

Supplementary Table 1. Summary of expression changes and transcript statistics for Group A *Streptococcus* strainsMGAS5005 (WT) and JRS950 ($\Delta covR$) during *ex vivo* blood culture

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0036_s_at	<i>purB</i>	<i>spy0036</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	5819.27	3424.22	2767.77	-2023.16	1.25E-30	7.91E-06	2.69E-16	0.000225
SpM18_ChORF0030_s_at	-	<i>spyM18_0030</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	5446.91	4091.73	3905.77	-1975.02	2.34E-33	7.91E-06	1.04E-15	0.000225
SpM1_ChORF0026_s_at	<i>purF</i>	<i>spy0026</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	4959.61	3525.50	3364.98	-1856.19	1.91E-34	7.91E-06	6.18E-17	0.000225
SpM1_ChORF0427_s_at	<i>nrdE.1</i>	<i>spy0427</i>	Nucleotides	Nucleotides biosynthesis	Purine, pyrimidine biosynthesis	-	-	4392.55	4655.32	3982.46	-3880.67	1.49E-39	7.91E-06	3.39E-35	0.000225
SpM1_ChORF1213_s_at	<i>fhs.1</i>	<i>spy1213</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	3702.56	2265.86	1953.54	-830.69	1.79E-36	7.91E-06	8.84E-13	0.000225
SpM1_ChORF0747_s_at	-	<i>spy0747</i>	Unknown	Hypothetical protein	Unknown	-	-	3662.12	2834.61	2842.98	-577.45	2.37E-37	7.91E-06	2.53E-08	0.000225
SpM1_ChORF1151_s_at	<i>ldh</i>	<i>spy1151</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	3643.22	-1169.81	-1819.32	-1309.75	9.78E-33	7.91E-06	2.33E-12	0.000225
SpM1_ChORF1738_s_at	<i>manL</i>	<i>spy1738</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	3462.08	3071.52	1143.46	-107.98	8.59E-28	7.91E-06	0.2197777	0.048003
SpM1_ChORF1212_s_at	-	<i>spy1212</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	3220.60	1791.51	1588.73	-942.84	1.87E-30	7.91E-06	1.64E-13	0.000225
SpM1_ChORF1136_s_at	<i>xpt</i>	<i>spy1136</i>	Nucleotides	Nucleotides metabolism	Pyrimidine salvage	-	-	3148.82	1566.65	1324.91	-871.11	5.10E-28	7.91E-06	2.46E-11	0.000225
SpM1_ChORF0034_at	<i>purK</i>	<i>spy0034</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	3108.49	2254.63	2264.19	-1195.06	1.18E-24	7.91E-06	1.40E-10	0.000225
SpM1_ChORF0913_s_at	-	<i>spy0913</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	2982.00	-2105.09	-2145.85	-1165.54	1.27E-25	7.91E-06	2.12E-07	0.000225
SpM1_ChORF0032_s_at	<i>purD</i>	<i>spy0032</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	2911.40	2575.88	2572.68	-1204.00	1.34E-27	7.91E-06	1.34E-12	0.000225
SpM1_ChORF0872_s_at	-	<i>spy0872</i>	Unknown	Hypothetical protein	Unknown	-	-	2877.93	1058.65	437.42	-775.81	1.64E-21	7.91E-06	7.92E-09	0.000225
SpM1_ChORF1630_s_at	-	<i>spy1630</i>	Unknown	Hypothetical protein	Unknown	-	-	2670.40	1157.08	458.27	-329.51	5.36E-19	7.91E-06	0.0125647	0.003535
SpM1_ChORF1137_s_at	-	<i>spy1137</i>	Membrane transport	Membrane transport	Nucleotide membrane transport	-	-	2622.67	1338.46	1137.12	-770.82	8.10E-30	7.91E-06	2.25E-12	0.000225
SpM1_ChORF0038_s_at	<i>ruvB</i>	<i>spy0038</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	2618.47	774.29	422.24	-448.33	5.47E-25	7.91E-06	9.65E-06	0.000225
SpM1_ChORF0819_s_at	<i>rplU</i>	<i>spy0819</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	2540.84	-1630.84	-1904.17	-802.62	1.55E-25	7.91E-06	3.81E-05	0.000225
SpM1_ChORF2202_s_at	<i>hasC</i>	<i>spy2202</i>	Carbohydrate metabolism	Carbohydrate biosynthesis		-	-	2328.60	2094.03	749.35	125.03	8.16E-22	7.91E-06	0.8389557	0.157328
SpM1_ChORF0027_s_at	<i>purM</i>	<i>spy0027</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	2255.57	2072.59	2282.94	-943.52	1.76E-28	7.91E-06	1.55E-11	0.000225
SpM18_ChORF0281_s_at	<i>oppA</i>	<i>spyM18_0281</i>	Membrane transport	Membrane transport	Peptide membrane transport	Essential	-	2231.19	1191.30	-451.23	649.27	5.09E-16	7.91E-06	0.0093817	0.002698
SpM1_ChORF0717_s_at	<i>rpmE</i>	<i>spy0717</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	2135.86	-878.67	-1164.03	-970.84	1.77E-22	7.91E-06	9.79E-09	0.000225
SpM1_ChORF2110_s_at	<i>nrdD</i>	<i>spy2110</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	2017.45	287.06	5.07	-2352.63	1.23E-13	7.91E-06	2.00E-22	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF0033_s_at	<i>purE</i>	<i>spy0033</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	1979.03	1865.95	1903.38	-683.86	4.04E-28	7.91E-06	3.14E-10	0.000225
SpM1_ChORF1737_s_at	-	<i>spy1737</i>	Unknown	Hypothetical protein	Unknown	-	-	1930.57	187.24	-61.05	-194.55	1.44E-23	7.91E-06	0.0076713	0.00225
SpM1_ChORF1227_s_at	-	<i>spy1227</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	1905.91	833.53	311.10	-993.30	2.07E-20	7.91E-06	1.01E-16	0.000225
SpM1_ChORF2151_s_at	<i>argS</i>	<i>spy2151</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	1835.87	1941.51	646.00	-145.25	1.17E-22	7.91E-06	0.0291727	0.007668
SpM1_ChORF0028_s_at	<i>purN</i>	<i>spy0028</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	1775.90	1856.33	2072.83	-799.62	1.28E-25	7.91E-06	1.43E-09	0.000225
SpM1_ChORF2195_s_at	-	<i>spy2195</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	1764.52	37.69	-329.40	-623.88	6.79E-22	7.91E-06	7.01E-10	0.000225
SpM1_ChORF2018_at	<i>emm1</i>	<i>spy2018</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	1751.35	1330.77	39.26	32.20	6.57E-15	7.91E-06	0.8347402	0.156705
SpM1_ChORF1633_s_at	-	<i>spy1633</i>	Unknown	Conserved protein	Unknown	-	-	1731.97	-469.55	-218.06	-312.24	6.63E-18	7.91E-06	0.019498	0.005337
SpM1_ChORF2200_s_at	<i>hasA</i>	<i>spy2200</i>	Carbohydrate metabolism	Carbohydrate biosynthesis		-	-	1718.85	1669.48	832.09	193.88	1.09E-27	7.91E-06	0.0473426	0.011833
SpM1_ChORF0035_at	<i>abiR</i>	<i>spy0035</i>	Other	Hypothetical Protein	Hypothetical Cytosolic Protein	-	-	1571.88	1753.09	1883.59	-521.34	9.01E-27	7.91E-06	3.07E-08	0.000225
SpM1_ChORF1429_s_at	<i>gpmA</i>	<i>spy1429</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	1552.23	366.75	231.91	-141.56	1.16E-13	7.91E-06	0.2799116	0.059726
SpM1_ChORF1370_s_at	-	<i>spy1370</i>	Cell envelope	Cell wall		Essential	Essential	1541.67	179.64	-393.23	-467.70	1.57E-17	7.91E-06	4.74E-06	0.000225
SpM1_ChORF0453_s_at	<i>mtsA</i>	<i>spy0453</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	1527.98	694.28	397.27	300.18	2.87E-14	7.91E-06	0.0423715	0.01069
SpM18_ChORF2196_x_at	<i>rpmF</i>	<i>spyM18_2196</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	1525.94	-1343.88	-1155.74	-676.94	2.91E-20	7.91E-06	7.29E-05	0.000225
SpM1_ChORF1135_s_at	<i>guaC</i>	<i>spy1135</i>	Nucleotides	Nucleotides metabolism	Purine salvage	-	-	1494.58	467.14	338.04	-333.60	5.86E-25	7.91E-06	2.59E-08	0.000225
SpM1_ChORF1739_s_at	<i>manM</i>	<i>spy1739</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	1470.68	2031.36	794.39	-175.41	8.91E-23	7.91E-06	0.1002835	0.023526
SpM18_ChORF2095_s_at	-	<i>spyM18_2095</i>	Unknown	Hypothetical protein	Unknown	-	-	1449.03	1444.39	710.84	-295.19	8.95E-27	7.91E-06	8.10E-06	0.000225
SpM1_ChORF1888_s_at	<i>rpmB</i>	<i>spy1888</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	1414.71	211.38	-417.21	91.20	4.43E-21	7.91E-06	0.2999355	0.063498
SpM1_ChORF1931_s_at	<i>rpsI</i>	<i>spy1931</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	1405.89	-65.02	-107.08	-185.80	6.89E-22	7.91E-06	0.0925286	0.021868
SpM1_ChORF1676_s_at	<i>tkt</i>	<i>spy1676</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	-	1405.04	1245.34	729.19	-670.86	5.53E-12	7.91E-06	1.39E-07	0.000225
SpM1_ChORF1200_s_at	<i>ffh</i>	<i>spy1200</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	1380.98	124.43	75.06	-493.45	3.05E-12	7.91E-06	1.41E-05	0.000225
SpM1_ChORF0416_s_at	<i>prtS</i>	<i>spy0416</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	1317.28	2110.30	1599.00	-694.65	2.15E-08	7.91E-06	0.0008133	0.000352
SpM1_ChORF1865_s_at	-	<i>spy1865</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	1283.89	690.84	535.91	211.67	1.80E-19	7.91E-06	0.0035523	0.001098
SpM1_ChORF1896_s_at	<i>ropA</i>	<i>spy1896</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	1263.93	57.18	-68.35	-102.83	2.74E-20	7.91E-06	0.0347446	0.008962

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SpM1_ChORF0067_s_at	<i>rpIR</i>	<i>spy0067</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	1210.04	-189.19	-1101.22	-506.59	2.78E-14	7.91E-06	0.0086781	0.002523
SpM1_ChORF0019_s_at	<i>sibA</i>	<i>spy0019</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	1209.73	197.39	407.45	-82.43	8.84E-24	7.91E-06	0.0846279	0.020081
SpM49_ChORF8094-13_s_at	-	<i>spy0025</i>	Unknown	Hypothetical protein	Unknown	-	-	1208.00	1011.92	1068.61	-448.49	4.59E-27	7.91E-06	2.39E-09	0.000225
SpM1_ChORF1805_s_at	<i>secA</i>	<i>spy1805</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	1180.14	15.19	-450.26	-876.69	6.17E-17	7.91E-06	1.11E-13	0.000225
SpM1_ChORF1499_s_at	<i>xseB</i>	<i>spy1499</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	1163.22	1174.05	360.42	199.90	4.17E-24	7.91E-06	0.0092572	0.002667
SpM12_ChORF248-4_s_at	-	<i>SpyoM12_Chr ORF_248_4</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	1141.44	1302.21	-144.11	22.44	7.00E-10	7.91E-06	0.8622871	0.160589
SpM1_ChORF1419_s_at	-	<i>spy1419</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	1126.31	127.50	-34.62	-44.31	4.43E-10	7.91E-06	0.5559057	0.111001
SpM1_ChORF1882_s_at	<i>lppC</i>	<i>spy1882</i>	Unknown	Hypothetical protein	Unknown	-	-	1123.00	1674.65	1534.75	120.15	6.41E-20	7.91E-06	0.7768576	0.147493
SpM1_ChORF1507_s_at	-	<i>spy1507</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	1107.74	740.42	548.86	-242.42	5.42E-16	7.91E-06	0.0007491	0.000338
SpM1_ChORF1508_s_at	-	<i>spy1508</i>	Unknown	Hypothetical protein	Unknown	-	-	1100.98	296.61	95.46	197.45	4.94E-28	7.91E-06	2.87E-05	0.000225
SpM1_ChORF0425_s_at	<i>nrdF.1</i>	<i>spy0425</i>	Nucleotides	Nucleotides biosynthesis	Purine, pyrimidine biosynthesis	-	-	1088.03	639.45	592.72	-816.26	7.00E-33	7.91E-06	4.75E-32	0.000225
SpM5_ChORF466b-1_s_at	<i>purC</i>	<i>SpyoM5_Chr ORF_466b09.s1ck_1</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	1082.97	-770.64	-46.87	1228.19	8.13E-05	8.15E-06	1.51E-05	0.000225
SpM1_ChORF0900_s_at	<i>pyrF</i>	<i>spy0900</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	1068.10	-424.93	-1114.03	-159.83	1.72E-15	7.91E-06	0.6773367	0.131567
SpM1_ChORF2201_s_at	<i>hasB</i>	<i>spy2201</i>	Carbohydrate metabolism	Carbohydrate biosynthesis		-	-	1062.91	1321.34	676.13	252.37	1.59E-16	7.91E-06	0.0147374	0.00411
SpM1_ChORF0056_s_at	<i>rpsC</i>	<i>spy0056</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	1049.10	-1425.47	-2444.27	-1067.98	6.62E-17	7.91E-06	6.41E-05	0.000225
SpM1_ChORF1727_s_at	-	<i>spy1727</i>	Unknown	Hypothetical protein	Unknown	-	-	1025.25	697.56	-59.04	-128.87	5.91E-17	7.91E-06	0.0185012	0.005088
SpM1_ChORF0810_s_at	<i>aroF</i>	<i>spy0810</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	-	-	988.77	-349.66	-517.54	-667.90	1.35E-13	7.91E-06	2.90E-08	0.000225
SpM1_ChORF2009_at	<i>fba</i>	<i>spy2009</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	987.34	82.35	-1323.38	-1222.96	6.23E-16	7.91E-06	6.41E-12	0.000225
SpM1_ChORF0215_s_at	<i>pgi</i>	<i>spy0215</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	Essential	-	982.71	732.71	320.63	-265.06	4.23E-28	7.91E-06	1.10E-09	0.000225
SpM1_ChORF0061_s_at	<i>rpIN</i>	<i>spy0061</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	957.27	-914.85	-1731.07	-774.97	6.82E-15	7.91E-06	0.0008144	0.000352
SpM1_ChORF0345_s_at	<i>murC</i>	<i>spy0345</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	Essential	Essential	944.57	304.72	170.64	-273.10	1.05E-12	7.91E-06	0.0002193	0.00024
SpM1_ChORF1432_s_at	<i>pyrD</i>	<i>spy1432</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	934.76	-66.04	-326.97	11.64	3.99E-20	7.91E-06	0.4679213	0.095328
SpM1_ChORF1968_s_at	-	<i>spy1968</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	932.10	-558.19	-1233.67	-464.44	8.44E-23	7.91E-06	4.09E-07	0.000225
SpM1_ChORF0901_s_at	<i>pyrE</i>	<i>spy0901</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	890.33	-529.05	-1167.87	-174.79	3.49E-13	7.91E-06	0.6181645	0.121703

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SpM1_ChORF0324_s_at	-	<i>spy0324</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	889.10	605.85	661.51	-106.51	1.02E-31	7.91E-06	0.002158	0.000709
SpM1_ChORF1740_s_at	<i>manN</i>	<i>spy1740</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	857.42	1349.36	480.16	-211.10	1.80E-19	7.91E-06	0.005128	0.001544
SpM1_ChORF1392_s_at	-	<i>spy1392</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	847.60	349.12	325.37	-315.10	1.80E-13	7.91E-06	1.97E-07	0.000225
SpM1_ChORF1357_s_at	<i>grab</i>	<i>spy1357</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	847.07	464.77	-127.54	6984.78	4.14E-08	7.91E-06	2.96E-62	0.000225
SpM1_ChORF0072_s_at	<i>rplO</i>	<i>spy0072</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	839.65	-70.07	-638.56	-185.55	8.12E-09	7.91E-06	0.5634879	0.112323
SpM1_ChORF1228_s_at	-	<i>spy1228</i>	Unknown	Hypothetical protein	Unknown	-	-	834.68	598.29	605.12	-84.64	1.00E-11	7.91E-06	0.1620818	0.036234
SpM1_ChORF1500_s_at	<i>xseA</i>	<i>spy1500</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	819.32	606.60	238.17	157.22	1.10E-22	7.91E-06	0.0009993	0.000395
SpM1_ChORF1520_s_at	<i>ftsZ</i>	<i>spy1520</i>	Cell shape and division	Cell shape & division	Cell division	-	-	810.60	-701.28	-2071.14	-569.16	1.91E-20	7.91E-06	6.43E-05	0.000225
SpM1_ChORF0608_s_at	<i>ppc</i>	<i>spy0608</i>	Carbohydrate metabolism			-	-	808.71	9.93	-378.62	-572.64	1.37E-16	7.91E-06	2.87E-13	0.000225
SpM1_ChORF0378_s_at	<i>hlyX</i>	<i>spy0378</i>	Virulence	Virulence interacting proteins	Exotoxin	-	-	792.90	388.33	351.70	-35.27	1.63E-20	7.91E-06	0.2203844	0.048067
SpM1_ChORF0595_s_at	<i>lysS</i>	<i>spy0595</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	784.86	174.65	-5.45	-200.75	2.94E-22	7.91E-06	2.44E-07	0.000225
SpM1_ChORF1234_s_at	<i>rpsT</i>	<i>spy1234</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	767.59	178.13	16.08	-19.84	1.24E-22	7.91E-06	0.574184	0.114067
SpM1_ChORF1494_s_at	-	<i>spy1494</i>	Unknown	Hypothetical protein	Unknown	-	-	765.99	876.58	561.92	-31.76	5.20E-20	7.91E-06	0.399717	0.082631
SpM1_ChORF0949_s_at	-	<i>spy0949</i>	Phage	Phage proteins	Hypothetical cytosolic protein	-	-	764.03	1105.72	1243.41	-496.06	2.60E-24	7.91E-06	1.50E-11	0.000225
SpM1_ChORF2016_at	<i>sic</i>	<i>spy2016</i>	Virulence	Virulence interacting proteins	Extracellular protein	-	-	761.00	1288.05	785.37	-373.14	2.11E-05	7.91E-06	0.0183439	0.005048
SpM1_ChORF0116_at	-	<i>spy0116</i>	Unknown	Hypothetical protein	Unknown	-	-	758.55	1139.82	925.69	-242.86	3.75E-12	7.91E-06	0.0280536	0.007407
SpM1_ChORF1276_s_at	-	<i>spy1276</i>	Membrane transport	Membrane transport	Amino acid membrane transport	Essential	Essential	741.96	642.41	494.44	-273.90	7.41E-14	7.91E-06	1.15E-05	0.000225
SpM1_ChORF0426_s_at	<i>nrdI</i>	<i>spy0426</i>	Nucleotides	Nucleotides biosynthesis	Purine, pyrimidine biosynthesis	-	-	740.89	569.04	587.92	-659.62	1.11E-25	7.91E-06	1.42E-25	0.000225
SpM1_ChORF0460_s_at	<i>rplK</i>	<i>spy0460</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	733.50	-76.01	194.56	56.49	2.75E-15	7.91E-06	0.0814453	0.019379
SpM1_ChORF2092_s_at	<i>rpsB</i>	<i>spy2092</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	722.03	-246.08	-116.20	-51.59	9.77E-17	7.91E-06	0.8216591	0.155078
SpM1_ChORF0122_s_at	-	<i>spy0122</i>	RNA metabolism	Transcription r	egulation	-	-	711.51	-23.87	-164.11	-501.50	7.37E-16	7.91E-06	5.84E-12	0.000225
M12_0671_s_at	-	<i>M12_0671</i>	Unknown	Hypothetical protein	Unknown	-	-	685.05	-229.17	-349.89	-4.17	3.81E-25	7.91E-06	0.6872696	0.133219

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF0136_s_at	-	<i>spy0136</i>	Unknown	Hypothetical extracellular protein	Unknown	-	-	685.03	456.95	-230.94	2033.42	1.01E-16	7.91E-06	1.95E-43	0.000225
SpM1_ChORF1632_s_at	<i>gmk</i>	<i>spy1632</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	673.21	394.18	340.08	-13.71	9.40E-20	7.91E-06	0.4732196	0.096158
SpM1_ChORF1653_s_at	<i>nadE</i>	<i>spy1652</i>	Cofactors	NAD	NAD biosynthesis	-	-	671.38	1016.61	946.05	-249.83	5.35E-30	7.91E-06	9.70E-10	0.000225
SpM1_ChORF0911_s_at	<i>bcaT</i>	<i>spy0911</i>	Carbohydrate metabolism			-	-	662.81	636.03	44.64	397.68	4.29E-20	7.91E-06	3.39E-13	0.000225
SpM1_ChORF1946_s_at	<i>pnpA</i>	<i>spy1946</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	658.18	62.34	-462.65	-474.86	9.86E-15	7.91E-06	1.35E-08	0.000225
SpM1_ChORF1894_s_at	<i>pyrG</i>	<i>spy1894</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	656.28	-93.75	-38.15	-303.36	4.11E-17	7.91E-06	5.42E-07	0.000225
SpM1_ChORF2206_s_at	<i>guaB</i>	<i>spy2206</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	654.63	604.13	133.73	-468.00	1.52E-10	7.91E-06	2.93E-09	0.000225
SpM5_ChORF275f-5_s_at	-	<i>SpyoM5_Chr ORF_275f02.p1cq_5</i>	Unknown	Hypothetical protein	Unknown	-	-	654.17	266.18	139.45	-140.26	3.56E-18	7.91E-06	2.60E-05	0.000225
SpM1_ChORF2205_s_at	-	<i>spy2205</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	653.17	394.65	353.44	-543.50	8.09E-13	7.91E-06	1.63E-16	0.000225
SpM1_ChORF2156_s_at	<i>aspS</i>	<i>spy2156</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	649.03	238.82	2.80	-390.08	1.41E-13	7.91E-06	1.17E-10	0.000225
SpM1_ChORF1495_s_at	<i>recN</i>	<i>spy1495</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	643.26	916.60	415.84	-4.11	8.83E-20	7.91E-06	0.8502085	0.158845
SpM1_ChORF0165_s_at	<i>nga</i>	<i>spy0165</i>	Virulence	Virulence interacting proteins	Exotoxin	-	-	637.46	478.78	-15.28	98.48	4.16E-09	7.91E-06	0.4211394	0.086651
SpM1_ChORF0721_s_at	-	<i>spy0721</i>	Carbohydrate metabolism	Bioenergetics		-	-	625.53	-21.83	29.00	-85.19	1.13E-14	7.91E-06	0.0387526	0.009895
SpM1_ChORF0469_s_at	-	<i>spy0469</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	622.91	198.13	246.21	-160.76	2.37E-17	7.91E-06	3.82E-05	0.000225
SpM1_ChORF0857_s_at	<i>mur1.2</i>	<i>spy0857</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	620.65	151.14	132.72	-71.46	7.00E-26	7.91E-06	0.0003526	0.000261
SpM1_ChORF1020_s_at	-	<i>spy1020</i>	Unknown	Conserved protein	Unknown	Essential	-	615.01	505.59	-334.93	-148.08	5.53E-08	7.91E-06	0.0694025	0.016798
SpM1_ChORF0348_s_at	-	<i>spy0348</i>	Unknown	Hypothetical protein	Unknown	Essential	-	611.40	223.72	309.06	-462.86	2.34E-09	7.91E-06	9.67E-12	0.000225
SpM1_ChORF0047_s_at	<i>rpsJ</i>	<i>spy0047</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	Essential	-	601.48	-188.28	-81.18	-143.03	6.84E-18	7.91E-06	0.0085454	0.00249
SpM1_ChORF0057_s_at	<i>rpIP</i>	<i>spy0057</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	596.04	-1326.25	-1858.28	-774.20	1.32E-15	7.91E-06	0.000916	0.000375
SpM1_ChORF0589_s_at	-	<i>spy0589</i>	Unknown	Hypothetical protein	Unknown	-	-	584.87	19.65	0.43	57.40	1.20E-21	7.91E-06	0.0406809	0.010315
SpM1_ChORF2197_s_at	-	<i>spy2197</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	581.80	7.48	-233.94	-156.31	1.23E-22	7.91E-06	3.27E-06	0.000225
SpM1_ChORF1875_s_at	-	<i>spy1875</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	576.57	265.89	276.44	-165.89	4.98E-14	7.91E-06	2.78E-05	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1830_s_at	<i>ssb2</i>	<i>spy1830</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	575.81	-724.60	-1013.36	-182.70	2.44E-11	7.91E-06	0.1208216	0.027788
SpM1_ChORF0108_s_at	-	<i>spy0108</i>	Unknown	Hypothetical protein	Unknown	-	-	572.66	45.77	-73.17	-139.28	6.04E-22	7.91E-06	1.02E-06	0.000225
SpM1_ChORF0093_s_at	<i>adcC</i>	<i>spy0093</i>	Membrane transport	Membrane transport	Metal ion membrane transport	Essential	Essential	571.71	195.63	236.99	-214.14	4.17E-22	7.91E-06	1.11E-10	0.000225
SpM1_ChORF0064_s_at	<i>rpsN</i>	<i>spy0064</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	565.93	-218.41	-928.86	-433.16	2.40E-09	7.91E-06	0.0264336	0.007022
SpM1_ChORF0096_s_at	<i>tyrS</i>	<i>spy0096</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	560.64	209.97	-330.93	-574.42	5.78E-18	7.91E-06	8.39E-17	0.000225
SpM1_ChORF0276_s_at	-	<i>spy0276</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	556.03	84.74	-132.24	-320.84	1.44E-12	7.91E-06	7.39E-09	0.000225
SpM1_ChORF0268_s_at	<i>purR</i>	<i>spy0268</i>	RNA metabolism	Transcription regulation		Essential	Essential	553.46	666.09	422.20	216.39	3.51E-19	7.91E-06	1.29E-06	0.000225
SpM1_ChORF1736_s_at	-	<i>spy1736</i>	Membrane transport	Membrane transport	Nucleotide membrane transport	-	-	544.76	275.59	445.20	-246.77	6.86E-18	7.91E-06	7.52E-10	0.000225
SpM18_ChORF1226_s_at	-	<i>spy1277</i>	Unknown	Hypothetical protein	Unknown	-	-	543.24	85.45	153.41	-78.58	3.25E-13	7.91E-06	0.0330292	0.008566
SpM1_ChORF0160_s_at	<i>purA</i>	<i>spy0160</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	543.21	400.61	-146.47	-460.84	1.02E-11	7.91E-06	2.48E-10	0.000225
SpM1_ChORF1489_s_at	<i>hlpA</i>	<i>spy1489</i>	DNA metabolism	Packaging & segregation	DNA packaging	-	-	534.34	-378.95	-873.10	-112.21	1.35E-11	7.91E-06	0.388454	0.08073
SpM1_ChORF1857_s_at	-	<i>spy1857</i>	RNA metabolism	Transcription regulation		-	-	529.92	192.97	112.53	-119.27	7.41E-20	7.91E-06	3.31E-06	0.000225
SpM1_ChORF1876_s_at	-	<i>spy1876</i>	Unknown	Conserved protein	Unknown	-	-	527.85	352.97	586.41	-249.56	5.73E-18	7.91E-06	1.20E-08	0.000225
SpM1_ChORF1698_s_at	-	<i>spy1698</i>	Unknown	Hypothetical protein	Unknown	-	-	520.91	-205.55	-419.10	16.92	1.08E-23	7.91E-06	0.7682174	0.146234
SpM1_ChORF1150_s_at	<i>nox</i>	<i>spy1150</i>	Stress adaptation	Oxidative stress	Oxidative stress	Essential	-	520.25	315.11	212.23	-119.17	2.05E-09	7.91E-06	0.0016801	0.000574
SpM1_ChORF0808_s_at	-	<i>spy0808</i>	Unknown	Hypothetical protein	Unknown	-	-	517.25	-55.01	-151.56	125.36	3.69E-17	7.91E-06	0.0030966	0.000972
SpM1_ChORF0277_s_at	-	<i>spy0277</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	517.02	126.65	5.06	-177.80	3.04E-21	7.91E-06	1.49E-10	0.000225
SpM1_ChORF1506_s_at	-	<i>spy1506</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	515.95	388.75	330.66	-138.53	6.89E-18	7.91E-06	3.82E-05	0.000225
SpM1_ChORF1355_s_at	-	<i>spy1355</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	511.96	235.52	-60.00	2269.90	7.50E-09	7.91E-06	1.80E-47	0.000225
SpM1_ChORF0006_s_at	-	<i>spy0006</i>	Other	GTP-binding protein	GTP-binding	-	-	511.20	301.98	69.31	-9.47	6.16E-20	7.91E-06	0.4470125	0.091623
SpM1_ChORF2178_s_at	<i>rpsD</i>	<i>spy2178</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	497.48	-232.01	-113.51	7.35	4.78E-22	7.91E-06	0.3207103	0.067651
SpM1_ChORF0109_s_at	<i>ackA</i>	<i>spy0109</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	493.18	62.86	-68.57	-175.65	3.02E-24	7.91E-06	5.89E-12	0.000225
SpM1_ChORF1340_s_at	-	<i>spy1340</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	Essential	Essential	490.19	-357.37	-612.14	-293.54	5.83E-19	7.91E-06	0.0001384	0.00023

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0247_s_at	-	<i>spy0247</i>	Unknown	Hypothetical protein	Unknown	-	-	488.67	383.90	126.89	37.75	8.50E-09	7.91E-06	0.5451766	0.109106
SpM1_ChORF0117_s_at	-	<i>spy0117</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	485.46	-9.31	-111.88	-136.18	1.47E-24	7.91E-06	2.44E-08	0.000225
SpM1_ChORF1249_s_at	-	<i>spy1249</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	484.97	692.41	319.05	273.39	2.95E-19	7.91E-06	3.78E-10	0.000225
SpM12_ChORF299-14_at	-	<i>SpyoM12_ChORF_299_14</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	484.09	1136.50	757.99	111.73	2.52E-32	7.91E-06	0.006782	0.002005
SpM18_ChORF0393_s_at	<i>speA</i>	<i>spyM18_0393</i>	Virulence	Virulence interacting proteins	Pyrogenic Toxin Superantigen	-	-	482.86	1319.38	2138.64	451.60	1.63E-35	7.91E-06	1.29E-10	0.000225
SpM5_ChORF4P31a-118_s_at	-	<i>SpyoM5_ChORF_4P31a0.1.w2c2309_11</i>	Unknown	Hypothetical protein	Unknown	-	-	480.60	-861.24	-1911.62	21.37	6.33E-14	7.91E-06	0.5992503	0.118444
SpM49_ChORF8094-24_s_at	-	<i>spy0037</i>	Unknown	Hypothetical protein	Unknown	-	-	479.96	180.13	78.07	-82.86	1.43E-17	7.91E-06	0.0003506	0.000261
SpM1_ChORF0502_s_at	<i>secG</i>	<i>spy0502</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	478.83	-132.33	-219.96	221.49	1.14E-10	7.91E-06	0.0001504	0.00023
SpM1_ChORF0246_s_at	<i>fasX</i>	<i>spy0246</i>	RNA metabolism	Transcription regulation	RNA modification	-	-	478.76	227.87	24.85	-54.62	9.97E-15	7.91E-06	0.1095331	0.025391
SpM1_ChORF1733_s_at	<i>lytR</i>	<i>spy1733</i>	RNA metabolism	Transcription regulation	Unknown	-	-	478.22	388.49	684.72	-356.85	5.14E-25	7.91E-06	3.37E-18	0.000225
SpM1_ChORF1841_s_at	-	<i>spy1841</i>	Unknown	Hypothetical protein	Unknown	-	-	477.53	72.99	-129.11	60.10	5.42E-16	7.91E-06	0.252999	0.054513
SpM1_ChORF1854_s_at	<i>glpF.2</i>	<i>spy1854</i>	Membrane transport	Membrane transport	Membrane ion channel	-	-	469.89	22.82	-70.83	-133.71	2.17E-21	7.91E-06	1.96E-07	0.000225
SpM1_ChORF1885_s_at	-	<i>spy1885</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	465.29	479.96	278.11	-301.01	4.94E-09	7.91E-06	4.19E-07	0.000225
SpM1_ChORF1932_s_at	<i>rpm</i>	<i>spy1932</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	464.79	-13.49	19.56	-47.96	6.53E-23	7.91E-06	0.0726277	0.01747
SpM1_ChORF0323_s_at	<i>braB</i>	<i>spy0323</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	464.57	271.63	341.62	304.05	1.34E-21	7.91E-06	1.38E-18	0.000225
SpM1_ChORF1094_s_at	-	<i>spy1094</i>	Unknown	Hypothetical protein	Unknown	Essential	-	463.82	244.75	6.18	-92.20	1.39E-19	7.91E-06	2.93E-05	0.000225
SpM1_ChORF1226_s_at	-	<i>spy1226</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	462.31	526.50	495.81	-492.85	5.14E-18	7.91E-06	1.76E-21	0.000225
SpM1_ChORF1742_s_at	<i>serS</i>	<i>spy1742</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	448.79	239.00	132.01	-628.00	1.76E-05	7.91E-06	8.07E-15	0.000225
SpM1_ChORF1497_s_at	<i>hlyA1</i>	<i>spy1497</i>	Virulence	Virulence interacting proteins	Exotoxin	-	-	447.17	643.09	337.56	88.91	1.32E-18	7.91E-06	0.0257249	0.006859
SpM1_ChORF0337_s_at	<i>covS</i>	<i>spy0337</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	446.76	-7.68	-182.55	1513.48	3.41E-09	7.91E-06	4.39E-35	0.000225
SpM1_ChORF1886_s_at	<i>asp</i>	<i>spy1886</i>	Stress adaptation	Cold shock proteins	Cold shock proteins	-	-	446.72	441.34	157.75	-70.73	1.72E-12	7.91E-06	0.057691	0.014218
SpM1_ChORF0611_s_at	<i>tufA</i>	<i>spy0611</i>	Protein synthesis	Translation factors	Translation factor	-	Essential	444.68	-235.14	-404.76	-1206.68	0.0097404	0.000126	2.39E-09	0.000225
SpM1_ChORF0907_s_at	<i>pyrC</i>	<i>spy0907</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	442.50	150.90	-96.48	-258.42	5.33E-18	7.91E-06	1.75E-12	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF1368_s_at	<i>udk</i>	<i>spy1368</i>	Nucleotides	Nucleotides metabolism	Pyrimidine salvage	-	-	440.37	47.19	6.53	-13.78	5.58E-26	7.91E-06	0.3895015	0.080852
SpM1_ChORF0822_s_at	<i>rpmA</i>	<i>spy0822</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	439.59	-502.49	-493.68	-28.92	3.25E-10	7.91E-06	0.8137839	0.153922
SpM1_ChORF0123_s_at	<i>hsp33</i>	<i>spy0123</i>	Stress adaptation	Heat shock proteins	Heat shock proteins	-	-	439.55	49.80	2.21	-171.84	4.16E-14	7.91E-06	3.52E-06	0.000225
SpM1_ChORF0066_s_at	<i>rplF</i>	<i>spy0066</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	436.14	-136.22	-665.54	-276.75	4.51E-07	7.91E-06	0.0606481	0.014884
SpM1_ChORF0461_s_at	<i>rplA</i>	<i>spy0461</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	432.35	-63.12	94.04	-27.89	8.85E-17	7.91E-06	0.8914011	0.165136
SpM1_ChORF1498_s_at	<i>fps</i>	<i>spy1498</i>	Lipid metabolism	Isoprenoids	Isoprenoid biosynthesis	-	-	431.94	455.85	160.89	25.18	1.43E-24	7.91E-06	0.5420334	0.108601
SpM18_ChORF0279_s_at	-	<i>spyM18_0279</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	428.12	58.35	72.15	-234.27	1.92E-17	7.91E-06	2.63E-14	0.000225
SpM1_ChORF0282_s_at	<i>rgpG</i>	<i>spy0282</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	425.82	216.93	-39.17	-152.26	1.73E-22	7.91E-06	1.71E-09	0.000225
SpM1_ChORF0915_s_at	-	<i>spy0915</i>	Unknown	Hypothetical protein	Unknown	-	-	425.62	160.94	270.12	-169.42	8.03E-22	7.91E-06	5.83E-13	0.000225
SpM1_ChORF0250_x_at	<i>rpmH</i>	<i>spy0250</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	425.50	424.04	208.81	-8.64	1.40E-12	7.91E-06	0.689495	0.133503
SpM1_ChORF1204_s_at	<i>guaA</i>	<i>spy1204</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	424.04	-42.54	-249.18	-139.43	6.80E-18	7.91E-06	3.76E-05	0.000225
SpM1_ChORF1858_s_at	<i>pepXP</i>	<i>spy1858</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	423.75	314.26	231.04	-203.21	9.35E-26	7.91E-06	1.75E-17	0.000225
SpM1_ChORF1230_s_at	<i>cdd</i>	<i>spy1230</i>	Nucleotides	Nucleotides metabolism	Pyrimidine salvage	-	-	423.60	377.65	364.74	-92.07	3.15E-21	7.91E-06	0.0001721	0.000233
SpM1_ChORF1496_s_at	-	<i>spy1496</i>	RNA metabolism	Transcription regulation	Unknown	-	-	422.21	423.47	179.20	-14.46	1.40E-14	7.91E-06	0.7709569	0.146531
SpM18_ChORF0838_x_at	<i>rplU</i>	<i>spyM18_0838</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	421.80	-42.11	-64.03	-63.39	7.42E-11	7.91E-06	0.2153131	0.047322
SpM1_ChORF1874_s_at	-	<i>spy1874</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	420.78	-111.72	-243.29	-91.59	2.39E-23	7.91E-06	0.0005169	0.000292
SpM1_ChORF1884_s_at	-	<i>spy1884</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	420.05	1259.61	1517.82	-156.99	1.38E-20	7.91E-06	0.0201724	0.005508
SpM1_ChORF0271_s_at	<i>rpsL</i>	<i>spy0271</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	416.74	-149.89	119.75	-44.90	3.97E-08	7.91E-06	0.8807287	0.163591
SpM1_ChORF2114_s_at	-	<i>spy2114</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	413.26	873.32	-524.68	-472.11	2.35E-05	7.91E-06	0.0091776	0.002646
SpM1_ChORF1881_s_at	<i>pgk</i>	<i>spy1881</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	-	410.95	311.43	-350.66	-118.05	5.46E-13	7.91E-06	0.0666874	0.016185
SpM1_ChORF0049_s_at	<i>rplC</i>	<i>spy0049</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	408.95	-408.63	-310.17	-158.66	2.57E-19	7.91E-06	0.0026028	0.000832
SpM1_ChORF0613_s_at	<i>tpi</i>	<i>spy0613</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	Essential	407.43	656.09	111.25	88.86	2.46E-12	7.91E-06	0.1411974	0.031931
SpM1_ChORF1242_s_at	<i>pstB2</i>	<i>spy1242</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	407.04	-140.57	-691.72	747.79	4.33E-14	7.91E-06	2.72E-14	0.000225
SpM1_ChORF0074_s_at	<i>adk</i>	<i>spy0074</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	403.20	90.62	-384.64	83.44	2.80E-22	7.91E-06	0.0338333	0.008749
SpM1_ChORF1666_s_at	<i>ftsL</i>	<i>spy1665</i>	Cell shape and division	Cell shape & division	Cell division	-	-	402.41	-64.90	-24.02	-32.08	8.03E-15	7.91E-06	0.203988	0.044917
SpM1_ChORF2159_s_at	<i>rpmF</i>	<i>spy2159</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	402.00	-531.43	-394.73	-162.21	2.03E-16	7.91E-06	0.0191564	0.005251
SpM1_ChORF0650_s_at	<i>aspC</i>	<i>spy0650</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	-	-	401.25	149.50	119.20	-220.47	1.29E-25	7.91E-06	2.75E-21	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1222_s_at	<i>dfp</i>	<i>spy1222</i>	Cofactors			-	-	400.79	383.86	312.53	-62.77	5.67E-25	7.91E-06	0.0005774	0.000303
SpM1_ChORF0099_s_at	<i>rpoC</i>	<i>spy0099</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	397.25	-629.70	-929.85	-1041.29	6.42E-10	7.91E-06	5.70E-11	0.000225
SpM1_ChORF0763_s_at	<i>murA, murAA ?</i>	<i>spy0763</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	396.33	-35.14	-148.19	-15.56	2.04E-12	7.91E-06	0.4276605	0.087839
SpM1_ChORF0861_s_at	<i>mac</i>	<i>spy0861</i>	Virulence	Virulence interacting proteins	Extracellular protein	-	-	392.06	175.88	58.25	322.36	2.39E-15	7.91E-06	7.83E-18	0.000225
SpM1_ChORF2019_s_at	<i>mga</i>	<i>spy2019</i>	RNA metabolism	Transcription r egulation		-	-	390.81	233.65	73.96	48.30	4.70E-19	7.91E-06	0.0973138	0.022875
SpM1_ChORF1895_s_at	<i>rpoE</i>	<i>spy1895</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	387.22	-72.04	-152.10	-108.80	1.46E-19	7.91E-06	5.03E-05	0.000225
SpM1_ChORF1201_s_at	<i>yIxB</i>	<i>spy1201</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	384.14	14.12	83.82	-116.98	4.39E-18	7.91E-06	2.49E-07	0.000225
SpM1_ChORF0359_s_at	-	<i>spy0359</i>	Unknown	Hypothetical protein	Unknown	-	-	383.62	8.90	-117.25	61.36	1.22E-11	7.91E-06	0.0805051	0.019193
SpM18_ChORF0328_s_at	<i>covR</i>	<i>spy0336</i>	RNA metabolism	Transcription r egulation	Signal transduction	-	-	383.09	-397.26	-414.97	1159.27	2.41E-12	7.91E-06	5.90E-25	0.000225
SpM1_ChORF1889_s_at	<i>fba</i>	<i>spy1889</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	-	382.57	-1017.34	-1211.13	-155.59	1.70E-21	7.91E-06	0.0326724	0.008486
SpM1_ChORF1521_s_at	<i>ftsA</i>	<i>spy1521</i>	Cell shape and division	Cell shape & division	Cell division	-	-	380.56	-360.26	-901.20	77.66	1.55E-14	7.91E-06	0.6493072	0.126699
SpM1_ChORF1828_s_at	-	<i>spy1828</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	380.42	26.12	-39.38	-139.81	1.32E-22	7.91E-06	9.73E-11	0.000225
SpM1_ChORF0749_s_at	-	<i>spy0749</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	377.45	508.06	744.52	-31.28	2.53E-30	7.91E-06	0.0624741	0.0153
SpM1_ChORF0292_s_at	<i>dacA</i>	<i>spy0292</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	377.17	352.65	140.51	98.09	1.19E-20	7.91E-06	0.0002137	0.000239
SpM1_ChORF0281_s_at	<i>mecA</i>	<i>spy0281</i>	Virulence	Virulence interacting proteins	Lantibiotic, Quorum sensing	-	-	375.02	86.47	-3.19	-83.53	2.03E-19	7.91E-06	1.95E-05	0.000225
SpM1_ChORF1232_s_at	-	<i>spy1232</i>	Unknown	Hypothetical protein	Unknown	-	-	374.20	75.65	-31.23	-81.76	3.58E-21	7.91E-06	2.74E-06	0.000225
SpM12_ChORF266-14_s_at	-	<i>spy0580</i>	Unknown	Hypothetical protein	Unknown	-	-	370.99	77.86	32.53	-105.36	1.47E-20	7.91E-06	1.12E-07	0.000225
SpM1_ChORF1571_s_at	-	<i>spy1571</i>	Stress adaptation	Heat shock proteins	Heat shock proteins	-	-	370.93	95.99	24.40	-49.49	3.33E-22	7.91E-06	0.0008115	0.000352
SpM1_ChORF1735_s_at	-	<i>spy1735</i>	Unknown	Conserved protein	Unknown	-	-	368.85	202.33	314.60	-194.06	2.41E-21	7.91E-06	1.73E-14	0.000225
SpM1_ChORF1225_s_at	-	<i>spy1225</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	365.91	456.25	429.30	-466.76	2.21E-11	7.91E-06	4.26E-16	0.000225
SpM1_ChORF1224_s_at	<i>pgmA</i>	<i>spy1224</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	365.88	621.70	-8.39	-362.57	1.71E-09	7.91E-06	3.04E-07	0.000225
SpM1_ChORF1214_s_at	<i>lplA</i>	<i>spy1214</i>	Cofactors			-	-	361.86	1137.98	1111.21	-20.02	2.39E-24	7.91E-06	0.7547882	0.144003
SpM1_ChORF1038_s_at	<i>femD</i>	<i>spy1038</i>	Cell envelope	Cell wall	Aminosugar metabolism	-	-	361.84	132.71	-30.88	-65.88	1.12E-15	7.91E-06	0.0219539	0.005949
SpM1_ChORF0809_s_at	<i>aroD</i>	<i>spy0809</i>	Carbohydrate metabolism	Bioenergetics		-	-	361.47	-225.04	-493.71	138.10	3.32E-17	7.91E-06	0.015459	0.004295

