.07E-04
RVBD_3617	ephA	16	25	1.5625	1
RVBD_3618	-	10	16	1.6	1
RVBD_3619c	esxV	226	866	3.831858407	1
RVBD_3620c	esxW	1075	1845	1.71627907	1
RVBD_3621c	PPE65	4	13	3.25	1
RVBD_3622c	PE32	2	13	6.5	1
RVBD_3623	lpqG	36	38	1.055555556	1
RVBD_3624c	hpt	81	74	0.913580247	1
RVBD_3625c	mesJ	26	21	0.807692308	1
RVBD_3626c	-	78	67	0.858974359	1
RVBD_3627c	-	68	46	0.676470588	1
RVBD_3628	ppa	50	42	0.84	1
RVBD_3629c	-	25	28	1.12	1
RVBD_3630	-	15	16	1.066666667	1
RVBD_3631	-	58	83	1.431034483	1
RVBD_3632	-	28	42	1.5	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3633	-	27	193	7.148148148	1
RVBD_3634c	galE1	47	40	0.85106383	1
RVBD_3635	-	10	11	1.1	1
RVBD_3636	-	82	127	1.548780488	1
RVBD_3637	-	3	7	2.333333333	1
RVBD_3638	-	1	6	6	1
RVBD_3639c	-	1	2	2	1
RVBD_3640c	-	2	5	2.5	1
RVBD_3641c	fic	75	49	0.653333333	1
RVBD_3642c	-	772	989	1.281088083	1
RVBD_3643	-	1	5	5	1
RVBD_3644c	-	58	34	0.586206897	1
RVBD_3645	-	97	36	0.371134021	1
RVBD_3646c	topA	224	89	0.397321429	1
RVBD_3647c	-	80	39	0.4875	1
RVBD_3648c	cspA	15448	7197	0.465885552	1
RVBD_3649	-	5	5	1	1
RVBD_3650	PE33	7	10	1.428571429	1
RVBD_3651	-	114	104	0.912280702	1
RVBD_3652	PE_PGRS60	75	53	0.706666667	1
RVBD_3653	PE_PGRS61	16	6	0.375	1
RVBD_3654c	-	23	19	0.826086957	1
RVBD_3655c	-	17	14	0.823529412	1
RVBD_3656c	-	14	15	1.071428571	1
RVBD_3657c	-	16	5	0.3125	1
RVBD_3658c	-	14	9	0.642857143	1
RVBD_3659c	-	32	3	0.09375	1
RVBD_3660c	-	82	4	0.048780488	0.017291284
RVBD_3661	-	109	82	0.752293578	1
RVBD_3662c	-	9	16	1.777777778	1
RVBD_3663c	dppD	15	23	1.533333333	1
RVBD_3664c	dppC	6	16	2.666666667	1
RVBD_3665c	dppB	3	10	3.333333333	1
RVBD_3666B	-	5	20	4	1
RVBD_3666c	dppA	22	33	1.5	1
RVBD_3667	acs	20	27	1.35	1
RVBD_3668c	-	44	49	1.113636364	1
RVBD_3669	-	59	62	1.050847458	1
RVBD_3670	ephE	9	14	1.555555556	1
RVBD_3671c	-	37	54	1.459459459	1
RVBD_3672c	-	36	30	0.833333333	1
RVBD_3673c	-	80	90	1.125	1
RVBD_3674c	nth	194	210	1.082474227	1
RVBD_3675	-	95	129	1.357894737	1
RVBD_3676	-	203	288	1.418719212	1
RVBD_3677c	-	151	107	0.708609272	1
RVBD_3678A	-	1226	993	0.80995106	1
RVBD_3678c	-	453	282	0.622516556	1
RVBD_3679	-	228	550	2.412280702	1
RVBD_3680	-	164	519	3.164634146	1
RVBD_3681c	whiB4	249	182	0.730923695	1
RVBD_3682	ponA2	382	251	0.657068063	1
RVBD_3683	-	107	107	1	1
RVBD_3684	-	51	63	1.235294118	1
RVBD_3685c	cyp137	44	58	1.318181818	1
RVBD_3686c	-	664	886	1.334337349	1
RVBD_3687c	rsfB	45	80	1.777777778	1
RVBD_3688c	-	121	163	1.347107438	1
RVBD_3689	-	31	58	1.870967742	1
RVBD_3690	-	44	113	2.568181818	1
RVBD_3691	-	20	68	3.4	1
RVBD_3692	moxR2	33	68	2.060606061	1
RVBD_3693	-	12	27	2.25	1
RVBD_3694c	-	139	174	1.251798561	1
RVBD_3695	-	67	91	1.358208955	1
RVBD_3696c	glpK	27	36	1.333333333	1
RVBD_3697A	-	27	46	1.703703704	1
RVBD_3697c	-	31	46	1.483870968	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3698	-	7	16	2.285714286	1