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF0617_s_at	-	<i>spy0617</i>	Unknown	Hypothetical protein	Unknown	Essential	-	360.53	29.26	-248.60	-37.88	2.11E-20	7.91E-06	0.0571014	0.014092
SpM1_ChORF1215_s_at	-	<i>spy1215</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	359.25	1371.42	1203.58	-14.79	8.82E-20	7.91E-06	0.9664378	0.177077
SpM1_ChORF2148_s_at	<i>mutS</i>	<i>spy2148</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	358.63	335.61	359.13	-79.16	4.92E-20	7.91E-06	0.0008173	0.000352
SpM1_ChORF0269_s_at	<i>prgA</i>	<i>spy0269</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	355.10	1186.43	373.14	264.76	2.28E-08	7.91E-06	0.0338299	0.008749
SpM18_ChORF1621_s_at	-	<i>spyM18_1621</i>	Unknown	Hypothetical protein	Unknown	-	-	355.01	-151.65	345.08	-536.60	0.0193377	0.000246	0.0014009	0.000498
SpM1_ChORF1425_s_at	-	<i>spy1425</i>	Unknown	Hypothetical protein	Unknown	-	-	351.15	540.11	533.67	70.87	6.05E-15	7.91E-06	0.0628392	0.015368
SpM1_ChORF2191_s_at	<i>sceD</i>	<i>spy2191</i>	Virulence	Virulence interacting proteins	Extracellular protein	-	-	349.71	107.02	243.97	122.35	8.85E-23	7.91E-06	1.44E-10	0.000225
SpM1_ChORF1223_s_at	-	<i>spy1223</i>	Unknown	Hypothetical membrane protein	Unknown	Essential	-	348.20	360.11	299.61	-90.15	2.47E-11	7.91E-06	0.0198884	0.005435
SpM1_ChORF1827_s_at	-	<i>spy1827</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	344.65	-31.02	-93.01	-61.53	1.55E-22	7.91E-06	0.0005975	0.000307
SpM1_ChORF0887_s_at	-	<i>spy0887</i>	Unknown	Hypothetical protein	Unknown	Essential	-	344.54	13.51	47.82	-152.75	4.86E-17	7.91E-06	3.82E-09	0.000225
SpM1_ChORF1245_s_at	<i>pstS</i>	<i>spy1245</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	339.36	-16.00	-177.35	347.64	2.51E-24	7.91E-06	2.36E-24	0.000225
SpM1_ChORF0092_s_at	<i>adcR</i>	<i>spy0092</i>	RNA metabolism	Transcription regulation	Unknown	Essential	-	338.14	105.00	150.00	-119.22	2.19E-16	7.91E-06	1.81E-07	0.000225
SpM1_ChORF1862_s_at	-	<i>spy1862</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	332.60	587.83	284.78	-189.09	2.01E-17	7.91E-06	1.83E-07	0.000225
SpM1_ChORF1837_s_at	<i>mutS2</i>	<i>spy1837</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	331.95	67.77	20.12	-121.51	5.61E-14	7.91E-06	3.08E-05	0.000225
SpM1_ChORF2010_s_at	<i>scpA</i>	<i>spy2010</i>	Virulence	Virulence interacting proteins	Extracellular protein	-	-	331.73	-392.77	-1233.07	-1009.24	3.53E-08	7.91E-06	4.54E-07	0.000225
SpM1_ChORF0596_s_at	-	<i>spy0596</i>	Unknown	Hypothetical protein	Unknown	Essential	-	329.63	49.04	-74.38	-27.86	1.49E-20	7.91E-06	0.1188613	0.027409
SpM1_ChORF0501_s_at	-	<i>spy0501</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	329.18	-358.07	-312.47	94.40	3.82E-13	7.91E-06	0.0235147	0.006332
SpM1_ChORF1033_s_at	<i>lpIB</i>	<i>spy1033</i>	Cofactors	Unknown	Unknown	-	-	325.82	41.29	-34.32	-58.90	3.04E-20	7.91E-06	0.0001034	0.000227
SpM1_ChORF0467_s_at	-	<i>spy0467</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	324.19	339.93	292.00	-210.88	1.72E-14	7.91E-06	1.41E-10	0.000225
SpM1_ChORF2149_s_at	-	<i>spy2149</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	320.94	168.96	124.30	29.06	3.58E-16	7.91E-06	0.2525161	0.054443
SpM1_ChORF1139_at	-	<i>spy1139</i>	Unknown	Hypothetical protein	Unknown	-	-	320.30	45.40	-45.90	-100.24	3.19E-12	7.91E-06	0.0001378	0.00023

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1941_s_at	<i>cysS</i>	<i>spy1941</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	Essential	Essential	318.92	295.49	3.34	-165.80	1.87E-14	7.91E-06	9.26E-08	0.000225
SpM1_ChORF1726_s_at	-	<i>spy1726</i>	Unknown	Hypothetical protein	Unknown	-	-	318.84	205.72	-34.96	-67.67	8.14E-15	7.91E-06	0.0016833	0.000574
SpM1_ChORF0121_s_at	-	<i>spy0121</i>	Unknown	Hypothetical protein	Unknown	-	-	316.58	23.84	-44.75	-281.33	2.60E-12	7.91E-06	4.82E-13	0.000225
SpM5_ChORFJ7578C-5_s_at	-	<i>SpyoM5_Chr ORF_J7578C e05.s1c_5</i>	Unknown	Hypothetical protein	Unknown	-	-	313.81	-104.55	-94.76	-190.48	2.03E-08	7.91E-06	0.0001083	0.000227
SpM1_ChORF1649_s_at	<i>pbp1A</i>	<i>spy1649</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	312.87	766.38	88.45	-462.30	1.10E-05	7.91E-06	6.81E-06	0.000225
SpM1_ChORF0786_s_at	<i>rgpAc</i>	<i>spy0786</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	312.01	-35.95	-144.32	79.96	4.66E-19	7.91E-06	0.0013306	0.00048
SpM1_ChORF0050_s_at	<i>rpID</i>	<i>spy0050</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	304.02	-267.07	-282.52	-166.62	1.36E-14	7.91E-06	0.0035412	0.001096
SpM1_ChORF0908_s_at	-	<i>spy0908</i>	Unknown	Conserved protein	Unknown	Essential	-	302.73	201.33	160.86	-90.60	3.72E-22	7.91E-06	1.73E-08	0.000225
SpM1_ChORF1892_s_at	-	<i>spy1892</i>	Unknown	Hypothetical extracellular protein	Unknown	-	-	301.80	-93.12	-130.73	-178.14	1.93E-17	7.91E-06	3.81E-09	0.000225
SpM1_ChORF2104_s_at	-	<i>spy2104</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	295.22	42.60	26.33	-104.03	3.66E-19	7.91E-06	8.83E-09	0.000225
SpM12_ChORF299-12_at	-	<i>SpyoM12_Chr ORF_299_12</i>	Unknown	Hypothetical protein	Unknown	-	-	294.70	457.65	347.10	59.10	2.84E-26	7.91E-06	0.0126921	0.003565
SpM1_ChORF1729_s_at	-	<i>spy1729</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	293.84	215.07	12.07	-18.34	2.82E-16	7.91E-06	0.2173244	0.047644
SpM1_ChORF0321_s_at	-	<i>spy0321</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	Essential	-	293.48	233.39	213.44	-33.03	7.50E-11	7.91E-06	0.2197412	0.048003
SpM1_ChORF1071_s_at	<i>thdF</i>	<i>spy1071</i>	Other	GTP-binding protein	GTP-binding	-	-	292.09	60.09	80.16	-146.81	9.65E-23	7.91E-06	4.68E-17	0.000225
SpM1_ChORF0591_s_at	-	<i>spy0591</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	Essential	-	292.02	3.53	87.42	-260.77	7.09E-16	7.91E-06	7.83E-19	0.000225
SpM1_ChORF0343_s_at	-	<i>spy0343</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	Essential	289.88	-77.83	-123.74	-5.79	6.21E-12	7.91E-06	0.5726026	0.113817
SpM1_ChORF1378_s_at	<i>nrdF.2</i>	<i>spy1378</i>	Nucleotides	Nucleotides biosynthesis	Purine, pyrimidine biosynthesis	-	-	289.20	-52.50	-241.14	-351.21	1.30E-21	7.91E-06	1.16E-21	0.000225
SpM1_ChORF2210_s_at	-	<i>spy2210</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	Essential	Essential	288.87	-35.65	-229.23	-101.40	1.42E-20	7.91E-06	1.10E-05	0.000225
SpM1_ChORF0015_s_at	<i>ftsH</i>	<i>spy0015</i>	Cell shape and division	Cell shape & division	Cell division	-	-	288.57	-442.23	-547.49	-793.69	7.35E-08	7.91E-06	7.58E-13	0.000225
SpM1_ChORF0305_s_at	-	<i>spy0305</i>	Unknown	Hypothetical protein	Unknown	-	-	287.62	38.91	30.11	-156.75	5.39E-12	7.91E-06	1.49E-09	0.000225
SpM1_ChORF0349_s_at	<i>greA</i>	<i>spy0349</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	286.23	-406.68	-504.59	-509.27	6.57E-09	7.91E-06	1.44E-08	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1654_s_at	-	<i>spy1653</i>	Cofactors	NAD	NAD biosynthesis	-	-	286.22	-151.65	-65.66	-169.81	2.64E-08	7.91E-06	0.0003862	0.000267
SpM1_ChORF2116_s_at	<i>recA</i>	<i>spy2116</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	285.84	-217.33	-601.70	338.01	1.33E-09	7.91E-06	0.0004732	0.000284
SpM1_ChORF0022_s_at	<i>plsX</i>	<i>spy0022</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	Essential	Essential	282.74	290.56	-17.95	-40.26	1.12E-08	7.91E-06	0.1779165	0.039548
SpM1_ChORF2184_s_at	-	<i>spy2184</i>	Unknown	Hypothetical protein	Unknown	-	-	279.64	-406.06	-617.33	-204.37	4.10E-22	7.91E-06	3.40E-06	0.000225
SpM1_ChORF1572_s_at	-	<i>spy1572</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	277.17	56.45	-1.76	-38.20	4.06E-18	7.91E-06	0.0034094	0.001059
SpM1_ChORF0094_s_at	<i>adcB</i>	<i>spy0094</i>	Membrane transport	Membrane transport	Metal ion membrane transport	Essential	Essential	277.05	198.45	288.38	-135.77	4.22E-17	7.91E-06	3.74E-08	0.000225
SpM12_ChORF263-13_s_at	<i>asnS</i>	<i>spy0651</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	275.73	82.46	31.46	-229.32	1.86E-26	7.91E-06	2.92E-30	0.000225
SpM1_ChORF2196_s_at	<i>pgsA</i>	<i>spy2196</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	274.30	12.29	-91.33	-118.14	4.52E-19	7.91E-06	1.54E-09	0.000225
SpM1_ChORF1275_s_at	-	<i>spy1275</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	273.86	214.65	185.14	-210.15	1.07E-11	7.91E-06	6.92E-13	0.000225
SpM1_ChORF0454_s_at	<i>mtsB</i>	<i>spy0454</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	272.72	87.76	56.31	-63.58	0.000238	9.12E-06	0.0380704	0.009744
SpM1_ChORF1173_s_at	<i>gid</i>	<i>spy1173</i>	DNA metabolism	Packaging & segregation	DNA packaging	-	-	270.45	141.15	155.59	-196.87	3.36E-10	7.91E-06	1.15E-11	0.000225
SpM1_ChORF1695_s_at	-	<i>spy1695</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	268.21	111.71	157.27	-128.53	2.74E-18	7.91E-06	2.51E-11	0.000225
SpM1_ChORF0374_s_at	-	<i>spy0374</i>	Cell envelope	Cell wall	Virulence interacting proteins	-	-	268.19	160.74	68.26	151.28	7.67E-06	7.91E-06	5.36E-05	0.000225
SpM1_ChORF0436_at	<i>speJ</i>	<i>spy0436</i>	Virulence	Virulence interacting proteins	Pyrogenic Toxin Superantigen	-	-	264.22	86.58	9.62	-139.71	1.48E-08	7.91E-06	1.96E-07	0.000225
M12_1023_s_at	-	<i>M12_1023</i>	Lipid metabolism	Isoprenoids	Isoprenoid biosynthesis	-	-	263.59	71.55	80.01	-155.77	2.53E-11	7.91E-06	4.83E-10	0.000225
SpM1_ChORF2093_s_at	<i>tsf</i>	<i>spy2093</i>	Protein synthesis	Translation factors	Translation factor	-	-	262.31	-207.04	-224.62	-193.55	7.72E-15	7.91E-06	1.17E-05	0.000225
SpM1_ChORF0261_s_at	-	<i>spy0261</i>	Unknown	Hypothetical protein	Unknown	-	-	261.25	14.37	408.91	-3.74	3.71E-10	7.91E-06	0.6735649	0.130996
SpM1_ChORF1839_s_at	-	<i>spy1839</i>	Unknown	Hypothetical protein	Unknown	-	-	259.80	129.49	63.72	-36.00	2.18E-25	7.91E-06	0.0009557	0.000384
SpM1_ChORF2150_s_at	<i>ahrC</i>	<i>spy2150</i>	RNA metabolism	Transcription regulation	Regulation	-	-	256.08	155.36	97.18	49.01	6.15E-16	7.91E-06	0.0165998	0.00459
SpM1_ChORF1140_s_at	<i>tdk2</i>	<i>spy1140</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	255.57	50.94	-7.60	-19.23	1.32E-23	7.91E-06	0.0370389	0.009495
SpM1_ChORF0274_s_at	<i>plr, gap</i>	<i>spy0274</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	-	253.16	-653.37	-617.67	-35.51	2.04E-05	7.91E-06	0.7108579	0.137186
SpM1_ChORF0724_s_at	<i>rplS</i>	<i>spy0724</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	250.80	21.71	263.41	225.49	1.73E-09	7.91E-06	2.96E-10	0.000225
SpM1_ChORF0817_s_at	<i>thil</i>	<i>spy0817</i>	Cofactors	Protein synthesis	tRNA synthetase	-	-	250.17	-67.64	-131.86	-61.46	1.15E-18	7.91E-06	0.0059934	0.001785
SpM1_ChORF0239_s_at	<i>gltX</i>	<i>spy0239</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	249.69	-131.00	-212.52	-26.08	4.39E-20	7.91E-06	0.169578	0.037814

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1356_s_at	-	<i>spy1356</i>	Unknown	Hypothetical protein	Unknown	-	-	246.86	179.50	78.58	827.87	2.42E-06	7.91E-06	2.31E-36	0.000225
SpM1_ChORF2188_s_at	<i>trmU</i>	<i>spy2188</i>	RNA metabolism	RNA modification	RNA modification	-	-	245.57	-4.13	55.68	-47.59	2.18E-15	7.91E-06	0.01494	0.00416
SpM1_ChORF1514_s_at	<i>divIVA S</i>	<i>spy1514</i>	Cell shape and division	Cell shape & division	Cell division	-	-	245.48	115.26	-273.02	-25.80	6.33E-13	7.91E-06	0.2635333	0.056471
SpM1_ChORF1718_s_at	-	<i>spy1718</i>	Unknown	Hypothetical protein	Unknown	-	-	244.92	-2.09	-99.62	-199.81	6.19E-16	7.91E-06	1.16E-14	0.000225
SpM1_ChORF2185_at	<i>gidA</i>	<i>spy2185</i>	Cell shape and division	Cell shape & division	Cell division	-	-	244.79	116.88	130.86	-79.45	7.04E-18	7.91E-06	8.17E-07	0.000225
SpM1_ChORF0816_s_at	<i>nifS, yrvO</i>	<i>spy0816</i>	Cofactors	Fe-sulfate cluster	Fe-sulfate cluster biosynthesis	-	-	244.76	-31.67	-51.82	-82.05	7.14E-21	7.91E-06	1.58E-06	0.000225
SpM1_ChORF1122_s_at	<i>nifS, yrvO</i>	<i>spy1122</i>	Cofactors	Fe-sulfate cluster	Fe-sulfate cluster biosynthesis	Essential	-	243.70	-802.47	-1225.56	-300.32	1.26E-16	7.91E-06	0.0005004	0.000289
SpM1_ChORF1171_s_at	<i>satD</i>	<i>spy1171</i>	Unknown	Hypothetical protein	Unknown	Essential	-	238.35	258.26	205.97	75.69	1.93E-25	7.91E-06	5.31E-05	0.000225
SpM1_ChORF1241_s_at	<i>pstB</i>	<i>spy1241</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	238.10	59.26	-125.61	209.39	5.47E-13	7.91E-06	7.62E-11	0.000225
SpM1_ChORF0410_s_at	-	<i>spy0410</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	234.64	290.78	232.77	-84.32	4.99E-25	7.91E-06	9.86E-09	0.000225
SpM5_ChORFJ7578C-342_	-	<i>SpyoM5_Chr ORF_J7578C e05.s1c_342</i>	Unknown	Hypothetical protein	Unknown	-	-	234.63	70.07	68.81	170.15	2.42E-11	7.91E-06	2.78E-13	0.000225
SpM1_ChORF1983_at	<i>sclA</i>	<i>spy1983</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	233.91	159.13	-32.26	66.82	1.57E-10	7.91E-06	0.0697697	0.016863
SpM1_ChORF0053_x_at	<i>rpsS</i>	<i>spy0053</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	233.62	-329.85	-485.75	-265.65	6.98E-07	7.91E-06	0.0388464	0.009907
SpM1_ChORF0002_s_at	<i>dnaA</i>	<i>spy0002</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	231.54	78.11	-31.30	-179.32	1.19E-08	7.91E-06	5.70E-09	0.000225
SpM1_ChORF1871_s_at	<i>rpsN2</i>	<i>spy1871</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	230.18	113.36	218.25	-185.36	1.82E-10	7.91E-06	1.01E-11	0.000225
SpM1_ChORF0020_s_at	<i>prsA.2</i>	<i>spy0020</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	-	229.38	-98.91	-124.85	57.20	5.62E-18	7.91E-06	0.0024854	0.000801
SpM1_ChORF1866_s_at	-	<i>spy1866</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	229.13	214.91	291.95	-97.63	8.90E-18	7.91E-06	5.51E-07	0.000225
SpM1_ChORF1861_s_at	-	<i>spy1861</i>	Phage	Phage proteins	Phage regulatory proteins	-	-	226.78	179.13	119.04	-43.18	1.76E-18	7.91E-06	0.0004962	0.000289
SpM12_ChORF279-21_s_at	-	<i>spy0223</i>	Unknown	Hypothetical protein	Unknown	-	-	226.73	77.10	50.30	-92.05	3.03E-26	7.91E-06	3.95E-16	0.000225
SpM1_ChORF1221_s_at	<i>dpfB</i>	<i>spy1221</i>	Unknown	Hypothetical protein	Unknown	-	-	226.36	124.69	50.69	-5.51	1.44E-14	7.91E-06	0.4996912	0.101155
SpM1_ChORF1202_s_at	-	<i>spy1202</i>	RNA metabolism	Transcription r egulation	Unknown	-	-	223.69	17.18	29.97	-62.23	3.81E-11	7.91E-06	0.0004965	0.000289
SpM1_ChORF1372_s_at	<i>pstI</i>	<i>spy1372</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	Essential	Essential	223.11	-736.24	-1312.97	-101.53	2.23E-24	7.91E-06	0.1306552	0.029758
SpM1_ChORF1699_s_at	-	<i>spy1699</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	222.75	75.64	75.32	-58.83	5.41E-11	7.91E-06	0.0007426	0.000337

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1141_s_at	<i>prfA</i>	<i>spy1141</i>	Protein synthesis	Translation factors	Translation factor	Essential	Essential	222.18	-64.25	-144.13	-22.77	7.01E-20	7.91E-06	0.1487036	0.033478
SpM1_ChORF1416_s_at	<i>prfC</i>	<i>spy1416</i>	Protein synthesis	Translation factors	Translation factor	-	-	221.48	231.11	418.55	213.80	2.07E-05	7.91E-06	0.0002408	0.000243
SpM1_ChORF0319_s_at	-	<i>spy0319</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	220.22	-13.52	-72.67	56.51	2.50E-05	7.91E-06	0.2440947	0.052724
SpM1_ChORF0821_s_at	-	<i>spy0821</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	219.89	-402.93	-189.94	-46.85	3.96E-07	7.91E-06	0.9997997	0.182524
SpM1_ChORF2155_s_at	-	<i>spy2155</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	218.93	217.52	113.99	-227.53	7.13E-13	7.91E-06	1.68E-17	0.000225
SpM1_ChORF2207_s_at	<i>trsA/trpA</i>	<i>spy2207</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	218.56	263.99	-64.15	-143.86	9.06E-15	7.91E-06	1.83E-07	0.000225
SpM1_ChORF0778_s_at	-	<i>spy0778</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	218.05	34.95	-106.03	-301.56	0.0006101	1.22E-05	1.10E-07	0.000225
SpM1_ChORF1350_s_at	<i>psr</i>	<i>spy1350</i>	RNA metabolism	Transcription regulation		Essential	Essential	217.49	72.54	53.12	1362.27	0.0111738	0.000144	9.74E-37	0.000225
SpM1_ChORF1842_s_at	<i>spi</i>	<i>spy1842</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	216.93	68.59	-21.85	-53.93	3.43E-12	7.91E-06	0.0024752	0.000799
SpM1_ChORF1840_s_at	-	<i>spy1840</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	216.40	-28.65	-96.17	-50.14	4.80E-13	7.91E-06	0.0244171	0.006555
SpM1_ChORF0392_s_at	<i>upp</i>	<i>spy0392</i>	Nucleotides	Nucleotides biosynthesis	Purine, pyrimidine biosynthesis	-	-	215.87	-724.82	-723.03	-185.30	6.72E-25	7.91E-06	0.0007476	0.000338
SpM1_ChORF0466_s_at	<i>msrA.2</i>	<i>spy0466</i>	Protein synthesis	Protein folding & modification	Protein modification	-	-	215.50	297.72	290.25	-117.69	2.12E-16	7.91E-06	4.42E-07	0.000225
SpM1_ChORF0197_s_at	<i>nadC</i>	<i>spy0197</i>	Cofactors	NAD	NAD biosynthesis	-	-	214.76	90.63	32.76	-30.75	1.96E-17	7.91E-06	0.0063974	0.0019
SpM1_ChORF0621_s_at	-	<i>spy0621</i>	Unknown	Hypothetical protein	Unknown	-	-	213.04	-28.68	-83.04	-129.57	1.49E-26	7.91E-06	3.47E-18	0.000225
SpM1_ChORF0598_s_at	-	<i>spy0598</i>	Carbohydrate metabolism	Bioenergetics		-	-	211.42	51.38	-49.97	90.36	5.78E-22	7.91E-06	5.57E-09	0.000225
SpM1_ChORF1274_s_at	-	<i>spy1274</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	211.41	161.01	103.71	-196.44	9.99E-11	7.91E-06	3.78E-15	0.000225
SpM1_ChORF0260_s_at	-	<i>spy0260</i>	Unknown	Hypothetical protein	Unknown	-	-	210.03	31.18	355.60	49.48	5.83E-09	7.91E-06	0.3577607	0.074927
SpM1_ChORF1741_s_at	<i>manO</i>	<i>spy1741</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	209.57	31.79	-49.79	-4.32	6.84E-18	7.91E-06	0.5581453	0.111385
SpM1_ChORF0619_s_at	-	<i>spy0619</i>	Unknown	Hypothetical protein	Unknown	-	-	206.53	372.90	481.08	-237.19	6.83E-09	7.91E-06	1.59E-05	0.000225
SpM1_ChORF1659_s_at	-	<i>spy1658</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	206.14	-152.71	-197.78	88.00	8.39E-20	7.91E-06	0.0001409	0.00023
SpM1_ChORF1172_s_at	<i>satE</i>	<i>spy1172</i>	Unknown	Hypothetical protein	Unknown	Essential	-	203.67	224.01	208.01	52.65	5.92E-20	7.91E-06	0.0043893	0.001338
SpM1_ChORF0060_s_at	<i>rpsQ</i>	<i>spy0060</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	201.53	-784.95	-1302.49	-621.72	3.19E-08	7.91E-06	0.0053576	0.001608
SpM1_ChORF0457_s_at	-	<i>spy0457</i>	Unknown	Hypothetical protein	Unknown	-	-	199.99	9.27	44.65	49.00	1.91E-05	7.91E-06	0.1293219	0.02955

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF0201_s_at	-	<i>spy0201</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	198.82	261.44	277.27	26.68	4.65E-09	7.91E-06	0.4105868	0.084728
SpM1_ChORF0599_s_at	-	<i>spy0599</i>	RNA metabolism	Transcription regulation		Essential	Essential	198.81	24.73	-51.98	79.16	3.82E-17	7.91E-06	2.84E-06	0.000225
SpM1_ChORF1400_s_at	<i>queA</i>	<i>spy1400</i>	RNA metabolism	RNA modification	RNA modification	-	-	196.23	24.52	17.03	-184.19	2.33E-14	7.91E-06	2.99E-21	0.000225
SpM1_ChORF1852_s_at	-	<i>spy1852</i>	Unknown	Hypothetical protein	Unknown	-	-	196.10	46.32	91.34	-99.72	2.33E-15	7.91E-06	7.32E-11	0.000225
SpM1_ChORF0062_s_at	<i>rplX</i>	<i>spy0062</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	Essential	-	195.31	-819.91	-1555.74	-560.31	6.32E-12	7.91E-06	0.0036181	0.001115
SpM1_ChORF1036_s_at	-	<i>spy1036</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	195.00	166.53	4.00	58.48	1.43E-18	7.91E-06	0.0002847	0.00025
SpM1_ChORF1734_s_at	-	<i>spy1734</i>	Unknown	Hypothetical protein	Unknown	-	-	189.89	121.95	217.00	-134.31	1.00E-16	7.91E-06	1.44E-13	0.000225
SpM1_ChORF0849_s_at	<i>trmD</i>	<i>spy0849</i>	RNA metabolism	RNA modification	RNA modification	-	-	189.66	-28.27	-61.06	-68.69	8.57E-18	7.91E-06	2.39E-06	0.000225
SpM1_ChORF1126_s_at	-	<i>spy1126</i>	Cofactors	NAD	NAD biosynthesis	-	-	189.54	5.43	-13.83	-93.65	6.80E-13	7.91E-06	2.99E-08	0.000225
SpM1_ChORF0412_s_at	<i>exoA</i>	<i>spy0412</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	187.70	21.40	-39.84	-91.38	1.36E-18	7.91E-06	1.20E-11	0.000225
SpM5_ChORF270b-433_s_at	-	<i>SpyoM5_Chr ORF_270b10.p1t_433</i>	Unknown	Hypothetical protein	Unknown	-	-	187.02	62.66	75.32	-109.15	2.06E-06	7.91E-06	3.63E-05	0.000225
SpM1_ChORF0181_s_at	-	<i>spy0181</i>	RNA metabolism	Transcription regulation		-	-	186.13	119.65	179.78	22.48	1.06E-18	7.91E-06	0.0378148	0.009686
SpM1_ChORF0329_s_at	<i>gidB</i>	<i>spy0329</i>	Cell shape and division	Cell shape & division	Cell division	-	Essential	185.43	-5.55	-69.17	-50.25	2.12E-21	7.91E-06	1.16E-05	0.000225
SpM1_ChORF2194_s_at	-	<i>spy2194</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	185.31	76.72	47.08	-115.76	1.82E-16	7.91E-06	3.18E-15	0.000225
SpM1_ChORF1203_s_at	-	<i>spy1203</i>	Unknown	Hypothetical protein	Unknown	-	-	184.55	25.83	12.17	-78.81	2.60E-18	7.91E-06	1.33E-11	0.000225
SpM1_ChORF0262_s_at	<i>ksgA</i>	<i>spy0262</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	183.55	-58.78	326.45	-34.63	8.74E-08	7.91E-06	0.3407875	0.071628
SpM1_ChORF1978_s_at	<i>lrp</i>	<i>spy1978</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	183.32	171.15	164.43	41.32	5.35E-20	7.91E-06	0.0008956	0.000371
SpM1_ChORF0731_s_at	<i>eno</i>	<i>spy0731</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	-	182.46	-1709.93	-2345.83	-574.97	3.20E-14	7.91E-06	0.0033634	0.001046
SpM1_ChORF1411_s_at	-	<i>spy1411</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	182.22	15.18	14.09	-87.72	6.84E-16	7.91E-06	8.10E-11	0.000225
SpM1_ChORF0508_s_at	-	<i>spy0508</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	182.06	21.31	-86.40	-71.70	4.67E-14	7.91E-06	1.49E-05	0.000225
SpM1_ChORF0248_s_at	-	<i>spy0248</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	181.99	292.53	122.57	-66.32	3.93E-11	7.91E-06	0.001684	0.000574
SpM1_ChORF0327_s_at	<i>ntpJ</i>	<i>spy0327</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	179.04	45.42	-69.09	-101.63	2.10E-16	7.91E-06	1.13E-08	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0071_s_at	<i>rpmD</i>	<i>spy0071</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	177.76	272.70	-94.71	43.77	0.0458	0.000566	0.2610741	0.056013
SpM1_ChORF0507_s_at	-	<i>spy0507</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	177.52	48.44	-75.81	-167.20	2.53E-07	7.91E-06	5.91E-09	0.000225
SpM1_ChORF1359_s_at	<i>metK</i>	<i>spy1359</i>	Cofactors	S-adenosylmethionine	S-adenosylmethionine biosynthesis	-	-	177.05	-140.22	-173.80	-260.37	1.18E-19	7.91E-06	1.82E-21	0.000225
SpM1_ChORF0376_s_at	-	<i>spy0376</i>	Unknown	Hypothetical protein	Unknown	-	-	174.82	275.46	190.15	179.88	3.02E-08	7.91E-06	4.61E-07	0.000225
SpM18_ChORF0119_s_at	<i>pheT1</i>	<i>spyM18_0119</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	174.29	-29.10	-126.44	-137.54	4.45E-26	7.91E-06	4.83E-19	0.000225
SpM18_ChORF1663_s_at	-	<i>spyM18_1663</i>	Unknown	Hypothetical protein	Unknown	-	-	174.25	281.55	285.18	-174.44	2.62E-15	7.91E-06	4.41E-12	0.000225
SpM1_ChORF1010_s_at	<i>mutX</i>	<i>spy1010</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	174.24	137.72	-31.98	30.96	4.03E-18	7.91E-06	0.2340058	0.050701
SpM1_ChORF0435_at	-	<i>spy0435</i>	Unknown	Hypothetical protein	Unknown	-	-	173.48	-54.90	-79.92	26.45	1.43E-21	7.91E-06	0.0421288	0.010636
SpM1_ChORF1053_s_at	<i>lepA</i>	<i>spy1053</i>	Protein synthesis	Translation factors	Translation factor	Essential	-	172.06	152.24	288.35	46.67	8.92E-07	7.91E-06	0.099396	0.023334
SpM1_ChORF0144_s_at	-	<i>spy0144</i>	Unknown	Hypothetical protein	Unknown	-	-	170.89	151.20	110.23	-39.05	2.25E-15	7.91E-06	0.0006271	0.000313
SpM1_ChORF1945_s_at	-	<i>spy1945</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	169.65	67.55	-274.31	-275.04	3.75E-09	7.91E-06	6.33E-08	0.000225
SpM18_ChORF0118_s_at	<i>trxA</i>	<i>spyM18_0118</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	168.15	-32.64	-97.07	-87.09	2.76E-19	7.91E-06	3.90E-09	0.000225
SpM1_ChORF2157_s_at	<i>hisS</i>	<i>spy2157</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	167.26	-1.63	-73.26	-93.30	7.58E-25	7.91E-06	1.09E-14	0.000225
SpM1_ChORF0912_s_at	-	<i>spy0912</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	167.23	-26.71	-70.19	36.47	9.30E-18	7.91E-06	0.0104155	0.002971
SpM1_ChORF0899_s_at	-	<i>spy0899</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	166.65	137.99	111.77	238.35	0.0002182	8.99E-06	8.89E-12	0.000225
SpM1_ChORF2058_s_at	<i>secE</i>	<i>spy2058</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	165.58	-144.11	-138.51	-81.29	6.37E-12	7.91E-06	0.0086602	0.002519
SpM1_ChORF1239_s_at	<i>pepN</i>	<i>spy1239</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	165.01	-208.73	-645.42	444.48	1.67E-18	7.91E-06	4.31E-13	0.000225
SpM12_ChORF299-13_at	-	<i>SpyoM12_ChORF_299_13</i>	Unknown	Hypothetical protein	Unknown	-	-	164.21	194.79	136.45	-8.89	2.25E-19	7.91E-06	0.2172486	0.047644
SpM1_ChORF0462_s_at	<i>pyrH</i>	<i>spy0462</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	Essential	Essential	164.01	-151.44	-143.62	-78.69	4.44E-08	7.91E-06	0.0075379	0.002215
SpM1_ChORF0550_s_at	-	<i>spy0550</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	163.09	21.76	-15.12	-61.73	4.63E-14	7.91E-06	2.36E-07	0.000225
SpM1_ChORF1845_s_at	-	<i>spy1845</i>	Unknown	Hypothetical protein	Unknown	-	-	162.54	1031.46	1378.22	73.96	2.07E-30	7.91E-06	0.1766119	0.039283
SpM1_ChORF0552_s_at	-	<i>spy0552</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	161.78	32.83	9.06	-60.11	2.03E-11	7.91E-06	7.07E-06	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF2154_s_at	-	<i>spy2154</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	161.34	257.44	193.38	-197.39	1.70E-09	7.91E-06	3.49E-11	0.000225
SpM1_ChORF0623_s_at	<i>pacL</i>	<i>spy0623</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	161.32	-40.00	28.44	-73.24	0.009576	0.000124	0.0636022	0.015544
SpM1_ChORF0437_at	-	<i>spy0437</i>	Unknown	Hypothetical protein	Unknown	-	-	161.23	44.24	-13.97	-68.28	3.59E-14	7.91E-06	1.78E-08	0.000225
SpM1_ChORF1101_s_at	<i>murB</i>	<i>spy1101</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	160.55	-28.19	7.72	-42.40	6.51E-17	7.91E-06	0.0018665	0.000624
SpM1_ChORF0456_s_at	<i>mtsC</i>	<i>spy0456</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	157.58	96.62	47.97	-51.01	2.40E-10	7.91E-06	4.72E-05	0.000225
SpM1_ChORF1940_s_at	-	<i>spy1940</i>	Unknown	Hypothetical cytosolic Protein	Unknown	Essential	Essential	157.20	170.36	-35.87	-136.67	6.35E-12	7.91E-06	9.53E-10	0.000225
SpM1_ChORF0259_s_at	-	<i>spy0259</i>	RNA metabolism	Transcription r egulation		-	-	156.10	44.51	-25.05	-68.96	1.72E-11	7.91E-06	2.03E-05	0.000225
SpM1_ChORF1102_s_at	<i>potA</i>	<i>spy1102</i>	Membrane transport	Membrane transport	Polyamine membrane transport	-	-	155.97	-11.95	34.33	-80.63	1.24E-07	7.91E-06	0.0006393	0.000315
SpM18_ChORF0013_s_at	<i>hpt</i>	<i>spyM18_0013</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	155.55	-93.30	-76.54	-150.15	9.18E-14	7.91E-06	1.03E-12	0.000225
SpM1_ChORF0882_s_at	<i>thyA</i>	<i>spy0882</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	154.23	-74.24	-176.49	-16.17	9.56E-25	7.91E-06	0.1071089	0.024862
SpM1_ChORF0533_s_at	-	<i>spy0533</i>	RNA metabolism	Transcription r egulation		-	-	153.33	93.63	82.88	7.67	2.16E-22	7.91E-06	0.8569051	0.159841
SpM1_ChORF1206_s_at	-	<i>spy1206</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	152.52	-12.21	-55.82	-36.47	1.98E-18	7.91E-06	0.0024053	0.000779
SpM1_ChORF1401_s_at	-	<i>spy1401</i>	Unknown	Hypothetical protein	Unknown	-	-	152.20	-39.85	-31.18	-338.77	6.23E-09	7.91E-06	1.10E-26	0.000225
SpM1_ChORF0905_s_at	<i>ung</i>	<i>spy0905</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	151.81	33.50	-71.65	-93.59	4.27E-15	7.91E-06	4.24E-09	0.000225
SpM12_ChORF299-11_at	-	<i>SpyoM12_ChORF_299_11</i>	Unknown	Hypothetical protein	Unknown	Essential	-	150.69	135.92	-16.10	79.11	5.78E-13	7.91E-06	5.74E-06	0.000225
SpM1_ChORF0606_s_at	<i>pepF</i>	<i>spy0606</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	150.62	77.75	-77.90	-55.48	2.84E-19	7.91E-06	8.04E-06	0.000225
SpM1_ChORF0073_s_at	<i>secY</i>	<i>spy0073</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	150.10	189.24	-163.91	63.89	0.179865	0.002122	0.1386472	0.031374
SpM1_ChORF0844_s_at	-	<i>spy0844</i>	Unknown	Hypothetical protein	Unknown	-	-	149.64	21.52	-54.17	-351.19	1.29E-12	7.91E-06	1.40E-32	0.000225
SpM12_ChORF300-26_s_at	-	<i>SpyoM12_ChORF_300_26</i>	Unknown	Hypothetical protein	Unknown	-	-	147.75	37.14	28.27	-73.66	2.31E-13	7.91E-06	2.69E-09	0.000225
SpM1_ChORF2042_s_at	<i>rgg</i>	<i>spy2042</i>	RNA metabolism	Transcription r egulation		-	-	146.54	70.74	-8.31	115.89	4.44E-12	7.91E-06	2.50E-12	0.000225
SpM1_ChORF1538_s_at	-	<i>spy1538</i>	Unknown	Hypothetical protein	Unknown	-	-	145.87	-36.14	-76.81	116.48	2.66E-16	7.91E-06	8.03E-11	0.000225
SpM1_ChORF1124_s_at	-	<i>spy1124</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	145.59	25.18	-12.31	-19.84	9.60E-14	7.91E-06	0.0257186	0.006859

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM5_ChORF270b-538_s_at	-	<i>SpyoM5_Chr ORF_270b10.p1t_538</i>	Unknown	Hypothetical protein	Unknown	-	-	145.19	-131.75	-230.52	-268.76	1.98E-20	7.91E-06	9.64E-21	0.000225
SpM1_ChORF0762_s_at	-	<i>spy0762</i>	Unknown	Hypothetical protein	Unknown	-	-	144.92	25.64	-9.74	-32.02	7.54E-14	7.91E-06	0.0051149	0.001542
SpM1_ChORF0787_s_at	<i>rgpBc</i>	<i>spy0787</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	144.74	-26.76	-134.93	89.40	2.51E-13	7.91E-06	2.04E-05	0.000225
SpM1_ChORF1605_s_at	<i>rocA</i>	<i>spy1605</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	144.21	88.76	55.46	2.84	2.95E-21	7.91E-06	0.8904462	0.165053
SpM1_ChORF1782_s_at	<i>asnB</i>	<i>spy1782</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	143.89	116.50	79.06	-117.27	2.99E-18	7.91E-06	1.18E-20	0.000225
SpM1_ChORF0843_s_at	-	<i>spy0843</i>	Unknown	Hypothetical membrane protein	Cell surface protein	-	-	143.43	10.37	-38.56	-303.09	3.03E-12	7.91E-06	2.65E-31	0.000225
SpM1_ChORF0203_s_at	<i>tgt</i>	<i>spy0203</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	Essential	-	143.42	-270.36	-344.49	-71.98	2.68E-29	7.91E-06	0.0002158	0.000239
SpM12_ChORF267-3_s_at	-	<i>SpyoM12_Chr ORF_267_3</i>	Unknown	Hypothetical protein	Unknown	-	-	142.15	-30.09	-79.98	-20.13	8.89E-18	7.91E-06	0.0284417	0.007498
SpM1_ChORF1728_s_at	-	<i>spy1728</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	141.89	129.14	-45.70	-27.25	5.14E-18	7.91E-06	0.0056519	0.001688
SpM1_ChORF1527_s_at	<i>typA</i>	<i>spy1527</i>	Other	GTP-binding protein	GTP-binding	-	-	141.51	-1119.25	-1288.45	-133.71	4.51E-29	7.91E-06	0.0347858	0.008962
SpM1_ChORF0356_s_at	-	<i>spy0356</i>	RNA metabolism	RNA modification	RNA modification	-	-	141.16	-34.71	-38.62	-61.47	1.26E-19	7.91E-06	8.47E-09	0.000225
SpM1_ChORF1646_s_at	-	<i>spy1646</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	140.43	-11.94	-31.91	-54.86	2.82E-07	7.91E-06	0.0107602	0.003054
SpM1_ChORF1872_s_at	-	<i>spy1872</i>	Other	Unknown	Unknown	-	-	139.35	-246.14	-378.71	-206.41	4.81E-20	7.91E-06	1.10E-10	0.000225
SpM1_ChORF1784_s_at	-	<i>spy1784</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	138.08	-39.35	-67.14	-32.75	6.92E-16	7.91E-06	0.0064119	0.001903
SpM1_ChORF1608_s_at	-	<i>spy1608</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	137.86	131.42	1.42	-23.68	4.10E-10	7.91E-06	0.1525529	0.034257
SpM1_ChORF1072_s_at	<i>rpLJ</i>	<i>spy1072</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	137.60	-935.50	-1278.69	-61.87	8.24E-22	7.91E-06	0.9083043	0.167561
SpM1_ChORF1093_s_at	<i>dacA</i>	<i>spy1093</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	137.37	-7.80	-34.73	-5.44	4.15E-22	7.91E-06	0.2172275	0.047644
SpM1_ChORF1873_s_at	-	<i>spy1873</i>	Protein synthesis	Protein folding & modification	Protein modification	-	-	136.39	-60.45	-144.25	-103.28	5.45E-20	7.91E-06	4.57E-11	0.000225
SpM1_ChORF1502_s_at	<i>folD</i>	<i>spy1502</i>	Cofactors	Folate	Folate biosynthesis	-	-	135.78	-31.84	-63.12	-36.80	3.24E-17	7.91E-06	0.0005296	0.000294
SpM1_ChORF2186_s_at	-	<i>spy2186</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	134.57	36.12	18.23	-41.91	1.25E-15	7.91E-06	4.37E-06	0.000225
SpM1_ChORF1290_s_at	-	<i>spy1290</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	134.25	3.08	-64.66	-23.52	2.24E-15	7.91E-06	0.0334224	0.008662
SpM1_ChORF2199_s_at	-	<i>spy2199</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	134.15	-49.28	-62.73	-13.33	1.06E-18	7.91E-06	0.1318576	0.029973

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM12_ChORF291-7_s_at	-	<i>SpyoM12_ChORF_291_7</i>	Unknown	Hypothetical protein	Unknown	-	-	133.93	-14.83	-58.95	-158.71	3.06E-14	7.91E-06	3.05E-19	0.000225
SpM3_ChORF0503_s_at	-	<i>SpyM3_0503</i>	Unknown	Hypothetical protein	Unknown	-	-	133.82	54.50	49.44	-26.83	9.86E-16	7.91E-06	0.0017064	0.000581
SpM1_ChORF0590_s_at	-	<i>spy0590</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	133.06	-8.50	-41.28	-85.28	8.93E-18	7.91E-06	1.12E-12	0.000225
SpM1_ChORF1179_s_at	-	<i>spy1179</i>	RNA metabolism	Transcription regulation		-	-	132.44	128.87	81.35	129.98	3.65E-13	7.91E-06	2.75E-16	0.000225
SpM1_ChORF0051_s_at	<i>rplW</i>	<i>spy0051</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	131.56	-230.95	-289.43	-150.91	1.12E-08	7.91E-06	0.0111921	0.003162
SpM1_ChORF0242_s_at	<i>fasB</i>	<i>spy0242</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	131.47	5.07	-33.73	-83.73	1.33E-19	7.91E-06	8.70E-15	0.000225
SpM1_ChORF1772_s_at	<i>gatC</i>	<i>spy1772</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	131.38	-46.39	-105.82	-76.34	7.29E-21	7.91E-06	6.95E-09	0.000225
SpM1_ChORF1025_at	-	<i>spy1025</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	131.31	158.95	96.01	-87.16	2.90E-13	7.91E-06	1.09E-10	0.000225
SpM1_ChORF2063_s_at	-	<i>spy2063</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	131.29	925.61	1558.04	147.55	2.69E-23	7.91E-06	0.1214017	0.027903
SpM1_ChORF0864_s_at	-	<i>spy0864</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	130.79	81.93	26.66	131.89	4.31E-05	7.96E-06	6.39E-08	0.000225
SpM1_ChORF0737_at	<i>epf</i>	<i>spy0737</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	130.55	138.46	131.30	373.14	1.13E-08	7.91E-06	1.28E-31	0.000225
SpM1_ChORF1354_s_at	<i>map</i>	<i>spy1354</i>	Protein synthesis	Protein folding & modification	Protein modification	-	-	130.45	113.28	3.30	904.78	0.0019378	2.66E-05	4.12E-45	0.000225
SpM1_ChORF1358_s_at	<i>murZ</i>	<i>spy1358</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	130.11	-36.28	59.52	424.54	2.92E-05	7.91E-06	2.42E-24	0.000225
SpM1_ChORF0811_s_at	-	<i>spy0811</i>	Unknown	Hypothetical protein	Unknown	-	-	129.93	14.96	57.06	-52.94	6.12E-06	7.91E-06	0.0031703	0.000992
SpM1_ChORF0115_s_at	<i>pepA</i>	<i>spy0115</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	129.87	32.05	16.14	-258.08	0.0001179	8.35E-06	4.48E-19	0.000225
SpM1_ChORF1955_s_at	<i>rpsO</i>	<i>spy1955</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	129.16	-56.05	-61.15	-67.31	4.07E-13	7.91E-06	3.46E-05	0.000225
SpM1_ChORF1410_s_at	-	<i>spy1410</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	128.89	47.11	70.79	-6.40	3.21E-09	7.91E-06	0.730076	0.140125
SpM1_ChORF1942_s_at	-	<i>spy1942</i>	Unknown	Hypothetical protein	Unknown	-	-	128.70	20.00	-52.21	-61.13	1.28E-15	7.91E-06	6.53E-07	0.000225
SpM1_ChORF1337_s_at	<i>rsuA</i>	<i>spy1337</i>	RNA metabolism	RNA modification	RNA modification	-	-	127.56	-31.44	-45.28	-94.27	2.07E-14	7.91E-06	1.97E-11	0.000225
SpM1_ChORF1648_s_at	<i>recU</i>	<i>spy1648</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	127.43	373.51	-20.18	219.03	7.24E-05	8.10E-06	0.0008598	0.000363
SpM1_ChORF1712_s_at	<i>lacR.1</i>	<i>spy1712</i>	RNA metabolism	Transcription regulation		-	-	127.37	419.50	352.70	156.15	6.60E-22	7.91E-06	2.32E-10	0.000225
SpM1_ChORF1958_s_at	<i>def</i>	<i>spy1958</i>	Protein synthesis	Protein folding & modification	Protein modification	-	-	127.04	-19.62	-169.50	-75.06	2.56E-19	7.91E-06	1.31E-05	0.000225
SpM1_ChORF0764_s_at	<i>epuA</i>	<i>spy0764</i>	Virulence	Virulence interacting proteins	Lantibiotic, Quorum sensing	-	-	126.79	50.73	46.77	-27.19	1.24E-13	7.91E-06	0.0025292	0.000813
SpM1_ChORF1363_s_at	-	<i>spy1363</i>	Unknown	Hypothetical protein	Unknown	-	-	126.32	13.47	-44.05	-52.51	4.80E-13	7.91E-06	2.55E-05	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM18_ChORF0618_s_at	-	<i>spy0553</i>	Unknown	Hypothetical protein	Unknown	-	-	125.37	31.50	5.89	-65.04	1.60E-10	7.91E-06	7.33E-08	0.000225
SpM1_ChORF1675_s_at	-	<i>spy1675</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	124.68	121.23	140.68	-103.35	2.60E-08	7.91E-06	5.34E-08	0.000225
SpM1_ChORF0385_s_at	<i>thuD</i>	<i>spy0385</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	124.57	-4.12	-28.91	-1.52	6.88E-17	7.91E-06	0.8306504	0.156104
SpM1_ChORF1329_s_at	-	<i>spy1329</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	124.39	10.26	-3.77	-35.17	2.74E-13	7.91E-06	3.39E-05	0.000225
SpM1_ChORF1529_s_at	<i>glcK</i>	<i>spy1529</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	124.34	633.98	263.56	-66.13	3.81E-16	7.91E-06	0.0426902	0.010755
SpM12_ChORF205-1_s_at	-	<i>spy0746</i>	Unknown	Hypothetical protein	Unknown	-	-	122.49	1532.54	2602.03	1734.22	1.48E-28	7.91E-06	1.42E-26	0.000225
SpM3_ChORF0884_s_at	-	<i>SpyM3_0884</i>	Unknown	Hypothetical protein	Unknown	-	-	121.87	93.48	-49.57	261.28	0.0001002	8.24E-06	5.92E-14	0.000225
SpM1_ChORF1016_s_at	-	<i>spy1016</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	121.40	69.89	-6.56	-45.55	8.02E-09	7.91E-06	0.0003949	0.000269
SpM18_ChORF0822_s_at	-	<i>spyM18_0822</i>	Unknown	Hypothetical protein	Unknown	-	-	121.26	47.12	41.45	-27.71	5.59E-09	7.91E-06	0.0220099	0.005954
SpM1_ChORF2160_x_at	<i>rpmG</i>	<i>spy2160</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	121.09	-802.64	-620.29	-230.15	1.70E-20	7.91E-06	0.0009205	0.000376
SpM12_ChORF299-65_at	-	<i>SpyM12_Chr ORF_299_65</i>	Unknown	Hypothetical protein	Unknown	-	Essential	120.51	29.42	25.42	-90.20	1.12E-09	7.91E-06	6.50E-13	0.000225
SpM1_ChORF2182_s_at	<i>holB</i>	<i>spy2182</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	120.46	-304.73	-558.19	-151.13	9.27E-21	7.91E-06	2.27E-05	0.000225
SpM1_ChORF0627_s_at	<i>regR</i>	<i>spyM18_0692</i>	RNA metabolism	Transcription r egulation		Essential	-	120.10	42.58	-13.83	-44.37	5.88E-09	7.91E-06	0.0004577	0.000281
SpM1_ChORF0840_s_at	<i>rpsP</i>	<i>spy0840</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	119.11	-94.50	-9.84	-35.08	0.0001299	8.41E-06	0.5233753	0.105295
SpM1_ChORF0196_s_at	-	<i>spy0196</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	119.08	122.64	101.79	-60.80	1.56E-19	7.91E-06	2.80E-06	0.000225
SpM1_ChORF0287_s_at	-	<i>spy0287</i>	Cofactors	Fe-sulfate cluster	Fe-sulfate cluster biosynthesis	-	-	119.07	-261.88	-387.82	-68.72	2.32E-15	7.91E-06	0.0311636	0.008149
SpM1_ChORF0227_s_at	-	<i>spy0227</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	119.03	31.64	19.86	122.79	7.65E-08	7.91E-06	3.23E-14	0.000225
SpM1_ChORF0720_s_at	-	<i>spy0720</i>	Unknown	Hypothetical protein	Unknown	Essential	-	118.74	159.99	133.41	22.87	1.81E-05	7.91E-06	0.2834882	0.060379
SpM18_ChORF2197_x_at	<i>rpmG</i>	<i>spyM18_2197</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	Essential	Essential	118.63	-830.49	-664.50	-251.21	9.35E-24	7.91E-06	9.42E-05	0.000226
SpM1_ChORF2107_s_at	-	<i>spy2107</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	118.54	302.15	470.90	-984.74	1.03E-09	7.91E-06	8.61E-32	0.000225
SpM1_ChORF1240_s_at	<i>phoU</i>	<i>spy1240</i>	RNA metabolism	Transcription r egulation		-	-	118.52	53.96	-222.26	309.58	5.44E-11	7.91E-06	8.29E-14	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM12_ChORF251-7_at	-	<i>SpyoM12_Chr ORF_251_7</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	118.07	41.84	43.61	-84.73	8.09E-10	7.91E-06	1.17E-11	0.000225
SpM1_ChORF1216_s_at	-	<i>spy1216</i>	Unknown	Hypothetical protein	Unknown	-	-	117.97	662.68	557.66	17.30	1.42E-17	7.91E-06	0.7200498	0.138655
SpM1_ChORF1114_s_at	-	<i>spy1114</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	117.80	-61.47	-108.48	-43.02	1.25E-22	7.91E-06	4.07E-05	0.000225
SpM1_ChORF1104_s_at	<i>potC</i>	<i>spy1104</i>	Membrane transport	Membrane transport	Polyamine membrane transport	Essential	Essential	117.51	48.77	71.62	-74.83	9.87E-07	7.91E-06	7.09E-06	0.000225
SpM1_ChORF0166_s_at	-	<i>spy0166</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	117.23	84.70	-299.27	-1.92	1.38E-05	7.91E-06	0.7613806	0.145025
SpM1_ChORF1125_s_at	-	<i>spy1125</i>	Stress adaptation	Phosphorus metabolism	PpGpp metabolism	-	-	116.64	-36.62	-101.86	-82.57	6.84E-14	7.91E-06	1.09E-07	0.000225
SpM18_ChORF1077_s_at	-	<i>spyM18_1077</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	115.24	-25.17	-15.93	-30.26	9.10E-19	7.91E-06	7.31E-06	0.000225
SpM1_ChORF2209_s_at	-	<i>spy2209</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	Essential	Essential	114.75	-26.98	-39.85	-64.98	8.54E-19	7.91E-06	1.25E-11	0.000225
SpM18_ChORF1197_s_at	-	<i>spyM18_1197</i>	Unknown	Hypothetical protein	Unknown	-	-	114.68	71.57	-55.82	201.37	2.45E-05	7.91E-06	1.39E-11	0.000225
SpM1_ChORF0007_s_at	<i>pth</i>	<i>spy0007</i>	Protein synthesis	Translation factors	Translation factor	-	-	114.55	0.27	-54.75	-68.32	2.47E-13	7.91E-06	8.36E-08	0.000225
SpM18_ChORF2122_s_at	-	<i>spyM18_2122</i>	Unknown	Hypothetical protein	Unknown	-	-	113.68	1146.76	2014.23	259.47	2.92E-21	7.91E-06	0.0453872	0.011406
SpM1_ChORF0801_s_at	-	<i>spy0801</i>	Unknown	Hypothetical protein	Unknown	-	-	113.67	0.83	-0.27	-30.29	4.32E-16	7.91E-06	1.02E-08	0.000225
SpM1_ChORF0245_s_at	<i>fasA</i>	<i>spy0245</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	113.27	16.15	-3.18	-86.14	3.88E-09	7.91E-06	1.21E-09	0.000225
SpM1_ChORF0616_s_at	<i>murM</i>	<i>spy0616</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	Essential	-	113.24	-68.54	-314.91	-116.33	7.46E-17	7.91E-06	1.24E-05	0.000225
SpM1_ChORF1244_s_at	<i>pstC2</i>	<i>spy1244</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	112.70	-9.24	-128.08	190.89	4.00E-19	7.91E-06	4.07E-22	0.000225
SpM1_ChORF1210_s_at	-	<i>spy1210</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	112.40	23.21	9.72	-14.95	2.62E-11	7.91E-06	0.0462197	0.011586
SpM1_ChORF0726_s_at	-	<i>spy0726</i>	Unknown	Hypothetical protein	Unknown	-	-	112.16	-37.24	32.32	-0.07	0.0044276	5.85E-05	0.8416047	0.157657
SpM1_ChORF1391_s_at	-	<i>spy1391</i>	Unknown	Hypothetical protein	Unknown	-	-	112.00	-87.02	-87.56	-60.11	3.24E-22	7.91E-06	9.92E-08	0.000225
SpM1_ChORF0100_s_at	-	<i>spy0100</i>	Unknown	Hypothetical protein	Unknown	-	-	111.96	-429.09	-455.05	-250.45	2.74E-14	7.91E-06	3.76E-07	0.000225
SpM1_ChORF1217_s_at	-	<i>spy1217</i>	Unknown	Hypothetical protein	Unknown	-	-	111.93	655.92	459.35	103.75	1.45E-12	7.91E-06	0.030708	0.008052
SpM1_ChORF0095_s_at	-	<i>spy0095</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	111.83	6.16	-37.74	-65.24	1.53E-14	7.91E-06	2.46E-08	0.000225
SpM1_ChORF0601_s_at	-	<i>spy0601</i>	Unknown	Hypothetical protein	Unknown	-	-	111.59	-71.55	-72.57	233.04	7.37E-07	7.91E-06	6.45E-16	0.000225
SpM1_ChORF1233_s_at	<i>coaA</i>	<i>spy1233</i>	Cofactors	CoA	CoA biosynthesis	-	-	111.36	-15.10	-16.60	-13.40	1.29E-18	7.91E-06	0.0099988	0.002861
SpM1_ChORF0294_s_at	<i>oppB</i>	<i>spy0294</i>	Membrane transport	Membrane transport	Peptide membrane transport	-	-	111.31	454.24	404.21	297.45	1.49E-13	7.91E-06	1.33E-10	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF0164_s_at	<i>nusG</i>	<i>spy0164</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	110.32	37.92	242.05	-73.30	1.95E-11	7.91E-06	0.0069929	0.002062
SpM18_ChORF0930_s_at	<i>rpl35</i>	<i>spyM18_0930</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	109.65	0.98	-1.52	88.68	1.47E-08	7.91E-06	7.06E-10	0.000225
SpM1_ChORF2193_s_at	-	<i>spy2193</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	109.28	23.26	-5.88	-106.77	1.19E-08	7.91E-06	2.26E-12	0.000225
SpM1_ChORF0567_s_at	-	<i>spy0567</i>	Unknown	Hypothetical protein	Unknown	-	-	109.15	223.64	40.26	30.39	1.01E-09	7.91E-06	0.2524377	0.054443
SpM1_ChORF0326_s_at	-	<i>spy0326</i>	Membrane transport	Membrane transport	Metal ion membrane transport	Essential	-	109.14	-2.30	-93.98	-99.19	7.16E-15	7.91E-06	6.23E-10	0.000225
SpM1_ChORF0386_s_at	<i>fhuA</i>	<i>spy0386</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	107.95	0.53	15.71	-1.46	4.45E-19	7.91E-06	0.5944688	0.117631
SpM1_ChORF1965_s_at	<i>uppS</i>	<i>spy1965</i>	Stress adaptation	Protein Metabolism	Protein Metabolism	-	-	107.60	-26.18	-102.73	54.07	2.34E-06	7.91E-06	0.0805554	0.019193
SpM1_ChORF1539_s_at	<i>asnA</i>	<i>spy1539</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	-	-	107.45	-8.75	-77.89	232.91	2.15E-10	7.91E-06	1.61E-21	0.000225
SpM1_ChORF0228_s_at	-	<i>spy0228</i>	RNA metabolism	Transcription r egulation	Transcription r egulation	-	-	107.15	65.46	83.04	203.44	3.25E-07	7.91E-06	8.14E-23	0.000225
SpM1_ChORF1107_s_at	-	<i>spy1107</i>	RNA metabolism	Transcription r egulation	Signal transduction	-	-	107.07	35.09	18.09	6.30	1.89E-10	7.91E-06	0.7464858	0.142729
SpM1_ChORF1037_s_at	-	<i>spy1037</i>	Unknown	Hypothetical protein	Unknown	-	-	106.97	124.79	-4.28	-12.39	4.18E-14	7.91E-06	0.1200769	0.027635
SpM1_ChORF0806_s_at	<i>rplT</i>	<i>spy0806</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	106.78	-37.92	-27.63	-70.59	6.85E-06	7.91E-06	0.0008371	0.000357
SpM1_ChORF1926_s_at	-	<i>spy1926</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	106.26	20.42	-0.02	-44.36	2.90E-09	7.91E-06	1.25E-05	0.000225
SpM18_ChORF0444_x_at	-	<i>spyM18_0444</i>	Phage	Phage proteins		-	-	106.23	-101.35	-132.80	-73.17	1.83E-16	7.91E-06	1.90E-05	0.000225
SpM1_ChORF1295_s_at	<i>malF</i>	<i>spy1295</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	106.16	476.99	264.27	57.00	6.92E-16	7.91E-06	0.0426316	0.010747
SpM1_ChORF1588_s_at	<i>lytS</i>	<i>spy1588</i>	RNA metabolism	Transcription r egulation	Signal transduction	-	-	106.07	75.77	84.70	77.51	6.19E-09	7.91E-06	2.36E-07	0.000225
SpM1_ChORF0527_s_at	-	<i>spy0527</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	105.98	9.34	-20.64	-17.87	1.27E-08	7.91E-06	0.1453096	0.032777
SpM5_ChORF270b-541_x_at	-	<i>SpyoM5_Chr ORF_270b10.p1t_541</i>	Unknown	Hypothetical protein	Unknown	-	-	105.85	78.16	43.45	-62.77	3.25E-09	7.91E-06	7.80E-08	0.000225
SpM1_ChORF0393_x_at	-	<i>spy0393</i>	Unknown	Hypothetical protein	Unknown	-	-	105.67	-100.08	-129.97	-72.00	6.47E-15	7.91E-06	6.35E-05	0.000225
SpM1_ChORF1516_s_at	-	<i>spy1516</i>	Unknown	Hypothetical protein	Unknown	-	-	105.51	24.96	-121.14	-66.77	2.28E-17	7.91E-06	1.46E-06	0.000225
SpM12_ChORF299-66_at	-	<i>SpyoM12_Chr ORF_299_66</i>	Unknown	Hypothetical protein	Unknown	-	Essential	105.29	33.77	40.21	-104.51	4.10E-08	7.91E-06	3.79E-15	0.000225
SpM1_ChORF1103_s_at	<i>potB</i>	<i>spy1103</i>	Membrane transport	Membrane transport	Polyamine membrane transport	-	-	104.77	10.65	19.66	-69.26	1.03E-08	7.91E-06	4.20E-07	0.000225
SpM1_ChORF1421_s_at	<i>ddlA</i>	<i>spy1421</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	104.28	-20.43	-48.40	9.29	3.83E-16	7.91E-06	0.571331	0.113629

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0771_s_at	-	<i>spy0771</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	104.04	78.60	22.51	-10.59	1.04E-09	7.91E-06	0.2798118	0.059726
SpM1_ChORF1623_s_at	-	<i>spy1623</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	104.01	44.19	-12.09	-27.07	9.09E-12	7.91E-06	0.0039758	0.001221
SpM1_ChORF0745_s_at	<i>sagH</i>	<i>spy0745</i>	Membrane transport	Membrane transport	Drug, cytolysin membrane transport	Essential	-	103.95	1298.33	2085.23	1429.08	3.44E-29	7.91E-06	1.20E-27	0.000225
SpM12_ChORF262-15_s_at	-	<i>SpyoM12_Chr ORF_262_15</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	103.05	917.45	1454.57	950.70	5.51E-28	7.91E-06	1.35E-25	0.000225
SpM1_ChORF0023_s_at	<i>acpP.2</i>	<i>spy0023</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	Essential	-	102.99	12.57	-74.04	-58.99	1.64E-15	7.91E-06	1.48E-06	0.000225
SpM18_ChORF1620_x_at	-	<i>spyM18_1620</i>	Unknown	Hypothetical protein	Unknown	-	-	102.87	-19.37	-9.01	-28.35	2.46E-17	7.91E-06	1.48E-05	0.000225
SpM1_ChORF1587_s_at	<i>lytR</i>	<i>spy1587</i>	RNA metabolism	Transcription r egulation	Signal transduction	-	-	102.87	181.36	213.80	148.52	1.93E-14	7.91E-06	2.64E-12	0.000225
SpM1_ChORF0021_s_at	-	<i>spy0021</i>	Unknown	Conserved protein	Unknown	-	-	102.73	-10.26	-61.68	-3.32	8.83E-15	7.91E-06	0.5598267	0.111657
SpM1_ChORF1665_s_at	<i>pbpX</i>	<i>spy1664</i>	Cell shape and division	Cell shape & division	Cell division	-	-	102.30	-24.68	-36.44	-50.56	8.91E-10	7.91E-06	0.0001271	0.000229
SpM1_ChORF1656_s_at	<i>aapA</i>	<i>spy1654</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	102.16	-11.56	-44.84	-35.08	1.18E-12	7.91E-06	0.0005643	0.0003
SpM1_ChORF1248_s_at	-	<i>spy1248</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	101.77	95.07	-56.93	234.99	0.0002013	8.87E-06	1.95E-12	0.000225
SpM1_ChORF0542_s_at	-	<i>spy0542</i>	RNA metabolism	Transcription r egulation	Unknown	-	-	101.62	54.70	18.88	-67.73	2.98E-08	7.91E-06	2.53E-08	0.000225
SpM1_ChORF1297_at	-	<i>spy1297</i>	RNA metabolism	Transcription r egulation	Unknown	-	-	101.58	454.55	410.89	122.29	1.32E-26	7.91E-06	1.25E-08	0.000225
SpM3_ChORF0584_s_at	-	<i>SpyM3_0584</i>	Unknown	Hypothetical protein	Unknown	-	-	101.54	277.66	198.29	122.13	3.27E-13	7.91E-06	3.24E-08	0.000225
SpM1_ChORF1011_s_at	-	<i>spy1011</i>	Unknown	Hypothetical protein	Unknown	-	-	101.12	150.67	-13.32	-32.96	3.36E-12	7.91E-06	0.0011403	0.00043
SpM1_ChORF1353_s_at	-	<i>spy1353</i>	RNA metabolism	RNA modification	RNA modification	Essential	Essential	100.86	96.30	44.37	574.84	8.87E-05	8.18E-06	6.58E-46	0.000225
SpM1_ChORF0307_s_at	-	<i>spy0307</i>	Unknown	Conserved protein	Unknown	-	-	100.18	-30.57	-71.78	-63.41	2.21E-19	7.91E-06	1.07E-10	0.000225
SpM1_ChORF0016_s_at	-	<i>spy0016</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	99.82	-24.95	-63.32	-28.84	3.77E-13	7.91E-06	0.0053273	0.0016
SpM1_ChORF0004_s_at	-	<i>spy0004</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	99.61	-17.82	-77.25	-23.06	7.85E-18	7.91E-06	0.0102821	0.002935
SpM12_ChORF299-62_at	-	<i>SpyoM12_Chr ORF_299_62</i>	Unknown	Hypothetical protein	Unknown	-	-	99.47	12.42	8.23	-75.76	1.26E-10	7.91E-06	1.70E-15	0.000225
SpM1_ChORF0384_s_at	<i>fhuB.1</i>	<i>spy0384</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	99.16	-3.52	-43.54	-4.15	1.43E-13	7.91E-06	0.7057531	0.136276
SpM1_ChORF1155_s_at	-	<i>spy1155</i>	Unknown	Hypothetical protein	Unknown	-	-	98.86	32.46	-26.86	-70.17	1.80E-11	7.91E-06	4.03E-09	0.000225
SpM3_ChORF0589_s_at	-	<i>SpyM3_0589</i>	Unknown	Hypothetical protein	Unknown	-	-	98.75	-5.14	-2.05	90.14	1.21E-07	7.91E-06	3.86E-10	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0865_s_at	-	<i>spy0865</i>	Unknown	Hypothetical protein	Unknown	-	-	98.69	41.51	49.04	160.14	0.0081669	0.000106	2.26E-10	0.000225
SpM1_ChORF0627_at	<i>regR</i>	<i>spy0627</i>	RNA metabolism	Transcription regulation		Essential	Essential	98.44	5.67	-44.55	-41.84	4.73E-09	7.91E-06	0.0010385	0.000405
SpM1_ChORF0373_s_at	-	<i>spy0373</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	98.10	-11.22	-44.91	30.33	3.12E-09	7.91E-06	0.0245717	0.006592
SpM1_ChORF1427_s_at	-	<i>spy1427</i>	RNA metabolism	Transcription regulation		-	-	97.76	67.41	42.64	39.65	0.0035586	4.72E-05	0.0203585	0.005555
SpM1_ChORF1064_at	-	<i>spy1064</i>	Unknown	Hypothetical protein	Unknown	-	-	97.30	-0.12	-30.16	-71.26	2.91E-13	7.91E-06	6.53E-12	0.000225
SpM1_ChORF0770_s_at	-	<i>spy0770</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	97.23	51.53	-14.24	-7.70	3.08E-11	7.91E-06	0.3250548	0.068485
SpM1_ChORF0207_s_at	-	<i>spy0207</i>	Unknown	Hypothetical protein	Unknown	-	-	97.17	-6.71	6.96	-45.89	6.11E-08	7.91E-06	0.0001962	0.000236
SpM1_ChORF2153_s_at	-	<i>spy2153</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	97.15	125.29	80.93	-151.77	1.35E-07	7.91E-06	3.82E-16	0.000225
SpM1_ChORF0742_s_at	<i>sagE</i>	<i>spy0742</i>	Protein synthesis	Protein folding & modification	Protein modification	-	-	96.69	675.43	1032.90	683.96	6.03E-28	7.91E-06	7.30E-26	0.000225
SpM1_ChORF1530_s_at	-	<i>spy1530</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	96.44	142.81	14.66	-15.76	5.15E-10	7.91E-06	0.123618	0.028357
SpM1_ChORF0306_s_at	-	<i>spy0306</i>	Other	GTP-binding protein	GTP-binding	-	-	96.11	-40.65	-75.84	-62.55	8.38E-19	7.91E-06	3.63E-10	0.000225
SpM1_ChORF0233_s_at	-	<i>spy0233</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	Essential	95.78	22.12	-2.01	47.63	7.95E-08	7.91E-06	7.50E-05	0.000225
SpM1_ChORF0069_s_at	<i>rpsE</i>	<i>spy0069</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	95.34	171.01	-103.74	-36.72	0.2097396	0.002463	0.7222889	0.138934
SpM1_ChORF0308_s_at	<i>nadD</i>	<i>spy0308</i>	Cofactors	NAD	NAD biosynthesis	-	-	94.89	-71.91	-77.37	-86.65	5.27E-26	7.91E-06	2.86E-18	0.000225
SpM1_ChORF1927_s_at	-	<i>spy1927</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	94.78	23.34	1.10	-46.75	1.45E-08	7.91E-06	3.98E-06	0.000225
SpM1_ChORF0729_s_at	-	<i>spy0729</i>	Unknown	Hypothetical protein	Unknown	-	-	94.66	-33.50	-24.52	-7.37	3.67E-19	7.91E-06	0.1055946	0.024532
SpM1_ChORF2211_s_at	-	<i>spy2211</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	94.47	75.07	-69.85	-109.39	7.97E-15	7.91E-06	4.92E-13	0.000225
SpM1_ChORF1783_s_at	-	<i>spy1783</i>	Unknown	Hypothetical protein	Unknown	-	-	94.05	-23.66	-58.61	-35.86	7.33E-16	7.91E-06	0.0003309	0.000258
SpM1_ChORF0422_s_at	<i>metS</i>	<i>spy0422</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	93.32	51.36	184.20	-235.51	7.95E-09	7.91E-06	5.59E-20	0.000225
SpM1_ChORF1366_s_at	-	<i>spy1366</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	93.14	-17.61	-17.70	0.79	3.59E-16	7.91E-06	0.6100044	0.120232
SpM1_ChORF0309_s_at	-	<i>spy0309</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	93.06	-64.14	-64.06	-91.80	1.19E-17	7.91E-06	5.30E-14	0.000225
SpM1_ChORF1174_s_at	<i>oadA</i>	<i>spy1174</i>	Carbohydrate metabolism	Carbohydrate metabolism	Carbohydrate central metabolism	Essential	Essential	92.86	-36.85	-45.17	-52.05	1.09E-19	7.91E-06	1.50E-08	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0428_s_at	<i>spyA</i>	<i>spy0428</i>	Virulence	Virulence interacting proteins	Extracellular protein	-	-	92.79	259.94	359.47	37.27	4.11E-06	7.91E-06	0.2829484	0.060301
SpM1_ChORF1373_s_at	<i>ptsH</i>	<i>spy1373</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	92.77	-1517.81	-2171.01	121.63	4.28E-24	7.91E-06	0.4629532	0.094371
SpM1_ChORF0539_s_at	-	<i>spy0539</i>	Unknown	Hypothetical protein	Unknown	-	-	92.64	40.46	-14.49	-63.68	7.84E-14	7.91E-06	6.38E-12	0.000225
SpM1_ChORF0205_s_at	-	<i>spy0205</i>	Unknown	Hypothetical protein	Unknown	-	-	92.61	11.56	75.51	-55.39	1.42E-09	7.91E-06	5.66E-06	0.000225
SpM1_ChORF0230_s_at	-	<i>spy0230</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	92.50	180.32	323.61	484.13	9.90E-19	7.91E-06	1.04E-36	0.000225
SpM1_ChORF0229_s_at	-	<i>spy0229</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	Essential	-	92.39	217.32	411.92	895.20	2.75E-17	7.91E-06	7.92E-44	0.000225
SpM1_ChORF1989_s_at	-	<i>spy1989</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	92.32	174.66	136.55	66.63	6.50E-10	7.91E-06	6.70E-05	0.000225
SpM1_ChORF0443_s_at	<i>gcaD</i>	<i>spy0443</i>	Cell envelope	Cell wall	Aminosugar metabolism	-	-	91.20	-214.52	-331.55	-395.72	2.42E-13	7.91E-06	8.59E-18	0.000225
SpM1_ChORF1903_s_at	-	<i>spy1903</i>	Unknown	Hypothetical protein	Unknown	-	-	91.03	-25.57	-57.56	-22.31	2.24E-15	7.91E-06	0.0106108	0.003022
SpM1_ChORF1674_s_at	-	<i>spy1674</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	90.96	175.51	217.00	-164.29	2.09E-05	7.91E-06	9.78E-07	0.000225
SpM12_ChORF299-61_s_at	-	<i>SpyoM12_ChORF_299_61</i>	Unknown	Hypothetical protein	Unknown	Essential	-	90.61	4.59	1.79	-69.90	9.07E-12	7.91E-06	3.01E-17	0.000225
SpM1_ChORF0041_s_at	-	<i>spy0041</i>	Unknown	Hypothetical protein	Unknown	-	-	90.46	302.13	345.69	248.95	1.17E-09	7.91E-06	4.59E-10	0.000225
SpM1_ChORF0733_at	-	<i>spy0733</i>	Unknown	Hypothetical protein	Unknown	-	-	90.23	154.56	112.56	277.90	3.31E-09	7.91E-06	6.75E-26	0.000225
SpM1_ChORF0316_s_at	-	<i>spy0316</i>	Unknown	Hypothetical protein	Unknown	-	-	90.11	-112.56	-236.50	-67.98	1.40E-18	7.91E-06	0.000509	0.000291
SpM18_ChORF1979_s_at	-	<i>spyM18_1979</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	90.10	0.43	-12.76	-30.52	2.37E-10	7.91E-06	0.0002962	0.000252
SpM12_ChORF299-60_at	-	<i>SpyoM12_ChORF_299_60</i>	Unknown	Hypothetical protein	Unknown	Essential	-	89.83	2.54	-8.60	-84.23	1.90E-11	7.91E-06	1.25E-17	0.000225
SpM1_ChORF0538_s_at	<i>metK</i>	<i>spy0538</i>	Cofactors	S-adenosylmethionine	S-adenosylmethionine biosynthesis	-	-	89.77	30.61	-16.76	-63.97	3.38E-14	7.91E-06	1.35E-12	0.000225
SpM12_ChORF299-64_at	-	<i>SpyoM12_ChORF_299_64</i>	Unknown	Hypothetical protein	Unknown	-	-	89.77	19.84	26.81	-93.70	3.37E-09	7.91E-06	5.17E-18	0.000225
SpM1_ChORF1820_s_at	-	<i>spy1820</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	89.75	445.61	407.00	9.71	4.12E-18	7.91E-06	0.3680607	0.076768
SpM1_ChORF1897_s_at	-	<i>spy1897</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	89.60	-84.72	-108.18	-16.45	3.62E-21	7.91E-06	0.0672686	0.016315

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF0496_s_at	<i>mutR</i>	<i>spy0496</i>	RNA metabolism	Transcription r	regulation	-	-	89.22	-31.23	-54.12	-36.37	8.45E-18	7.91E-06	9.36E-06	0.000225
SpM1_ChORF0805_s_at	<i>rpml</i>	<i>spy0805</i>	Protein synthesis	Ribosomal	Ribosomal protein	-	-	89.12	-298.85	-12.85	-55.50	1.23E-05	7.91E-06	0.8275343	0.155852
SpM1_ChORF0841_s_at	-	<i>spy0841</i>	Unknown	Hypothetical	Unknown	-	-	88.40	-68.67	-13.78	-78.52	0.0001197	8.35E-06	0.0042814	0.001309
SpM12_ChORF299-63_at	-	<i>SpyoM12_Ch</i> <i>ORF_299_63</i>	Unknown	Hypothetical	Unknown	-	-	87.84	11.56	13.38	-66.87	1.17E-10	7.91E-06	1.78E-15	0.000225
SpM1_ChORF0744_s_at	<i>sagG</i>	<i>spy0744</i>	Membrane transport	Membrane transport	Drug, cytolysin membrane transport	Essential	Essential	87.24	1147.19	1804.35	1227.78	9.00E-30	7.91E-06	5.14E-28	0.000225
SpM1_ChORF2090_s_at	<i>hutG</i>	<i>spy2090</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	87.22	83.80	117.91	-60.36	1.82E-08	7.91E-06	8.95E-06	0.000225
SpM12_ChORF248-9_s_at	-	<i>SpyoM12_Ch</i> <i>ORF_248_9</i>	Unknown	Hypothetical	Unknown	Essential	Essential	86.98	18.84	46.12	-40.01	8.29E-08	7.91E-06	0.0002094	0.000238
SpM1_ChORF1258_s_at	-	<i>spy1258</i>	RNA metabolism	Transcription r	regulation	-	-	86.57	0.47	2.60	-4.97	1.22E-13	7.91E-06	0.0828198	0.019692
SpM1_ChORF1911_s_at	<i>salY</i>	<i>spy1911</i>	Membrane transport	Membrane transport	Lantibiotic membrane transport	-	-	86.16	-16.22	-29.86	-26.42	1.64E-11	7.91E-06	0.0018182	0.000611
SpM1_ChORF0383_s_at	<i>fhuG</i>	<i>spy0383</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	86.07	12.79	-37.68	5.04	6.36E-12	7.91E-06	0.6405043	0.12519
SpM1_ChORF1082_at	<i>srtK</i>	<i>spy1082</i>	RNA metabolism	Transcription r	Signal transduction	-	-	85.69	-27.73	-72.87	-18.94	1.54E-17	7.91E-06	0.0139395	0.0039
SpM18_ChORF1348_x_at	-	<i>spyM18_1348</i>	Unknown	Hypothetical	Unknown	-	-	85.64	37.90	14.80	-51.24	5.88E-05	8.02E-06	0.0001257	0.000229
SpM1_ChORF1131_s_at	-	<i>spy1131</i>	Membrane transport	Membrane transport	Drug, cytolysin membrane transport	-	-	85.62	-55.17	-73.15	-32.69	1.14E-15	7.91E-06	0.0008979	0.000371
SpM1_ChORF1364_s_at	<i>dnaX</i>	<i>spy1364</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	85.61	-145.57	-51.45	-94.75	3.23E-05	7.92E-06	0.0196099	0.005363
SpM1_ChORF0172_s_at	<i>metB</i>	<i>spy0172</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	85.42	118.15	12.66	348.97	0.0006883	1.29E-05	6.48E-27	0.000225
SpM1_ChORF1115_s_at	-	<i>spy1115</i>	Unknown	Hypothetical	Unknown	-	-	85.37	-52.23	-98.80	-44.47	5.03E-18	7.91E-06	6.87E-05	0.000225
SpM1_ChORF1766_s_at	-	<i>spy1766</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	85.23	132.55	77.31	9.38	2.49E-11	7.91E-06	0.5470575	0.109358
SpM1_ChORF1106_s_at	-	<i>spy1106</i>	RNA metabolism	Transcription r	Signal transduction	Essential	Essential	84.85	36.47	29.53	1.22	7.60E-10	7.91E-06	0.8458875	0.158139
SpM1_ChORF0826_s_at	<i>lsp</i>	<i>spy0826</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	84.22	-23.53	-67.27	-45.78	8.41E-14	7.91E-06	9.75E-06	0.000225
SpM1_ChORF1851_s_at	<i>cppA</i>	<i>spy1851</i>	Virulence	Virulence interacting proteins	Extracellular protein	-	-	84.17	-198.87	-129.85	19.35	3.23E-14	7.91E-06	0.1678283	0.037471
SpM1_ChORF1850_s_at	-	<i>spy1850</i>	Unknown	Hypothetical extracellular protein	Unknown	-	-	84.17	-122.45	-94.62	-66.78	1.14E-17	7.91E-06	1.13E-05	0.000225
SpM1_ChORF0458_s_at	-	<i>spy0458</i>	Unknown	Hypothetical	Unknown	-	-	83.99	-18.06	86.38	-42.79	2.96E-07	7.91E-06	0.0090447	0.002614
SpM1_ChORF1081_at	<i>srtR</i>	<i>spy1081</i>	RNA metabolism	Transcription r	Signal transduction	-	-	83.77	-7.92	-0.62	-7.45	4.04E-15	7.91E-06	0.0673815	0.016331
SpM1_ChORF1537_s_at	<i>kdtB</i>	<i>spy1537</i>	Cofactors			-	-	83.68	-14.40	-59.16	32.14	1.55E-18	7.91E-06	0.0014478	0.00051