RVBD_3699	-	78	82	1.051282051	1
RVBD_3700c	-	6	10	1.666666667	1
RVBD_3701c	-	42	78	1.857142857	1
RVBD_3702c	-	17	33	1.941176471	1
RVBD_3703c	-	33	49	1.484848485	1
RVBD_3704c	gshA	43	50	1.162790698	1
RVBD_3705A	-	17	86	5.058823529	1
RVBD_3705c	-	27	58	2.148148148	1
RVBD_3706c	-	48	125	2.604166667	1
RVBD_3707c	-	31	39	1.258064516	1
RVBD_3708c	asd	165	140	0.848484848	1
RVBD_3709c	ask	203	113	0.556650246	1
RVBD_3710	leuA	324	209	0.645061728	1
RVBD_3711c	dnaQ	35	21	0.6	1
RVBD_3712	-	35	20	0.571428571	1
RVBD_3713	cobQ2	34	29	0.852941176	1
RVBD_3714c	-	27	19	0.703703704	1
RVBD_3715c	recR	129	100	0.775193798	1
RVBD_3716c	-	332	184	0.554216867	1
RVBD_3717	-	131	88	0.671755725	1
RVBD_3718c	-	34	24	0.705882353	1
RVBD_3719	-	218	235	1.077981651	1
RVBD_3720	-	139	183	1.316546763	1
RVBD_3721c	dnaZX	85	68	0.8	1
RVBD_3722c	-	143	86	0.601398601	1
RVBD_3723	-	100	95	0.95	1
RVBD_3724A	cut5a	82	124	1.512195122	1
RVBD_3724B	cut5b	42	75	1.785714286	1
RVBD_3725	-	62	53	0.85483871	1
RVBD_3726	-	44	71	1.613636364	1
RVBD_3727	-	8	16	2	1
RVBD_3728	-	9	5	0.555555556	1
RVBD_3729	-	19	36	1.894736842	1
RVBD_3730c	-	11	20	1.818181818	1
RVBD_3731	ligC	10	18	1.8	1
RVBD_3732	-	24	58	2.416666667	1
RVBD_3733c	-	101	326	3.227722772	1
RVBD_3734c	-	31	139	4.483870968	1
RVBD_3735	-	28	64	2.285714286	1
RVBD_3736	-	59	116	1.966101695	1
RVBD_3737	-	28	32	1.142857143	1
RVBD_3738c	PPE66	18	11	0.611111111	1
RVBD_3739c	PPE67	70	24	0.342857143	1
RVBD_3740c	-	28	23	0.821428571	1
RVBD_3741c	-	14	9	0.642857143	1
RVBD_3742c	-	31	23	0.741935484	1
RVBD_3743c	ctpJ	2	5	2.5	1
RVBD_3744	-	61	27	0.442622951	1
RVBD_3745c	-	4	4	1	1
RVBD_3746c	PE34	28	31	1.107142857	1
RVBD_3747	-	89	57	0.640449438	1
RVBD_3748	-	35	34	0.971428571	1
RVBD_3749Ac	-	241	399	1.65560166	1
RVBD_3749c	-	93	172	1.849462366	1
RVBD_3750c	-	815	1567	1.922699387	1
RVBD_3751	-	6	18	3	1
RVBD_3752c	-	18	25	1.388888889	1
RVBD_3753c	-	56	79	1.410714286	1
RVBD_3754	tyrA	15	17	1.133333333	1
RVBD_3755c	-	121	136	1.123966942	1
RVBD_3756c	proZ	32	22	0.6875	1
RVBD_3757c	proW	44	26	0.590909091	1
RVBD_3758c	proV	23	13	0.565217391	1
RVBD_3759c	proX	55	37	0.672727273	1
RVBD_3760	-	14	25	1.785714286	1
RVBD_3761c	fadE36	30	25	0.833333333	1
RVBD_3762c	-	11	20	1.818181818	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3763	lpqH	127	422	3.322834646	1
RVBD_3764c	-	9	17	1.888888889	1
RVBD_3765c	-	48	87	1.8125	1
RVBD_3766	-	27	65	2.407407407	1
RVBD_3767c	-	145	107	0.737931034	1
RVBD_3768	-	18	32	1.777777778	1
RVBD_3769	-	305	291	0.954098361	1
RVBD_3770A	-	68	28	0.411764706	1
RVBD_3770B	-	127	99	0.779527559	1
RVBD_3770c	-	13	13	1	1
RVBD_3771c	-	55	54	0.981818182	1
RVBD_3772	hisC2	19	21	1.105263158	1
RVBD_3773c	-	22	38	1.727272727	1
RVBD_3774	echA21	75	61	0.813333333	1
RVBD_3775	lipE	36	38	1.055555556	1