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM18_ChORF1666_s_at	<i>trxB</i>	<i>spyM18_1666</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	Essential	Essential	83.47	-5.40	33.86	-20.91	0.0126983	0.000163	0.1006543	0.02357
SpM1_ChORF1022_s_at	<i>estA</i>	<i>spy1022</i>	Unknown	Hypothetical protein	Unknown	Essential	-	83.30	106.40	20.99	-39.24	6.37E-09	7.91E-06	0.0006681	0.000321
M12_0965_at	-	<i>M12_0965</i>	Unknown	Hypothetical protein	Unknown	-	-	83.24	83.42	71.97	-22.09	2.48E-06	7.91E-06	0.0738953	0.017726
SpM1_ChORF1272_s_at	-	<i>spy1272</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	82.96	66.63	118.03	-8.33	7.95E-07	7.91E-06	0.5991252	0.118444
SpM1_ChORF0999_at	-	<i>spy0999</i>	Phage	Phage proteins	Hypothetical cytosolic protein	-	-	82.80	93.37	165.85	-175.32	2.59E-11	7.91E-06	7.07E-21	0.000225
SpM1_ChORF1117_s_at	-	<i>spy1117</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	82.40	-41.79	-101.64	-43.40	3.34E-18	7.91E-06	4.18E-05	0.000225
SpM1_ChORF1836_s_at	-	<i>spy1836</i>	Cell envelope	Cell wall		-	-	82.30	26.85	-19.59	-49.39	1.83E-13	7.91E-06	1.87E-08	0.000225
SpM1_ChORF1209_s_at	<i>pdxK</i>	<i>spy1209</i>	Cofactors		Pyridoxine	-	-	82.25	10.13	-0.92	-25.37	4.07E-10	7.91E-06	0.0003235	0.000256
SpM1_ChORF1731_s_at	-	<i>spy1731</i>	Unknown	Hypothetical protein	Unknown	-	-	81.66	123.77	86.71	-28.40	1.32E-07	7.91E-06	0.0274399	0.007261
SpM1_ChORF1534_s_at	-	<i>spy1534</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	81.57	21.91	-28.71	-3.82	6.16E-13	7.91E-06	0.2929867	0.062214
SpM3_ChORF0493_s_at	-	<i>SpyM3_0493</i>	Unknown	Hypothetical protein	Unknown	-	-	81.33	-152.63	-195.65	-100.46	3.04E-17	7.91E-06	4.14E-07	0.000225
SpM1_ChORF0484_s_at	-	<i>spy0484</i>	Unknown	Hypothetical protein	Unknown	-	-	81.07	-0.60	-29.90	-42.26	4.82E-14	7.91E-06	1.69E-07	0.000225
SpM1_ChORF2169_s_at	-	<i>spy2169</i>	Phage	Phage proteins		-	-	81.04	5.35	-32.88	-96.89	2.74E-07	7.91E-06	1.60E-11	0.000225
M12_0089_s_at	-	<i>M12_0089</i>	Phage	Phage proteins		-	-	80.64	-12.99	-38.17	-9.30	2.54E-14	7.91E-06	0.1173482	0.027078
SpM1_ChORF0807_s_at	-	<i>spy0807</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	80.56	-210.55	-319.57	-13.67	1.94E-19	7.91E-06	0.136014	0.030818
SpM1_ChORF1776_s_at	-	<i>spy1776</i>	Cofactors	NAD	NAD biosynthesis	-	-	80.45	57.60	35.54	-39.56	4.55E-06	7.91E-06	0.0005308	0.000294
SpM1_ChORF0754_s_at	<i>atpE</i>	<i>spy0754</i>	Carbohydrate metabolism	Bioenergetics	Bioenergetics	Essential	Essential	80.30	-158.17	-197.22	-100.85	4.72E-19	7.91E-06	5.37E-08	0.000225
SpM18_ChORF2202_s_at	-	<i>spyM18_2202</i>	Unknown	Hypothetical protein	Unknown	-	-	79.96	28.60	47.82	-75.11	0.0008466	1.44E-05	1.58E-06	0.000225
SpM1_ChORF1293_s_at	<i>malR</i>	<i>spy1293</i>	RNA metabolism	Transcription r egulation		-	-	79.87	32.95	20.80	13.15	4.16E-15	7.91E-06	0.0654552	0.015908
SpM1_ChORF0510_s_at	-	<i>spy0510</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	79.41	-0.35	-20.52	0.11	7.44E-13	7.91E-06	0.879316	0.163414
SpM1_ChORF0506_s_at	<i>pcp</i>	<i>spy0506</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	79.34	121.41	103.64	-237.59	2.14E-06	7.91E-06	1.60E-22	0.000225
SpM1_ChORF2004_s_at	<i>dppE</i>	<i>spy2004</i>	Membrane transport	Membrane transport	Peptide membrane transport	-	-	78.74	11.32	-2.70	-194.08	0.0002868	9.46E-06	3.79E-21	0.000225
SpM1_ChORF1012_s_at	-	<i>spy1012</i>	Unknown	Hypothetical protein	Unknown	-	-	78.64	163.19	-71.16	-139.59	3.82E-12	7.91E-06	9.68E-12	0.000225
SpM1_ChORF1647_s_at	-	<i>spy1647</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	78.27	-33.56	-38.02	-24.04	2.02E-18	7.91E-06	6.90E-05	0.000225
SpM1_ChORF1934_s_at	-	<i>spy1934</i>	RNA metabolism	Transcription r egulation		-	-	77.98	4.02	24.96	-64.51	0.0001013	8.24E-06	1.31E-06	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1017_x_at	-	<i>spy1017</i>	Unknown	Hypothetical protein	Unknown	-	-	77.93	74.39	-22.64	-59.89	1.49E-09	7.91E-06	2.84E-07	0.000225
SpM1_ChORF0003_s_at	<i>dnaN</i>	<i>spy0003</i>	DNA metabolism	Basic DNA replication machinery	DNA replication	-	-	76.90	253.14	-3.97	-71.01	1.84E-15	7.91E-06	4.39E-05	0.000225
SpM1_ChORF2112_s_at	-	<i>spy2112</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	76.79	308.60	98.76	-44.26	5.48E-07	7.91E-06	0.1536077	0.034471
SpM1_ChORF0558_s_at	-	<i>spy0558</i>	Unknown	Hypothetical protein	Unknown	-	-	76.73	6.77	5.28	-60.92	9.36E-06	7.91E-06	7.15E-08	0.000225
SpM1_ChORF1672_s_at	<i>proA</i>	<i>spy1670</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	-	-	76.65	66.84	37.44	-12.88	1.91E-08	7.91E-06	0.0475258	0.011871
SpM1_ChORF1018_s_at	-	<i>spy1018</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	76.55	69.58	-9.70	-59.74	1.13E-10	7.91E-06	2.71E-09	0.000225
SpM1_ChORF1533_s_at	-	<i>spy1533</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	76.12	20.14	-13.80	72.50	0.0221915	0.00028	0.002179	0.000715
SpM1_ChORF1031_s_at	<i>acoL, pdhD</i>	<i>spy1031</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	-	75.93	456.24	643.53	-233.95	1.94E-12	7.91E-06	1.57E-05	0.000225
SpM1_ChORF1054_at	<i>sclB</i>	<i>spy1054</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	75.70	38.63	78.04	77.69	1.34E-05	7.91E-06	2.91E-08	0.000225
SpM1_ChORF0570_s_at	-	<i>spy0570</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	Essential	Essential	75.35	-26.74	-36.53	104.61	4.39E-11	7.91E-06	4.44E-15	0.000225
SpM1_ChORF1273_s_at	<i>cfa</i>	<i>spy1273</i>	Virulence	Virulence interacting proteins	Exotoxin	-	-	75.14	112.01	62.89	132.61	2.56E-06	7.91E-06	3.23E-13	0.000225
SpM1_ChORF2165_s_at	-	<i>spy2165</i>	Phage	Phage proteins		-	-	74.73	30.15	22.92	-78.72	0.0002525	9.23E-06	8.55E-09	0.000225
SpM1_ChORF1175_s_at	-	<i>spy1175</i>	Unknown	Hypothetical protein	Unknown	-	-	74.66	-25.44	-38.02	-50.40	2.16E-20	7.91E-06	2.01E-11	0.000225
SpM12_ChORF299-52_s_at	-	<i>SpyoM12_Chr ORF_299_52</i>	Unknown	Hypothetical protein	Unknown	-	-	74.59	-49.11	-86.62	-134.36	5.71E-17	7.91E-06	3.92E-21	0.000225
SpM1_ChORF1488_s_at	<i>int2</i>	<i>spy1488</i>	Phage	Phage proteins		-	-	74.28	46.67	96.86	-104.17	6.29E-09	7.91E-06	4.58E-16	0.000225
SpM1_ChORF1493_s_at	-	<i>spy1493</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	74.00	108.06	-38.04	-96.91	3.00E-05	7.91E-06	2.50E-05	0.000225
SpM1_ChORF1771_s_at	<i>gatA</i>	<i>spy1771</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	Essential	-	73.68	-200.85	-340.75	-235.75	6.13E-17	7.91E-06	2.04E-11	0.000225
SpM1_ChORF2162_s_at	<i>cadD</i>	<i>spy2162</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	73.67	13.26	-16.36	-49.30	4.98E-12	7.91E-06	4.39E-10	0.000225
SpM1_ChORF1289_s_at	-	<i>spy1289</i>	Unknown	Hypothetical protein	Unknown	-	-	72.73	16.96	-37.68	-16.38	3.44E-09	7.91E-06	0.0578671	0.014248
SpM1_ChORF2001_s_at	<i>dppB</i>	<i>spy2001</i>	Membrane transport	Membrane transport	Peptide membrane transport	-	-	72.72	-4.78	-36.36	-133.48	2.11E-09	7.91E-06	2.23E-20	0.000225
SpM12_ChORF299-57_s_at	-	<i>SpyoM12_Chr ORF_299_57</i>	Unknown	Hypothetical protein	Unknown	Essential	-	72.13	-22.16	-52.64	-99.73	1.34E-17	7.91E-06	5.38E-22	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF2177_s_at	-	<i>spy2177</i>	RNA metabolism	Transcription r	regulation	-	-	72.05	12.57	1.11	-23.57	2.39E-09	7.91E-06	0.0001191	0.000228
M12_0090_s_at	-	<i>M12_0090</i>	Phage	Phage proteins		-	-	71.51	-48.91	-103.86	-4.51	2.67E-16	7.91E-06	0.4244819	0.087237
SpM1_ChORF1570_at	-	<i>spy1570</i>	Stress adaptation	Heat shock proteins	Heat shock proteins	-	-	71.33	-63.73	-65.10	-10.56	5.94E-17	7.91E-06	0.2917092	0.06198
SpM1_ChORF2099_s_at	-	<i>spy2099</i>	RNA metabolism	Transcription r	regulation	-	-	71.16	-5.69	-3.35	-3.82	6.48E-13	7.91E-06	0.2308352	0.050106
SpM12_ChORF299-53_s_at	-	<i>SpyoM12_ChORF_299_53</i>	Unknown	Hypothetical protein	Unknown	-	-	71.12	-18.76	-24.60	-77.58	4.18E-15	7.91E-06	3.63E-21	0.000225
SpM12_ChORF299-55_s_at	-	<i>SpyoM12_ChORF_299_55</i>	Unknown	Hypothetical protein	Unknown	-	-	70.97	-28.10	-33.58	-84.02	4.51E-19	7.91E-06	7.45E-25	0.000225
SpM1_ChORF0546_s_at	-	<i>spy0546</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	70.50	14.35	16.44	-35.98	4.06E-14	7.91E-06	9.25E-11	0.000225
SpM1_ChORF1296_s_at	<i>malG</i>	<i>spy1296</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	70.21	677.68	534.88	35.16	2.89E-22	7.91E-06	0.2475252	0.053432
SpM1_ChORF0918_s_at	<i>tehA</i>	<i>spy0918</i>	Virulence	Virulence interacting proteins	Exotoxin	-	-	70.17	-4.77	76.61	-62.60	1.27E-06	7.91E-06	1.35E-05	0.000225
SpM1_ChORF1617_s_at	-	<i>spy1617</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	70.01	-55.80	-107.10	-26.90	2.78E-18	7.91E-06	0.0031043	0.000974
SpM1_ChORF2055_s_at	-	<i>spy2055</i>	Unknown	Hypothetical protein	Unknown	-	-	69.92	2508.30	1873.30	804.37	3.83E-28	7.91E-06	3.98E-11	0.000225
SpM1_ChORF1040_s_at	<i>hemN, hemC</i>	<i>spy1040</i>	Cofactors	S-adenosylmethionine	S-adenosylmethionine biosynthesis	-	-	69.56	-90.60	-135.02	-40.88	6.73E-22	7.91E-06	0.0001484	0.00023
SpM1_ChORF2181_s_at	-	<i>spy2181</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	69.30	-88.74	-204.27	-70.39	4.46E-21	7.91E-06	1.64E-06	0.000225
SpM1_ChORF0295_s_at	<i>oppC</i>	<i>spy0295</i>	Membrane transport	Membrane transport	Peptide membrane transport	Essential	-	69.29	494.19	331.71	265.55	6.61E-10	7.91E-06	6.42E-07	0.000225
SpM1_ChORF2120_s_at	<i>lmrP</i>	<i>spy2120</i>	Unknown	Hypothetical membrane protein	Unknown	Essential	-	69.15	-11.43	-52.84	-68.29	1.57E-12	7.91E-06	1.32E-10	0.000225
SpM1_ChORF1515_s_at	-	<i>spy1515</i>	Unknown	Hypothetical protein	Unknown	-	-	68.79	30.37	-195.56	-40.32	2.24E-10	7.91E-06	0.0454391	0.011406
SpM49_ChORF7585-45_s_at	-	<i>spy1606</i>	Unknown	Hypothetical protein	Unknown	-	-	68.45	142.36	128.06	-4.55	4.20E-15	7.91E-06	0.6112412	0.120408
SpM1_ChORF0361_s_at	<i>glr</i>	<i>spy0361</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	68.44	24.51	-104.61	59.11	1.19E-14	7.91E-06	2.97E-05	0.000225
SpM1_ChORF1956_s_at	-	<i>spy1956</i>	Unknown	Hypothetical protein	Unknown	-	-	68.22	-4.75	18.62	-11.97	0.0001007	8.24E-06	0.3078984	0.065144
SpM12_ChORF299-59_s_at	-	<i>SpyoM12_ChORF_299_59</i>	Unknown	Hypothetical protein	Unknown	Essential	-	67.97	-18.99	-26.99	-74.02	1.20E-12	7.91E-06	3.48E-17	0.000225
SpM1_ChORF1939_s_at	-	<i>spy1939</i>	Unknown	Hypothetical protein	Unknown	-	-	67.59	-28.94	-153.70	-16.20	1.14E-18	7.91E-06	0.0497411	0.012406
SpM12_ChORF239-12_s_at	-	<i>spy0012</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	67.58	-38.91	-109.54	-66.92	2.12E-17	7.91E-06	7.32E-09	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF2164_s_at	-	<i>spy2164</i>	Phage	Phage proteins		-	-	67.47	14.48	9.74	-70.08	3.24E-05	7.92E-06	1.20E-09	0.000225
SpM1_ChORF0131_at	-	<i>spy0131</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	67.24	274.91	413.63	308.67	7.55E-21	7.91E-06	3.16E-21	0.000225
SpM1_ChORF0290_s_at	-	<i>spy0290</i>	Cofactors	Fe-sulfate cluster	Fe-sulfate cluster biosynthesis	-	-	67.03	-135.18	-218.94	-111.02	8.34E-21	7.91E-06	6.57E-09	0.000225
SpM18_ChORF0867_s_at	<i>rpl35</i>	<i>spyM18_0867</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	67.00	-354.25	-35.62	-108.64	8.03E-07	7.91E-06	0.3614283	0.075605
SpM1_ChORF0488_s_at	-	<i>spy0488</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	66.99	-0.32	-31.27	-39.84	7.72E-14	7.91E-06	1.35E-07	0.000225
SpyM3_1427_at	-	<i>SpyM3_1427</i>	Phage	Phage proteins		-	-	66.74	-17.09	-21.46	-69.28	2.72E-12	7.91E-06	2.52E-17	0.000225
SpM1_ChORF2003_s_at	<i>dppD</i>	<i>spy2003</i>	Membrane transport	Membrane transport	Peptide membrane transport	-	-	66.41	69.44	103.91	-362.92	6.96E-06	7.91E-06	2.90E-37	0.000225
SpM1_ChORF0492_s_at	-	<i>spy0492</i>	Unknown	Hypothetical protein	Unknown	-	-	65.75	33.67	28.17	-48.39	1.97E-08	7.91E-06	1.04E-10	0.000225
SpM1_ChORF0917_s_at	-	<i>spy0917</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	65.68	-1.25	13.80	-38.28	4.35E-10	7.91E-06	1.52E-07	0.000225
SpM1_ChORF1412_s_at	-	<i>spy1412</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	65.57	-13.04	-28.55	-59.80	1.86E-14	7.91E-06	4.53E-15	0.000225
SpM1_ChORF2215_s_at	-	<i>spy2215</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	65.22	2.33	-55.88	5.48	3.88E-11	7.91E-06	0.7380489	0.14127
SpM1_ChORF1701_s_at	-	<i>spy1701</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	65.06	2.15	-23.55	-19.80	1.56E-10	7.91E-06	0.0036183	0.001115
SpM1_ChORF0530_s_at	<i>vicX</i>	<i>spy0530</i>	Unknown	Hypothetical protein	Unknown	-	-	64.76	-31.90	-93.26	-55.75	3.00E-07	7.91E-06	0.0005463	0.000297
SpM1_ChORF0649_s_at	<i>dinG</i>	<i>spy0649</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	64.75	12.91	-32.98	-19.62	1.19E-12	7.91E-06	0.0073671	0.002167
SpM1_ChORF1988_s_at	-	<i>spy1988</i>	Unknown	Hypothetical protein	Unknown	-	-	64.72	186.47	159.49	139.37	3.02E-09	7.91E-06	1.10E-10	0.000225
SpM1_ChORF0543_s_at	<i>mefE</i>	<i>spy0543</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	64.68	25.78	13.34	-35.11	8.14E-09	7.91E-06	2.01E-07	0.000225
SpM1_ChORF1987_s_at	-	<i>spy1987</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	64.67	71.50	68.74	82.64	4.51E-05	7.96E-06	7.86E-10	0.000225
SpM1_ChORF1764_s_at	-	<i>spy1764</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	63.87	124.59	89.96	-6.93	1.46E-12	7.91E-06	0.3704153	0.077163
SpM12_ChORF299-56_s_at	-	<i>SpyoM12_Chr ORF_299_56</i>	Unknown	Hypothetical protein	Unknown	-	-	63.80	-21.57	-23.89	-77.16	1.27E-14	7.91E-06	5.54E-22	0.000225
SpM1_ChORF0010_s_at	<i>divIC</i>	<i>spy0010</i>	Cell shape and division	Cell shape & division	Cell division	Essential	Essential	63.72	-45.84	-55.30	-38.04	7.09E-21	7.91E-06	3.35E-08	0.000225
SpM1_ChORF0338_s_at	-	<i>spy0338</i>	Unknown	Hypothetical protein	Unknown	-	-	62.99	5.42	-129.63	129.44	6.85E-07	7.91E-06	4.17E-07	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0732_at	-	<i>spy0732</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	Essential	-	62.73	15.05	3.91	61.54	2.62E-10	7.91E-06	5.53E-19	0.000225
SpM12_ChORF299-58_s_at	-	<i>SpyoM12_Chr ORF_299_58</i>	Unknown	Hypothetical protein	Unknown	Essential	-	62.73	-28.82	-32.78	-93.48	2.78E-14	7.91E-06	7.29E-23	0.000225
SpM1_ChORF1019_s_at	-	<i>spy1019</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	62.56	313.09	114.94	-101.29	3.79E-17	7.91E-06	6.49E-09	0.000225
SpM1_ChORF2111_s_at	-	<i>spy2111</i>	Unknown	Hypothetical protein	Unknown	-	-	62.55	37.77	105.89	-124.28	0.1069611	0.001282	4.79E-05	0.000225
SpM1_ChORF0212_s_at	<i>speG</i>	<i>spy0212</i>	Virulence	Virulence interacting proteins	Pyrogenic Toxin Superantigen	-	Essential	62.40	3.13	7.32	-3.01	2.54E-17	7.91E-06	0.0022115	0.000723
SpM5_ChORF275f-139_s_a	-	<i>SpyoM5_Chr ORF_275f02.p1cq_139</i>	Unknown	Hypothetical protein	Unknown	-	-	62.35	-0.01	-2.75	-24.41	5.56E-09	7.91E-06	9.30E-06	0.000225
SpM1_ChORF1142_s_at	<i>hemK</i>	<i>spy1142</i>	Cofactors	S-adenosylmethionine	S-adenosylmethionine biosynthesis	Essential	Essential	62.20	-37.46	-128.17	-35.46	3.13E-21	7.91E-06	0.0003033	0.000253
SpM1_ChORF0850_s_at	<i>trxB, yumC</i>	<i>spy0850</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	62.07	-68.92	-92.38	-65.84	1.56E-19	7.91E-06	2.48E-10	0.000225
SpM1_ChORF1047_s_at	-	<i>spy1047</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	62.00	4.08	0.86	-33.52	7.85E-07	7.91E-06	4.90E-05	0.000225
SpM1_ChORF0433_at	-	<i>spy0433</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	61.92	-51.44	-82.82	-15.04	2.52E-16	7.91E-06	0.0450898	0.011343
SpM1_ChORF1528_s_at	-	<i>spy1528</i>	Unknown	Hypothetical protein	Unknown	-	-	61.85	392.71	201.11	-68.08	5.77E-15	7.91E-06	0.0050604	0.001531
SpM1_ChORF0789_s_at	<i>rgpCc</i>	<i>spy0789</i>	Cell envelope	Cell wall	Teichoic acid biosynthesis	-	-	61.74	-31.54	-87.87	-6.94	1.16E-19	7.91E-06	0.3892409	0.080845
SpM1_ChORF1032_s_at	<i>hylA</i>	<i>spy1032</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	61.67	93.17	76.82	-99.73	0.0001443	8.49E-06	3.35E-09	0.000225
SpM1_ChORF0930_s_at	-	<i>spy0930</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	61.55	-13.41	29.53	-46.18	1.31E-05	7.91E-06	5.39E-06	0.000225
SpM1_ChORF0107_s_at	-	<i>spy0107</i>	Unknown	Hypothetical protein	Unknown	Essential	-	61.54	10.32	-3.36	-10.10	5.67E-11	7.91E-06	0.0117754	0.003321
SpM1_ChORF1549_s_at	<i>ahrC.2</i>	<i>spy1549</i>	RNA metabolism	Transcription r	regulation	-	-	61.53	-65.53	-76.63	-8.68	2.86E-13	7.91E-06	0.1928207	0.042752
SpM1_ChORF0574_s_at	<i>bglA</i>	<i>spy0574</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	61.40	128.95	194.83	-10.55	0.0001409	8.48E-06	0.5469526	0.109358
SpM1_ChORF1817_s_at	<i>scrR</i>	<i>spy1817</i>	RNA metabolism	Transcription r	regulation	-	-	61.38	-15.46	-35.07	-30.08	8.84E-14	7.91E-06	2.30E-06	0.000225
SpM1_ChORF0881_s_at	<i>mvaS.2</i>	<i>spy0881</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	61.23	-128.35	-169.52	-45.86	3.55E-22	7.91E-06	0.0003015	0.000252
SpM1_ChORF0163_s_at	-	<i>spy0163</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	61.08	29.23	30.25	-172.49	0.0384076	0.000477	1.93E-16	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0320_s_at	-	<i>spy0320</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	Essential	-	60.96	49.36	53.97	-59.77	0.0085767	0.000111	1.94E-05	0.000225
SpM18_ChORF2199_s_at	-	<i>spyM18_2199</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	60.90	4.67	-10.86	-34.01	4.40E-06	7.91E-06	0.0001249	0.000229
SpM1_ChORF0571_s_at	<i>licT</i>	<i>spy0571</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	60.78	51.33	-5.71	-21.30	6.09E-05	8.03E-06	0.0320291	0.008338
SpM1_ChORF0479_at	-	<i>spy0479</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	60.73	34.05	103.61	-4.30	3.71E-09	7.91E-06	0.5137942	0.103712
SpM5_ChORF4P31a-19_s_at	-	<i>SpyoM5_Chr ORF_4P31a0 1.w2c2309_19</i>	Unknown	Hypothetical protein	Unknown	-	-	60.68	23.23	-31.89	22.96	7.44E-11	7.91E-06	0.0411555	0.010405
SpM1_ChORF1670_s_at	-	<i>spy1666</i>	Unknown	Hypothetical protein	Unknown	-	-	60.58	66.38	44.83	-26.18	0.000178	8.71E-06	0.006536	0.001937
SpM1_ChORF0208_s_at	-	<i>spy0208</i>	Unknown	Hypothetical protein	Unknown	-	-	60.53	-96.67	-242.66	0.28	1.87E-17	7.91E-06	0.5941156	0.117628
SpM1_ChORF1777_s_at	<i>codY</i>	<i>spy1777</i>	RNA metabolism	Transcription regulation	Transcription regulation	-	-	60.05	-198.44	-173.70	-35.94	4.01E-11	7.91E-06	0.1281509	0.029301
SpM1_ChORF1908_s_at	<i>salR</i>	<i>spy1908</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	59.98	1.28	30.10	-58.54	1.06E-07	7.91E-06	4.49E-12	0.000225
SpM1_ChORF1176_s_at	-	<i>spy1176</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	59.58	-34.09	-52.67	-64.52	6.72E-16	7.91E-06	9.49E-13	0.000225
SpM1_ChORF0459_s_at	-	<i>spy0459</i>	Unknown	Hypothetical protein	Unknown	-	-	59.49	-15.53	-23.11	-74.64	1.28E-07	7.91E-06	3.92E-12	0.000225
SpM1_ChORF1152_s_at	<i>gyrA</i>	<i>spy1152</i>	DNA metabolism	Packaging & segregation	DNA packaging	-	-	59.45	-522.71	-423.73	-152.62	7.28E-12	7.91E-06	0.0006395	0.000315
SpM18_ChORF1977_at	-	<i>spyM18_1977</i>	Unknown	Hypothetical protein	Unknown	-	-	59.22	-0.11	3.13	-43.53	0.0018116	2.51E-05	0.0003416	0.000259
SpM1_ChORF1247_s_at	-	<i>spy1247</i>	RNA metabolism	Transcription regulation	Transcription regulation	-	-	59.12	-135.72	-237.50	381.19	9.71E-09	7.91E-06	2.09E-18	0.000225
SpM1_ChORF1243_s_at	<i>pstC</i>	<i>spy1243</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	59.00	13.94	-100.79	191.28	1.46E-10	7.91E-06	2.38E-20	0.000225
SpM1_ChORF0312_s_at	-	<i>spy0312</i>	Unknown	Hypothetical protein	Unknown	-	-	58.02	-43.02	-71.16	-83.21	6.48E-18	7.91E-06	6.37E-17	0.000225
SpM1_ChORF0524_s_at	-	<i>spy0524</i>	Unknown	Hypothetical protein	Unknown	-	-	57.98	4.60	-6.29	-13.96	1.09E-08	7.91E-06	0.0126381	0.003553
SpM1_ChORF0480_at	-	<i>spy0480</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	57.89	32.19	58.21	-15.30	1.25E-07	7.91E-06	0.0120426	0.003394
SpM1_ChORF0568_s_at	-	<i>spy0568</i>	Unknown	Hypothetical protein	Unknown	-	-	57.62	203.52	99.26	-16.02	5.36E-09	7.91E-06	0.264106	0.05656
SpM18_ChORF1305_s_at	-	<i>spyM18_1305</i>	Phage	Phage proteins	Phage proteins	-	-	57.16	71.98	51.35	-21.58	4.37E-06	7.91E-06	0.0162552	0.004502
SpM1_ChORF2163_s_at	<i>cadC</i>	<i>spy2163</i>	RNA metabolism	Transcription regulation	Transcription regulation	Essential	-	57.11	4.41	-7.61	-32.42	1.04E-05	7.91E-06	9.43E-05	0.000226
SpM1_ChORF1569_s_at	-	<i>spy1569</i>	Stress adaptation	Heat shock proteins	Heat shock proteins	-	-	57.07	-112.23	-86.61	-2.15	7.30E-16	7.91E-06	0.8961562	0.165842
SpM1_ChORF1024_s_at	-	<i>spy1024</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	56.98	83.98	54.53	-56.88	3.55E-11	7.91E-06	5.77E-12	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1906_s_at	<i>hsdM</i>	<i>spy1906</i>	DNA metabolism	DNA restriction, methylation	DNA restriction, methylation	-	-	56.96	131.14	108.05	-120.10	1.22E-11	7.91E-06	2.03E-16	0.000225
SpM1_ChORF1864_s_at	<i>dnaQ</i>	<i>spy1864</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	56.67	-17.25	4.99	-22.29	2.58E-05	7.91E-06	0.0938281	0.022137
SpM1_ChORF0827_s_at	-	<i>spy0827</i>	Unknown	Hypothetical protein	Unknown	-	-	56.65	-67.91	-94.11	-55.58	3.40E-08	7.91E-06	6.03E-05	0.000225
SpM1_ChORF1294_s_at	<i>malE</i>	<i>spy1294</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	56.37	2941.80	2603.45	954.37	1.83E-30	7.91E-06	1.41E-12	0.000225
SpM1_ChORF0715_at	-	<i>spy0715</i>	RNA metabolism	Transcription regulation	Unknown	-	-	56.36	94.75	-2.97	398.19	0.0004549	1.08E-05	4.56E-39	0.000225
SpM1_ChORF1161_at	-	<i>spy1161</i>	Other	GTP-binding protein	GTP-binding	-	-	56.29	-14.73	12.70	-13.86	6.76E-08	7.91E-06	0.0733262	0.017602
SpM1_ChORF1178_s_at	<i>citG</i>	<i>spy1178</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	56.26	57.60	107.68	75.57	5.61E-10	7.91E-06	6.06E-11	0.000225
SpM1_ChORF0154_s_at	<i>ntpA</i>	<i>spy0154</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	56.04	33.21	62.86	4.99	4.03E-05	7.95E-06	0.8577431	0.159913
SpM12_ChORF299-54_s_at	-	<i>SpyoM12_Chr ORF_299_54</i>	Unknown	Hypothetical protein	Unknown	-	-	55.97	-27.32	-31.83	-82.74	4.84E-15	7.91E-06	3.24E-23	0.000225
SpM1_ChORF1065_at	-	<i>spy1065</i>	Unknown	Hypothetical protein	Unknown	-	-	55.93	11.26	-12.47	-64.35	6.62E-09	7.91E-06	2.94E-14	0.000225
SpM1_ChORF1998_at	<i>smeZ</i>	<i>spy1998</i>	Virulence	Virulence interacting proteins	Pyrogenic Toxin Superantigen	-	-	55.87	3.49	-38.30	-100.02	5.82E-07	7.91E-06	3.34E-14	0.000225
SpM1_ChORF2049_s_at	<i>pfID</i>	<i>spy2049</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	55.82	2404.13	2629.35	865.42	3.31E-31	7.91E-06	8.12E-13	0.000225
SpM1_ChORF0155_s_at	<i>ntpB</i>	<i>spy0155</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	55.56	45.38	114.49	1.75	1.65E-08	7.91E-06	0.965297	0.17696
SpM1_ChORF2166_s_at	-	<i>spy2166</i>	Phage	Phage proteins	Unknown	-	-	55.45	57.51	97.06	-75.47	4.41E-07	7.91E-06	8.10E-09	0.000225
SpM18_ChORF0633_s_at	-	<i>spyM18_0633</i>	Phage	Phage proteins	Phage structural proteins	-	-	55.37	4.37	-26.35	-54.75	7.51E-06	7.91E-06	1.48E-06	0.000225
SpM1_ChORF0639_s_at	<i>kgdA</i>	<i>spy0639</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	55.25	9.29	4.27	-14.50	0.0002278	9.05E-06	0.0750299	0.01797
SpM3_ChORF0976_s_at	-	<i>SpyM3_0976</i>	Unknown	Hypothetical protein	Unknown	-	-	54.93	67.49	52.58	-19.68	2.50E-07	7.91E-06	0.0091215	0.002632
SpM1_ChORF1161_s_at	-	<i>spyM18_1121</i>	Other	GTP-binding protein	GTP-binding	-	-	54.82	-31.98	75.38	72.49	2.53E-05	7.91E-06	1.55E-05	0.000225
SpM1_ChORF1575_s_at	-	<i>spy1575</i>	Unknown	Hypothetical protein	Unknown	-	-	54.13	-56.28	-58.89	9.29	2.71E-16	7.91E-06	0.2396989	0.05187
SpM1_ChORF0191_at	-	<i>spy0191</i>	Unknown	Hypothetical protein	Unknown	-	-	53.96	11.76	63.72	-24.14	1.17E-08	7.91E-06	0.0018772	0.000627
SpM18_ChORF1309_s_at	-	<i>spyM18_1309</i>	Phage	Phage proteins	Unknown	-	-	53.49	41.68	101.70	-41.29	1.59E-10	7.91E-06	8.77E-06	0.000225
SpM1_ChORF1788_s_at	-	<i>spy1788</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	53.30	-20.39	-73.79	-79.48	4.21E-11	7.91E-06	3.46E-10	0.000225
SpM1_ChORF1586_s_at	<i>lacZ</i>	<i>spy1586</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	52.69	303.10	476.26	254.49	2.55E-25	7.91E-06	8.01E-19	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF2002_s_at	<i>dppC</i>	<i>spy2002</i>	Membrane transport	Membrane transport	Peptide membrane transport	-	-	52.64	51.36	98.75	-301.42	5.61E-05	8.01E-06	1.16E-32	0.000225
SpM1_ChORF1257_s_at	-	<i>spy1257</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	52.59	2.04	-1.13	-2.77	1.85E-09	7.91E-06	0.5035206	0.101813
SpM1_ChORF0856_s_at	<i>mur1.1</i>	<i>spy0856</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	Essential	-	52.43	-4.57	-28.25	-12.24	9.10E-10	7.91E-06	0.0370439	0.009495
SpM12_ChORF277-20_s_at	-	<i>spy0537</i>	Unknown	Hypothetical protein	Unknown	-	-	52.30	5.77	0.34	-22.08	1.71E-15	7.91E-06	3.26E-13	0.000225
SpM1_ChORF0916_s_at	-	<i>spy0916</i>	Unknown	Hypothetical protein	Unknown	-	-	52.11	56.38	329.33	-11.62	2.32E-07	7.91E-06	0.8407281	0.157576
SpM1_ChORF0847_s_at	-	<i>spy0847</i>	RNA metabolism	RNA modification	RNA modification	-	-	52.06	-0.69	15.74	2.63	8.30E-19	7.91E-06	2.20E-05	0.000225
SpM3_ChORF1072_s_at	-	<i>spy1407</i>	Unknown	Hypothetical protein	Unknown	-	-	52.05	-5.15	-6.92	-2.56	6.49E-06	7.91E-06	0.471258	0.095841
SpM1_ChORF1422_s_at	<i>recR</i>	<i>spy1422</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	52.00	-57.13	-57.29	76.53	6.83E-12	7.91E-06	2.10E-11	0.000225
SpM1_ChORF1254_s_at	-	<i>spy1254</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	Essential	-	51.87	13.79	50.69	-12.15	5.06E-05	7.98E-06	0.2210263	0.048156
SpM1_ChORF0743_s_at	<i>sagF</i>	<i>spy0743</i>	Protein synthesis	Protein folding & modification	Protein modification	-	-	51.85	1297.11	1906.25	1364.48	3.28E-29	7.91E-06	4.94E-28	0.000225
SpM18_ChORF0544_s_at	-	<i>spyM18_0544</i>	Unknown	Hypothetical protein	Unknown	-	-	51.75	-0.95	-3.97	-26.07	1.23E-12	7.91E-06	8.22E-08	0.000225
SpM1_ChORF0517_s_at	<i>thrS</i>	<i>spy0517</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	Essential	Essential	51.65	-118.66	-99.34	-113.57	0.0254793	0.000321	0.1038135	0.024209
SpM1_ChORF1834_s_at	-	<i>spy1834</i>	RNA metabolism	Transcription regulation	Unknown	-	-	51.62	-4.38	-10.37	-41.51	7.29E-09	7.91E-06	1.10E-10	0.000225
SpM1_ChORF0009_s_at	-	<i>spy0009</i>	Stress adaptation	Heat shock proteins	Heat shock proteins	-	-	51.59	-63.33	-88.54	-60.72	8.46E-15	7.91E-06	3.33E-08	0.000225
SpM1_ChORF1367_s_at	-	<i>spy1367</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	51.57	-0.42	6.58	-4.36	1.22E-10	7.91E-06	0.0715413	0.017244
SpM1_ChORF1898_s_at	-	<i>spy1898</i>	RNA metabolism	Transcription regulation	Unknown	-	-	50.81	-68.30	-166.20	19.92	1.54E-25	7.91E-06	0.1787764	0.039714
SpM1_ChORF1163_s_at	<i>smf</i>	<i>spy1163</i>	DNA metabolism	Packaging & segregation	DNA packaging	-	-	50.44	-19.07	-36.19	-4.93	1.47E-08	7.91E-06	0.5012785	0.101418
SpM12_ChORF286-3_s_at	-	<i>SpyoM12_ChORF_286_3</i>	Unknown	Hypothetical protein	Unknown	-	-	50.42	15.75	-66.86	-114.85	7.53E-07	7.91E-06	1.02E-11	0.000225
SpM1_ChORF2189_s_at	<i>sdhB</i>	<i>spy2189</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	49.89	430.20	246.30	125.82	8.59E-25	7.91E-06	3.58E-10	0.000225
SpM1_ChORF0055_s_at	<i>rplV</i>	<i>spy0055</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	49.35	-180.91	-397.11	-162.97	3.76E-08	7.91E-06	0.010278	0.002935
SpM12_ChORF248-6_s_at	-	<i>SpyoM12_ChORF_248_6</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	49.33	918.51	1166.76	176.00	1.33E-11	7.91E-06	0.1020992	0.023825
SpM1_ChORF0723_at	-	<i>spy0723</i>	Mobile Genetic Element	Mobile Genetic Element	Transposase	-	-	49.07	-21.16	-26.99	-32.41	5.43E-09	7.91E-06	3.77E-05	0.000225
SpM12_ChORF262-5_s_at	-	<i>SpyoM12_ChORF_262_5</i>	Unknown	Hypothetical protein	Unknown	-	-	48.95	475.94	370.16	716.07	4.11E-17	7.91E-06	1.45E-33	0.000225
SpM12_ChORF260-3_s_at	-	<i>SpyoM12_ChORF_260_3</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	48.88	1.36	-1.03	-10.56	7.42E-11	7.91E-06	0.00108	0.000415

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0931_s_at	-	<i>spy0931</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	48.70	-41.33	-5.59	-58.31	0.0045235	5.96E-05	5.93E-05	0.000225
SpM1_ChORF0846_s_at	-	<i>spy0846</i>	RNA metabolism	Transcription regulation		-	-	48.35	1.54	15.38	-1.59	1.80E-13	7.91E-06	3.31E-05	0.000225
SpM1_ChORF1013_s_at	<i>fbp</i>	<i>spy1013</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	48.27	-8.38	-81.30	-70.66	1.57E-10	7.91E-06	2.59E-08	0.000225
SpM1_ChORF1177_s_at	-	<i>spy1177</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	48.20	-28.47	-82.28	-63.84	3.33E-18	7.91E-06	4.12E-11	0.000225
SpM1_ChORF0845_s_at	<i>czcD</i>	<i>spy0845</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	47.96	29.85	-4.91	-11.18	9.36E-15	7.91E-06	0.0231249	0.006242
SpM1_ChORF1879_s_at	-	<i>spy1879</i>	Unknown	Hypothetical protein	Unknown	-	-	47.90	-68.16	-98.15	-21.14	8.20E-20	7.91E-06	0.0082049	0.0024
SpM1_ChORF0173_s_at	<i>leuS</i>	<i>spy0173</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	47.73	-29.02	-146.37	-221.48	2.13E-10	7.91E-06	4.62E-19	0.000225
SpM1_ChORF0540_s_at	-	<i>spy0540</i>	Unknown	Hypothetical protein	Unknown	-	-	47.12	4.52	-0.02	-21.71	1.23E-11	7.91E-06	1.12E-10	0.000225
SpM1_ChORF1361_s_at	<i>inlA</i>	<i>spy1361</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	46.06	-22.12	-17.15	-9.46	8.86E-07	7.91E-06	0.2995536	0.063455
SpM49_ChORF6658-6_s_at	-	<i>SpyoM49_ChORF_sp001_0_6658_6</i>	Unknown	Hypothetical protein	Unknown	-	-	45.66	-12.34	-17.59	-11.88	2.75E-10	7.91E-06	0.0347647	0.008962
SpM12_ChORF291-52_s_at	-	<i>SpyoM12_ChORF_291_52</i>	Unknown	Hypothetical protein	Unknown	-	-	44.96	0.00	10.40	2.68	2.00E-12	7.91E-06	0.2183452	0.047838
SpM1_ChORF1049_s_at	-	<i>spy1049</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	44.93	-9.55	-8.49	-29.66	3.32E-07	7.91E-06	8.09E-06	0.000225
SpM1_ChORF1846_s_at	<i>dinP</i>	<i>spy1846</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	44.83	-71.98	-99.63	-40.90	8.34E-15	7.91E-06	0.0001535	0.000231
SpM1_ChORF1536_s_at	-	<i>spy1536</i>	Unknown	Hypothetical protein	Unknown	-	-	44.72	-630.43	-876.55	302.75	1.18E-17	7.91E-06	0.0001806	0.000234
SpM1_ChORF1935_s_at	-	<i>spy1935</i>	Unknown	Hypothetical protein	Unknown	-	-	44.57	-5.80	10.87	-52.76	9.02E-05	8.18E-06	3.34E-10	0.000225
SpM12_ChORF274-19_s_at	-	<i>SpyoM12_ChORF_274_19</i>	Unknown	Hypothetical protein	Unknown	-	-	44.40	-111.34	-101.15	79.50	8.84E-05	8.18E-06	0.003122	0.000978
SpM1_ChORF1904_s_at	<i>hsdR</i>	<i>spy1904</i>	DNA metabolism	DNA restriction, methylation	DNA restriction, methylation	-	-	44.21	158.04	85.72	-101.14	9.62E-09	7.91E-06	2.29E-09	0.000225
SpM12_ChORF288-15_at	-	<i>SpyoM12_ChORF_288_15</i>	Unknown	Hypothetical protein	Unknown	-	-	44.18	-1.78	-5.01	-23.21	5.78E-06	7.91E-06	0.0001442	0.00023
SpM12_ChORF217-1_at	-	<i>SpyoM12_ChORF_217_1</i>	Unknown	Hypothetical protein	Unknown	-	-	44.04	9.63	-36.60	-128.55	2.75E-05	7.91E-06	2.82E-16	0.000225
SpM18_ChORF0631_s_at	-	<i>spyM18_0631</i>	Unknown	Hypothetical protein	Unknown	-	-	43.80	16.22	-18.54	-82.32	0.0016886	2.37E-05	7.97E-10	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1616_s_at	<i>comFA</i>	<i>spy1616</i>	Membrane transport	Membrane transport	Quorum sensing membrane transport	-	-	43.75	-9.48	-6.00	-21.59	2.53E-08	7.91E-06	0.0002595	0.000246
SpM1_ChORF1622_s_at	<i>hk03</i>	<i>spy1622</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	43.67	143.04	42.87	-13.03	2.22E-10	7.91E-06	0.129916	0.029628
SpM1_ChORF2198_s_at	-	<i>spy2198</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	43.59	-141.92	-195.91	-30.98	9.23E-25	7.91E-06	0.0087839	0.002547
SpM1_ChORF0039_s_at	-	<i>spy0039</i>	RNA metabolism	Transcription regulation	Signal transduction	Essential	-	43.28	45.76	46.25	27.35	0.0126307	0.000162	0.0225638	0.0061
SpM1_ChORF0102_s_at	<i>comYB</i>	<i>spy0102</i>	Membrane transport	Membrane transport	Quorum sensing membrane transport	-	-	43.24	-1.56	-5.43	-5.14	3.38E-11	7.91E-06	0.0156485	0.00434
SpM12_ChORF299-49_s_at	-	<i>SpyoM12_ChORF_299_49</i>	Unknown	Hypothetical protein	Unknown	-	-	43.23	1.04	0.83	-28.52	4.80E-12	7.91E-06	1.57E-17	0.000225
SpM1_ChORF0195_x_at	-	<i>spy0195</i>	Mobile Genetic Element	Mobile Genetic Element	Transposase	-	-	43.22	17.29	11.16	-30.68	0.0006865	1.28E-05	5.59E-05	0.000225
SpM1_ChORF1905_s_at	<i>hsdS</i>	<i>spy1905</i>	DNA metabolism	DNA restriction, methylation	DNA restriction, methylation	-	-	43.09	26.85	-4.13	-81.34	6.54E-06	7.91E-06	4.92E-17	0.000225
SpM1_ChORF0766_s_at	<i>endA</i>	<i>spy0766</i>	Virulence	Virulence interacting proteins	Lantibiotic, Quorum sensing	-	-	43.06	-1.81	-12.65	-8.83	6.48E-10	7.91E-06	0.0364966	0.009381
SpM1_ChORF0310_s_at	-	<i>spy0310</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	42.93	-37.82	-24.91	-82.35	2.02E-06	7.91E-06	2.32E-12	0.000225
SpM1_ChORF1205_s_at	-	<i>spy1205</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	42.87	-26.34	-24.61	-34.69	4.77E-07	7.91E-06	0.0001027	0.000227
SpM1_ChORF2152_s_at	-	<i>spy2152</i>	Unknown	Hypothetical protein	Unknown	-	-	42.84	34.71	-5.72	-11.31	0.000274	9.36E-06	0.1841409	0.040854
SpM1_ChORF1404_s_at	-	<i>spy1404</i>	Unknown	Hypothetical cytosolic Protein	Unknown	Essential	Essential	42.67	-89.28	-133.06	447.15	9.83E-06	7.91E-06	8.55E-27	0.000225
SpM1_ChORF1901_s_at	<i>truA</i>	<i>spy1901</i>	RNA metabolism	RNA modification	RNA modification	-	-	42.45	-65.91	-171.17	47.58	6.47E-17	7.91E-06	0.0017954	0.000605
SpM1_ChORF0489_s_at	-	<i>spy0489</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	42.24	-10.79	-27.41	-35.45	1.23E-08	7.91E-06	3.11E-06	0.000225
SpM1_ChORF0636_s_at	<i>idnO</i>	<i>spy0636</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	42.04	27.56	24.54	4.10	2.79E-05	7.91E-06	0.6915457	0.133826
SpM18_ChORF0135_s_at	-	<i>spyM18_0135</i>	RNA metabolism	Transcription regulation	Unknown	-	-	41.88	536.52	250.86	139.12	1.67E-15	7.91E-06	0.0001025	0.000227
SpM1_ChORF0101_s_at	<i>comYA</i>	<i>spy0101</i>	Membrane transport	Membrane transport	Quorum sensing membrane transport	-	-	41.84	-1.00	-5.68	-1.94	1.42E-12	7.91E-06	0.1672473	0.037365
SpM1_ChORF2170_at	-	<i>spy2170</i>	Phage	Phage proteins	Hypothetical cytosolic protein	-	-	41.79	-21.33	-35.26	-17.90	1.98E-15	7.91E-06	0.000547	0.000297
SpM1_ChORF0285_s_at	-	<i>spy0285</i>	Cofactors	Fe-sulfate cluster	Fe-sulfate cluster biosynthesis	-	-	41.60	-211.17	-243.33	-41.72	5.12E-14	7.91E-06	0.0578971	0.014248

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0722_s_at	-	<i>spy0722</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	41.38	-10.43	16.90	-42.68	0.0063405	8.26E-05	8.96E-05	0.000226
SpM1_ChORF0798_s_at	-	<i>spy0798</i>	Unknown	Hypothetical protein	Unknown	-	-	40.71	8.83	-31.86	-29.49	0.0002243	9.02E-06	0.0128991	0.003621
SpM1_ChORF1505_s_at	<i>phr</i>	<i>spy1505</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	40.71	5.60	-6.66	-38.97	3.88E-05	7.95E-06	1.08E-07	0.000225
M12_1091_at	-	<i>M12_1091</i>	Mobile Genetic Element	Mobile Genetic Element	IS Element-associated ORF	-	-	40.54	-1.36	11.74	2.33	1.66E-12	7.91E-06	0.4079517	0.084234
SpM12_ChORF301-33_at	-	<i>SpyoM12_Chr ORF_301_33</i>	Unknown	Hypothetical protein	Unknown	-	-	40.05	12.64	5.08	-18.04	0.0006145	1.22E-05	0.0026206	0.000835
SpM1_ChORF1525_s_at	<i>murD</i>	<i>spy1525</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	39.93	146.36	50.16	-109.43	4.84E-06	7.91E-06	2.09E-07	0.000225
SpM1_ChORF1198_s_at	-	<i>spy1198</i>	Phage	Phage proteins	Phage regulatory proteins	-	-	39.90	41.46	160.17	-47.51	1.86E-15	7.91E-06	2.27E-05	0.000225
SpM1_ChORF1765_s_at	-	<i>spy1765</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	39.83	254.83	206.96	58.74	3.14E-19	7.91E-06	0.0002812	0.000249
SpM1_ChORF0471_s_at	<i>phoH</i>	<i>spy0471</i>	Unknown	Hypothetical protein	Unknown	-	-	39.76	-20.90	-123.94	123.15	1.73E-07	7.91E-06	4.92E-08	0.000225
SpM1_ChORF0815_s_at	-	<i>spy0815</i>	Unknown	Hypothetical protein	Unknown	-	-	39.44	-96.63	-168.57	-63.91	6.24E-26	7.91E-06	2.07E-09	0.000225
SpM1_ChORF0013_s_at	-	<i>spy0013</i>	Unknown	Conserved protein	Unknown	-	-	39.32	-35.85	-70.64	-84.45	1.40E-11	7.91E-06	4.92E-14	0.000225
SpM1_ChORF0600_s_at	-	<i>spy0600</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	39.30	9.68	43.57	-33.92	0.0028448	3.81E-05	0.0004485	0.00028
SpM1_ChORF1697_s_at	-	<i>spy1697</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	39.02	-62.14	-45.37	-113.14	4.57E-06	7.91E-06	2.34E-14	0.000225
SpM18_ChORF0626_s_at	-	<i>spy0560</i>	Unknown	Hypothetical protein	Unknown	-	-	39.02	-3.43	-38.42	-67.25	1.92E-08	7.91E-06	6.57E-13	0.000225
SpM1_ChORF1246_s_at	-	<i>spy1246</i>	DNA metabolism	Packaging & segregation	DNA packaging	-	-	38.81	-19.70	-86.06	63.28	2.84E-12	7.91E-06	7.16E-09	0.000225
SpM18_ChORF0120_s_at	-	<i>spyM18_0120</i>	Unknown	Hypothetical protein	Unknown	-	-	38.46	7.68	8.78	3.57	9.91E-10	7.91E-06	0.2358015	0.051058
SpM1_ChORF0157_s_at	<i>ntpD</i>	<i>spy0157</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	38.25	14.84	57.48	-0.47	3.26E-06	7.91E-06	0.7213404	0.138828
SpM1_ChORF1552_s_at	-	<i>spy1552</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	38.03	40.81	65.92	-32.52	5.40E-06	7.91E-06	3.54E-05	0.000225
SpM1_ChORF1899_s_at	-	<i>spy1899</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	37.60	-74.16	-169.55	15.88	5.72E-20	7.91E-06	0.4117197	0.084862
SpM1_ChORF1110_s_at	-	<i>spy1110</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	37.44	-15.62	-23.00	-0.45	1.08E-09	7.91E-06	0.7604277	0.144922
SpM1_ChORF1641_s_at	-	<i>spy1641</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	37.43	13.40	-12.25	-54.33	1.55E-05	7.91E-06	3.28E-11	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM3_ChORF1070_s_at	-	<i>SpyM3_1070</i>	Unknown	Hypothetical protein	Unknown	-	-	37.24	-72.00	-147.54	289.78	2.32E-08	7.91E-06	2.00E-21	0.000225
SpM1_ChORF0637_s_at	-	<i>spy0637</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	37.07	13.57	4.95	-6.27	2.12E-05	7.91E-06	0.1015912	0.023722
SpM1_ChORF2048_s_at	<i>mipB</i>	<i>spy2048</i>	Carbohydrate metabolism	Carbohydrate biosynthesis		-	-	36.96	1361.88	2001.23	473.07	2.61E-33	7.91E-06	5.36E-11	0.000225
SpM1_ChORF0581_s_at	-	<i>spy0581</i>	Unknown	Hypothetical protein	Unknown	-	-	36.32	34.65	100.34	-36.71	4.62E-11	7.91E-06	0.0001035	0.000227
SpM18_ChORF1331_s_at	-	<i>spyM18_1331</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	36.28	46.82	130.83	0.84	2.14E-09	7.91E-06	0.7997307	0.151508
SpM1_ChORF1119_s_at	-	<i>spy1119</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	36.02	-40.31	56.81	-48.04	0.0716731	0.00087	0.0050436	0.001527
SpM1_ChORF1584_s_at	<i>aroE</i>	<i>spy1584</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	-	-	35.67	30.38	73.84	64.86	0.0312931	0.000392	0.0004908	0.000288
SpM3_ChORF0973_at	-	<i>SpyM3_0973</i>	Unknown	Hypothetical protein	Unknown	-	-	35.52	36.49	64.60	-35.17	0.0005322	1.15E-05	0.0027405	0.000869
SpM1_ChORF0628_at	-	<i>spy0628</i>	Unknown	Hypothetical protein	Unknown	-	-	35.36	12.39	-18.88	1.56	9.65E-09	7.91E-06	0.9714142	0.177896
SpM12_ChORF295-17_s_at	-	<i>SpyoM12_ChORF_295_17</i>	Unknown	Hypothetical protein	Unknown	-	Essential	35.28	-17.49	-16.02	-9.92	1.23E-12	7.91E-06	0.0101885	0.002913
SpM1_ChORF1405_s_at	-	<i>spy1405</i>	Unknown	Hypothetical protein	Unknown	-	-	35.12	-72.93	-152.26	287.45	5.89E-09	7.91E-06	9.02E-22	0.000225
SpM1_ChORF0397_s_at	-	<i>spy0397</i>	Unknown	Hypothetical protein	Unknown	-	-	34.91	-77.95	-24.12	-19.35	0.1740813	0.002058	0.8344796	0.156705
SpM1_ChORF0314_s_at	-	<i>spy0314</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	34.74	-65.26	-84.64	-98.96	4.73E-13	7.91E-06	8.98E-15	0.000225
SpM1_ChORF0151_s_at	<i>ntpC</i>	<i>spy0151</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	33.79	39.13	78.50	21.07	8.02E-06	7.91E-06	0.0537707	0.013336
SpM12_ChORF270-2_s_at	-	<i>spy0408</i>	Unknown	Hypothetical protein	Unknown	-	-	33.28	28.89	77.35	-7.80	0.0009956	1.59E-05	0.7490402	0.143062
SpM1_ChORF1769_s_at	-	<i>spy1769</i>	Unknown	Hypothetical protein	Unknown	-	-	33.21	-22.76	-17.24	-22.50	3.85E-06	7.91E-06	0.006228	0.001852
SpM1_ChORF0526_s_at	-	<i>spy0526</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	33.21	13.25	25.12	-14.25	6.06E-06	7.91E-06	0.0022103	0.000723
SpM1_ChORF1804_s_at	<i>acpS</i>	<i>spy1804</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	32.89	6.52	54.07	-72.18	0.0004557	1.08E-05	5.15E-11	0.000225
SpM1_ChORF1589_s_at	-	<i>spy1589</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	32.87	11.05	8.08	27.33	6.81E-05	8.07E-06	2.62E-06	0.000225
SpM12_ChORF212-4_s_at	-	<i>SpyoM12_ChORF_212_4</i>	Unknown	Hypothetical protein	Unknown	-	-	32.65	-41.96	-56.90	-0.65	2.35E-07	7.91E-06	0.6845674	0.132769
SpM1_ChORF1833_s_at	<i>mutY</i>	<i>spy1833</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	32.62	-220.60	-228.83	-25.68	6.07E-20	7.91E-06	0.0307237	0.008052
SpM1_ChORF1121_s_at	-	<i>spy1121</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	Essential	-	32.61	-30.05	-70.77	-21.03	0.0018382	2.54E-05	0.13564	0.030773
SpM1_ChORF1056_s_at	-	<i>spy1056</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	32.51	-42.18	-27.23	-44.17	0.0023257	3.15E-05	0.0016786	0.000574