RVBD_3776	-	31	12	0.387096774	1
RVBD_3777	-	51	62	1.215686275	1
RVBD_3778c	-	143	145	1.013986014	1
RVBD_3779	-	47	42	0.893617021	1
RVBD_3780	-	127	110	0.866141732	1
RVBD_3781	rfbE	59	53	0.898305085	1
RVBD_3782	-	228	291	1.276315789	1
RVBD_3783	rfbD	31	51	1.64516129	1
RVBD_3784	-	30	59	1.966666667	1
RVBD_3785	-	16	26	1.625	1
RVBD_3786c	-	22	29	1.318181818	1
RVBD_3787c	-	7	8	1.142857143	1
RVBD_3788	-	39	52	1.333333333	1
RVBD_3789	-	51	61	1.196078431	1
RVBD_3790	-	33	40	1.212121212	1
RVBD_3791	-	61	101	1.655737705	1
RVBD_3792	-	10	24	2.4	1
RVBD_3793	embC	18	23	1.277777778	1
RVBD_3794	embA	71	40	0.563380282	1
RVBD_3795	embB	49	37	0.755102041	1
RVBD_3796	-	51	62	1.215686275	1
RVBD_3797	fadE35	21	20	0.952380952	1
RVBD_3798	-	64	66	1.03125	1
RVBD_3799c	accD4	399	430	1.077694236	1
RVBD_3800c	pks13	364	336	0.923076923	1
RVBD_3801c	fadD32	465	483	1.038709677	1
RVBD_3802c	-	194	220	1.134020619	1
RVBD_3803c	fbpD	302	169	0.559602649	1
RVBD_3804c	fbpA	1148	512	0.445993031	1
RVBD_3805c	-	95	56	0.589473684	1
RVBD_3806c	-	75	42	0.56	1
RVBD_3807c	-	187	98	0.524064171	1
RVBD_3808c	glfT	108	90	0.833333333	1
RVBD_3809c	glf	66	46	0.696969697	1
RVBD_3810	pirG	139	157	1.129496403	1
RVBD_3811	-	108	93	0.861111111	1
RVBD_3812	PE_PGRS62	21	35	1.666666667	1
RVBD_3813c	-	28	40	1.428571429	1
RVBD_3814c	-	59	82	1.389830508	1
RVBD_3815c	-	92	74	0.804347826	1
RVBD_3816c	-	134	89	0.664179104	1
RVBD_3817	-	10	10	1	1
RVBD_3818	-	50	82	1.64	1
RVBD_3819	-	40	92	2.3	1
RVBD_3820c	papA2	22	33	1.5	1
RVBD_3821	-	97	86	0.886597938	1
RVBD_3822	-	358	567	1.583798883	1
RVBD_3823c	mmpL8	36	234	6.5	0.019432215
RVBD_3824c	papA1	41	419	10.2195122	1.67E-04
RVBD_3825c	pks2	94	312	3.319148936	1
RVBD_3826	fadD23	74	122	1.648648649	1
RVBD_3827c	-	54	55	1.018518519	1
RVBD_3828c	-	114	85	0.745614035	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3829c	-	17	22	1.294117647	1
RVBD_3830c	-	22	20	0.909090909	1
RVBD_3831	-	19	24	1.263157895	1
RVBD_3832c	-	5	12	2.4	1
RVBD_3833	-	21	38	1.80952381	1
RVBD_3834c	serS	7	7	1	1
RVBD_3835	-	61	46	0.754098361	1
RVBD_3836	-	44	36	0.818181818	1
RVBD_3837c	-	394	227	0.576142132	1
RVBD_3838c	pheA	42	23	0.547619048	1
RVBD_3839	-	34	7	0.205882353	1
RVBD_3840	-	24	19	0.791666667	1
RVBD_3841	bfrB	1056	1433	1.357007576	1
RVBD_3842c	glpQ1	189	182	0.962962963	1
RVBD_3843c	-	181	131	0.723756906	1
RVBD_3844	-	29	28	0.965517241	1
RVBD_3845	-	25	41	1.64	1
RVBD_3846	sodA	305	518	1.698360656	1
RVBD_3847	-	130	138	1.061538462	1
RVBD_3848	-	24	16	0.666666667	1
RVBD_3849	espR	282	450	1.595744681	1
RVBD_3850	-	73	103	1.410958904	1
RVBD_3851	-	17	54	3.176470588	1
RVBD_3852	hns	582	737	1.266323024	1
RVBD_3853	menG	19	72	3.789473684	1
RVBD_3854c	ethA	376	43	0.114361702	2.90E-06
RVBD_3855	ethR	141	18	0.127659574	1
RVBD_3856c	-	86	51	0.593023256	1