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1385_s_at	-	<i>spy1385</i>	Unknown	Hypothetical protein	Unknown	-	-	32.47	100.26	160.34	58.82	1.05E-09	7.91E-06	3.16E-05	0.000225
SpM1_ChORF0521_s_at	-	<i>spy0521</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	32.40	35.47	38.54	-19.61	0.0001203	8.35E-06	0.0144523	0.004037
SpM1_ChORF1039_s_at	-	<i>spy1039</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	Essential	32.27	-58.01	-93.31	-26.18	1.18E-26	7.91E-06	0.0001004	0.000227
SpM3_ChORF1086_at	-	<i>SpyM3_1086</i>	Unknown	Hypothetical protein	Unknown	-	-	32.23	-54.91	-42.16	73.69	4.90E-06	7.91E-06	6.71E-09	0.000225
SpM1_ChORF1835_s_at	<i>trx</i>	<i>spy1835</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	32.05	-55.03	-128.84	-46.07	2.42E-16	7.91E-06	2.72E-05	0.000225
SpM1_ChORF0609_s_at	<i>ftsW</i>	<i>spy0609</i>	Cell shape and division	Cell shape & division	Cell division	-	-	31.97	-144.19	-137.74	-19.77	4.76E-19	7.91E-06	0.1262899	0.028932
SpM1_ChORF0371_s_at	-	<i>spy0371</i>	RNA metabolism	RNA modification	RNA modification	Essential	-	31.95	-5.33	-19.96	-65.37	0.0074826	9.71E-05	4.96E-09	0.000225
SpM1_ChORF0257_s_at	<i>nanH</i>	<i>spy0257</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	31.67	168.60	692.93	195.09	5.82E-15	7.91E-06	8.72E-06	0.000225
SpM12_ChORF280-25_s_at	-	<i>SpyoM12_Chr ORF_280_25</i>	Unknown	Hypothetical protein	Unknown	-	-	31.66	6.11	10.20	-4.07	0.0023918	3.23E-05	0.5491207	0.109708
SpM1_ChORF1535_s_at	-	<i>spy1535</i>	RNA metabolism	Transcription r egulation	Transcription r egulation	-	-	31.50	118.44	19.96	93.77	3.80E-05	7.95E-06	2.87E-07	0.000225
SpM1_ChORF1811_s_at	<i>scrK</i>	<i>spy1811</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	30.94	-26.38	40.13	-8.95	6.07E-07	7.91E-06	0.2565822	0.055184
SpM1_ChORF1556_s_at	-	<i>spy1556</i>	RNA metabolism	Transcription r egulation	Signal transduction	-	-	30.91	68.24	15.88	-7.62	5.72E-05	8.01E-06	0.2189226	0.047875
SpM1_ChORF0728_s_at	-	<i>spy0728</i>	Unknown	Hypothetical extracellular protein	Unknown	Essential	-	30.81	9.88	175.04	-118.97	0.058933	0.000723	0.0382744	0.009789
SpM1_ChORF0603_s_at	-	<i>spy0603</i>	Unknown	Hypothetical extracellular protein	Unknown	-	-	30.68	-129.35	-212.68	-6.03	3.03E-19	7.91E-06	0.4578963	0.09372
SpM1_ChORF1984_s_at	<i>nrdI.1</i>	<i>spy1984</i>	Nucleotides	Nucleotides biosynthesis	Purine, pyrimidine biosynthesis	-	-	30.54	-155.16	-173.34	-79.81	5.02E-16	7.91E-06	1.58E-06	0.000225
SpM1_ChORF2176_s_at	-	<i>spy2176</i>	Phage	Phage proteins	Phage regulatory proteins	-	-	30.42	-35.22	1.38	-48.86	0.0003295	9.79E-06	6.17E-06	0.000225
SpyM3_1764_at	-	<i>SpyM3_1764</i>	Unknown	Hypothetical protein	Unknown	-	-	30.41	-28.47	-5.03	0.35	0.0004004	1.04E-05	0.8237215	0.155383
SpM1_ChORF0235_s_at	-	<i>spy0235</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	30.40	-155.03	-100.83	-33.59	0.000663	1.26E-05	0.2699655	0.057709
SpM1_ChORF1420_s_at	<i>murF</i>	<i>spy1420</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	30.23	-130.24	-76.13	254.13	6.24E-08	7.91E-06	2.73E-21	0.000225
SpM1_ChORF1618_s_at	<i>cysM</i>	<i>spy1618</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	-	-	30.22	-43.16	-67.86	-23.59	7.02E-11	7.91E-06	0.0033059	0.001032
SpM1_ChORF0237_s_at	-	<i>spy0237</i>	Unknown	Hypothetical protein	Unknown	-	-	29.48	-69.66	-116.76	-17.93	7.18E-19	7.91E-06	0.0168854	0.004665
SpM1_ChORF0642_s_at	-	<i>spy0642</i>	Unknown	Hypothetical protein	Unknown	-	-	29.13	-37.61	-104.55	135.57	3.49E-13	7.91E-06	1.55E-19	0.000225
SpM3_ChORF0972_at	-	<i>SpyM3_0972</i>	Unknown	Hypothetical protein	Unknown	-	-	29.04	20.13	77.09	-68.55	1.68E-05	7.91E-06	7.14E-09	0.000225
SpyM3_1542_at	-	<i>SpyM3_1542</i>	Unknown	Hypothetical protein	Unknown	-	-	28.97	71.87	112.43	-7.95	3.20E-09	7.91E-06	0.9037349	0.166893

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM18_ChORF1476_s_at	-	<i>spyM18_1476</i>	Phage	Phage proteins		-	-	28.96	0.99	9.09	-8.17	5.91E-15	7.91E-06	9.51E-19	0.000225
SpM18_ChORF1122_s_at	-	<i>spy1162</i>	RNA metabolism	RNA modification	RNA modification	-	-	28.93	-18.49	47.62	-6.75	0.0006965	1.29E-05	0.9537616	0.17512
SpM12_ChORF301-71_s_at	-	<i>SpyoM12_Chr ORF_301_71</i>	Unknown	Hypothetical protein	Unknown	-	-	28.90	0.04	22.53	-10.24	0.0001748	8.70E-06	0.0478949	0.011954
SpM1_ChORF2050_s_at	-	<i>spyM18_2111</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	28.73	95.00	161.94	-13.75	6.86E-12	7.91E-06	0.1945595	0.043084
SpM1_ChORF1170_s_at	<i>ddh</i>	<i>spy1170</i>	Unknown	Hypothetical protein	Unknown	-	-	28.35	-36.05	-15.89	-40.03	5.68E-06	7.91E-06	1.14E-05	0.000225
SpM1_ChORF0640_s_at	-	<i>spy0640</i>	Unknown	Hypothetical protein	Unknown	-	-	28.01	-12.76	-54.39	15.24	1.99E-06	7.91E-06	0.1947482	0.043098
SpM1_ChORF0463_s_at	<i>rrf</i>	<i>spy0463</i>	Protein synthesis	Translation factors	Translation factor	-	-	27.90	-113.30	-110.89	-98.34	5.32E-08	7.91E-06	3.54E-08	0.000225
SpM1_ChORF0254_s_at	-	<i>spy0254</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	27.38	308.40	593.59	260.17	1.41E-14	7.91E-06	1.45E-08	0.000225
SpM1_ChORF0790_s_at	<i>rgpDc</i>	<i>spy0790</i>	Cell envelope	Cell wall	Teichoic acid biosynthesis	-	-	27.19	-93.18	-218.92	18.98	2.44E-12	7.91E-06	0.4629358	0.094371
SpM12_ChORF282-20_s_at	-	<i>SpyoM12_Chr ORF_282_20</i>	Unknown	Hypothetical protein	Unknown	-	-	27.16	4.83	11.60	2.41	1.68E-15	7.91E-06	0.0027707	0.000877
SpM1_ChORF0622_s_at	-	<i>spy0622</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	27.13	-60.36	-54.24	10.73	1.07E-11	7.91E-06	0.2592664	0.055659
SpM1_ChORF0921_s_at	<i>miaA</i>	<i>spy0921</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	27.00	-30.72	25.86	18.68	0.0004102	1.05E-05	0.0410226	0.010379
SpM1_ChORF1526_s_at	-	<i>spy1526</i>	Unknown	Hypothetical protein	Unknown	-	-	26.58	-46.52	-44.20	-114.82	0.0028672	3.84E-05	3.89E-10	0.000225
SpM1_ChORF1154_s_at	<i>srtA</i>	<i>spy1154</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	26.46	-234.38	-254.60	-209.63	9.10E-10	7.91E-06	3.57E-10	0.000225
SpM1_ChORF1379_s_at	-	<i>spy1379</i>	Membrane transport	Membrane transport	Membrane ion channel	-	-	25.98	94.73	117.43	-0.66	8.31E-14	7.91E-06	0.8425171	0.157736
SpM1_ChORF1637_s_at	<i>atoB</i>	<i>spy1637</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	25.94	-58.43	-102.61	-42.91	2.57E-16	7.91E-06	1.03E-05	0.000225
SpM1_ChORF1133_s_at	<i>proV</i>	<i>spy1133</i>	Membrane transport	Membrane transport	Osmoprotectant membrane transport	-	-	25.63	-15.75	21.78	-44.39	0.0440856	0.000545	0.0001037	0.000227
M12_2021_x_at	-	<i>M12_2021</i>	Unknown	Hypothetical protein	Unknown	-	-	25.47	-27.48	-27.74	-17.96	5.71E-07	7.91E-06	0.013056	0.003662
SpM1_ChORF0421_s_at	-	<i>spy0421</i>	Unknown	Hypothetical protein	Unknown	-	-	25.40	-18.15	43.82	-75.47	0.0008084	1.40E-05	3.92E-10	0.000225
SpM1_ChORF1322_s_at	-	<i>spy1322</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	Essential	-	25.14	43.90	127.45	2.95	4.80E-13	7.91E-06	0.6885424	0.133392
SpM1_ChORF1900_s_at	<i>thiD</i>	<i>spy1900</i>	Cofactors			-	-	24.45	-70.08	-150.12	28.80	5.79E-24	7.91E-06	0.0067438	0.001995
SpM5_ChORF169a-188_s_at	-	<i>SpyoM5_Chr ORF_169a5.p1t_188</i>	Unknown	Hypothetical protein	Unknown	-	-	24.43	-2.35	-21.94	-59.32	0.0001665	8.65E-06	1.18E-11	0.000225
SpM1_ChORF1280_s_at	<i>glmS</i>	<i>spy1280</i>	Cell envelope	Cell wall	Aminosugar metabolism	Essential	Essential	24.12	228.92	560.98	95.11	8.26E-14	7.91E-06	0.0027181	0.000863
SpM3_ChORF1124_s_at	-	<i>SpyM3_1124</i>	Unknown	Hypothetical protein	Unknown	-	-	24.05	-46.74	-49.21	-36.91	5.64E-17	7.91E-06	3.40E-10	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF1638_s_at	<i>atoD.1</i>	<i>spy1638</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	23.99	-56.46	-80.49	-36.56	2.92E-19	7.91E-06	1.76E-06	0.000225
SpM1_ChORF1640_s_at	-	<i>spy1640</i>	Unknown	Hypothetical protein	Unknown	-	-	23.96	-15.33	-61.96	-58.37	7.93E-10	7.91E-06	1.42E-08	0.000225
SpM1_ChORF0883_s_at	<i>dyr</i>	<i>spy0883</i>	Cofactors	Folate	Folate biosynthesis	-	-	23.60	-180.90	-242.06	-30.26	3.60E-21	7.91E-06	0.0714026	0.017222
SpM12_ChORF299-51_s_at	-	<i>SpyoM12_Chr ORF_299_51</i>	Unknown	Hypothetical protein	Unknown	-	Essential	23.53	1.61	17.38	3.65	1.15E-11	7.91E-06	2.94E-13	0.000225
SpM1_ChORF0572_s_at	-	<i>spy0572</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	23.49	143.22	144.90	-7.85	0.0011447	1.74E-05	0.5208345	0.105072
SpM1_ChORF0536_s_at	-	<i>spy0536</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	23.48	2.73	1.12	-12.35	1.20E-10	7.91E-06	1.76E-12	0.000225
SpM1_ChORF1323_s_at	-	<i>spy1323</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	23.43	36.37	104.82	7.75	8.33E-11	7.91E-06	0.3625464	0.075794
SpM3_ChORF1017_s_at	-	<i>SpyM3_1017</i>	Unknown	Hypothetical protein	Unknown	-	-	23.43	5.93	-9.22	-22.93	0.0099679	0.000128	0.0006431	0.000316
SpM1_ChORF1492_s_at	-	<i>spy1492</i>	Unknown	Hypothetical protein	Unknown	-	-	23.13	5.27	-98.51	-195.14	0.000257	9.25E-06	1.18E-12	0.000225
SpM1_ChORF1288_s_at	-	<i>spy1288</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	23.08	-41.17	-76.03	-25.72	8.84E-13	7.91E-06	0.000734	0.000336
SpM12_ChORF217-7_s_at	-	<i>SpyoM12_Chr ORF_217_7</i>	Unknown	Hypothetical protein	Unknown	-	-	23.01	0.44	5.41	-1.13	6.54E-06	7.91E-06	0.3688221	0.076877
SpM1_ChORF1270_s_at	-	<i>spy1270</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	22.90	-12.51	17.52	39.46	0.0700118	0.000851	0.0017782	0.0006
SpM1_ChORF1138_s_at	-	<i>spy1138</i>	Cofactors			-	-	22.89	-60.10	-84.51	-60.96	6.62E-13	7.91E-06	7.23E-10	0.000225
SpM1_ChORF1793_s_at	-	<i>spy1793</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	22.85	-28.13	-78.19	-73.00	4.47E-14	7.91E-06	1.01E-13	0.000225
SpM18_ChORF2167_x_at	-	<i>spyM18_2167</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	22.36	72.07	205.50	-598.78	0.0073429	9.54E-05	5.28E-22	0.000225
SpM1_ChORF0518_s_at	-	<i>spy0518</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	22.05	35.98	24.01	-12.54	0.0493006	0.000608	0.1308574	0.029784
SpM1_ChORF0370_s_at	-	<i>spy0370</i>	Unknown	Hypothetical protein	Unknown	-	-	21.72	-25.02	-128.79	31.21	6.78E-19	7.91E-06	0.0052034	0.001566
SpM18_ChORF0701_s_at	-	<i>spy0638</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	21.53	34.37	51.95	-0.41	3.35E-10	7.91E-06	0.6078243	0.119869
SpM1_ChORF1639_s_at	<i>atoA</i>	<i>spy1639</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	21.44	-26.84	-26.79	-23.57	3.31E-14	7.91E-06	1.20E-06	0.000225
SpM1_ChORF1083_at	<i>srtA</i>	<i>spy1083</i>	Virulence	Virulence interacting proteins	Lantibiotic, Quorum sensing	-	-	21.24	2.24	13.45	1.55	1.22E-10	7.91E-06	0.0007246	0.000334
SpM12_ChORF218-1_s_at	-	<i>SpyoM12_Chr ORF_218_1</i>	Unknown	Hypothetical protein	Unknown	-	-	20.96	0.52	4.72	-2.71	2.26E-07	7.91E-06	6.00E-06	0.000225
SpM1_ChORF2007_s_at	<i>lmb</i>	<i>spy2007</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	20.71	-36.97	8.81	-40.54	7.12E-06	7.91E-06	2.77E-07	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0346_s_at	-	<i>spy0346</i>	Unknown	Hypothetical protein	Unknown	-	-	20.70	104.36	182.59	-123.86	9.52E-11	7.91E-06	4.98E-11	0.000225
SpM1_ChORF1409_s_at	<i>comEA</i>	<i>spy1409</i>	Membrane transport	Membrane transport	Quorum sensing membrane transport	-	-	20.66	-12.53	-18.47	12.18	1.01E-06	7.91E-06	0.031344	0.008184
SpM1_ChORF1384_s_at	-	<i>spy1384</i>	Unknown	Hypothetical protein	Unknown	-	-	20.42	34.65	45.10	26.78	0.0738794	0.000895	0.0176009	0.004855
SpM1_ChORF0147_s_at	-	<i>spy0147</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	20.26	-4.39	-1.91	-3.71	0.0008025	1.39E-05	0.4002282	0.082688
SpM1_ChORF1218_s_at	-	<i>spy1218</i>	Unknown	Hypothetical protein	Unknown	-	-	19.76	318.40	182.91	40.01	4.10E-08	7.91E-06	0.2267341	0.049307
SpM5_ChORF270b-333_s_at	-	<i>SpyoM5_ChORF_270b10.p1t_333</i>	Unknown	Hypothetical protein	Unknown	-	-	19.66	-2.84	21.15	-14.19	5.08E-05	7.98E-06	0.0055046	0.001646
SpM1_ChORF0399_s_at	<i>tmk</i>	<i>spy0399</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	19.54	122.51	148.76	5.25	1.13E-07	7.91E-06	0.8771403	0.163096
SpM12_ChORF299-7_at	-	<i>SpyoM12_ChORF_299_7</i>	Unknown	Hypothetical protein	Unknown	-	-	19.48	-8.72	0.07	4.85	0.0045003	5.93E-05	0.3939364	0.081724
SpM1_ChORF1408_s_at	<i>comEC</i>	<i>spy1408</i>	Membrane transport	Membrane transport	Quorum sensing membrane transport	-	-	19.43	-3.12	-9.91	15.90	0.0002396	9.13E-06	0.0038131	0.001172
SpM1_ChORF1180_s_at	-	<i>spy1180</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	19.35	-24.93	-28.77	16.83	1.94E-05	7.91E-06	0.0395941	0.010061
SpM1_ChORF0110_s_at	-	<i>spy0110</i>	Unknown	Hypothetical protein	Unknown	-	-	19.19	0.22	3.76	-2.42	6.48E-07	7.91E-06	0.1275228	0.029177
SpM1_ChORF1113_s_at	-	<i>spy1113</i>	Unknown	Hypothetical protein	Unknown	-	-	19.04	846.52	806.17	289.22	6.75E-29	7.91E-06	2.71E-11	0.000225
SpM49_ChORF7585-5_at	-	<i>SpyoM49_ChORF_sp001_0_7585_5</i>	Unknown	Hypothetical protein	Unknown	-	-	19.02	-23.79	-22.55	33.09	0.0001184	8.35E-06	3.75E-05	0.000225
SpM1_ChORF2183_s_at	<i>rplI</i>	<i>spy2183</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	18.95	-502.61	-898.58	-221.35	1.03E-25	7.91E-06	2.55E-07	0.000225
SpM1_ChORF1109_s_at	<i>malP</i>	<i>spy1109</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	Essential	-	18.77	-14.48	-14.91	4.29	3.23E-08	7.91E-06	0.3452424	0.072521
SpM3_ChORF1054_s_at	-	<i>SpyM3_1054</i>	Unknown	Hypothetical protein	Unknown	-	-	18.66	1.79	-1.84	-18.06	0.0563785	0.000693	0.0012411	0.000457
SpM12_ChORF299-5_s_at	-	<i>SpyoM12_ChORF_299_5</i>	Unknown	Hypothetical protein	Unknown	Essential	-	18.64	-8.35	-1.82	6.67	0.0100096	0.000129	0.3121935	0.065973
SpM5_ChORF270b-559_at	-	<i>SpyoM5_ChORF_270b10.p1t_559</i>	Unknown	Hypothetical protein	Unknown	-	-	18.52	-6.93	-8.88	27.21	0.0002635	9.30E-06	9.19E-08	0.000225
SpM1_ChORF1682_s_at	<i>glpF</i>	<i>spy1682</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	18.36	46.04	254.24	81.12	4.84E-19	7.91E-06	8.14E-09	0.000225
SpM1_ChORF1717_at	<i>copY</i>	<i>spy1717</i>	RNA metabolism	Transcription r	regulation	-	-	18.01	19.68	26.47	-0.23	0.2400448	0.002807	0.5376427	0.107783
SpM3_ChORF1004_s_at	-	<i>SpyM3_1004</i>	Unknown	Hypothetical protein	Unknown	-	-	17.71	41.20	93.42	15.41	2.44E-09	7.91E-06	0.0878733	0.020809
SpM1_ChORF0824_s_at	-	<i>spy0824</i>	RNA metabolism	Transcription r	regulation	-	-	17.69	-85.26	-122.42	-28.70	1.71E-15	7.91E-06	0.0013166	0.000477

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1048_s_at	-	<i>spy1048</i>	Unknown	Hypothetical protein	Unknown	-	-	17.61	0.58	18.06	-20.13	0.0034025	4.52E-05	2.94E-06	0.000225
SpM12_ChORF281-7_s_at	-	<i>SpyoM12_ChORF_281_7</i>	Unknown	Hypothetical protein	Unknown	-	-	17.43	-2.76	20.69	-10.27	0.0004976	1.12E-05	0.0389845	0.009935
SpM1_ChORF0796_s_at	-	<i>spy0796</i>	Unknown	Hypothetical protein	Unknown	-	-	16.98	-10.69	-88.90	-25.98	1.27E-10	7.91E-06	0.0105194	0.002998
SpM1_ChORF1285_s_at	-	<i>spy1285</i>	RNA metabolism	Transcription regulation		-	-	16.26	174.69	225.00	176.08	3.00E-15	7.91E-06	2.45E-15	0.000225
SpM1_ChORF0315_s_at	-	<i>spy0315</i>	Unknown	Hypothetical protein	Unknown	-	-	16.19	-2.07	-3.04	-11.73	6.87E-08	7.91E-06	1.31E-09	0.000225
SpM1_ChORF0141_s_at	<i>atoD.2</i>	<i>spy0141</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	15.81	37.10	40.06	5.27	3.40E-08	7.91E-06	0.5366058	0.107636
SpM1_ChORF0519_s_at	-	<i>spy0519</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	15.63	26.64	18.28	-10.25	0.0180649	0.000229	0.0939194	0.022137
M12_1770_at	-	<i>M12_1770</i>	Phage	Phage proteins		-	-	15.58	-6.93	25.13	-22.50	0.0245989	0.00031	0.0037939	0.001167
SpM1_ChORF1034_s_at	<i>cobQ</i>	<i>spy1034</i>	Cofactors			-	-	15.50	-67.22	-85.41	-47.78	5.84E-18	7.91E-06	4.05E-10	0.000225
SpM12_ChORF299-39_s_at	-	<i>SpyoM12_ChORF_299_39</i>	Unknown	Hypothetical protein	Unknown	-	-	15.26	-41.19	-16.24	-30.64	1.19E-05	7.91E-06	7.38E-05	0.000225
SpM12_ChORF299-6_s_at	-	<i>SpyoM12_ChORF_299_6</i>	Unknown	Hypothetical protein	Unknown	-	-	15.14	-17.63	5.42	8.05	0.0009721	1.56E-05	0.2056543	0.045227
SpM1_ChORF1658_s_at	-	<i>spy1657</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	14.89	-113.24	-116.28	116.00	4.04E-05	7.95E-06	5.60E-06	0.000225
SpM1_ChORF1326_s_at	-	<i>spy1326</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	14.87	33.75	56.61	25.20	0.0003096	9.63E-06	0.0054682	0.001637
SpM12_ChORF218-7_s_at	-	<i>SpyoM12_ChORF_218_7</i>	Unknown	Hypothetical protein	Unknown	-	-	14.85	1.50	-2.42	-17.12	0.0651706	0.000795	0.00088	0.000367
SpM1_ChORF1123_s_at	<i>prs</i>	<i>spy1123</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	-	14.67	-159.86	-300.34	22.73	2.51E-10	7.91E-06	0.974649	0.17828
SpM1_ChORF1994_s_at	-	<i>spy1994</i>	RNA metabolism	Transcription regulation		-	-	14.21	-11.88	40.65	-42.18	0.0003496	9.95E-06	2.14E-06	0.000225
SpM18_ChORF0202_s_at	-	<i>spyM18_0202</i>	Unknown	Hypothetical protein	Unknown	Essential	-	14.20	2.97	-0.96	-1.70	1.09E-06	7.91E-06	0.001321	0.000478
SpM1_ChORF1087_s_at	<i>srtG</i>	<i>spy1087</i>	Virulence	Virulence interacting proteins	Lantibiotic, Quorum sensing	Essential	Essential	14.16	-6.66	-55.61	-13.73	5.59E-08	7.91E-06	0.0538101	0.013336
SpM18_ChORF0148_s_at	<i>msmRL</i>	<i>spyM18_0148</i>	Carbohydrate metabolism	Bioenergetics	Unknown	-	-	14.01	23.59	65.58	5.55	2.22E-07	7.91E-06	0.5226277	0.105253
SpM18_ChORF1800_at	-	<i>spyM18_1800</i>	Phage	Phage proteins		-	-	13.90	-4.52	18.11	-88.85	0.4708725	0.005412	1.40E-14	0.000225
SpM1_ChORF0104_s_at	-	<i>spy0104</i>	Membrane transport	Membrane transport	Quorum sensing membrane transport	-	-	13.67	-18.16	1.57	1.08	1.57E-14	7.91E-06	0.1079974	0.025052
SpM12_ChORF299-40_at	-	<i>SpyoM12_ChORF_299_40</i>	Unknown	Hypothetical protein	Unknown	-	-	13.64	-24.41	-6.71	-24.61	0.0007805	1.37E-05	0.0001905	0.000236
SpM5_ChORF270b-557_at	-	<i>SpyoM5_ChORF_270b10.p1t_557</i>	Unknown	Hypothetical protein	Unknown	-	-	13.57	-7.74	-11.47	28.31	0.0084945	0.00011	1.87E-06	0.000225
SpM1_ChORF0112_s_at	<i>proC</i>	<i>spy0112</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	Essential	-	13.36	-16.20	-2.60	-259.81	0.7930751	0.009072	5.57E-21	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM12_ChORF236-4_s_at	-	<i>SpyoM12_ChORF_236_4</i>	Unknown	Hypothetical protein	Unknown	-	-	13.32	-5.44	-4.70	-16.15	7.00E-06	7.91E-06	2.29E-09	0.000225
SpM1_ChORF2089_s_at	<i>hutH</i>	<i>spy2089</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	13.28	21.29	204.12	20.41	1.49E-13	7.91E-06	0.1049832	0.024449
SpM12_ChORF289-13_s_at	-	<i>SpyoM12_ChORF_289_13</i>	Unknown	Hypothetical protein	Unknown	-	-	13.13	-32.07	-11.09	3.61	0.0026996	3.62E-05	0.5234354	0.105295
SpM1_ChORF1593_s_at	-	<i>spy1593</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	13.03	56.00	205.41	108.63	3.58E-11	7.91E-06	7.90E-09	0.000225
SpM1_ChORF2121_s_at	<i>mutL</i>	<i>spy2121</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	12.87	5.13	-71.95	-89.39	1.81E-07	7.91E-06	1.30E-11	0.000225
SpM1_ChORF1591_s_at	-	<i>spy1591</i>	Unknown	Hypothetical protein	Unknown	-	-	12.67	60.18	330.31	140.96	7.63E-17	7.91E-06	3.95E-11	0.000225
SpM5_ChORF270b-141_at	-	<i>SpyoM5_ChORF_270b10.p1t_141</i>	Unknown	Hypothetical protein	Unknown	-	-	12.29	15.27	-4.62	7.19	0.021866	0.000276	0.2204842	0.048067
SpM1_ChORF1796_s_at	<i>shp</i>	<i>spy1796</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	12.24	-54.49	-95.10	-80.28	2.60E-16	7.91E-06	2.72E-15	0.000225
SpM49_ChORF7585-30_at	-	<i>SpyoM49_ChORF_sp001_0_7585_30</i>	Unknown	Hypothetical protein	Unknown	-	-	11.98	-2.05	13.40	-18.11	0.0215018	0.000272	1.13E-05	0.000225
SpM1_ChORF2084_s_at	-	<i>spy2084</i>	Nucleotides	Nucleotides metabolism	Purine salvage	-	-	11.97	21.95	184.14	22.98	1.06E-17	7.91E-06	0.0033205	0.001035
SpM1_ChORF1144_s_at	-	<i>spy1144</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	11.78	-32.00	-110.05	-10.44	1.14E-15	7.91E-06	0.5773794	0.114572
SpM1_ChORF1086_s_at	<i>srtE</i>	<i>spy1086</i>	Virulence	Virulence interacting proteins	Lantibiotic, Quorum sensing	Essential	-	11.78	-11.41	-13.92	-15.79	1.92E-06	7.91E-06	0.000139	0.00023
SpM1_ChORF1437_s_at	-	<i>spy1437</i>	Phage	Phage proteins		-	-	11.69	38.78	33.29	128.18	0.0156692	0.0002	3.10E-18	0.000225
SpM1_ChORF1700_s_at	-	<i>spy1700</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	11.66	-27.00	-47.61	-37.25	1.42E-05	7.91E-06	2.98E-06	0.000225
SpM12_ChORF299-43_at	-	<i>SpyoM12_ChORF_299_43</i>	Unknown	Hypothetical protein	Unknown	Essential	-	11.49	-28.71	-2.21	-15.62	1.52E-06	7.91E-06	0.0005746	0.000303
SpM1_ChORF0549_s_at	-	<i>spy0549</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	11.45	-16.54	-16.48	-3.56	6.10E-14	7.91E-06	1.50E-14	0.000225
SpM5_ChORFJ7578C-203_	-	<i>SpyoM5_ChORF_J7578C.e05.s1c_203</i>	Unknown	Hypothetical protein	Unknown	-	-	11.39	25.82	12.38	23.04	0.0430128	0.000533	0.0004052	0.000271
SpM1_ChORF1181_s_at	-	<i>spy1181</i>	Unknown	Hypothetical protein	Unknown	-	-	11.35	0.02	10.99	-5.85	1.37E-05	7.91E-06	0.0022962	0.000747
SpM18_ChORF1359_at	-	<i>spyM18_1359</i>	Unknown	Hypothetical protein	Unknown	-	-	11.33	2.33	29.46	23.24	0.1392763	0.001656	0.0209296	0.005689
SpM1_ChORF0952_at	-	<i>spy0952</i>	Phage	Phage proteins	Hypothetical cytosolic protein	-	-	11.31	30.12	15.80	25.09	0.0024489	3.30E-05	2.51E-05	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1714_s_at	<i>copZ</i>	<i>spy1714</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	11.29	330.62	680.48	288.71	1.93E-23	7.91E-06	4.01E-14	0.000225
SpM1_ChORF1683_s_at	<i>glpO</i>	<i>spy1683</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	11.18	108.10	443.57	171.56	3.33E-23	7.91E-06	3.49E-13	0.000225
SpM1_ChORF1478_s_at	-	<i>spy1478</i>	Phage	Phage proteins		-	-	11.03	26.36	10.32	20.37	0.0421655	0.000523	0.0014746	0.000517
SpM3_ChORF1136_s_at	-	<i>SpyM3_1136</i>	Unknown	Hypothetical protein	Unknown	-	-	10.76	19.62	7.21	22.11	0.2041103	0.002399	0.0007895	0.000347
SpM1_ChORF0957_s_at	-	<i>spy0957</i>	Phage	Phage proteins	Hypothetical cytosolic protein	-	-	10.74	27.54	13.92	21.16	0.0323516	0.000404	0.0010043	0.000396
SpM18_ChORF1787_at	-	<i>spyM18_1787</i>	Phage	Phage proteins		-	-	10.74	1.23	15.98	-34.70	0.0348741	0.000434	1.69E-12	0.000225
SpM18_ChORF1498_x_at	-	<i>spyM18_1498</i>	Phage	Phage proteins		-	-	10.45	30.20	18.48	23.96	0.0030083	4.01E-05	9.05E-05	0.000226
SpM1_ChORF2031_s_at	-	<i>spy2031</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	10.22	143.68	211.92	-48.40	1.32E-14	7.91E-06	0.002611	0.000833
M12_0889_at	-	<i>M12_0889</i>	Unknown	Hypothetical protein	Unknown	-	-	10.17	-0.10	6.67	-4.23	0.0031092	4.14E-05	0.0399274	0.010138
SpM1_ChORF2118_s_at	<i>tag</i>	<i>spy2118</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	10.16	-16.26	-63.91	-85.27	1.51E-09	7.91E-06	2.20E-16	0.000225
SpM1_ChORF2091_s_at	-	<i>spy2091</i>	RNA metabolism	Transcription regulation		-	-	10.13	126.90	95.57	49.73	1.08E-09	7.91E-06	5.69E-05	0.000225
SpM18_ChORF1340_at	<i>int</i>	<i>spyM18_1340</i>	Unknown	Hypothetical protein	Unknown	-	-	10.12	-48.16	-45.95	-47.54	0.0001159	8.35E-06	0.0001213	0.000229
SpM1_ChORF0475_s_at	<i>dgk</i>	<i>spy0475</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	10.06	-42.56	-91.36	-27.19	1.24E-15	7.91E-06	0.0003191	0.000256
SpM12_ChORF299-46_at	-	<i>SpyoM12_ChORF_299_46</i>	Unknown	Hypothetical protein	Unknown	-	-	9.97	-38.70	-12.21	-31.55	1.28E-05	7.91E-06	7.64E-06	0.000225
SpM18_ChORF1133_s_at	-	<i>spyM18_1133</i>	Unknown	Hypothetical protein	Unknown	-	-	9.92	-1.19	-2.16	-12.12	0.0001518	8.54E-06	0.0002606	0.000246
SpM12_ChORF221-3_s_at	-	<i>SpyoM12_ChORF_221_3</i>	Unknown	Hypothetical protein	Unknown	-	-	9.75	-27.28	-6.65	15.51	0.0050002	6.56E-05	0.0510008	0.012695
SpM1_ChORF2051_s_at	-	<i>spy2051</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	9.58	64.32	61.46	-4.72	0.0004305	1.06E-05	0.4969466	0.100658
SpM1_ChORF0615_s_at	<i>murN</i>	<i>spy0615</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	9.38	-95.01	-362.45	-158.46	3.15E-17	7.91E-06	1.34E-08	0.000225
SpM1_ChORF1169_s_at	-	<i>spy1169</i>	Unknown	Hypothetical protein	Unknown	-	-	9.35	-7.92	-7.91	-8.59	0.0006169	1.22E-05	0.0067375	0.001995
SpM5_ChORFJ7578C-323_	-	<i>SpyoM5_ChORF_J7578C_e05.s1c_323</i>	Unknown	Hypothetical protein	Unknown	-	-	9.18	-1.79	-1.77	-1.16	0.0100174	0.000129	0.4460681	0.091513
SpM1_ChORF0199_s_at	-	<i>spy0199</i>	Mobile Genetic Element	Mobile Genetic Element	IS Element-associated ORF	-	-	9.17	-1.46	1.63	0.36	1.53E-06	7.91E-06	7.94E-05	0.000225
SpM12_ChORF272-9_s_at	-	<i>SpyoM12_ChORF_272_9</i>	Unknown	Hypothetical protein	Unknown	-	-	9.12	178.95	414.92	64.25	5.00E-18	7.91E-06	0.0042334	0.001296

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF1292_s_at	<i>malM</i>	<i>spy1292</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	9.06	144.95	103.03	-37.34	5.73E-07	7.91E-06	0.0574318	0.014164
SpM18_ChORF2254_s_at	-	<i>spyM18_2254</i>	Mobile Genetic Element	Mobile Genetic Element	Transposase	-	-	8.80	3.98	7.64	1.62	1.32E-05	7.91E-06	2.19E-05	0.000225
SpM1_ChORF0716_s_at	<i>agaS</i>	<i>spy0716</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	8.80	126.39	-4.81	626.61	0.0038653	5.12E-05	1.94E-43	0.000225
SpM1_ChORF1046_s_at	-	<i>spy1046</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	Essential	Essential	8.79	24.26	49.02	-12.60	0.0001976	8.85E-06	0.0539079	0.013351
SpM1_ChORF1220_s_at	-	<i>spy1220</i>	Unknown	Hypothetical protein	Unknown	-	-	8.74	256.37	64.29	61.41	4.71E-06	7.91E-06	0.064957	0.015831
SpM1_ChORF0137_s_at	<i>atoE</i>	<i>spy0137</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	8.69	12.54	21.48	-1.61	0.3451514	0.003979	0.9012879	0.166529
SpM1_ChORF0555_s_at	-	<i>spy0555</i>	Phage	Phage proteins		-	-	8.60	-0.20	3.44	-1.79	0.0154502	0.000197	0.3244252	0.068394
SpM1_ChORF0544_s_at	-	<i>spy0544</i>	Unknown	Hypothetical protein	Unknown	-	-	8.44	-18.27	-18.16	-2.07	3.10E-13	7.91E-06	7.70E-13	0.000225
SpM1_ChORF0870_s_at	<i>fms</i>	<i>spy0870</i>	Protein synthesis	Protein folding & modification	Protein modification	-	-	8.19	20.35	39.62	204.32	0.1445368	0.001714	1.24E-20	0.000225
SpM1_ChORF0505_s_at	-	<i>spy0505</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	8.16	-24.81	79.75	-10.93	1.69E-05	7.91E-06	0.860671	0.160373
SpM1_ChORF1580_s_at	-	<i>spy1580</i>	Unknown	Hypothetical protein	Unknown	-	-	7.79	-48.59	-71.10	-14.98	4.15E-11	7.91E-06	0.024643	0.006606
SpM1_ChORF1566_s_at	-	<i>spy1566</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	7.76	64.27	62.06	77.87	0.0004857	1.11E-05	3.15E-07	0.000225
SpM5_ChORF4P31a-86_s_at	-	<i>SpyoM5_Chr ORF_4P31a0 1.w2c2309_86</i>	Unknown	Hypothetical protein	Unknown	-	-	7.72	-49.32	7.53	-18.18	0.0001181	8.35E-06	0.1376257	0.031163
SpM5_ChORF4P31a-8_s_at	-	<i>SpyoM5_Chr ORF_4P31a0 1.w2c2309_8</i>	Unknown	Hypothetical protein	Unknown	-	-	7.64	4.95	1.12	-0.23	0.0003336	9.82E-06	0.0742271	0.017794
SpM1_ChORF0953_s_at	-	<i>spy0953</i>	Phage	Phage proteins		-	-	7.54	18.89	1.51	25.56	0.1599943	0.001893	5.07E-05	0.000225
SpM1_ChORF1944_s_at	<i>cysE</i>	<i>spy1944</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	-	-	7.49	-95.49	-473.75	-335.52	4.81E-08	7.91E-06	8.21E-07	0.000225
SpM1_ChORF1344_s_at	-	<i>spy1344</i>	Unknown	Hypothetical protein	Unknown	-	-	7.45	-21.63	17.30	25.03	0.0194664	0.000247	0.010981	0.003115
SpM3_ChORF0181_s_at	<i>cbp</i>	<i>SpyM3_0181</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	7.35	565.38	1020.95	520.47	2.60E-17	7.91E-06	7.51E-12	0.000225
SpM1_ChORF1324_s_at	-	<i>spy1324</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	7.27	17.46	53.55	3.64	0.0002186	8.99E-06	0.6011651	0.118756
SpM1_ChORF0133_at	-	<i>spy0133</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	7.16	38.35	118.66	188.65	2.70E-12	7.91E-06	5.95E-28	0.000225
SpM1_ChORF1484_s_at	<i>xis</i>	<i>spy1484</i>	Phage	Phage proteins		-	-	7.07	13.83	2.99	14.15	0.1050256	0.001262	0.0006284	0.000313
SpM1_ChORF1557_s_at	<i>msrA</i>	<i>spy1557</i>	Protein synthesis	Protein folding & modification	Protein modification	-	-	7.01	-0.53	-10.01	-21.04	3.21E-12	7.91E-06	8.68E-14	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0629_s_at	<i>agaD</i>	<i>spy0629</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	6.81	42.80	76.29	3.24	2.59E-09	7.91E-06	0.7242196	0.139077
SpM1_ChORF1219_s_at	-	<i>spy1219</i>	Unknown	Hypothetical protein	Unknown	-	-	6.59	269.61	100.35	18.41	2.49E-05	7.91E-06	0.6286408	0.123351
SpM1_ChORF1642_s_at	<i>luxS</i>	<i>spy1642</i>	RNA metabolism	Transcription regulation		-	-	6.54	28.79	1.74	20.39	0.5717424	0.006557	0.1985123	0.043848
SpM1_ChORF1453_s_at	-	<i>spy1453</i>	Phage	Phage proteins	Phage structural proteins	-	-	6.36	-1.97	-0.21	-4.45	0.007058	9.17E-05	0.0027007	0.000858
SpM1_ChORF1075_at	-	<i>spy1075</i>	Mobile Genetic Element	Mobile Genetic Element	Transposase	-	-	6.21	-0.19	12.13	-2.08	0.0065951	8.58E-05	0.2935839	0.062303
SpM3_ChORF0967_at	-	<i>SpyM3_0967</i>	Unknown	Hypothetical protein	Unknown	-	-	6.18	22.26	17.46	23.18	9.46E-05	8.21E-06	1.54E-06	0.000225
SpM1_ChORF1596_s_at	-	<i>spy1596</i>	RNA metabolism	Transcription regulation		-	-	6.17	-0.60	0.21	0.44	0.012793	0.000164	0.5212126	0.105088
SpM1_ChORF1662_s_at	-	<i>spy1659</i>	Stress adaptation	Cold shock proteins	Cold shock proteins	-	-	6.13	-48.53	-33.32	-116.90	0.0227812	0.000287	4.19E-11	0.000225
SpM1_ChORF0135_at	-	<i>spy0135</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	6.01	0.07	0.69	0.86	0.0718319	0.000871	0.5240175	0.105352
SpM1_ChORF1255_s_at	-	<i>spy1255</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	Essential	-	5.98	-11.22	6.57	28.89	0.1683658	0.001991	0.0001927	0.000236
SpM12_ChORF286-28_s_at	-	<i>SpyoM12_ChORF_286_28</i>	Unknown	Hypothetical protein	Unknown	-	-	5.97	-0.10	6.93	-0.24	0.0023704	3.20E-05	0.0310086	0.008114
SpM1_ChORF1768_s_at	-	<i>spy1768</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	5.88	81.70	228.92	-32.64	1.40E-12	7.91E-06	0.2248779	0.048934
SpM12_ChORF299-4_at	-	<i>SpyoM12_ChORF_299_4</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	5.87	-3.62	-3.82	2.27	0.0379499	0.000472	0.4700686	0.095655
SpM1_ChORF1208_s_at	-	<i>spy1208</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	5.84	-3.58	-0.11	4.35	1.12E-06	7.91E-06	0.0013626	0.000487
SpM18_ChORF1493_at	-	<i>spyM18_1493</i>	Phage	Phage proteins		-	-	5.69	29.54	20.57	21.80	0.0054576	7.14E-05	0.0006148	0.000311
SpM3_ChORF0341_s_at	-	<i>SpyM3_0341</i>	Unknown	Hypothetical protein	Unknown	-	-	5.67	23.35	30.53	-33.54	0.0430707	0.000533	2.30E-06	0.000225
SpM1_ChORF1615_s_at	<i>comFC</i>	<i>spy1615</i>	Membrane transport	Membrane transport	Quorum sensing membrane transport	-	-	5.60	1.00	4.74	0.19	0.0012421	1.85E-05	0.0713207	0.017214
SpM1_ChORF0236_s_at	<i>sms</i>	<i>spy0236</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	5.40	-103.77	-115.49	-13.41	7.47E-10	7.91E-06	0.2022905	0.044599
SpM12_ChORF278-26_s_at	-	<i>SpyoM12_ChORF_278_26</i>	Unknown	Hypothetical protein	Unknown	-	-	5.38	17.28	5.03	19.57	0.3397843	0.003928	0.0025446	0.000817
SpM49_ChORF903-3_s_at	-	<i>SpyoM49_ChORF_sp001_0_903_3</i>	Unknown	Hypothetical protein	Unknown	-	-	5.35	-12.13	7.17	39.47	0.3493401	0.004025	0.0002264	0.000241

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0768_s_at	<i>pheS</i>	<i>spy0768</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	5.27	-41.82	-22.66	-54.14	1.35E-06	7.91E-06	2.65E-13	0.000225
SpM1_ChORF0258_s_at	-	<i>spy0258</i>	Carbohydrate metabolism			-	-	4.86	115.40	625.14	124.60	2.39E-18	7.91E-06	3.65E-05	0.000225
SpM49_ChORF7585-10_s_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_10</i>	Unknown	Hypothetical protein	Unknown	-	-	4.81	20.53	4.28	19.22	0.1438172	0.001707	0.002066	0.000682
SpM12_ChORF299-9_at	-	<i>SpyoM12_Chr ORF_299_9</i>	Unknown	Hypothetical protein	Unknown	Essential	-	4.80	-3.19	-0.78	3.63	0.002966	3.96E-05	0.0133322	0.003733
M12_1466_s_at	-	<i>M12_1466</i>	Unknown	Hypothetical protein	Unknown	-	-	4.75	-15.11	-7.22	-40.84	0.0093037	0.00012	7.91E-12	0.000225
SpM1_ChORF1283_s_at	<i>pfk</i>	<i>spy1283</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	-	4.67	-1066.65	-1087.29	7.35	6.37E-23	7.91E-06	0.9451425	0.17381
SpM18_ChORF1329_s_at	-	<i>spyM18_1329</i>	Unknown	Hypothetical protein	Unknown	-	-	4.48	13.65	40.50	-5.25	0.0005873	1.20E-05	0.3460952	0.072657
SpM1_ChORF0947_s_at	-	<i>spy0947</i>	Phage	Phage proteins		Essential	-	4.36	25.98	21.60	23.16	6.71E-05	8.07E-06	1.29E-06	0.000225
SpM1_ChORF1325_s_at	-	<i>spy1325</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	4.36	57.27	136.09	44.65	1.14E-13	7.91E-06	1.89E-05	0.000225
SpM1_ChORF1328_s_at	<i>bgIA.2</i>	<i>spy1328</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	4.35	31.64	41.05	34.93	0.0178315	0.000227	0.0005249	0.000294
SpM1_ChORF0289_s_at	<i>nifU, yurV</i>	<i>spy0289</i>	Cofactors	Fe-sulfate cluster	Fe-sulfate cluster biosynthesis	-	-	4.27	-218.38	-361.15	-167.86	1.00E-22	7.91E-06	2.61E-11	0.000225
SpM1_ChORF2088_s_at	-	<i>spy2088</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	4.25	21.51	182.37	21.75	1.32E-12	7.91E-06	0.0597611	0.014676
SpM12_ChORF299-19_s_at	-	<i>SpyoM12_Chr ORF_299_19</i>	Unknown	Hypothetical protein	Unknown	-	-	3.86	24.10	10.74	1.07	0.0256998	0.000323	0.8459786	0.158139
SpM18_ChORF0547_s_at	<i>silD</i>	<i>spyM18_0547</i>	Virulence	Virulence interacting proteins	Lantibiotic, Quorum sensing	-	-	3.57	24.30	35.46	-34.53	0.0229766	0.00029	8.61E-06	0.000225
SpM1_ChORF0150_s_at	<i>ntpE</i>	<i>spy0150</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	3.27	22.28	41.89	7.56	0.0002563	9.25E-06	0.2913837	0.061948
SpM1_ChORF0176_s_at	-	<i>spy0176</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	3.12	1838.07	2640.73	614.32	1.77E-32	7.91E-06	6.06E-10	0.000225
SpM18_ChORF0736_s_at	-	<i>spyM18_0736</i>	Phage	Phage proteins		-	-	3.06	-3.47	9.84	-13.00	0.0622907	0.000762	0.0006083	0.000309
SpM1_ChORF1610_s_at	-	<i>spy1610</i>	Unknown	Hypothetical protein	Unknown	-	-	2.97	9.41	21.34	10.57	2.07E-07	7.91E-06	0.0001713	0.000233
SpM1_ChORF1684_s_at	<i>glpK</i>	<i>spy1684</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	2.95	73.37	257.94	116.56	1.01E-17	7.91E-06	1.05E-10	0.000225
SpM1_ChORF0405_s_at	-	<i>spy0405</i>	Unknown	Hypothetical protein	Unknown	-	-	2.92	41.15	85.86	-23.03	3.39E-05	7.93E-06	0.1235424	0.028357
SpM1_ChORF1461_x_at	-	<i>spy1461</i>	Phage	Phage proteins		-	-	2.80	4.20	0.01	0.04	0.0343519	0.000428	0.1006711	0.02357
SpM1_ChORF1947_s_at	-	<i>spy1947</i>	Carbohydrate metabolism	Carbohydrate central metabolism		-	-	2.62	7.17	23.46	-4.53	0.0387258	0.000481	0.2285761	0.049677

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1286_s_at	-	<i>spy1286</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	2.60	220.90	327.83	209.95	1.71E-19	7.91E-06	1.11E-15	0.000225
SpM5_ChORF270b-554_at	-	<i>SpyoM5_Chr ORF_270b10.p1t_554</i>	Unknown	Hypothetical protein	Unknown	-	-	2.53	13.69	9.08	-15.44	0.0699391	0.000851	0.0005095	0.000291
SpM12_ChORF295-23_s_at	-	<i>spy0255</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	2.51	99.14	251.16	72.25	2.09E-12	7.91E-06	0.0002101	0.000238
SpM49_ChORF7585-2_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_2</i>	Unknown	Hypothetical protein	Unknown	-	-	2.37	14.45	12.50	-12.10	0.0151337	0.000193	0.0060584	0.001803
SpM3_ChORF1118_s_at	-	<i>SpyM3_1118</i>	Unknown	Hypothetical protein	Unknown	-	-	2.36	17.88	9.17	3.44	0.0204253	0.000258	0.3555137	0.074501
SpM1_ChORF1673_at	<i>proB</i>	<i>spy1672</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	-	-	2.20	211.67	382.34	-179.30	1.33E-08	7.91E-06	7.82E-05	0.000225
SpM1_ChORF1066_at	-	<i>spy1066</i>	Unknown	Cytosolic Protein	Unknown	-	-	2.08	25.63	23.34	-121.01	0.1189279	0.001421	3.42E-18	0.000225
SpM49_ChORF7585-6_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_6</i>	Unknown	Hypothetical protein	Unknown	-	-	2.07	2.02	4.43	-1.94	0.0074746	9.70E-05	0.0035188	0.001091
SpM18_ChORF2020_at	<i>salK</i>	<i>spyM18_2020</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	1.90	28.83	24.78	12.55	9.67E-06	7.91E-06	0.0055319	0.001653
SpM12_ChORF299-8_s_at	-	<i>SpyoM12_Chr ORF_299_8</i>	Unknown	Hypothetical protein	Unknown	-	-	1.78	-0.42	1.74	0.51	0.0816234	0.000986	0.0252194	0.006741
SpM1_ChORF2190_s_at	<i>sdhA</i>	<i>spy2190</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	1.70	330.24	272.46	112.09	1.35E-33	7.91E-06	1.45E-15	0.000225
SpM49_ChORF7585-19_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_19</i>	Unknown	Hypothetical protein	Unknown	-	-	1.67	-0.07	0.15	-5.82	0.8423839	0.009631	1.14E-05	0.000225
SpM1_ChORF0431_at	-	<i>spy0431</i>	Unknown	Hypothetical protein	Unknown	-	-	1.65	22.17	24.44	1.39	1.77E-09	7.91E-06	0.6224434	0.122409
SpyM3_1439_at	-	<i>SpyM3_1439</i>	Phage	Phage proteins		-	-	1.49	21.25	7.46	15.06	0.138702	0.00165	0.0111727	0.003159
SpM18_ChORF1209_x_at	-	<i>spyM18_1209</i>	Unknown	Hypothetical protein	Unknown	-	-	1.46	11.13	15.85	-0.09	4.31E-05	7.96E-06	0.996685	0.18205
SpM12_ChORF226-4_at	-	<i>SpyoM12_Chr ORF_226_4</i>	Unknown	Hypothetical protein	Unknown	-	-	1.42	18.88	29.19	14.06	6.97E-07	7.91E-06	5.57E-05	0.000225
SpM12_ChORF299-42_at	-	<i>SpyoM12_Chr ORF_299_42</i>	Unknown	Hypothetical protein	Unknown	-	-	1.18	-42.82	-6.28	-26.70	3.21E-07	7.91E-06	1.29E-05	0.000225
SpM1_ChORF0876_s_at	<i>mvaK1</i>	<i>spy0876</i>	Lipid metabolism	Isoprenoids	Isoprenoid biosynthesis	-	-	1.17	-69.70	13.06	-32.94	0.0008564	1.45E-05	0.0275132	0.00727
SpM5_ChORF125g-189_s_at	-	<i>SpyoM12_Chr ORF_291_35</i>	Unknown	Hypothetical protein	Unknown	-	-	1.11	-62.58	-93.57	-31.60	8.60E-13	7.91E-06	0.0005338	0.000295
M12_1772_x_at	-	<i>M12_1772</i>	Unknown	Hypothetical protein	Unknown	-	-	1.11	-6.35	3.92	-17.04	0.3433027	0.003962	0.0001707	0.000233
SpM1_ChORF1375_s_at	<i>nrdE.2</i>	<i>spy1375</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	1.05	-309.77	-406.97	-301.23	7.96E-24	7.91E-06	1.12E-20	0.000225
SpM1_ChORF2087_s_at	-	<i>spy2087</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	1.04	23.48	260.76	31.10	6.15E-15	7.91E-06	0.0256051	0.006838

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0604_s_at	-	<i>spy0604</i>	Unknown	Hypothetical protein	Unknown	-	-	0.92	-187.81	-206.32	-79.51	1.52E-11	7.91E-06	0.0002474	0.000244
SpM1_ChORF0256_s_at	-	<i>spy0256</i>	Unknown	Hypothetical protein	Unknown	-	-	0.87	79.49	250.70	60.05	5.02E-13	7.91E-06	0.0006903	0.000325
SpM12_ChORF299-38_at	-	<i>SpyoM12_Chr ORF_299_38</i>	Unknown	Hypothetical protein	Unknown	Essential	-	0.80	11.92	2.68	10.92	0.5233878	0.006006	0.0110761	0.003139
SpM49_ChORF7585-3_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_3</i>	Unknown	Hypothetical protein	Unknown	-	-	0.74	6.76	-0.01	0.02	0.0353683	0.00044	0.799628	0.151508
SpM1_ChORF1346_s_at	-	<i>spy1346</i>	RNA metabolism	RNA modification	RNA modification	-	-	0.64	0.57	-1.63	122.38	0.9541713	0.010886	2.00E-24	0.000225
SpM1_ChORF1471_x_at	-	<i>spy1471</i>	Phage	Phage proteins		-	-	0.60	20.01	6.35	19.75	0.1259589	0.001503	0.001264	0.000462
SpM49_ChORF7585-32_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_32</i>	Unknown	Hypothetical protein	Unknown	-	-	0.55	-5.08	5.18	-5.06	1.33E-05	7.91E-06	3.41E-05	0.000225
SpM49_ChORF7585-9_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_9</i>	Unknown	Hypothetical protein	Unknown	-	-	0.52	12.37	10.08	-4.19	0.0052368	6.86E-05	0.1939098	0.042967
SpM12_ChORF299-47_s_at	-	<i>SpyoM12_Chr ORF_299_47</i>	Unknown	Hypothetical protein	Unknown	-	-	0.47	1.00	-0.09	0.18	0.3433077	0.003962	0.0001933	0.000236
SpM12_ChORF299-1_at	-	<i>SpyoM12_Chr ORF_299_1</i>	Unknown	Hypothetical protein	Unknown	-	-	0.47	-3.04	-0.11	2.35	0.005162	6.76E-05	0.0025802	0.000826
SpM12_ChORF299-45_s_at	-	<i>SpyoM12_Chr ORF_299_45</i>	Unknown	Hypothetical protein	Unknown	-	-	0.41	-34.60	-25.70	-19.25	0.0018117	2.51E-05	0.018167	0.005007
SpM18_ChORF1798_at	-	<i>spyM18_1798</i>	Phage	Phage proteins		-	-	0.37	-0.96	4.28	-18.21	0.5802431	0.006651	3.44E-14	0.000225
SpM5_ChORF270b-6_at	-	<i>SpyoM5_Chr ORF_270b10.p1t_6</i>	Unknown	Hypothetical protein	Unknown	-	-	0.27	1.30	36.15	-83.39	0.0462955	0.000572	7.83E-14	0.000225
SpM12_ChORF175-2_s_at	-	<i>SpyoM12_Chr ORF_175_2</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	0.26	15.54	9.95	4.78	0.0005977	1.21E-05	0.1764215	0.039265
SpM1_ChORF1816_s_at	<i>scrB</i>	<i>spy1816</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	0.20	-59.13	-71.52	15.85	1.88E-13	7.91E-06	0.0367399	0.009431
SpM1_ChORF1479_s_at	-	<i>spy1479</i>	Phage	Phage proteins		-	-	0.08	14.99	1.40	17.05	0.3151156	0.003644	0.0043879	0.001338
SpM1_ChORF0149_s_at	<i>ntpK</i>	<i>spy0149</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	0.06	6.23	13.65	1.08	0.0058862	7.67E-05	0.7343085	0.140784
M12_1752_at	-	<i>M12_1752</i>	Unknown	Hypothetical protein	Unknown	-	-	0.02	2.97	2.19	4.29	0.3408272	0.003938	0.0003586	0.000262
SpM1_ChORF1084_at	<i>srtT</i>	<i>spy1084</i>	Membrane transport	Membrane transport	Lantibiotic membrane transport	-	-	0.01	10.57	12.97	10.71	0.0012288	1.84E-05	8.06E-05	0.000225
SpM18_ChORF1794_s_at	-	<i>spyM18_1794</i>	Phage	Phage proteins		Essential	Essential	0.00	-6.11	33.81	-68.44	0.0322735	0.000404	1.09E-12	0.000225
SpM49_ChORF7585-4_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_4</i>	Unknown	Hypothetical protein	Unknown	-	-	-0.04	20.67	17.66	-10.01	0.0048786	6.41E-05	0.0721586	0.017369
SpM5_ChORF270b-343_at	-	<i>SpyoM5_Chr ORF_270b10.p1t_343</i>	Unknown	Hypothetical protein	Unknown	-	-	-0.05	8.81	-1.01	8.37	0.2468236	0.002882	0.0071807	0.002115
SpM1_ChORF1462_x_at	-	<i>spy1462</i>	Phage	Phage proteins		-	-	-0.05	17.35	5.21	4.35	0.0697012	0.000849	0.3374306	0.07105

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SpM1_ChORF1127_s_at	-	<i>spy1127</i>	Unknown	Hypothetical protein	Unknown	-	-	-0.13	-52.30	-26.83	-70.21	3.84E-10	7.91E-06	1.96E-20	0.000225
SpM18_ChORF1797_s_at	-	<i>spyM18_1797</i>	Phage	Phage proteins		-	-	-0.17	-0.18	0.97	-7.55	0.913278	0.010431	2.94E-12	0.000225
SpM3_ChORF0902_at	-	<i>SpyM3_0902</i>	Unknown	Hypothetical protein	Unknown	-	-	-0.23	14.57	7.83	8.83	0.2677	0.003121	0.1047964	0.024422
SpM49_ChORF7585-8_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_8</i>	Unknown	Hypothetical protein	Unknown	-	-	-0.25	17.92	8.76	-7.37	0.0747352	0.000905	0.195552	0.043249
SpM12_ChORF299-2_x_at	-	<i>SpyoM12_Chr ORF_299_2</i>	Unknown	Hypothetical protein	Unknown	-	-	-0.28	-4.32	-1.53	1.48	0.0018499	2.56E-05	0.1563401	0.03504
SpM1_ChORF2052_s_at	-	<i>spy2052</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-0.39	96.72	94.70	-18.21	3.55E-11	7.91E-06	0.058754	0.014439
SpM12_ChORF299-10_at	-	<i>SpyoM12_Chr ORF_299_10</i>	Unknown	Hypothetical protein	Unknown	-	-	-0.40	14.26	13.68	-1.49	0.0010421	1.63E-05	0.7708489	0.146531
SpM1_ChORF1912_s_at	<i>salX</i>	<i>spy1912</i>	Membrane transport	Membrane transport	Lantibiotic membrane transport	-	-	-0.40	-32.53	-22.01	-10.29	2.05E-05	7.91E-06	0.0454305	0.011406
SpM1_ChORF2050_at	-	<i>spy2050</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-0.65	14.48	8.56	-2.87	0.0006031	1.21E-05	0.1435451	0.03242
SpM1_ChORF1362_s_at	<i>birA</i>	<i>spy1362</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-0.67	-200.90	-245.34	9.73	8.68E-20	7.91E-06	0.7236071	0.13905
SpM1_ChORF0837_s_at	-	<i>spy0837</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-0.67	207.04	78.54	-17.25	1.43E-10	7.91E-06	0.3395365	0.071408
SpM1_ChORF0135_s_at	-	<i>SpyoM12_Chr ORF_300_51</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	-0.75	7.12	5.52	2.38	0.0050281	6.59E-05	0.4583432	0.093757
SpM1_ChORF0498_s_at	-	<i>spy0498</i>	Cofactors	CoA	CoA biosynthesis	-	-	-0.77	-51.66	-90.09	-54.74	1.58E-21	7.91E-06	6.24E-16	0.000225
SpM1_ChORF0175_s_at	-	<i>spy0175</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-0.84	834.01	1372.04	352.47	6.41E-29	7.91E-06	6.09E-10	0.000225
SpM1_ChORF0630_s_at	<i>agaW</i>	<i>spy0630</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-0.86	15.05	21.70	3.07	0.0028708	3.84E-05	0.4913827	0.099588
M12_0056_at	-	<i>M12_0056</i>	Unknown	Hypothetical protein	Unknown	-	-	-0.92	9.97	0.56	1.64	0.2690132	0.003133	0.7685628	0.146234
SpM1_ChORF0167_s_at	<i>slo</i>	<i>spy0167</i>	Virulence	Virulence interacting proteins	Exotoxin	-	-	-1.06	-67.67	-1112.73	-342.62	1.27E-08	7.91E-06	0.0025627	0.000822
SpM1_ChORF0407_s_at	-	<i>spy0407</i>	Unknown	Hypothetical protein	Unknown	-	-	-1.39	-14.64	-0.46	-28.36	0.7150797	0.008188	0.0107152	0.003047
SpM12_ChORF251-8_at	-	<i>SpyoM12_Chr ORF_251_8</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-1.45	0.33	-0.16	3.13	0.0403348	0.000501	0.0651837	0.015875
SpM1_ChORF1815_s_at	<i>scrA</i>	<i>spy1815</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-1.55	-12.11	41.70	-16.89	1.90E-06	7.91E-06	0.0418789	0.01058
SpM12_ChORF217-5_at	-	<i>SpyoM12_Chr ORF_217_5</i>	Unknown	Hypothetical protein	Unknown	-	-	-1.56	4.88	0.73	4.03	0.1412432	0.001679	0.0238722	0.006419
SpM1_ChORF1972_s_at	<i>pulA</i>	<i>spy1972</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-1.65	256.01	324.69	58.41	3.02E-20	7.91E-06	0.0010416	0.000405

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0140_s_at	-	<i>spy0140</i>	Unknown	Hypothetical protein	Unknown	-	-	-1.66	15.29	2.14	-0.14	1.27E-05	7.91E-06	0.7504081	0.143245
SpM18_ChORF1303_at	-	<i>spyM18_1303</i>	Phage	Phage proteins		-	-	-1.71	-0.66	-2.14	11.44	0.8441622	0.009646	5.10E-10	0.000225
SpM1_ChORF1333_s_at	<i>obg</i>	<i>spy1333</i>	Other	GTP-binding protein	GTP-binding	-	-	-1.75	-212.44	-83.97	-81.34	1.60E-05	7.91E-06	0.0280893	0.007411
SpM1_ChORF1949_s_at	-	<i>spy1949</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-1.76	6.63	32.02	-7.00	0.0608921	0.000746	0.3393361	0.071408
SpM1_ChORF1957_s_at	-	<i>spy1957</i>	Unknown	Hypothetical cytosolic Protein	Unknown	Essential	-	-1.92	2.92	-9.51	9.14	0.4617476	0.00531	0.1301552	0.029663
SpM5_ChORF270b-7_at	-	<i>SpyoM5_Chr ORF_270b10.p1t_7</i>	Unknown	Hypothetical protein	Unknown	-	-	-1.98	-0.34	-1.45	5.72	0.2798915	0.003249	2.34E-11	0.000225
SpM3_ChORF0954_s_at	-	<i>SpyM3_0954</i>	Unknown	Hypothetical protein	Unknown	-	-	-2.03	1.06	-13.85	9.82	0.0908874	0.001097	0.0525003	0.013039
SpM5_ChORF125g-65_x_at	-	<i>SpyoM5_Chr ORF_125g01.q1ch_65</i>	Unknown	Hypothetical protein	Unknown	-	-	-2.09	5.14	2.21	6.18	0.223545	0.00262	0.0183039	0.005041
SpM1_ChORF0677_s_at	-	<i>spy0677</i>	Phage	Phage proteins	Unknown	-	-	-2.10	9.92	-4.49	23.21	0.395091	0.004545	9.23E-06	0.000225
M12_1767_at	-	<i>M12_1767</i>	Phage	Phage proteins		-	-	-2.15	-14.26	6.37	-16.54	0.0328879	0.000411	0.0014403	0.000508
SpM18_ChORF2063_at	-	<i>spyM18_2063</i>	Unknown	Hypothetical protein	Unknown	-	-	-2.20	1.74	15.19	-22.23	0.1378196	0.001641	4.50E-05	0.000225
SpM1_ChORF2085_s_at	<i>rhs.2</i>	<i>spy2085</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-2.44	68.90	441.95	62.95	2.47E-17	7.91E-06	0.0077276	0.002265
SpM12_ChORF291-40_s_at	-	<i>spyM18_2064</i>	Virulence	Virulence interacting proteins	Pyrogenic Toxin Superantigen	-	-	-2.66	2.23	11.63	13.01	9.94E-06	7.91E-06	0.0002002	0.000237
SpM49_ChORF7585-7_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_7</i>	Unknown	Hypothetical protein	Unknown	-	-	-2.73	12.13	2.08	-3.74	0.2165376	0.002542	0.4790801	0.097263
SpM18_ChORF1803_at	-	<i>spyM18_1803</i>	Phage	Phage proteins		-	-	-2.76	2.40	-7.55	25.47	0.359117	0.004136	1.92E-09	0.000225
SpM18_ChORF1591_s_at	-	<i>spyM18_1591</i>	Unknown	Hypothetical protein	Unknown	-	-	-3.05	11.19	-4.19	5.04	0.2560083	0.002988	0.4471291	0.091623
SpM18_ChORF1790_s_at	-	<i>spyM18_1790</i>	Phage	Phage proteins		-	-	-3.08	-1.44	-16.63	10.23	0.0635902	0.000776	0.0615089	0.015084
SpM1_ChORF0685_s_at	-	<i>spy0685</i>	Phage	Phage proteins		-	-	-3.32	9.45	3.36	5.34	0.1052688	0.001264	0.0965748	0.022747
SpM1_ChORF2039_s_at	<i>speB</i>	<i>spy2039</i>	Virulence	Virulence interacting proteins	Exotoxin	-	-	-3.73	-42.52	-18.81	31.43	0.0017553	2.45E-05	0.0007719	0.000343
SpM1_ChORF1077_s_at	-	<i>spy1077</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-4.04	3.49	-11.04	15.46	0.4866963	0.005591	0.0111633	0.003159
SpM1_ChORF0145_s_at	-	<i>spy0145</i>	RNA metabolism	Transcription regulation		-	-	-4.17	-2.36	-3.14	-16.39	0.968818	0.011048	0.0540307	0.013372
SpM3_ChORF0788_s_at	-	<i>spyM18_1090</i>	Unknown	Hypothetical protein	Unknown	-	-	-4.18	-62.73	-83.73	-15.77	2.25E-11	7.91E-06	0.0531249	0.013185

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM18_ChORF1796_s_at	-	<i>spyM18_1796</i>	Phage	Phage proteins		-	-	-4.39	-3.31	53.69	-66.06	1.67E-06	7.91E-06	3.76E-16	0.000225
SpM12_ChORF300-50_s_at	-	<i>SpyoM12_Chr ORF_300_50</i>	Unknown	Hypothetical protein	Unknown	-	-	-4.51	1.95	4.59	3.11	0.0275825	0.000346	0.3094606	0.065435
SpM1_ChORF1456_s_at	-	<i>spy1456</i>	Phage	Phage proteins		-	-	-4.60	-1.90	-4.21	8.08	0.0002861	9.46E-06	3.04E-05	0.000225
SpM18_ChORF1789_s_at	-	<i>spyM18_1789</i>	Phage	Phage proteins		Essential	Essential	-4.61	5.31	-14.10	18.55	0.1089716	0.001305	0.0018485	0.000619
SpM5_ChORF270b-528_at	-	<i>SpyoM5_Chr ORF_270b10.p1t_528</i>	Unknown	Hypothetical protein	Unknown	-	-	-4.62	-8.55	-3.17	-21.51	0.9308647	0.010626	0.000555	0.000299
SpM12_ChORF296-2_s_at	-	<i>SpyoM12_Chr ORF_296_2</i>	Unknown	Hypothetical protein	Unknown	-	-	-4.75	16.30	6.35	7.05	0.0001333	8.43E-06	0.1346721	0.030573
SpM1_ChORF1465_s_at	-	<i>spy1465</i>	Phage	Phage proteins	Phage structural proteins	-	-	-4.78	2.06	-4.16	5.67	0.0717879	0.000871	0.0035258	0.001092
SpM1_ChORF0472_s_at	-	<i>spy0472</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-4.85	-45.17	-102.19	25.91	3.11E-15	7.91E-06	0.0029073	0.000916
SpM5_ChORF270b-585_at	-	<i>SpyoM5_Chr ORF_270b10.p1t_585</i>	Unknown	Hypothetical protein	Unknown	-	-	-4.97	3.65	-11.13	11.72	0.2442927	0.002855	0.055169	0.013625
SpM1_ChORF1950_s_at	-	<i>spy1950</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-5.04	0.06	16.50	-8.37	0.02412	0.000304	0.0324431	0.008433
SpM1_ChORF0556_s_at	-	<i>spy0556</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-5.08	0.82	-4.55	3.20	0.0062291	8.12E-05	0.0117763	0.003321
SpM1_ChORF1441_s_at	-	<i>spy1441</i>	Phage	Phage proteins		-	-	-5.11	6.23	-4.28	9.65	0.0698837	0.000851	0.0002371	0.000243
SpyM3_1447_at	-	<i>SpyM3_1447</i>	Phage	Phage proteins		-	-	-5.21	-11.56	3.79	-10.20	0.2016099	0.002372	0.0447137	0.011256
SpyM3_1432_at	-	<i>SpyM3_1432</i>	Phage	Phage proteins		-	-	-5.26	4.44	13.91	22.36	1.65E-05	7.91E-06	4.01E-09	0.000225
SpM1_ChORF0676_s_at	-	<i>spy0676</i>	Phage	Phage proteins		-	-	-5.35	6.22	-5.88	18.90	0.2707728	0.00315	1.28E-06	0.000225
SpM1_ChORF1657_s_at	-	<i>spy1656</i>	Unknown	Hypothetical protein	Unknown	-	-	-5.39	-125.45	-110.29	129.80	0.0005166	1.13E-05	2.43E-06	0.000225
SpM12_ChORF299-3_s_at	-	<i>SpyoM12_Chr ORF_299_3</i>	Unknown	Hypothetical protein	Unknown	-	-	-5.42	10.30	-0.10	4.78	0.3071636	0.003558	0.3975108	0.08232
SpM1_ChORF1532_s_at	-	<i>spy1532</i>	Unknown	Hypothetical protein	Unknown	-	-	-5.49	2.45	-11.82	9.49	0.2312773	0.002708	0.0992594	0.023317
SpM1_ChORF2040_at	-	<i>spy2040</i>	Unknown	Hypothetical protein	Unknown	-	-	-5.50	-8.66	-7.89	1.12	8.93E-05	8.18E-06	0.4733617	0.096158
SpM18_ChORF1786_at	-	<i>spyM18_1786</i>	Unknown	Hypothetical protein	Unknown	-	-	-5.51	-3.84	-6.08	6.33	0.0011317	1.73E-05	2.58E-12	0.000225
SpM49_ChORF7585-31_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_31</i>	Unknown	Hypothetical protein	Unknown	-	-	-5.51	-9.27	-8.47	0.74	7.02E-06	7.91E-06	0.0002746	0.000248
M12_1829_s_at	-	<i>M12_1829</i>	Unknown	Hypothetical protein	Unknown	-	-	-5.73	9.33	-4.49	7.93	0.1774658	0.002097	0.1477166	0.033298
SpM5_ChORF169a-196_at	-	<i>SpyoM5_Chr ORF_169a5.p1t_196</i>	Unknown	Hypothetical protein	Unknown	-	-	-5.75	13.13	11.41	10.90	0.0041519	5.49E-05	0.0335215	0.008681

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM3_ChORF1098_at	<i>cadA</i>	<i>SpyM3_1098</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	-5.96	0.92	-14.18	12.97	0.2017079	0.002372	0.0315539	0.008232
SpM12_ChORF290-9_s_at	-	<i>SpyoM12_ChORF_290_9</i>	Unknown	Hypothetical protein	Unknown	-	-	-6.03	9.08	-2.43	3.54	0.1428184	0.001696	0.8212391	0.155078
SpM18_ChORF1795_s_at	-	<i>spyM18_1795</i>	Unknown	Hypothetical protein	Unknown	-	-	-6.03	1.07	-7.91	26.70	0.5878184	0.006735	6.49E-08	0.000225
SpM1_ChORF0190_s_at	-	<i>spy0190</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	-6.05	284.09	779.54	51.34	6.04E-19	7.91E-06	0.1749355	0.038959
SpM1_ChORF0927_s_at	<i>apt</i>	<i>spy0927</i>	Nucleotides	Nucleotides metabolism	Purine salvage	-	-	-6.06	-93.79	-84.84	-41.34	8.37E-09	7.91E-06	0.0004812	0.000286
SpM1_ChORF2034_s_at	-	<i>spy2034</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-6.24	-66.93	-66.95	-54.15	0.0001279	8.40E-06	8.34E-05	0.000226
SpM1_ChORF1999_at	-	<i>spy1999</i>	Unknown	Hypothetical protein	Unknown	-	-	-6.25	-7.07	-9.99	15.77	0.0301032	0.000377	2.08E-08	0.000225
SpM1_ChORF1085_at	<i>srtF</i>	<i>spy1085</i>	Membrane transport	Membrane transport	Lantibiotic membrane transport	Essential	Essential	-6.31	-35.56	-39.07	-20.43	6.08E-10	7.91E-06	6.39E-05	0.000225
SpM5_ChORF223b-1_s_at	-	<i>SpyoM5_ChORF_223b3.p1t_1</i>	Unknown	Hypothetical protein	Unknown	-	-	-6.48	4.15	-16.34	14.38	0.1025207	0.001234	0.030818	0.00807
SpM3_ChORF1081_s_at	-	<i>SpyM3_1081</i>	Unknown	Hypothetical protein	Unknown	-	-	-6.62	2.63	-16.71	12.11	0.0622003	0.000762	0.0546721	0.013515
SpM5_ChORF270b-135_s_at	-	<i>SpyoM5_ChORF_270b10.p1t_135</i>	Unknown	Hypothetical protein	Unknown	-	-	-6.64	-2.16	1.18	7.97	0.0956173	0.001153	0.0086857	0.002523
SpM18_ChORF0453_at	-	<i>spyM18_0453</i>	Unknown	Hypothetical protein	Unknown	-	-	-6.68	3.25	-13.85	11.57	0.1777135	0.002098	0.0729959	0.017546
SpM12_ChORF298-25_s_at	-	<i>SpyoM12_ChORF_298_25</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-6.77	1.39	-5.74	2.09	0.1873055	0.002208	0.485945	0.098543
M12_1769_at	-	<i>M12_1769</i>	Unknown	Hypothetical protein	Unknown	-	-	-6.79	-13.67	0.96	-10.14	0.0169219	0.000216	0.0259011	0.006901
SpM1_ChORF1914_s_at	<i>salB</i>	<i>spy1914</i>	Virulence	Virulence interacting proteins	Lantibiotic, Quorum sensing	-	-	-6.80	-19.37	-19.03	1.14	4.37E-07	7.91E-06	0.8872188	0.164709
SpM12_ChORF285-3_s_at	-	<i>SpyoM12_ChORF_285_3</i>	Unknown	Hypothetical protein	Unknown	-	-	-6.89	-0.69	0.54	1.51	0.0025242	3.40E-05	0.7473203	0.142811
SpM18_ChORF1158_s_at	-	<i>spyM18_1158</i>	Unknown	Hypothetical protein	Unknown	-	-	-6.93	-41.47	-40.45	17.45	2.92E-05	7.91E-06	0.0284888	0.007505
SpM1_ChORF0177_s_at	-	<i>spy0177</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-7.00	1562.75	2578.52	554.70	1.45E-31	7.91E-06	4.68E-09	0.000225
SpyM3_1258_at	-	<i>SpyM3_1258</i>	Phage	Phage proteins		-	-	-7.21	-2.39	-13.43	17.61	0.1886695	0.002223	0.0001444	0.00023
SpM1_ChORF1460_s_at	-	<i>spy1460</i>	Phage	Phage proteins		-	-	-7.26	0.29	-6.63	10.04	0.1089978	0.001305	0.0001712	0.000233
SpM18_ChORF0551_s_at	<i>silE</i>	<i>spyM18_0551</i>	Virulence	Virulence interacting proteins	Lantibiotic, Quorum sensing	-	-	-7.34	8.91	-4.14	7.35	0.2461041	0.002875	0.2185024	0.047843
SpM12_ChORF299-44_at	-	<i>SpyoM12_ChORF_299_44</i>	Unknown	Hypothetical protein	Unknown	-	-	-7.34	-13.66	-13.63	-2.90	0.0001697	8.67E-06	0.1194752	0.027518
SpM3_ChORF0964_at	-	<i>SpyM3_0964</i>	Unknown	Hypothetical protein	Unknown	-	-	-7.35	-3.53	-9.69	32.63	0.7545059	0.008635	5.85E-07	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM18_ChORF0740_x_at	-	<i>spyM18_0740</i>	Phage	Phage proteins		-	-	-7.36	-31.90	-26.27	-24.63	1.21E-06	7.91E-06	2.12E-07	0.000225
SpM1_ChORF1595_s_at	-	<i>spy1595</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-7.40	118.27	347.87	175.66	8.85E-21	7.91E-06	3.29E-15	0.000225
M12_0158_at	-	<i>M12_0158</i>	Unknown	Hypothetical protein	Unknown	-	-	-7.44	8.46	-3.39	7.85	0.2735172	0.00318	0.2432546	0.052575
SpM12_ChORF298-21_at	-	<i>SpyoM12_ChORF_298_21</i>	Unknown	Hypothetical protein	Unknown	-	-	-7.49	-11.82	-11.73	-9.26	0.2828056	0.003281	0.0268784	0.007129
SpM18_ChORF0886_s_at	<i>epuA</i>	<i>spyM18_0886</i>	Unknown	Hypothetical protein	Unknown	-	-	-7.62	7.21	-7.68	10.23	0.2183918	0.002562	0.0902189	0.021336
SpM1_ChORF0288_s_at	<i>nifS, csd</i>	<i>spy0288</i>	Cofactors	Fe-sulfate cluster	Fe-sulfate cluster biosynthesis	-	-	-7.72	-242.39	-365.44	-135.09	1.17E-18	7.91E-06	1.04E-06	0.000225
SpM3_ChORF0986_x_at	-	<i>SpyM3_0986</i>	Unknown	Hypothetical protein	Unknown	-	-	-7.80	15.84	-9.13	0.19	0.0358279	0.000446	0.8957931	0.165842
SpM5_ChORF169a-227_s_at	-	<i>SpyoM5_ChORF_169a5.p1t_227</i>	Unknown	Hypothetical protein	Unknown	-	-	-8.12	3.48	-9.92	11.25	0.2890925	0.003352	0.0697696	0.016863
SpyM3_1308_x_at	-	<i>SpyM3_1308</i>	Phage	Phage proteins		-	-	-8.16	-0.99	-18.99	15.94	0.0702944	0.000854	0.0095916	0.002756
SpM1_ChORF1452_s_at	-	<i>spy1452</i>	Phage	Phage proteins	Phage structural proteins	-	-	-8.37	2.20	-17.69	11.39	0.0541398	0.000666	0.0463378	0.011607
SpM5_ChORF125g-147_at	-	<i>SpyoM5_ChORF_125g01.q1ch_147</i>	Unknown	Hypothetical protein	Unknown	-	-	-8.71	1.33	-12.99	12.75	0.2743497	0.003188	0.0365182	0.009381
SpM1_ChORF1080_s_at	<i>srtl</i>	<i>spy1080</i>	Virulence	Virulence interacting proteins	Lantibiotic, Quorum sensing	-	-	-8.82	5.84	-7.84	11.97	0.2314446	0.002708	0.0274695	0.007264
SpM1_ChORF0180_s_at	-	<i>spy0180</i>	Unknown	Hypothetical protein	Unknown	-	-	-8.92	6.74	47.73	7.25	5.91E-16	7.91E-06	0.003495	0.001084
SpM1_ChORF1952_s_at	-	<i>spy1952</i>	Unknown	Hypothetical protein	Unknown	-	-	-9.04	-16.13	-3.07	-5.86	0.2695046	0.003137	0.2653589	0.056793
SpM5_ChORF4P31a-199_a	-	<i>SpyoM5_ChORF_4P31a0.1.w2c2309_19</i>	Unknown	Hypothetical protein	Unknown	-	-	-9.40	-1.79	-2.48	0.97	0.0058222	7.59E-05	0.7124344	0.137339
SpM18_ChORF0635_s_at	-	<i>spyM18_0635</i>	Mobile Genetic Element	Mobile Genetic Element	Transposase	-	-	-9.46	12.42	11.10	10.01	1.62E-06	7.91E-06	0.0086274	0.002512
M12_0138_s_at	-	<i>M12_0138</i>	Unknown	Hypothetical protein	Unknown	-	-	-9.92	3.63	-12.23	10.46	0.1459383	0.00173	0.0766694	0.018342
SpM18_ChORF1460_s_at	-	<i>spyM18_1460</i>	Phage	Phage proteins		-	-	-10.19	-1.32	-17.90	15.52	0.1332765	0.001588	0.0152808	0.004252
SpM1_ChORF1673_s_at	-	<i>spy1673</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-10.22	277.20	455.87	-239.24	1.27E-12	7.91E-06	2.03E-07	0.000225
SpM1_ChORF1474_s_at	-	<i>spy1474</i>	Phage	Phage proteins		-	-	-10.22	17.31	1.44	19.04	0.0257547	0.000323	0.0013402	0.000482
SpM1_ChORF0839_s_at	-	<i>spy0839</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	-10.33	328.99	314.38	-139.24	4.55E-19	7.91E-06	6.48E-08	0.000225
SpM1_ChORF0578_s_at	-	<i>spy0578</i>	Unknown	Hypothetical protein	Unknown	-	-	-10.40	1.28	-15.53	12.60	0.1144495	0.001368	0.0401303	0.010183