RVBD_3857Ac	-	173	168	0.971098266	1
RVBD_3857c	-	116	62	0.534482759	1
RVBD_3858c	gltD	250	187	0.748	1
RVBD_3859c	gltB	272	197	0.724264706	1
RVBD_3860	-	14	18	1.285714286	1
RVBD_3861	-	9	6	0.666666667	1
RVBD_3862c	whiB6	235	16	0.068085106	0.675503704
RVBD_3863	-	120	43	0.358333333	1
RVBD_3864	-	145	119	0.820689655	1
RVBD_3865	-	264	333	1.261363636	1
RVBD_3866	-	333	428	1.285285285	1
RVBD_3867	-	404	486	1.202970297	1
RVBD_3868	-	243	273	1.12345679	1
RVBD_3869	-	163	179	1.098159509	1
RVBD_3870	-	253	345	1.363636364	1
RVBD_3871	-	134	199	1.485074627	1
RVBD_3872	PE35	0	0	0	1
RVBD_3873	PPE68	0	0	0	1
RVBD_3874	esxB	0	0	0	1
RVBD_3875	esxA	0	0	0	1
RVBD_3876	-	0	0	0	1
RVBD_3877	-	0	0	0	1
RVBD_3878	-	0	0	0	1
RVBD_3879c	-	0	0	0	1
RVBD_3880c	-	182	271	1.489010989	1
RVBD_3881c	-	407	415	1.01965602	1
RVBD_3882c	-	76	62	0.815789474	1
RVBD_3883c	mycP1	40	19	0.475	1
RVBD_3884c	-	60	77	1.283333333	1
RVBD_3885c	-	41	52	1.268292683	1
RVBD_3886c	mycP2	22	35	1.590909091	1
RVBD_3887c	-	36	46	1.277777778	1
RVBD_3888c	-	37	61	1.648648649	1
RVBD_3889c	-	25	64	2.56	1
RVBD_3890c	esxC	146	433	2.965753425	1
RVBD_3891c	esxD	443	1713	3.866817156	0.928123132
RVBD_3892c	PPE69	9	17	1.888888889	1
RVBD_3893c	PE36	26	67	2.576923077	1
RVBD_3894c	-	32	74	2.3125	1
RVBD_3895c	-	11	24	2.181818182	1

Synonym	Gene Name	Expression plnk	Expression pell	pell/plnk	Q-value (plnkvspell)
RVBD_3896c	-	33	43	1.303030303	1
RVBD_3897c	-	68	87	1.279411765	1
RVBD_3898c	-	80	90	1.125	1
RVBD_3899c	-	8	10	1.25	1
RVBD_3900c	-	96	83	0.864583333	1
RVBD_3901c	-	39	43	1.102564103	1
RVBD_3902c	-	42	57	1.357142857	1
RVBD_3903c	-	38	40	1.052631579	1
RVBD_3904c	esxE	41	12	0.292682927	1
RVBD_3905c	esxF	40	12	0.3	1
RVBD_3906c	-	173	104	0.601156069	1
RVBD_3907c	pcnA	81	55	0.679012346	1
RVBD_3908	-	73	47	0.643835616	1
RVBD_3909	-	59	45	0.762711864	1
RVBD_3910	-	58	68	1.172413793	1
RVBD_3911	sigM	14	24	1.714285714	1
RVBD_3912	-	5	10	2	1
RVBD_3913	trxB2	71	163	2.295774648	1
RVBD_3914	trxC	176	478	2.715909091	1
RVBD_3915	-	80	106	1.325	1
RVBD_3916c	-	92	71	0.77173913	1
RVBD_3917c	parB	207	110	0.531400966	1
RVBD_3918c	parA	173	54	0.312138728	1
RVBD_3919c	gidB	449	100	0.222717149	0.400356829
RVBD_3920c	-	1485	418	0.281481481	1
RVBD_3921c	-	937	383	0.408751334	1
RVBD_3922c	-	973	454	0.46659815	1
RVBD_3923c	rnpA	1119	550	0.491510277	1
RVBD_3924c	rpmH	565	338	0.598230088	1

'Expression' represents the number of raw transcript read number for either pellicle (pell) or planktonic (plnk) growth conditions; 'pell/plnk' represents the fold change between the number of transcripts for each gene in the pellicle growth condition over the planktonic; 'Q-value (plnkvspell)' refers to the probability of statistical significance of the fold change values calculated by Rockhopper between planktonic and pellicle.