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM12_ChORF257-17_s_at	-	<i>SpyoM12_Chr ORF_257_17</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-10.45	1.23	-15.00	12.76	0.1235208	0.001474	0.0272017	0.007209
SpM18_ChORF0607_s_at	-	<i>spyM18_0607</i>	Unknown	Hypothetical protein	Unknown	-	-	-10.54	-2.24	-4.52	10.71	0.5122195	0.005881	0.0510053	0.012695
SpM1_ChORF1818_s_at	<i>nusB</i>	<i>spy1818</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	-10.54	396.71	366.83	44.49	1.02E-11	7.91E-06	0.2339654	0.050701
SpyM3_1824_at	-	<i>SpyM3_1824</i>	Unknown	Hypothetical protein	Unknown	-	-	-10.57	5.57	12.22	17.13	0.0113852	0.000146	0.0010162	0.000399
SpM12_ChORF256-17_at	-	<i>SpyoM12_Chr ORF_256_17</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-10.57	10.06	8.85	13.66	0.0002663	9.32E-06	0.0054175	0.001624
SpM5_ChORF125g-225_at	-	<i>SpyoM5_Chr ORF_125g01.q1ch_225</i>	Unknown	Hypothetical protein	Unknown	-	-	-10.60	10.55	2.63	5.17	0.0553087	0.00068	0.4519107	0.092549
SpM1_ChORF1863_s_at	-	<i>spy1863</i>	RNA metabolism	Transcription regulation		-	-	-10.68	-25.33	13.15	4.66	0.0005567	1.17E-05	0.1964143	0.043412
SpM12_ChORF249-1_at	-	<i>SpyoM12_Chr ORF_249_1</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-10.78	1.51	-7.18	14.41	0.0585793	0.000719	0.0005841	0.000304
SpM1_ChORF0179_s_at	<i>araD</i>	<i>spy0179</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-10.80	1506.38	3304.34	625.13	2.79E-33	7.91E-06	1.41E-09	0.000225
SpM49_ChORF1257-2_at	-	<i>SpyoM49_Chr ORF_sp001_0_1257_2</i>	Unknown	Hypothetical protein	Unknown	-	-	-10.90	8.94	12.07	6.87	0.0031284	4.16E-05	0.3171065	0.066971
SpM12_ChORF293-41_s_at	-	<i>SpyoM12_Chr ORF_293_41</i>	Unknown	Hypothetical protein	Unknown	-	-	-10.96	12.86	14.28	-31.70	8.57E-05	8.18E-06	2.55E-08	0.000225
SpM18_ChORF1444_x_at	-	<i>spyM18_1444</i>	Phage	Phage proteins		-	-	-11.06	-25.59	-7.50	-3.79	2.83E-10	7.91E-06	0.2550748	0.054893
SpM18_ChORF1283_x_at	-	<i>spyM18_1283</i>	Phage	Phage proteins		-	-	-11.10	-0.43	-15.55	13.70	0.134096	0.001597	0.0216889	0.005881
SpM12_ChORF289-43_s_at	-	<i>SpyoM12_Chr ORF_289_43</i>	Unknown	Hypothetical protein	Unknown	-	-	-11.17	7.04	-12.42	7.42	0.0454674	0.000562	0.3183322	0.06719
SpM18_ChORF1237_x_at	-	<i>spyM18_1237</i>	Phage	Phage proteins		-	-	-11.41	-8.01	-22.45	13.09	0.0173442	0.000221	0.0147852	0.00412
SpM12_ChORF262-3_s_at	-	<i>SpyoM12_Chr ORF_262_3</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-11.49	1.13	-10.97	10.08	0.261212	0.003047	0.1317656	0.029972
SpM49_ChORF7585-17_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_17</i>	Unknown	Hypothetical protein	Unknown	-	-	-11.71	-6.48	-11.90	10.64	0.0579867	0.000712	0.0002617	0.000246
SpM12_ChORF262-1_s_at	-	<i>SpyoM12_Chr ORF_262_1</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-12.01	2.99	-13.39	7.59	0.12672	0.001511	0.2547559	0.054858
SpM12_ChORF288-43_s_at	-	<i>SpyoM12_Chr ORF_288_43</i>	Unknown	Hypothetical protein	Unknown	-	Essential	-12.23	3.84	-9.87	9.93	0.1012645	0.00122	0.1056186	0.024532
SpM1_ChORF0031_s_at	-	<i>spy0031</i>	Unknown	Hypothetical protein	Unknown	-	Essential	-12.37	-1.95	-4.79	1.75	0.0004028	1.04E-05	0.5891207	0.116705
SpM12_ChORF297-3_s_at	-	<i>SpyoM12_Chr ORF_297_3</i>	Unknown	Hypothetical protein	Unknown	-	-	-12.48	6.21	-3.45	11.17	0.1889194	0.002225	0.0806286	0.019197
SpM1_ChORF2041_s_at	-	<i>spy2041</i>	Unknown	Hypothetical protein	Unknown	-	-	-12.63	1.98	-13.44	9.14	0.1442979	0.001712	0.1556298	0.034903
SpM18_ChORF2160_s_at	<i>mga</i>	<i>spyM18_2160</i>	RNA metabolism	Transcription regulation		-	-	-12.69	-29.28	68.57	-84.40	1.38E-09	7.91E-06	1.42E-13	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1088_at	-	<i>spy1088</i>	Phage	Phage proteins	Phage regulatory proteins	Essential	-	-12.71	6.98	2.23	17.49	0.0700836	0.000852	0.0027681	0.000877
SpM1_ChORF1592_s_at	-	<i>spy1592</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-12.77	295.37	1049.07	470.96	4.11E-29	7.91E-06	1.27E-20	0.000225
SpM1_ChORF1365_s_at	-	<i>spy1365</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	-12.83	-116.21	-186.75	50.23	4.76E-05	7.97E-06	0.0938666	0.022137
SpM1_ChORF0142_s_at	-	<i>spy0142</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-12.85	-18.71	-20.11	6.25	0.020604	0.000261	0.1581198	0.035371
M12_1862_s_at	-	<i>M12_1862</i>	Mobile Genetic Element	Mobile Genetic Element	IS Element-associated ORF	-	-	-12.91	-4.85	-1.92	3.57	0.3887754	0.004475	0.507916	0.102643
SpM1_ChORF0706_s_at	-	<i>spy0706</i>	Phage	Phage proteins		-	-	-13.10	-5.13	-13.59	8.85	0.0198891	0.000252	0.0046638	0.001416
SpM12_ChORF224-2_at	-	<i>SpyoM12_ChORF_224_2</i>	Unknown	Hypothetical protein	Unknown	Essential	-	-13.13	-0.23	-11.85	11.73	0.0772361	0.000935	0.0051124	0.001542
SpM1_ChORF0804_s_at	<i>infC</i>	<i>spy0804</i>	Protein synthesis	Translation factors	Translation factor	-	-	-13.18	-302.06	145.35	-95.77	9.13E-09	7.91E-06	0.3590992	0.075162
SpM12_ChORF227-1_at	-	<i>SpyoM12_ChORF_227_1</i>	Unknown	Hypothetical protein	Unknown	-	-	-13.22	8.36	-2.14	2.51	0.0121899	0.000156	0.8248759	0.155434
SpM12_ChORF265-2_s_at	-	<i>SpyoM12_ChORF_265_2</i>	Unknown	Hypothetical protein	Unknown	-	-	-13.24	9.28	-8.87	13.89	0.0431876	0.000534	0.0299578	0.007868
SpM1_ChORF1985_s_at	-	<i>spy1985</i>	Unknown	Hypothetical protein	Unknown	-	-	-13.31	274.19	500.58	-10.43	8.05E-21	7.91E-06	0.8540511	0.159396
SpM1_ChORF1250_s_at	<i>mreA</i>	<i>spy1250</i>	Cofactors			-	-	-13.55	-98.97	-124.04	-38.27	4.10E-17	7.91E-06	1.09E-05	0.000225
M12_1863_s_at	-	<i>M12_1863</i>	Mobile Genetic Element	Mobile Genetic Element	IS Element-associated ORF	-	-	-13.62	1.20	-8.75	11.98	0.3091694	0.003579	0.0685656	0.016606
SpM12_ChORF296-1_s_at	-	<i>SpyoM12_ChORF_296_1</i>	Unknown	Hypothetical protein	Unknown	Essential	-	-13.72	6.98	-8.74	4.70	0.0801538	0.000969	0.646111	0.126145
SpM1_ChORF1186_s_at	<i>citD</i>	<i>spy1186</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-13.85	40.51	-19.30	-71.44	0.0622602	0.000762	1.68E-06	0.000225
SpM1_ChORF1287_s_at	-	<i>spy1287</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-13.87	132.84	210.41	82.60	1.58E-16	7.91E-06	1.70E-06	0.000225
SpM1_ChORF1607_s_at	-	<i>spy1607</i>	RNA metabolism	Transcription regulation		-	-	-13.97	-77.92	-136.68	40.38	5.33E-11	7.91E-06	0.0052906	0.001591
M12_0652_at	-	<i>M12_0652</i>	Unknown	Hypothetical protein	Unknown	-	-	-14.10	-4.28	-8.52	-1.36	0.3436588	0.003964	0.8096924	0.153231
SpM12_ChORF292-19_s_at	-	<i>SpyoM12_ChORF_292_19</i>	Unknown	Hypothetical protein	Unknown	-	-	-14.25	-3.31	-4.05	4.97	0.2259537	0.002647	0.5294753	0.106327
SpM49_ChORF7585-37_at	-	<i>SpyoM49_ChORF_sp001_0_7585_37</i>	Unknown	Hypothetical protein	Unknown	-	-	-14.29	-10.18	-14.57	9.68	0.0049721	6.53E-05	9.50E-05	0.000226
SpM18_ChORF1301_at	-	<i>spyM18_1301</i>	Phage	Phage proteins		-	-	-14.39	11.51	4.51	8.37	0.0046059	6.06E-05	0.0972724	0.022875
SpM12_ChORF284-43_s_at	-	<i>SpyoM12_ChORF_284_43</i>	Unknown	Hypothetical protein	Unknown	-	-	-14.41	-2.82	-15.27	14.67	0.2221342	0.002605	0.0263208	0.006997

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0531_s_at	<i>acpA</i>	<i>spy0531</i>	RNA metabolism	RNA modification	RNA modification	-	-	-14.41	-115.75	-91.61	-20.68	1.26E-30	7.91E-06	3.57E-05	0.000225
SpM1_ChORF0364_s_at	-	<i>spy0364</i>	Unknown	Hypothetical protein	Unknown	-	-	-14.71	-72.80	-217.57	21.35	1.32E-22	7.91E-06	0.1134285	0.026225
SpM12_ChORF299-41_at	-	<i>SpyoM12_ChORF_299_41</i>	Unknown	Hypothetical protein	Unknown	-	-	-14.76	-29.20	26.90	-21.80	1.03E-06	7.91E-06	0.0002922	0.000251
SpM12_ChORF280-10_s_at	-	<i>SpyoM12_ChORF_280_10</i>	Unknown	Hypothetical protein	Unknown	-	-	-14.90	11.35	0.25	10.63	0.0009037	1.49E-05	0.0804757	0.019193
SpM12_ChORF262-4_s_at	-	<i>SpyoM12_ChORF_262_4</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-14.98	-2.14	-7.51	14.00	0.2974446	0.003447	0.0248398	0.006654
SpM5_ChORF125g-178_at	-	<i>SpyoM5_ChORF_125g01.q1ch_178</i>	Unknown	Hypothetical protein	Unknown	-	-	-15.01	0.24	-10.64	13.27	0.1988195	0.00234	0.0456933	0.011462
SpM1_ChORF0300_s_at	<i>comX1.1</i>	<i>spy0300</i>	Membrane transport	Membrane transport	Quorum sensing membrane transport	-	-	-15.18	1.23	-1.09	-2.22	4.95E-07	7.91E-06	0.8378016	0.157196
SpM49_ChORF7585-11_s_at	-	<i>spyM18_1495</i>	Unknown	Hypothetical protein	Unknown	-	-	-15.28	-17.39	-17.03	-5.92	4.92E-06	7.91E-06	0.0007711	0.000343
SpM5_ChORF4P31a-181_x	-	<i>SpyoM5_ChORF_4P31a0.1.w2c2309_18</i>	Unknown	Hypothetical protein	Unknown	-	-	-15.31	13.25	159.69	-17.06	1.71E-12	7.91E-06	0.3840276	0.079857
SpM1_ChORF0198_s_at	-	<i>spy0198</i>	Mobile Genetic Element	Mobile Genetic Element	Transposase	-	-	-15.41	-9.72	-8.87	11.75	8.94E-07	7.91E-06	2.77E-05	0.000225
SpM12_ChORF247-14_s_at	-	<i>SpyoM12_ChORF_247_14</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-15.57	1.33	-8.71	13.24	0.2684637	0.003128	0.072053	0.017355
SpM49_ChORF7585-28_at	-	<i>SpyoM49_ChORF_sp001_0_7585_28</i>	Unknown	Hypothetical protein	Unknown	-	-	-15.61	-9.39	-8.02	17.64	0.3141793	0.003636	0.0026123	0.000833
SpM1_ChORF1237_s_at	<i>ciaR</i>	<i>spy1237</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	-15.61	-75.70	-96.98	8.80	4.98E-18	7.91E-06	0.1497958	0.03368
SpM1_ChORF0631_s_at	<i>agaV</i>	<i>spy0631</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-15.73	24.06	46.36	-3.29	1.73E-05	7.91E-06	0.6564627	0.127882
SpM1_ChORF0831_s_at	<i>pyrP</i>	<i>spy0831</i>	Membrane transport	Membrane transport	Nucleotide membrane transport	-	-	-15.79	-134.54	-487.15	25.03	5.33E-07	7.91E-06	0.4156083	0.085614
SpM18_ChORF1923_at	-	<i>spyM18_1923</i>	Unknown	Hypothetical protein	Unknown	-	-	-15.86	17.82	13.73	-7.54	8.99E-06	7.91E-06	0.2781337	0.059419
SpM1_ChORF2081_s_at	<i>hutI</i>	<i>spy2081</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-15.99	75.76	323.91	-2.62	3.17E-15	7.91E-06	0.8305841	0.156104
SpM49_ChORF7585-43_at	-	<i>SpyoM49_ChORF_sp001_0_7585_43</i>	Unknown	Hypothetical protein	Unknown	-	-	-16.14	1.65	-11.85	16.65	0.0537404	0.000661	0.0022153	0.000723
SpM1_ChORF1444_s_at	-	<i>spy1444</i>	Phage	Phage proteins	Phage regulatory proteins	-	-	-16.32	-1.65	-7.44	13.08	0.1798831	0.002122	0.0240893	0.006472
SpM12_ChORF257-16_s_at	-	<i>SpyoM12_ChORF_257_16</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-16.46	2.42	-13.76	12.16	0.0507676	0.000625	0.0468843	0.011735

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF1443_s_at	-	<i>spy1443</i>	Phage	Phage proteins		-	-	-16.46	-8.62	-28.42	12.78	0.0173615	0.000221	0.0664616	0.016141
SpM18_ChORF1302_at	-	<i>spyM18_1302</i>	Phage	Phage proteins		-	-	-16.55	170.70	476.26	13.77	1.78E-20	7.91E-06	0.2816815	0.060067
SpM12_ChORF294-6_s_at	-	<i>SpyoM12_Chr ORF_294_6</i>	Unknown	Hypothetical protein	Unknown	-	-	-16.70	-3.16	-3.94	13.78	0.1054198	0.001265	0.0188579	0.005173
SpM5_ChORF169a-232_at	-	<i>SpyoM5_Chr ORF_169a5.p1t_232</i>	Unknown	Hypothetical protein	Unknown	-	-	-16.80	6.00	-11.32	8.21	0.0409933	0.000508	0.2586212	0.055554
SpM1_ChORF0238_s_at	-	<i>spy0238</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	-16.97	-47.06	-60.70	102.67	0.0013466	1.97E-05	6.10E-13	0.000225
SpM1_ChORF1253_s_at	-	<i>spy1253</i>	Unknown	Hypothetical protein	Unknown	-	-	-17.02	24.69	173.32	35.29	7.40E-11	7.91E-06	0.01647	0.004558
SpM5_ChORF125g-172_at	-	<i>SpyoM5_Chr ORF_125g01.q1ch_172</i>	Unknown	Hypothetical protein	Unknown	-	-	-17.30	10.19	-3.25	10.48	0.0079127	0.000103	0.1227988	0.028206
SpM49_ChORF7585-39_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_39</i>	Unknown	Hypothetical protein	Unknown	-	-	-17.35	-2.02	-13.27	14.45	0.0196922	0.00025	0.0014306	0.000506
SpM1_ChORF1513_s_at	<i>ileS</i>	<i>spy1513</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	-17.37	-46.37	-32.76	-200.43	0.104726	0.001259	1.55E-17	0.000225
SpM49_ChORF7585-22_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_22</i>	Unknown	Hypothetical protein	Unknown	-	-	-17.62	-9.59	-17.05	17.33	0.0002963	9.53E-06	4.58E-09	0.000225
SpyM3_1756_s_at	-	<i>SpyM3_1756</i>	Unknown	Hypothetical protein	Unknown	-	-	-17.68	13.24	-18.44	0.00	1.60E-08	7.91E-06	0.8733689	0.162567
SpM5_ChORF125g-177_at	-	<i>SpyoM5_Chr ORF_125g01.q1ch_177</i>	Unknown	Hypothetical protein	Unknown	-	-	-17.88	4.14	-0.66	5.90	0.0214844	0.000272	0.46116	0.094114
SpM1_ChORF1468_s_at	-	<i>spy1468</i>	Phage	Phage proteins		-	-	-17.88	-4.08	-8.45	15.11	0.0163735	0.000209	0.003058	0.000961
SpM1_ChORF1924_s_at	<i>lacR.2</i>	<i>spy1924</i>	RNA metabolism	Transcription r egulation		-	-	-17.88	-43.49	-90.81	104.56	0.0005439	1.16E-05	4.91E-08	0.000225
SpM49_ChORF7585-26_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_26</i>	Unknown	Hypothetical protein	Unknown	-	-	-18.06	-12.62	-13.60	19.15	0.0054969	7.18E-05	7.92E-08	0.000225
SpM1_ChORF0535_s_at	-	<i>spy0535</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-18.10	-14.05	0.98	21.03	5.42E-09	7.91E-06	9.75E-09	0.000225
SpM1_ChORF0052_s_at	<i>rpIB</i>	<i>spy0052</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	-18.15	-648.47	-731.96	-248.18	3.79E-11	7.91E-06	0.0394863	0.010041
SpM1_ChORF1448_s_at	-	<i>spy1448</i>	Phage	Phage proteins	Phage structural proteins	-	-	-18.27	-5.81	-19.31	19.50	0.1061731	0.001274	0.0028224	0.000892
SpM1_ChORF1450_s_at	-	<i>spy1450</i>	Phage	Phage proteins	Phage structural proteins	-	-	-18.30	-6.78	-21.65	17.92	0.0466797	0.000576	0.0025895	0.000828
SpM12_ChORF299-48_at	-	<i>SpyoM12_Chr ORF_299_48</i>	Unknown	Hypothetical protein	Unknown	-	-	-18.32	-11.53	2.59	25.00	1.08E-09	7.91E-06	2.88E-09	0.000225
SpM1_ChORF1964_s_at	<i>cdsA</i>	<i>spy1964</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	-18.35	-60.78	-51.26	-33.05	0.0013106	1.93E-05	0.0023025	0.000748

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1424_s_at	-	<i>spy1424</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-18.38	28.09	62.09	111.15	0.0005374	1.15E-05	1.08E-10	0.000225
SpyM3_1303_at	-	<i>SpyM3_1303</i>	Phage	Phage proteins		-	-	-18.87	-2.08	-14.52	13.53	0.0592624	0.000726	0.0231064	0.006242
SpM1_ChORF1438_s_at	-	<i>spy1438</i>	Phage	Phage proteins		-	-	-18.93	-6.04	-17.79	16.50	0.1019005	0.001227	0.0099302	0.002846
SpM1_ChORF0008_s_at	<i>trcF</i>	<i>spy0008</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	-19.11	-75.69	-129.14	-83.80	7.01E-18	7.91E-06	1.26E-15	0.000225
SpM1_ChORF2117_s_at	<i>cinA</i>	<i>spy2117</i>	Unknown	Hypothetical protein	Unknown	-	-	-19.11	109.15	43.81	117.88	0.0001927	8.82E-06	4.68E-08	0.000225
SpM12_ChORF286-31_s_at	-	<i>SpyoM12_ChORF_286_31</i>	Unknown	Hypothetical protein	Unknown	-	-	-19.23	-4.81	-16.20	12.80	0.0625489	0.000764	0.0251761	0.006738
SpM49_ChORF7585-24_at	-	<i>SpyoM49_ChORF_sp001_0_7585_24</i>	Unknown	Hypothetical protein	Unknown	-	-	-19.34	-11.88	-17.39	14.99	0.0014001	2.03E-05	5.62E-06	0.000225
SpM49_ChORF7585-21_at	-	<i>SpyoM49_ChORF_sp001_0_7585_21</i>	Unknown	Hypothetical protein	Unknown	-	-	-19.53	-13.04	-18.57	19.74	0.0002716	9.35E-06	2.57E-10	0.000225
SpM1_ChORF1473_s_at	-	<i>spy1473</i>	Phage	Phage proteins		-	-	-19.61	-23.73	-21.68	-7.31	4.08E-07	7.91E-06	0.0004479	0.00028
SpM1_ChORF1457_s_at	-	<i>spy1457</i>	Phage	Phage proteins	Phage structural proteins	-	-	-19.72	-7.80	-15.52	17.03	0.110747	0.001325	0.0049965	0.001514
SpM1_ChORF1455_s_at	-	<i>spy1455</i>	Phage	Phage proteins		-	-	-19.73	-12.48	-20.19	9.31	0.0111843	0.000144	0.0169424	0.004677
SpM1_ChORF0148_s_at	<i>ntpl</i>	<i>spy0148</i>	Membrane transport	Membrane transport	Ion membrane transport	-	-	-19.83	27.80	23.09	15.73	0.0006398	1.24E-05	0.1297882	0.029618
SpM1_ChORF1118_s_at	<i>radC</i>	<i>spy1118</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-19.91	-12.26	-17.58	-4.84	0.0803174	0.000971	0.2570705	0.055255
SpM1_ChORF0628_s_at	-	<i>spyM18_0693</i>	Unknown	Hypothetical protein	Unknown	-	-	-19.92	-13.74	-25.89	-0.09	0.0053924	7.05E-05	0.9363342	0.17246
SpM12_ChORF267-18_at	-	<i>SpyoM12_ChORF_267_18</i>	Unknown	Hypothetical protein	Unknown	-	-	-20.07	-12.08	-14.40	11.51	0.1477859	0.001751	0.0502236	0.012518
SpM3_ChORF0757_s_at	-	<i>SpyM3_0757</i>	Unknown	Hypothetical protein	Unknown	-	-	-20.12	-8.94	-23.03	15.94	0.0177831	0.000226	0.0041105	0.001261
SpM49_ChORF6658-4_s_at	-	<i>SpyoM49_ChORF_sp001_0_6658_4</i>	Unknown	Hypothetical protein	Unknown	-	-	-20.26	9.43	1.40	16.12	0.0021571	2.94E-05	0.0085058	0.002481
SpM18_ChORF1136_s_at	-	<i>spyM18_1136</i>	Unknown	Hypothetical protein	Unknown	-	-	-20.41	-39.27	-46.91	-41.08	4.53E-08	7.91E-06	1.69E-08	0.000225
SpM49_ChORF7585-20_at	-	<i>SpyoM49_ChORF_sp001_0_7585_20</i>	Unknown	Hypothetical protein	Unknown	-	-	-20.46	-8.44	-13.82	25.58	0.1087136	0.001303	3.54E-05	0.000225
SpM1_ChORF0377_s_at	-	<i>spy0377</i>	Unknown	Hypothetical protein	Unknown	-	-	-20.53	65.65	94.58	84.60	0.0002229	9.02E-06	0.0001292	0.000229
SpM1_ChORF1183_s_at	-	<i>spy1183</i>	Unknown	Hypothetical protein	Unknown	-	-	-20.67	-25.88	-71.93	-63.39	8.20E-06	7.91E-06	2.21E-08	0.000225
SpM18_ChORF1397_at	-	<i>spyM18_1397</i>	Unknown	Hypothetical protein	Unknown	-	-	-20.74	8.74	31.83	30.12	0.0501417	0.000618	0.0087455	0.002538

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM12_ChORF299-50_at	-	<i>SpyoM12_Chr ORF_299_50</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-20.75	-7.82	-0.55	25.19	4.67E-05	7.97E-06	2.16E-07	0.000225
SpM1_ChORF1459_s_at	-	<i>spy1459</i>	Phage	Phage proteins	Phage structural proteins	-	-	-20.84	0.20	-3.87	14.28	0.0197497	0.00025	0.0234757	0.006327
SpM12_ChORF220-1_s_at	-	<i>SpyoM12_Chr ORF_220_1</i>	Unknown	Hypothetical protein	Unknown	-	-	-20.89	-1.68	-4.01	8.36	0.0023163	3.14E-05	0.1574952	0.035254
SpM1_ChORF1451_s_at	-	<i>spy1451</i>	Phage	Phage proteins	Phage structural proteins	-	-	-21.00	-9.49	-23.48	12.04	0.0078018	0.000101	0.0120843	0.003403
SpM1_ChORF0252_s_at	-	<i>spy0252</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-21.07	758.06	1187.93	647.44	8.19E-21	7.91E-06	5.80E-15	0.000225
M12_1348_s_at	-	<i>M12_1348</i>	Unknown	Hypothetical protein	Unknown	-	-	-21.30	-8.30	-21.13	10.54	0.0007638	1.36E-05	0.0058811	0.001754
SpM1_ChORF1454_s_at	-	<i>spy1454</i>	Phage	Phage proteins		-	-	-21.32	-3.28	-14.32	15.66	0.0479694	0.000592	0.0072314	0.002128
SpM1_ChORF0473_s_at	<i>dgk</i>	<i>spy0473</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	-21.36	-55.55	-121.30	11.08	2.17E-08	7.91E-06	0.3978124	0.082334
SpM1_ChORF1447_at	-	<i>spy1447</i>	Phage	Phage proteins		-	-	-21.71	-1.57	-14.19	13.99	0.0305012	0.000382	0.0220026	0.005954
SpM1_ChORF0904_s_at	-	<i>spy0904</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	Essential	-21.92	-44.95	-192.08	-31.10	1.94E-10	7.91E-06	0.2994249	0.063455
SpM49_ChORF7585-23_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_23</i>	Unknown	Hypothetical protein	Unknown	-	-	-21.95	-12.14	-17.25	21.96	0.0629388	0.000769	0.0001257	0.000229
SpM1_ChORF1149_s_at	-	<i>spy1149</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-21.95	57.50	292.30	-48.73	6.87E-08	7.91E-06	0.3680786	0.076768
SpM1_ChORF0791_s_at	<i>rgpEc</i>	<i>spy0791</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	-22.01	-98.65	-195.47	-30.71	5.53E-19	7.91E-06	0.0132935	0.003725
SpM49_ChORF7585-29_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_29</i>	Unknown	Hypothetical protein	Unknown	-	-	-22.03	-10.06	-20.61	18.98	0.0256869	0.000323	0.0006453	0.000316
SpM3_ChORF0391_at	-	<i>SpyM3_0391</i>	Unknown	Hypothetical protein	Unknown	-	-	-22.12	-5.65	-16.52	18.54	0.0049841	6.54E-05	0.0001235	0.000229
SpM49_ChORF7585-42_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_42</i>	Unknown	Hypothetical protein	Unknown	-	-	-22.14	-4.38	-14.00	17.37	0.0339618	0.000424	0.0044865	0.001364
SpM1_ChORF0565_s_at	<i>tnpA</i>	<i>spy0565</i>	Mobile Genetic Element	Mobile Genetic Element	Transposase	-	-	-22.16	6.72	-6.22	14.89	0.0042265	5.59E-05	0.0143545	0.004013
SpM1_ChORF0559_s_at	-	<i>spy0559</i>	Unknown	Hypothetical protein	Unknown	-	-	-22.19	20.68	105.67	-99.43	4.80E-06	7.91E-06	2.89E-09	0.000225
SpM1_ChORF1111_s_at	-	<i>spy1111</i>	Unknown	Hypothetical protein	Unknown	-	-	-22.29	74.30	191.01	26.25	1.35E-16	7.91E-06	0.0647663	0.015806
SpM1_ChORF0251_s_at	-	<i>spy0251</i>	Unknown	Hypothetical protein	Unknown	-	-	-22.51	639.88	708.90	592.12	1.85E-14	7.91E-06	1.92E-14	0.000225
SpM1_ChORF0477_s_at	-	<i>spy0477</i>	Unknown	Hypothetical protein	Unknown	-	-	-22.67	-87.73	-119.57	-37.83	1.30E-07	7.91E-06	0.0082105	0.0024
SpM1_ChORF1491_s_at	-	<i>spy1491</i>	Unknown	Hypothetical protein	Unknown	-	-	-22.90	27.77	-32.28	-130.79	0.0140479	0.00018	8.83E-13	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM49_ChORF7585-27_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_27</i>	Unknown	Hypothetical protein	Unknown	-	-	-23.08	-12.08	-19.06	21.24	0.0330208	0.000412	0.0001282	0.000229
SpyM3_1321_at	-	<i>SpyM3_1321</i>	Phage	Phage proteins		-	-	-23.08	-17.43	-19.32	22.23	0.0158424	0.000202	4.64E-06	0.000225
SpM49_ChORF7585-18_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_18</i>	Unknown	Hypothetical protein	Unknown	-	-	-23.27	-12.83	-17.79	28.83	0.0822526	0.000993	1.44E-05	0.000225
SpM1_ChORF0873_s_at	-	<i>spy0873</i>	Stress adaptation	Phosphorus metabolism	PpGpp metabolism	-	-	-23.33	106.77	-15.93	197.03	0.0013499	1.97E-05	1.87E-14	0.000225
SpM1_ChORF1440_x_at	-	<i>spy1440</i>	Phage	Phage proteins		-	-	-23.35	-4.37	-12.86	16.04	0.0345093	0.00043	0.0080456	0.002356
SpM1_ChORF1634_s_at	-	<i>spy1634</i>	RNA metabolism	Transcription regulation		-	-	-23.47	-16.10	11.43	16.35	0.0016945	2.37E-05	0.0090015	0.002604
SpM5_ChORFJ7578C-142_	-	<i>SpyoM5_Chr ORF_J7578C e05.s1c_142</i>	Unknown	Hypothetical protein	Unknown	-	-	-23.48	-6.71	-11.50	18.93	0.0371142	0.000462	0.0028765	0.000908
SpM49_ChORF7585-34_s_	-	<i>SpyoM49_Chr ORF_sp001_0_7585_34</i>	Unknown	Hypothetical protein	Unknown	-	-	-23.52	-7.60	-13.75	14.63	0.069307	0.000845	0.0213821	0.005803
SpM1_ChORF1558_s_at	-	<i>spy1558</i>	RNA metabolism	Transcription regulation		-	-	-23.52	-28.28	-29.47	8.00	4.53E-12	7.91E-06	8.48E-16	0.000225
SpM49_ChORF7585-35_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_35</i>	Unknown	Hypothetical protein	Unknown	-	-	-23.77	-9.39	-12.91	16.63	0.0316015	0.000395	0.0035987	0.001111
SpM5_ChORFJ7578C-260_	-	<i>SpyoM5_Chr ORF_J7578C e05.s1c_260</i>	Unknown	Hypothetical protein	Unknown	-	-	-24.15	14.21	12.86	-0.59	0.0045928	6.05E-05	0.9173656	0.169055
SpM49_ChORF7585-25_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_25</i>	Unknown	Hypothetical protein	Unknown	-	-	-24.17	-12.61	-16.57	20.09	0.0287276	0.00036	0.0002761	0.000248
SpM18_ChORF0677_x_at	-	<i>spyM18_0677</i>	Unknown	Hypothetical protein	Unknown	-	-	-24.48	-2.95	-7.27	13.08	0.0045378	5.98E-05	0.0345877	0.008931
SpM1_ChORF1821_s_at	<i>efp</i>	<i>spy1821</i>	Protein synthesis	Translation factors	Translation factor	-	-	-24.57	788.37	534.80	80.80	1.01E-13	7.91E-06	0.0750641	0.01797
SpM1_ChORF2047_s_at	<i>gldA</i>	<i>spy2047</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-24.68	2123.88	3714.62	775.30	7.34E-34	7.91E-06	2.11E-10	0.000225
SpM1_ChORF0877_s_at	<i>mvaD</i>	<i>spy0877</i>	Lipid metabolism	Isoprenoids	Isoprenoid biosynthesis	-	-	-25.02	-58.91	-20.02	-60.48	0.000704	1.30E-05	9.75E-09	0.000225
SpM49_ChORF7585-38_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_38</i>	Unknown	Hypothetical protein	Unknown	-	-	-25.19	-11.39	-16.21	18.61	0.0067048	8.72E-05	0.0002762	0.000248
SpM1_ChORF1963_s_at	-	<i>spy1963</i>	Protein synthesis	Protein folding & modification	Protein modification	-	-	-25.29	-53.60	-58.26	-86.00	0.0106976	0.000138	3.83E-09	0.000225
SpM49_ChORF7585-33_at	-	<i>SpyoM49_Chr ORF_sp001_0_7585_33</i>	Unknown	Hypothetical protein	Unknown	-	-	-25.36	-10.79	-14.37	18.54	0.0081418	0.000105	0.0004498	0.00028
SpM1_ChORF0797_s_at	<i>amrA</i>	<i>spy0797</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-25.51	16.55	-57.71	-10.69	0.158576	0.001878	0.679303	0.13182
SpM5_ChORFJ7578C-298_	-	<i>SpyoM5_Chr ORF_J7578C e05.s1c_298</i>	Unknown	Hypothetical protein	Unknown	-	-	-25.95	-2.60	-5.49	19.88	0.0009795	1.57E-05	0.0006786	0.000323
SpM1_ChORF0272_s_at	<i>rpsG</i>	<i>spy0272</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	-26.50	-735.13	-431.17	28.54	1.29E-06	7.91E-06	0.3828069	0.07965

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF0334_s_at	-	<i>spy0334</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-26.50	-274.29	-119.72	421.41	6.90E-08	7.91E-06	2.86E-21	0.000225
M12_0466_at	-	<i>M12_0466</i>	Mobile Genetic Element	Mobile Genetic Element	IS Element-associated ORF	-	-	-26.97	-3.13	-4.95	19.22	0.0112726	0.000145	0.0064928	0.001926
SpM1_ChORF0792_s_at	<i>rgpFc</i>	<i>spy0792</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	-26.97	-79.59	-183.35	-1.83	1.50E-12	7.91E-06	0.8904802	0.165053
SpM1_ChORF1449_s_at	-	<i>spy1449</i>	Phage	Phage proteins	Phage structural proteins	-	-	-27.24	-5.97	-3.07	21.72	0.0004565	1.08E-05	0.0005448	0.000297
SpM1_ChORF0103_s_at	<i>comYC</i>	<i>spy0103</i>	Membrane transport	Membrane transport	Quorum sensing membrane transport	-	-	-27.46	-26.46	-9.00	7.12	1.10E-11	7.91E-06	0.0407605	0.01032
SpM1_ChORF1567_s_at	-	<i>spy1567</i>	Stress adaptation	Cold shock proteins	Cold shock proteins	-	-	-27.79	56.66	64.66	121.03	5.38E-06	7.91E-06	1.11E-12	0.000225
SpM5_ChORF275f-245_at	-	<i>SpyoM5_Chr ORF_275f02.p1cq_245</i>	Unknown	Hypothetical protein	Unknown	-	-	-27.90	-1.78	-11.32	15.96	0.0169322	0.000216	0.0392703	0.010001
SpM18_ChORF0262_at	-	<i>spyM18_0262</i>	Unknown	Hypothetical protein	Unknown	-	-	-28.10	11.88	4.66	20.21	5.54E-10	7.91E-06	0.0011002	0.00042
SpM1_ChORF0365_s_at	-	<i>spy0365</i>	Phage	Phage proteins		-	-	-28.60	-73.07	-198.07	29.22	1.14E-20	7.91E-06	0.0387337	0.009895
SpM18_ChORF2161_s_at	-	<i>spy2103</i>	Unknown	Hypothetical protein	Unknown	-	-	-28.80	-8.79	-4.34	14.47	0.0001783	8.71E-06	0.0088956	0.002577
SpM1_ChORF1795_s_at	-	<i>spy1795</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	-28.96	-60.32	-93.92	-105.81	1.35E-12	7.91E-06	2.91E-21	0.000225
SpM1_ChORF0478_s_at	-	<i>spy0478</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-29.04	2.04	-7.53	16.33	0.0016488	2.32E-05	0.0187355	0.005144
SpM5_ChORF270b-69_s_at	-	<i>SpyoM5_Chr ORF_270b10.p1t_69</i>	Unknown	Hypothetical protein	Unknown	-	-	-29.04	-25.68	-22.49	32.68	0.0201433	0.000255	4.06E-06	0.000225
SpM1_ChORF1351_s_at	<i>aroK</i>	<i>spy1351</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	Essential	Essential	-29.24	62.92	106.06	337.49	3.67E-11	7.91E-06	1.13E-37	0.000225
SpM1_ChORF0219_x_at	-	<i>spy0219</i>	Unknown	Hypothetical protein	Unknown	-	-	-29.27	-54.48	-25.02	-22.51	6.14E-05	8.03E-06	0.0082211	0.002402
SpM18_ChORF0394_x_at	-	<i>spyM18_0394</i>	Phage	Phage proteins		-	-	-29.60	-18.44	-17.43	-2.11	1.14E-08	7.91E-06	0.8083741	0.153063
SpM1_ChORF0045_s_at	-	<i>spy0045</i>	Membrane transport	Membrane transport	Drug, cytolysin membrane transport	-	-	-29.65	-14.49	83.09	-31.45	3.02E-06	7.91E-06	0.0516477	0.012836
SpM1_ChORF0178_s_at	-	<i>spy0178</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-29.98	1838.93	3150.57	573.92	3.45E-34	7.91E-06	1.21E-08	0.000225
SpM18_ChORF1162_s_at	<i>rnhB</i>	<i>spyM18_1162</i>	Unknown	Hypothetical protein	Unknown	Essential	-	-30.10	-6.92	-14.00	15.01	0.0044437	5.86E-05	0.018619	0.005116
SpM1_ChORF2083_s_at	-	<i>spy2083</i>	Unknown	Hypothetical protein	Unknown	-	-	-30.30	60.87	262.24	52.47	2.26E-16	7.91E-06	0.0020701	0.000683
SpM1_ChORF0362_s_at	-	<i>spy0362</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-30.73	-104.27	-357.64	128.80	2.01E-15	7.91E-06	6.35E-06	0.000225
SpM3_ChORF0388_s_at	-	<i>spy0545</i>	Unknown	Hypothetical protein	Unknown	-	-	-32.06	-10.12	-19.47	28.30	0.003599	4.77E-05	5.22E-05	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1402_s_at	-	<i>spy1402</i>	Unknown	Hypothetical cytosolic Protein	Unknown	Essential	-	-32.50	-125.60	-164.32	549.42	3.26E-06	7.91E-06	1.27E-33	0.000225
SpM5_ChORF270b-605_s_at	-	<i>SpyoM5_Chr ORF_270b10.p1t_605</i>	Unknown	Hypothetical protein	Unknown	-	-	-32.53	-8.63	-22.57	18.25	0.0043151	5.70E-05	0.0098302	0.002822
SpM1_ChORF0738_at	<i>sagA</i>	<i>spy0738</i>	Virulence	Virulence interacting proteins	Exotoxin	-	-	-32.81	1407.24	2910.15	2379.76	3.60E-30	7.91E-06	1.24E-33	0.000225
SpM1_ChORF0174_s_at	-	<i>spy0174</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-33.26	1739.76	1765.41	562.88	3.21E-25	7.91E-06	4.00E-08	0.000225
SpM1_ChORF0923_s_at	-	<i>spy0923</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-33.46	-92.39	-60.78	-17.38	1.34E-10	7.91E-06	0.1345846	0.030573
SpM1_ChORF0884_s_at	-	<i>spy0884</i>	Unknown	Hypothetical protein	Unknown	-	-	-34.05	-172.35	-210.23	-45.35	6.28E-23	7.91E-06	0.0001184	0.000228
SpM1_ChORF1063_at	-	<i>spy1063</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	-34.07	-68.36	-54.52	-18.14	1.04E-05	7.91E-06	0.025225	0.006741
SpM1_ChORF1159_s_at	<i>hlyIII</i>	<i>spy1159</i>	Virulence	Virulence interacting proteins	Exotoxin	-	-	-34.29	-59.80	-91.97	-101.63	8.76E-05	8.18E-06	5.37E-10	0.000225
SpM1_ChORF0634_s_at	<i>agaF</i>	<i>spy0634</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-34.46	31.48	75.04	25.49	2.71E-09	7.91E-06	0.009837	0.002822
SpM1_ChORF0106_s_at	<i>comYD</i>	<i>spy0106</i>	Membrane transport	Membrane transport	Quorum sensing membrane transport	-	-	-34.62	-13.90	-14.58	10.16	0.0010171	1.61E-05	0.1124903	0.026025
SpM12_ChORF299-49_at	-	<i>SpyoM12_Chr ORF_299_49</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-34.65	-13.50	-12.14	29.03	5.06E-06	7.91E-06	5.82E-07	0.000225
SpM1_ChORF0534_s_at	<i>aroE.2</i>	<i>spy0534</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	-	-	-34.87	-23.99	-13.08	20.54	6.61E-06	7.91E-06	9.26E-05	0.000226
SpM18_ChORF0945_s_at	-	<i>spyM18_0945</i>	Unknown	Hypothetical protein	Unknown	-	-	-35.02	-163.09	-203.89	-43.42	1.91E-24	7.91E-06	3.29E-05	0.000225
SpM1_ChORF1160_s_at	-	<i>spy1160</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	Essential	Essential	-35.05	-73.26	-107.54	-39.16	2.06E-15	7.91E-06	1.47E-07	0.000225
SpM1_ChORF0146_s_at	-	<i>spy0146</i>	RNA metabolism	Transcription r egulation	Unknown substrate membrane transport	-	-	-35.42	61.82	101.35	-0.39	1.62E-14	7.91E-06	0.9623832	0.17661
SpM1_ChORF1791_s_at	-	<i>spy1791</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-36.47	-41.01	-58.85	-101.42	0.0006348	1.24E-05	1.22E-14	0.000225
SpM1_ChORF1184_s_at	<i>oadB</i>	<i>spy1184</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-38.38	-50.39	-108.64	-81.26	5.60E-13	7.91E-06	3.44E-14	0.000225
SpM1_ChORF0105_s_at	-	<i>spy0105</i>	Unknown	Hypothetical protein	Unknown	-	-	-38.72	-25.84	-15.23	6.61	2.46E-08	7.91E-06	0.149317	0.033594
SpM1_ChORF0646_s_at	-	<i>spy0646</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	Essential	-	-38.80	-143.75	-131.07	-18.18	1.96E-09	7.91E-06	0.1004108	0.023541
SpM1_ChORF0188_s_at	<i>vlg</i>	<i>spy0188</i>	RNA metabolism	Transcription r egulation	Unknown substrate membrane transport	-	-	-39.55	155.70	268.71	83.79	2.49E-10	7.91E-06	0.0050723	0.001533

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1829_s_at	<i>rpsR</i>	<i>spy1829</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	-40.16	-109.59	-82.59	-8.56	0.094265	0.001137	0.7750697	0.147233
SpM1_ChORF1120_s_at	-	<i>spy1120</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	Essential	-	-40.39	-59.61	-117.58	-27.10	0.0001906	8.80E-06	0.0968388	0.022794
SpM1_ChORF0547_s_at	-	<i>spy0547</i>	Unknown	Hypothetical protein	Unknown	-	-	-40.44	-15.80	-23.10	34.43	2.67E-05	7.91E-06	1.75E-07	0.000225
SpM1_ChORF0585_s_at	<i>lgt</i>	<i>spy0585</i>	Unknown	Hypothetical protein	Unknown	-	-	-40.53	-90.54	-157.44	20.70	0.2765984	0.003213	0.5438198	0.108897
SpM1_ChORF0497_s_at	<i>fpg</i>	<i>spy0497</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-40.72	-97.15	-105.04	-63.08	3.37E-09	7.91E-06	3.91E-07	0.000225
SpM1_ChORF0740_s_at	<i>sagC</i>	<i>spy0740</i>	Protein synthesis	Protein folding & modification	Protein modification	-	-	-40.80	3027.23	3532.67	2866.45	2.32E-28	7.91E-06	5.79E-28	0.000225
SpM1_ChORF0929_s_at	<i>nth</i>	<i>spy0929</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-41.78	-90.36	-50.78	-24.87	0.0057416	7.49E-05	0.2025303	0.044624
SpM1_ChORF0442_s_at	-	<i>spy0442</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-42.00	164.14	148.68	76.03	3.73E-12	7.91E-06	2.10E-05	0.000225
SpM1_ChORF0794_s_at	-	<i>spy0794</i>	Unknown	Hypothetical protein	Unknown	-	-	-43.19	-73.32	-288.71	30.69	1.16E-08	7.91E-06	0.3817255	0.079472
SpM1_ChORF1414_s_at	-	<i>spy1414</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	-44.50	-23.21	94.30	316.54	6.03E-11	7.91E-06	5.34E-34	0.000225
SpM1_ChORF0189_s_at	-	<i>spy0189</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	-45.50	252.30	434.91	92.22	1.37E-09	7.91E-06	0.0731269	0.017566
SpM1_ChORF0922_s_at	-	<i>spy0922</i>	Other	GTP-binding protein	GTP-binding	-	Essential	-45.92	-118.50	-45.97	15.93	9.13E-06	7.91E-06	0.0653939	0.015904
SpM1_ChORF1252_s_at	-	<i>spy1252</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-46.19	-119.95	-58.69	-1.12	2.07E-07	7.91E-06	0.828415	0.155934
SpM1_ChORF0874_s_at	-	<i>spy0874</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	-46.37	106.34	54.00	205.19	0.0001404	8.48E-06	1.75E-13	0.000225
SpM1_ChORF1715_s_at	<i>copA</i>	<i>spy1715</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	-48.84	170.20	391.24	153.03	6.05E-24	7.91E-06	4.81E-12	0.000225
SpM12_ChORF283-25_s_at	-	<i>spy1824</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-49.26	14.82	97.02	-4.05	4.15E-12	7.91E-06	0.7043986	0.136164
SpM1_ChORF0529_s_at	<i>vicK</i>	<i>spy0529</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	-51.03	-122.24	-232.21	-3.66	7.24E-14	7.91E-06	0.6392419	0.125013
SpM1_ChORF1971_s_at	-	<i>spy1971</i>	Stress adaptation	Oxidative stress	Oxidative stress	-	-	-51.77	-84.73	-179.89	-0.77	2.08E-10	7.91E-06	0.674243	0.131055
SpM1_ChORF1794_s_at	-	<i>spy1794</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	-52.18	-45.75	-63.26	-93.28	1.12E-06	7.91E-06	3.52E-17	0.000225
SpM1_ChORF1664_s_at	<i>mraY</i>	<i>spy1662</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	-53.09	-324.78	-244.75	-250.34	2.52E-11	7.91E-06	2.58E-12	0.000225
SpM1_ChORF1073_s_at	<i>rpL</i>	<i>spy1073</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	-53.15	-493.64	-851.39	298.57	1.26E-09	7.91E-06	7.02E-05	0.000225
SpM1_ChORF0401_s_at	-	<i>spy0401</i>	Unknown	Hypothetical protein	Unknown	-	-	-54.12	49.20	146.91	-0.52	1.72E-17	7.91E-06	0.8903396	0.165053

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF2066_s_at	-	<i>spy2066</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-54.98	367.92	353.91	307.28	1.60E-18	7.91E-06	3.14E-16	0.000225
SpM1_ChORF0575_s_at	-	<i>spy0575</i>	Unknown	Hypothetical protein	Unknown	-	-	-55.56	-136.85	-184.54	-105.16	8.84E-17	7.91E-06	7.58E-14	0.000225
SpM1_ChORF1191_s_at	<i>oadA</i>	<i>spy1191</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-55.79	96.21	99.44	-82.30	1.48E-08	7.91E-06	8.89E-06	0.000225
SpM5_ChORF125g-81_s_at	-	<i>spy2054</i>	RNA metabolism	Transcription regulation	Hypothetical	-	-	-55.99	1266.56	1834.85	435.48	8.57E-34	7.91E-06	1.64E-10	0.000225
SpM1_ChORF0390_s_at	-	<i>spy0390</i>	Unknown	membrane protein	Unknown	-	-	-56.71	-189.56	-238.98	1.98	7.07E-23	7.91E-06	0.8740543	0.162609
SpM1_ChORF2006_s_at	-	<i>spy2006</i>	Unknown	Hypothetical protein	Unknown	-	-	-57.28	-61.00	46.97	-109.83	0.0001208	8.35E-06	6.44E-08	0.000225
SpM1_ChORF1267_s_at	<i>pcrA</i>	<i>spy1267</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	-58.85	-220.01	-164.29	-105.88	1.21E-17	7.91E-06	3.77E-10	0.000225
SpM1_ChORF2082_at	<i>hutU</i>	<i>spy2082</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-59.55	89.74	291.67	90.41	5.40E-14	7.91E-06	0.0002399	0.000243
SpM1_ChORF0297_s_at	<i>oppF</i>	<i>spy0297</i>	Membrane transport	Membrane transport	Peptide membrane transport	-	-	-59.61	954.41	622.62	622.53	2.03E-08	7.91E-06	5.56E-07	0.000225
SpM1_ChORF1789_s_at	-	<i>spy1789</i>	Unknown	Hypothetical protein	Unknown	-	-	-59.99	-57.76	-76.39	-112.99	0.0001773	8.71E-06	1.56E-13	0.000225
SpM1_ChORF0932_s_at	-	<i>spy0932</i>	Carbohydrate metabolism	Bioenergetics		Essential	Essential	-60.38	-25.51	19.47	-74.90	1.47E-07	7.91E-06	7.49E-12	0.000225
SpM1_ChORF1189_s_at	<i>citF</i>	<i>spy1189</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	Essential	-	-60.81	119.20	98.87	-113.74	8.39E-07	7.91E-06	1.34E-06	0.000225
SpM12_ChORF299-15_at	-	<i>SpyoM12_ChORF_299_15</i>	Unknown	Hypothetical protein	Unknown	-	-	-61.49	6.06	169.49	19.21	2.51E-17	7.91E-06	0.0617819	0.015141
SpM1_ChORF0400_s_at	<i>dnaX</i>	<i>spy0400</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	-61.58	68.75	152.08	-22.49	3.38E-08	7.91E-06	0.2001505	0.044183
SpM1_ChORF0265_s_at	-	<i>spy0265</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-62.09	143.67	180.43	3.30	2.45E-17	7.91E-06	0.5638851	0.112339
SpM1_ChORF1259_s_at	-	<i>spy1259</i>	RNA metabolism	Transcription regulation		-	-	-63.34	44.90	295.76	-106.83	2.05E-08	7.91E-06	0.0012555	0.000461
SpM1_ChORF1510_s_at	<i>mutT</i>	<i>spy1510</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-63.94	67.80	291.35	78.77	1.22E-10	7.91E-06	0.0068876	0.002034
SpM1_ChORF0739_s_at	<i>sagB</i>	<i>spy0739</i>	Protein synthesis	Protein folding & modification	Protein modification	-	-	-64.45	1973.00	2471.35	1805.26	1.05E-28	7.91E-06	2.22E-26	0.000225
SpM18_ChORF1629_s_at	-	<i>spyM18_1629</i>	Unknown	Hypothetical protein	Unknown	-	-	-65.30	-51.88	-170.21	-1.44	0.0002183	8.99E-06	0.5708506	0.113598
SpM12_ChORF281-1_s_at	-	<i>spy1035</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	-65.85	-157.56	-125.08	-6.33	5.40E-13	7.91E-06	0.395066	0.081862
SpM1_ChORF0528_s_at	<i>vicR</i>	<i>spy0528</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	-66.18	-124.15	-259.88	61.43	2.50E-11	7.91E-06	0.0155657	0.004321
SpM18_ChORF1715_at	<i>nadE</i>	<i>spyM18_1715</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	Essential	Essential	-66.38	-58.24	-38.71	37.49	1.30E-06	7.91E-06	1.53E-05	0.000225
SpM1_ChORF0909_s_at	<i>parE</i>	<i>spy0909</i>	DNA metabolism	DNA Packaging & segregation	DNA packaging	Essential	-	-66.43	-326.84	-262.83	-27.98	5.83E-15	7.91E-06	0.5220006	0.105187

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF2106_s_at	-	<i>spy2106</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-67.81	256.25	430.85	-577.20	5.45E-11	7.91E-06	2.24E-19	0.000225
SpM1_ChORF0928_s_at	<i>dnaD</i>	<i>spy0928</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	-68.57	-72.05	5.50	-11.73	0.0034964	4.64E-05	0.6382088	0.12488
SpM1_ChORF0063_s_at	<i>rpIE</i>	<i>spy0063</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	-68.72	20.48	-210.66	-65.65	0.1045737	0.001258	0.7320962	0.140436
SpM12_ChORF221-2_s_at	-	<i>SpyoM12_ChORF_221_2</i>	Unknown	Hypothetical protein	Unknown	-	-	-68.76	-71.47	33.84	100.59	2.29E-12	7.91E-06	3.11E-15	0.000225
SpM1_ChORF1915_at	<i>salA</i>	<i>spy1915</i>	Virulence	Virulence interacting proteins	Lantibiotic, Quorum sensing	-	-	-69.22	-117.96	-18.90	24.23	1.06E-10	7.91E-06	0.0286309	0.007537
SpM1_ChORF2079_s_at	<i>ahpC</i>	<i>spy2079</i>	Stress adaptation	Oxidative stress	Oxidative stress	-	-	-69.53	1865.63	2912.12	-264.42	2.51E-24	7.91E-06	0.0261467	0.006956
SpM1_ChORF1188_s_at	<i>citE</i>	<i>spy1188</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-71.06	97.70	52.65	-98.47	2.03E-06	7.91E-06	1.73E-06	0.000225
SpM1_ChORF0464_s_at	-	<i>spy0464</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	Essential	-	-71.80	-107.92	-53.86	-19.94	1.39E-08	7.91E-06	0.0845885	0.020081
M12_0555_s_at	-	<i>M12_0555</i>	Unknown	Hypothetical protein	Unknown	-	-	-73.02	261.52	1154.23	-45.44	2.18E-07	7.91E-06	0.6254198	0.122857
SpM1_ChORF1134_s_at	<i>proWX</i>	<i>spy1134</i>	Membrane transport	Membrane transport	Osmoprotectant membrane transport	-	-	-73.37	-88.41	-21.59	-15.77	0.0007092	1.30E-05	0.2246651	0.048918
SpM1_ChORF1561_s_at	-	<i>spy1561</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-73.99	53.53	261.36	72.27	7.34E-14	7.91E-06	0.0016616	0.00057
SpM1_ChORF0076_x_at	<i>rpmJ</i>	<i>spy0076</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	-74.65	-818.91	-1183.90	26.71	1.21E-26	7.91E-06	0.6425723	0.125524
SpM1_ChORF1868_s_at	<i>nupC</i>	<i>spy1868</i>	Membrane transport	Membrane transport	Nucleotide membrane transport	-	-	-74.71	148.23	298.10	-22.98	1.22E-19	7.91E-06	0.3946118	0.081816
SpM49_ChORF903-2_s_at	-	<i>SpyoM49_ChORF_sp001_0_903_2</i>	Unknown	Hypothetical protein	Unknown	-	-	-75.92	13.07	19.37	125.64	2.63E-08	7.91E-06	7.47E-17	0.000225
SpM18_ChORF0672_s_at	-	<i>spy0605</i>	Stress adaptation	Oxidative stress	Oxidative stress	-	-	-76.24	-29.60	-79.88	-90.62	7.04E-06	7.91E-06	1.77E-10	0.000225
SpM1_ChORF0040_s_at	-	<i>spy0040</i>	Unknown	Hypothetical protein	Unknown	-	-	-76.61	200.87	195.35	195.30	1.75E-05	7.91E-06	4.08E-05	0.000225
SpM1_ChORF1042_s_at	-	<i>spy1042</i>	Unknown	Hypothetical protein	Unknown	-	-	-76.64	-245.07	-333.19	-158.20	7.03E-29	7.91E-06	3.51E-19	0.000225
SpM1_ChORF1548_s_at	-	<i>spy1548</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-77.01	16.11	-15.46	109.25	0.0030666	4.09E-05	1.07E-07	0.000225
SpM1_ChORF0358_s_at	-	<i>spy0358</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-77.02	-187.50	-173.57	-100.14	1.76E-22	7.91E-06	2.07E-16	0.000225
SpM18_ChORF2039_s_at	-	<i>spyM18_2039</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-78.26	812.85	604.71	391.61	1.91E-21	7.91E-06	5.47E-13	0.000225
SpM1_ChORF0486_s_at	-	<i>spy0486</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-78.28	72.12	94.41	-64.20	0.064402	0.000786	0.0878718	0.020809

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1785_s_at	<i>recG</i>	<i>spy1785</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-78.40	-80.48	-56.94	-171.78	2.35E-06	7.91E-06	5.72E-24	0.000225
SpM1_ChORF1707_s_at	<i>lacA.1</i>	<i>spy1708</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-79.33	-79.13	-14.32	64.36	5.37E-05	8.00E-06	3.94E-05	0.000225
SpM1_ChORF0914_s_at	-	<i>spy0914</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-79.44	-213.89	-308.89	20.82	1.82E-18	7.91E-06	0.6058665	0.11955
SpM1_ChORF1193_s_at	-	<i>spy1193</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-79.45	25.58	267.51	74.76	4.57E-12	7.91E-06	0.0014521	0.000511
SpM12_ChORF284-30_s_at	-	<i>spy1061</i>	RNA metabolism	Transcription r egulation		-	-	-81.06	-116.46	-93.39	2.32	1.37E-07	7.91E-06	0.9387014	0.172806
SpM1_ChORF2053_s_at	-	<i>spy2053</i>	RNA metabolism	Transcription r egulation		-	-	-81.06	1285.38	2066.08	473.37	3.68E-35	7.91E-06	2.88E-11	0.000225
SpM1_ChORF1619_s_at	-	<i>spy1619</i>	Unknown	Hypothetical protein	Unknown	-	-	-81.73	-106.09	-301.65	-33.49	7.47E-11	7.91E-06	0.0546873	0.013515
SpM1_ChORF1995_s_at	<i>flaR</i>	<i>spy1995</i>	DNA metabolism	Packaging & segregation	DNA packaging	-	-	-82.28	-26.78	95.39	-39.00	8.99E-13	7.91E-06	0.0089155	0.002581
SpM1_ChORF0514_s_at	<i>ccpA</i>	<i>spy0514</i>	RNA metabolism	Transcription r egulation		-	-	-82.78	718.01	228.28	603.98	5.73E-09	7.91E-06	1.30E-11	0.000225
SpM1_ChORF1524_s_at	<i>murG</i>	<i>spy1524</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	-83.04	-14.12	-35.31	-163.58	0.0134328	0.000172	3.87E-12	0.000225
SpM1_ChORF2203_s_at	-	<i>spy2203</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-83.88	-212.46	-291.64	45.55	1.19E-21	7.91E-06	0.0111135	0.003147
SpM1_ChORF1299_at	<i>malD</i>	<i>spy1299</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-84.52	362.69	1844.88	343.66	5.35E-24	7.91E-06	1.71E-05	0.000225
SpM1_ChORF1043_s_at	-	<i>spy1043</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-84.73	-181.88	-270.36	-114.15	2.52E-24	7.91E-06	2.00E-14	0.000225
SpM1_ChORF1844_s_at	<i>recD</i>	<i>spy1844</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-85.57	-35.39	-51.31	-43.13	2.31E-05	7.91E-06	0.0024363	0.000788
SpM1_ChORF0755_s_at	<i>atpB</i>	<i>spy0755</i>	Carbohydrate metabolism	Bioenergetics	Bioenergetics	Essential	-	-88.08	-304.58	-392.38	-165.11	4.40E-27	7.91E-06	1.72E-15	0.000225
SpM1_ChORF0889_s_at	<i>rpiA</i>	<i>spy0889</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-88.32	-177.48	-198.39	-51.69	3.37E-12	7.91E-06	0.0010413	0.000405
SpM1_ChORF0723_s_at	-	<i>spyM18_0790</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-88.42	-78.53	56.95	-26.77	4.12E-09	7.91E-06	0.1449311	0.032712
SpM1_ChORF1343_s_at	-	<i>spy1343</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-89.25	-415.92	-479.30	-133.32	1.39E-27	7.91E-06	7.64E-08	0.000225
SpM1_ChORF1044_s_at	-	<i>spy1044</i>	Unknown	Hypothetical protein	Unknown	Essential	-	-89.30	-171.64	-239.95	-126.71	3.89E-24	7.91E-06	1.12E-18	0.000225
SpM1_ChORF2105_s_at	<i>nrdG</i>	<i>spy2105</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	-89.95	182.83	360.37	-591.08	7.61E-10	7.91E-06	7.01E-21	0.000225
SpM1_ChORF0783_s_at	-	<i>spy0783</i>	Unknown	Hypothetical protein	Unknown	-	-	-91.21	-81.26	25.00	-2.43	9.46E-08	7.91E-06	0.6990326	0.135201
SpM1_ChORF1790_s_at	-	<i>spy1790</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-91.35	-110.77	-119.33	-102.94	1.58E-16	7.91E-06	7.57E-20	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1779_s_at	-	<i>spy1779</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-91.45	-300.07	-272.95	-47.20	5.29E-20	7.91E-06	0.0023434	0.00076
SpM1_ChORF0866_s_at	<i>papS</i>	<i>spy0866</i>	RNA metabolism	RNA modification	RNA modification	-	-	-91.60	-0.91	126.40	62.37	7.95E-08	7.91E-06	0.0033482	0.001043
SpM1_ChORF0643_s_at	<i>prfB</i>	<i>spy0643</i>	Protein synthesis	Translation factors	Translation factor	-	-	-91.90	-172.78	-104.66	169.70	1.05E-08	7.91E-06	7.58E-16	0.000225
SpM1_ChORF0727_s_at	<i>gyrB</i>	<i>spy0727</i>	DNA metabolism	Packaging & segregation	DNA packaging	-	-	-91.96	13.38	108.12	-28.22	3.45E-05	7.93E-06	0.350922	0.073626
SpM1_ChORF1986_s_at	-	<i>spy1986</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-92.83	1660.42	1467.26	373.53	1.94E-24	7.91E-06	1.42E-05	0.000225
SpM1_ChORF1980_s_at	-	<i>spy1980</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-93.04	-110.85	-158.72	-228.50	1.95E-08	7.91E-06	1.87E-21	0.000225
SpM1_ChORF2074_s_at	<i>ctsR</i>	<i>spy2074</i>	RNA metabolism	Transcription r egulation		-	-	-93.14	-124.14	23.73	-67.06	2.08E-05	7.91E-06	0.0042547	0.001302
SpM1_ChORF0895_s_at	<i>cpsX</i>	<i>spy0895</i>	RNA metabolism	Transcription r egulation	Signal transduction	-	-	-93.38	-6.97	-71.18	-78.15	0.0092525	0.00012	0.0043555	0.00133
SpM1_ChORF0793_s_at	-	<i>spy0793</i>	Unknown	Hypothetical protein	Unknown	-	-	-95.33	-128.00	-268.34	-14.17	2.94E-15	7.91E-06	0.6311562	0.123638
SpM1_ChORF1291_s_at	<i>glgP</i>	<i>spy1291</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-95.92	406.35	278.61	-39.69	4.91E-16	7.91E-06	0.4609183	0.094114
SpM3_ChORF0995_at	-	<i>Spym3_0995</i>	Unknown	Hypothetical protein	Unknown	-	-	-96.88	-188.29	-235.19	-41.59	4.77E-16	7.91E-06	0.0050829	0.001535
SpM1_ChORF1298_at	<i>malA</i>	<i>spy1298</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-97.06	286.52	1850.85	337.58	1.50E-24	7.91E-06	1.17E-05	0.000225
SpM1_ChORF1992_s_at	-	<i>spy1992</i>	Unknown	Hypothetical protein	Unknown	-	-	-97.43	18.58	111.81	-51.22	2.66E-07	7.91E-06	0.0315959	0.008237
SpM3_ChORF0820_s_at	<i>topA</i>	<i>spy1164</i>	DNA metabolism	Packaging & segregation	DNA packaging	Essential	-	-98.19	-263.54	-269.56	32.41	1.17E-15	7.91E-06	0.0233152	0.006288
SpM1_ChORF1916_s_at	<i>lacG</i>	<i>spy1916</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-98.92	-147.70	-89.86	-8.04	3.18E-13	7.91E-06	0.5753282	0.11423
SpM1_ChORF0444_s_at	-	<i>spy0444</i>	Unknown	Hypothetical protein	Unknown	-	-	-99.05	-104.63	-159.46	-337.12	0.001081	1.68E-05	1.18E-17	0.000225
SpM1_ChORF1707_at	<i>lacB.1</i>	<i>spy1707</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-99.17	-88.37	-20.77	79.16	7.14E-06	7.91E-06	3.05E-06	0.000225
SpM1_ChORF1973_at	<i>dexB</i>	<i>spy1973</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-99.85	987.56	753.63	535.04	5.06E-19	7.91E-06	8.10E-13	0.000225
SpM1_ChORF0447_s_at	<i>pfs</i>	<i>spy0447</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-101.72	-207.81	-227.26	-687.40	0.120954	0.001445	1.05E-11	0.000225
SpM1_ChORF0875_s_at	-	<i>spy0875</i>	RNA metabolism	Transcription r egulation	Signal transduction	-	-	-102.60	321.45	100.87	328.70	4.09E-05	7.95E-06	5.45E-09	0.000225
SpM1_ChORF1781_s_at	-	<i>spy1781</i>	Unknown	Hypothetical protein	Unknown	-	-	-102.88	-108.76	-317.31	-283.26	6.02E-06	7.91E-06	1.48E-09	0.000225
SpM1_ChORF0776_s_at	<i>rexB</i>	<i>spy0776</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-104.15	-146.03	-214.77	-66.54	4.75E-24	7.91E-06	1.61E-09	0.000225
SpM1_ChORF1621_s_at	<i>rr03</i>	<i>spy1621</i>	RNA metabolism	Transcription r egulation	Signal transduction	-	-	-104.70	190.00	7.76	72.26	3.90E-08	7.91E-06	0.0209814	0.005698
SpM1_ChORF0836_s_at	-	<i>spy0836</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-104.77	781.55	152.68	120.73	3.30E-10	7.91E-06	0.1518157	0.034113

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1708_s_at	-	<i>spy1709</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-106.92	-85.60	-5.57	106.76	2.07E-05	7.91E-06	3.34E-07	0.000225
SpM1_ChORF1143_s_at	-	<i>spy1143</i>	Unknown	Conserved protein	Unknown	-	-	-107.93	-118.21	-298.80	78.68	1.86E-08	7.91E-06	0.003016	0.000949
SpM1_ChORF0366_s_at	<i>dyr, scpA</i>	<i>spy0366</i>	DNA metabolism	Packaging & segregation	DNA packaging	-	-	-108.79	-120.61	-278.78	34.71	4.60E-24	7.91E-06	0.0093569	0.002693
SpM1_ChORF1062_s_at	<i>yesM</i>	<i>spy1062</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	-108.84	-113.70	-52.19	3.53	1.84E-09	7.91E-06	0.9726982	0.178039
SpM1_ChORF1823_s_at	<i>comEB</i>	<i>spy1823</i>	Membrane transport	Membrane transport	Quorum sensing membrane transport	-	-	-109.46	8.10	189.06	0.69	3.28E-16	7.91E-06	0.7054305	0.136276
SpM1_ChORF1600_s_at	<i>hyl</i>	<i>spy1600</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-109.50	457.45	669.37	202.24	5.47E-22	7.91E-06	4.43E-07	0.000225
SpM1_ChORF2119_s_at	<i>ruvA</i>	<i>spy2119</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-109.51	-157.77	-426.98	-339.97	8.52E-09	7.91E-06	9.50E-11	0.000225
SpM1_ChORF0264_s_at	<i>rpe</i>	<i>spy0264</i>	Carbohydrate metabolism			-	-	-109.60	331.02	306.96	64.44	1.22E-15	7.91E-06	0.0207049	0.005636
SpM1_ChORF0226_s_at	<i>gpsA</i>	<i>spy0226</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	-109.82	-418.71	-532.09	-86.33	5.08E-20	7.91E-06	0.0003948	0.000269
SpM12_ChORF236-7_s_at	-	<i>SpyoM12_ChORF_236_7</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-109.92	-229.88	-246.48	-76.47	2.26E-13	7.91E-06	0.0001444	0.00023
SpM1_ChORF0296_s_at	<i>oppD</i>	<i>spy0296</i>	Membrane transport	Membrane transport	Peptide membrane transport	-	-	-110.74	729.42	544.33	515.17	2.26E-14	7.91E-06	6.04E-11	0.000225
SpM1_ChORF1603_s_at	-	<i>spy1603</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-112.08	88.17	224.82	36.63	3.22E-17	7.91E-06	0.0268443	0.007125
SpM1_ChORF1055_s_at	<i>csrA</i>	<i>spy1055</i>	Unknown	Hypothetical protein	Unknown	-	Essential	-114.11	-91.37	37.15	57.32	0.0013632	1.98E-05	0.1702031	0.037929
SpM1_ChORF0367_s_at	<i>scpB</i>	<i>spy0367</i>	DNA metabolism	Packaging & segregation	DNA packaging	Essential	-	-114.83	-117.21	-231.57	22.55	1.55E-17	7.91E-06	0.0627232	0.01535
SpM1_ChORF0855_s_at	<i>fruA</i>	<i>spy0855</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	Essential	-	-115.74	90.67	0.30	62.90	0.003106	4.14E-05	0.0895133	0.021184
SpM1_ChORF0741_s_at	<i>sagD</i>	<i>spy0741</i>	Protein synthesis	Protein folding & modification	Protein modification	-	-	-116.00	2738.23	3262.97	2830.14	1.66E-29	7.91E-06	1.83E-30	0.000225
SpM1_ChORF1730_s_at	<i>hit</i>	<i>spy1730</i>	RNA metabolism	Transcription regulation		-	-	-116.58	818.62	702.53	254.91	2.85E-19	7.91E-06	1.91E-05	0.000225
SpM1_ChORF1190_s_at	<i>citX</i>	<i>spy1190</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-117.70	158.40	184.26	-114.55	3.64E-12	7.91E-06	4.24E-05	0.000225
SpM1_ChORF2113_s_at	-	<i>spy2113</i>	RNA metabolism	Transcription regulation		-	-	-120.02	870.86	36.37	-100.70	8.32E-08	7.91E-06	0.1480553	0.033353
SpM1_ChORF1991_s_at	<i>trpG</i>	<i>spy1991</i>	Unknown	Hypothetical protein	Unknown	-	-	-120.02	-59.47	-31.48	-33.69	0.0001437	8.49E-06	0.1055202	0.024532
SpM5_ChORF270b-210_s_at	-	<i>SpyoM5_ChORF_270b10.p1t_210</i>	Unknown	Hypothetical protein	Unknown	-	-	-122.54	-47.96	-9.44	114.97	1.03E-05	7.91E-06	8.74E-08	0.000225
SpM1_ChORF0775_s_at	-	<i>spy0775</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	-122.97	-87.68	-97.74	236.60	1.30E-05	7.91E-06	9.24E-22	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0814_s_at	<i>folC.2</i>	<i>spy0814</i>	Cofactors	Folate	Folate biosynthesis	-	-	-123.12	-331.04	-444.00	-145.92	4.61E-22	7.91E-06	3.62E-08	0.000225
SpM1_ChORF0432_x_at	-	<i>spy0432</i>	Unknown	Hypothetical protein	Unknown	-	-	-123.55	101.38	108.60	-163.92	1.03E-10	7.91E-06	1.83E-10	0.000225
SpM1_ChORF1813_at	<i>endoS</i>	<i>spy1813</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-123.84	61.76	622.15	269.15	4.62E-23	7.91E-06	1.30E-12	0.000225
SpM1_ChORF0838_s_at	-	<i>spy0838</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-124.09	341.46	156.12	9.20	6.49E-13	7.91E-06	0.829741	0.1561
SpM1_ChORF1602_s_at	-	<i>spy1602</i>	RNA metabolism	Transcription regulation		-	-	-125.03	168.36	217.46	108.86	1.07E-17	7.91E-06	7.89E-07	0.000225
SpM1_ChORF0363_s_at	-	<i>spy0363</i>	Unknown	Hypothetical protein	Unknown	-	-	-125.23	-201.37	-428.98	93.92	9.70E-20	7.91E-06	0.0001095	0.000227
SpM1_ChORF1704_s_at	<i>lacD.1</i>	<i>spy1704</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-125.78	-91.89	68.56	129.99	8.58E-09	7.91E-06	4.63E-08	0.000225
SpM1_ChORF0077_s_at	<i>rpsM</i>	<i>spy0077</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	-125.84	-799.04	-1117.61	30.23	4.84E-29	7.91E-06	0.6041736	0.119283
SpM1_ChORF0891_s_at	<i>arsC</i>	<i>spy0891</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-126.25	-151.75	-174.81	-78.68	2.62E-13	7.91E-06	6.22E-08	0.000225
SpM12_ChORF212-2_s_at	-	<i>spy0440</i>	Unknown	Hypothetical protein	Unknown	-	Essential	-126.65	-193.96	-264.39	-51.83	2.43E-21	7.91E-06	7.91E-05	0.000225
SpM1_ChORF0369_s_at	-	<i>spy0369</i>	Unknown	Hypothetical protein	Unknown	-	-	-127.97	-106.94	-273.52	69.77	3.71E-20	7.91E-06	1.67E-05	0.000225
SpM1_ChORF1345_s_at	-	<i>spy1345</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-129.10	-49.72	-13.31	122.69	1.02E-05	7.91E-06	4.42E-08	0.000225
SpM1_ChORF0813_at	<i>gor/gpo A/gshR</i>	<i>spy0813</i>	Stress adaptation	Oxidative stress	Oxidative stress	-	-	-129.25	79.49	238.83	-64.24	5.66E-12	7.91E-06	0.0312319	0.00816
SpM1_ChORF0714_s_at	<i>adcA</i>	<i>spy0714</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	-129.27	-314.29	-255.73	-70.98	1.68E-18	7.91E-06	0.0012644	0.000462
SpM1_ChORF1158_s_at	-	<i>spy1158</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	-129.80	-78.73	-92.42	-112.89	7.47E-05	8.11E-06	4.38E-08	0.000225
SpM1_ChORF1147_s_at	<i>pvaA</i>	<i>spy1147</i>	Unknown	Hypothetical protein	Unknown	-	-	-130.19	-24.94	-85.03	51.32	2.94E-05	7.91E-06	0.0024772	0.000799
SpM1_ChORF0576_s_at	-	<i>spy0576</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	-130.54	-187.95	-218.86	-75.93	1.69E-13	7.91E-06	6.54E-07	0.000225
SpM1_ChORF0713_s_at	<i>pepD</i>	<i>spy0713</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-130.71	26.89	-39.65	-63.73	8.81E-05	8.18E-06	0.004446	0.001353
SpM1_ChORF0280_s_at	<i>bacA</i>	<i>spy0280</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	-130.96	-116.49	-134.33	3.94	1.37E-14	7.91E-06	0.9835693	0.179747
SpM1_ChORF0784_s_at	<i>rmlD</i>	<i>spy0784</i>	Unknown	Hypothetical protein	Unknown	-	-	-131.43	-146.38	-27.57	43.29	8.08E-10	7.91E-06	0.0008746	0.000366
SpM1_ChORF1564_s_at	-	<i>spy1564</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-132.65	179.58	449.54	188.13	5.63E-21	7.91E-06	2.58E-09	0.000225
SpM18_ChORF0632_s_at	-	<i>spyM18_0632</i>	Unknown	Hypothetical protein	Unknown	-	-	-132.79	166.61	180.52	-152.06	1.71E-06	7.91E-06	0.0002642	0.000247
SpM1_ChORF1523_s_at	<i>divIB</i>	<i>spy1523</i>	Cell shape and division	Cell shape & division	Cell division	-	-	-135.41	-54.58	-29.30	-257.75	0.0055285	7.22E-05	2.45E-12	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM18_ChORF0630_s_at	-	<i>spyM18_0630</i>	Phage	Phage proteins		-	-	-136.85	66.48	125.60	-106.37	7.47E-15	7.91E-06	1.56E-07	0.000225
SpM1_ChORF1565_s_at	-	<i>spy1565</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-138.44	120.11	295.23	178.13	1.49E-15	7.91E-06	1.63E-08	0.000225
SpM1_ChORF1581_s_at	-	<i>spy1581</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-138.61	-133.57	-162.96	42.64	1.01E-06	7.91E-06	0.0803287	0.019178
SpM18_ChORF0196_s_at	-	<i>spyM18_0196</i>	Nucleotides	Nucleotides metabolism	Pyrimidine salvage	-	-	-138.65	-271.41	-408.20	-72.95	1.57E-08	7.91E-06	0.0653439	0.015903
SpM1_ChORF1976_s_at	<i>msmK</i>	<i>spy1976</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-138.66	1805.86	1644.34	752.46	2.65E-28	7.91E-06	3.16E-13	0.000225
SpM1_ChORF1352_s_at	<i>aroA</i>	<i>spy1352</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	Essential	Essential	-143.61	88.40	174.21	750.22	1.46E-16	7.91E-06	1.17E-45	0.000225
SpM1_ChORF1680_s_at	-	<i>spy1680</i>	RNA metabolism	Transcription regulation		-	-	-146.19	621.46	699.05	98.39	1.11E-20	7.91E-06	0.032985	0.008561
SpM1_ChORF2060_s_at	-	<i>spy2060</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-146.49	-129.40	-376.08	285.21	2.89E-12	7.91E-06	3.73E-14	0.000225
SpM1_ChORF2045_s_at	-	<i>spy2045</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-146.77	22.66	156.17	103.81	1.29E-11	7.91E-06	0.0001591	0.000232
SpM1_ChORF0880_s_at	<i>mvaS.1</i>	<i>spy0880</i>	Lipid metabolism	Isoprenoids	Isoprenoid biosynthesis	Essential	-	-146.94	-284.29	-323.80	-70.50	2.63E-28	7.91E-06	1.85E-07	0.000225
SpM1_ChORF0065_s_at	<i>tpsH</i>	<i>spy0065</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	-147.50	-79.73	-382.86	14.29	0.004949	6.50E-05	0.4591945	0.093822
SpM1_ChORF0382_s_at	-	<i>spy0382</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-148.38	-271.97	-252.42	-1.07	1.00E-06	7.91E-06	0.9005304	0.166477
SpM1_ChORF0342_s_at	<i>snf</i>	<i>spy0342</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-148.44	-49.36	-50.95	30.60	3.40E-07	7.91E-06	0.0513202	0.012764
SpM5_ChORFJ7578C-81_s_at	-	<i>SpyoM5_Chr ORF_J7578C e05.s1c_81</i>	Unknown	Hypothetical protein	Unknown	-	-	-150.46	-94.15	-10.05	-265.01	0.0009247	1.51E-05	3.94E-13	0.000225
SpM1_ChORF0878_s_at	<i>mvaK2</i>	<i>spy0878</i>	Lipid metabolism	Isoprenoids	Isoprenoid biosynthesis	-	-	-151.34	-227.50	-132.91	-111.96	9.68E-07	7.91E-06	0.0002547	0.000246
SpM1_ChORF1770_s_at	<i>gatB</i>	<i>spy1770</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	-153.55	-348.70	-511.13	-462.10	4.15E-10	7.91E-06	3.18E-13	0.000225
SpM1_ChORF1582_s_at	-	<i>spy1582</i>	Cofactors		Quinone biosynthesis	-	-	-156.35	-74.96	-76.01	61.90	7.77E-12	7.91E-06	1.66E-05	0.000225
SpM1_ChORF1562_s_at	-	<i>spy1562</i>	Unknown	Hypothetical protein	Unknown	-	-	-156.71	78.98	343.41	126.75	1.68E-18	7.91E-06	7.25E-06	0.000225
SpM1_ChORF2033_s_at	-	<i>spy2033</i>	Unknown	Hypothetical protein	Unknown	-	-	-157.68	1962.71	1838.17	-510.37	1.22E-22	7.91E-06	1.39E-05	0.000225
SpM1_ChORF0351_s_at	-	<i>spy0351</i>	Unknown	Hypothetical membrane protein	Unknown	Essential	-	-158.93	-320.61	-252.15	51.98	4.73E-09	7.91E-06	0.0932964	0.022034
SpM1_ChORF0653_s_at	-	<i>spy0653</i>	Membrane transport	Membrane transport	Polyamine membrane transport	-	-	-159.46	-116.47	-149.46	-19.59	6.07E-07	7.91E-06	0.3538572	0.074198
SpM1_ChORF1802_s_at	<i>alr</i>	<i>spy1802</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	-160.93	0.09	295.75	-94.15	1.38E-17	7.91E-06	0.0015801	0.000546

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1725_s_at	-	<i>spy1725</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-161.24	20.17	256.87	-19.46	5.95E-11	7.91E-06	0.8243758	0.155423
SpM1_ChORF1393_s_at	<i>pepB</i>	<i>spy1393</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-164.15	-128.14	-6.82	165.68	3.49E-07	7.91E-06	2.04E-10	0.000225
SpM1_ChORF1599_s_at	-	<i>spy1599</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-164.36	522.48	795.57	277.41	3.81E-28	7.91E-06	3.20E-11	0.000225
SpM1_ChORF0097_s_at	<i>pbp1b</i>	<i>spy0097</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	Essential	Essential	-164.47	-248.74	-316.88	-66.41	3.33E-11	7.91E-06	0.031796	0.008283
SpM18_ChORF1306_at	-	<i>spyM18_1306</i>	RNA metabolism	Transcription r egulation		-	-	-166.93	151.14	78.45	222.70	1.14E-10	7.91E-06	1.50E-11	0.000225
SpM1_ChORF0388_s_at	<i>murE</i>	<i>spy0388</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	-168.27	-417.11	-458.10	103.71	5.60E-25	7.91E-06	2.10E-05	0.000225
SpM1_ChORF0587_s_at	-	<i>spy0587</i>	Unknown	Hypothetical protein	Unknown	Essential	-	-169.93	-8.76	-96.14	-38.96	1.15E-06	7.91E-06	0.087589	0.02077
SpM1_ChORF1551_s_at	-	<i>spy1551</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-170.34	-163.71	-154.79	8.80	5.34E-19	7.91E-06	0.7903269	0.149889
SpM1_ChORF2204_s_at	<i>recF</i>	<i>spy2204</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-170.66	-323.62	-379.86	5.28	6.01E-28	7.91E-06	0.6497512	0.126715
SpM5_ChORF-b16C31-7_s_	-	<i>SpyoM5_Chr ORF_BAC16 C3.00001_7</i>	Unknown	Hypothetical protein	Unknown	-	-	-172.28	-5.69	187.39	-184.58	3.05E-15	7.91E-06	1.37E-11	0.000225
SpM1_ChORF1563_s_at	-	<i>spy1563</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-173.20	145.00	434.33	156.85	1.97E-19	7.91E-06	2.27E-06	0.000225
SpM1_ChORF1576_s_at	-	<i>spy1576</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	-	-	-173.26	-285.99	-205.96	70.93	1.86E-17	7.91E-06	7.37E-06	0.000225
SpM1_ChORF0752_s_at	-	<i>spy0752</i>	Cell envelope	Membrane lipids	Phospholipids biosynthesis	-	-	-174.62	-232.22	-229.85	22.09	5.30E-27	7.91E-06	0.0044014	0.001341
SpM1_ChORF1251_s_at	<i>truB</i>	<i>spy1251</i>	RNA metabolism	RNA modification	RNA modification	-	-	-179.85	-198.58	-134.21	-14.70	1.34E-19	7.91E-06	0.2199339	0.048007
SpM1_ChORF0124_s_at	<i>rofA</i>	<i>spy0124</i>	RNA metabolism	Transcription r egulation		-	-	-179.96	-834.12	-1499.40	713.72	1.80E-11	7.91E-06	4.42E-06	0.000225
SpM1_ChORF0854_s_at	<i>fruB</i>	<i>spy0854</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-180.08	10.11	-124.98	52.07	0.0002233	9.02E-06	0.1172358	0.02707
SpM1_ChORF0852_s_at	<i>apbA</i>	<i>spy0852</i>	Cofactors			Essential	-	-181.55	-397.96	-472.43	-122.67	1.43E-21	7.91E-06	5.15E-05	0.000225
SpM1_ChORF0098_s_at	<i>rpoB</i>	<i>spy0098</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	-183.13	-744.56	-938.06	-831.76	1.22E-10	7.91E-06	2.19E-12	0.000225
SpM1_ChORF1810_s_at	<i>pmi</i>	<i>spy1810</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-183.82	-214.98	-207.06	28.76	4.66E-20	7.91E-06	0.0048414	0.001468
SpM1_ChORF0925_s_at	-	<i>spy0925</i>	Unknown	Hypothetical protein	Unknown	-	-	-183.97	-204.21	-127.79	25.68	1.30E-14	7.91E-06	0.0107346	0.00305
SpM1_ChORF0654_s_at	-	<i>spy0654</i>	Phage	Phage proteins	Hypothetical cytosolic protein	-	-	-185.14	-238.84	-329.73	-127.30	1.53E-10	7.91E-06	0.0001464	0.00023
SpM1_ChORF0263_s_at	-	<i>spy0263</i>	Unknown	Conserved protein	Unknown	-	-	-188.41	222.57	99.97	8.89	2.44E-07	7.91E-06	0.631113	0.123638
SpM1_ChORF1936_s_at	-	<i>spy1936</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-189.50	-183.40	-23.65	-127.13	7.37E-19	7.91E-06	4.24E-13	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF2096_s_at	<i>dexS</i>	<i>spy2096</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-192.66	-136.94	-8.01	114.33	4.16E-17	7.91E-06	1.06E-11	0.000225
SpM1_ChORF0772_s_at	-	<i>spy0772</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-194.61	-219.64	-260.26	6.33	1.86E-25	7.91E-06	0.8976862	0.166038
SpM1_ChORF1028_s_at	<i>acoB, pdhC</i>	<i>spy1028</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	-	-195.57	196.19	281.62	-92.15	0.0001671	8.65E-06	0.1012688	0.023694
SpM1_ChORF1067_s_at	<i>gabD</i>	<i>spy1067</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-196.44	-42.86	-8.74	-73.85	1.67E-09	7.91E-06	0.0002646	0.000247
SpM1_ChORF0569_s_at	<i>ftsY</i>	<i>spy0569</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	-196.95	358.89	64.57	-347.71	4.03E-08	7.91E-06	1.31E-08	0.000225
SpM1_ChORF0159_s_at	-	<i>spy0159</i>	Unknown	Hypothetical protein	Unknown	-	-	-200.38	-129.50	-254.01	103.77	1.38E-08	7.91E-06	0.0003413	0.000259
SpM1_ChORF1869_s_at	<i>udp</i>	<i>spy1869</i>	Nucleotides	Nucleotides metabolism	Pyrimidine salvage	-	-	-200.49	433.41	714.45	26.29	1.43E-20	7.91E-06	0.2981609	0.063236
SpM1_ChORF1145_s_at	<i>glyA</i>	<i>spy1145</i>	Cofactors	Folate	Folate biosynthesis	-	-	-200.59	-137.34	-300.52	37.21	1.89E-09	7.91E-06	0.110259	0.025526
SpM1_ChORF1959_s_at	-	<i>spy1959</i>	Unknown	Hypothetical protein	Unknown	-	-	-206.63	51.86	159.41	-182.31	6.80E-20	7.91E-06	2.54E-12	0.000225
SpM1_ChORF1722_s_at	-	<i>spy1722</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	-208.05	18.32	287.42	-70.69	2.45E-21	7.91E-06	0.0236849	0.006373
SpM1_ChORF1395_s_at	-	<i>spy1395</i>	RNA metabolism	Basic transcription machinery	transcription machinery	-	-	-208.37	-164.72	22.18	106.39	2.83E-10	7.91E-06	1.07E-05	0.000225
SpM1_ChORF0476_s_at	<i>era</i>	<i>spy0476</i>	Other	GTP-binding protein	GTP-binding	-	-	-208.79	-304.81	-344.63	4.15	3.39E-12	7.91E-06	0.9750304	0.17828
SpM1_ChORF1867_s_at	<i>deoC</i>	<i>spy1867</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-209.18	185.56	387.69	-125.91	4.07E-12	7.91E-06	0.0161053	0.004464
SpM12_ChORF197-4_s_at	-	<i>SpyoM12_Chr ORF_197_4</i>	Unknown	Hypothetical protein	Unknown	-	-	-209.62	-159.22	-58.83	22.07	2.39E-16	7.91E-06	0.0584285	0.014369
SpM1_ChORF1979_at	<i>ska</i>	<i>spy1979</i>	Virulence	Virulence interacting proteins	Extracellular protein	-	-	-210.82	926.35	876.91	3190.11	7.48E-11	7.91E-06	1.97E-37	0.000225
SpM1_ChORF1434_s_at	-	<i>spy1434</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	-217.65	-335.88	249.84	-1335.14	1.65E-05	7.91E-06	5.16E-27	0.000225
SpM1_ChORF1960_s_at	-	<i>spy1960</i>	RNA metabolism	Transcription regulation		-	-	-225.22	-94.71	-68.62	-212.86	7.05E-11	7.91E-06	2.88E-15	0.000225
SpM1_ChORF0652_s_at	-	<i>spy0652</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-226.98	-216.70	-293.26	54.07	1.56E-09	7.91E-06	0.0304567	0.007994
SpM1_ChORF0210_s_at	-	<i>spy0210</i>	Unknown	Hypothetical cytosolic protein	Unknown	Essential	Essential	-227.05	-221.29	-33.26	-3.97	4.42E-10	7.91E-06	0.7113485	0.137205
SpM1_ChORF0267_s_at	<i>cbf</i>	<i>spy0267</i>	Virulence	Virulence interacting proteins	Extracellular protein	Essential	Essential	-227.11	178.42	268.19	-0.70	4.15E-16	7.91E-06	0.9419169	0.173307
SpM1_ChORF1196_s_at	-	<i>spy1196</i>	Phage	Phage proteins	Hypothetical cytosolic protein	-	-	-231.72	-67.87	228.32	70.66	6.46E-17	7.91E-06	0.0033637	0.001046
SpM1_ChORF1568_s_at	<i>valS</i>	<i>spy1568</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	-235.54	-235.95	-339.08	9.93	1.10E-17	7.91E-06	0.2187039	0.047857

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF1691_s_at	-	<i>spy1691</i>	Unknown	Hypothetical protein	Unknown	-	-	-236.05	12.12	119.21	504.95	0.0003142	9.67E-06	6.40E-13	0.000225
SpM1_ChORF0777_s_at	<i>rexA</i>	<i>spy0777</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-236.21	-201.53	-300.79	-114.41	4.38E-19	7.91E-06	1.71E-08	0.000225
SpM1_ChORF0751_s_at	<i>lig</i>	<i>spy0751</i>	DNA metabolism	Basic DNA replication machinery	DNA replication	-	-	-238.36	-440.39	-476.13	81.41	3.79E-24	7.91E-06	0.0001306	0.000229
SpM1_ChORF0851_s_at	-	<i>spy0851</i>	RNA metabolism	Transcription r egulation		-	-	-241.42	-914.31	-934.63	-210.32	9.55E-23	7.91E-06	0.0009289	0.000378
SpM5_ChORFJ7578C-152_	-	<i>SpyoM5_Chr ORF_J7578C e05.s1c_152</i>	Unknown	Hypothetical protein	Unknown	-	-	-245.76	-46.23	-44.07	-103.14	3.11E-10	7.91E-06	1.10E-05	0.000225
SpM1_ChORF0059_s_at	<i>rpmC</i>	<i>spy0059</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	Essential	Essential	-247.85	-302.27	-528.94	-92.83	4.74E-05	7.97E-06	0.5845293	0.115926
SpM1_ChORF1236_s_at	<i>ciaH</i>	<i>spy1236</i>	RNA metabolism	Transcription r egulation	Signal transduction	-	-	-249.59	-252.40	-261.09	97.28	6.09E-16	7.91E-06	2.84E-07	0.000225
SpM1_ChORF0892_s_at	<i>punA</i>	<i>spy0892</i>	Nucleotides	Nucleotides metabolism	Purine salvage	-	-	-249.70	-223.95	-273.82	-121.08	7.99E-13	7.91E-06	8.12E-07	0.000225
SpM1_ChORF2216_s_at	<i>htrA</i>	<i>spy2216</i>	Stress adaptation	Protein Metabolism	Protein Metabolism	-	-	-251.32	273.86	28.86	4.57	4.71E-11	7.91E-06	0.5865633	0.116263
SpM1_ChORF0395_s_at	<i>clpP</i>	<i>spy0395</i>	Stress adaptation	Protein Metabolism	Protein Metabolism	-	-	-252.43	-309.39	-71.53	76.85	1.13E-06	7.91E-06	0.0075751	0.002224
SpM1_ChORF1787_s_at	-	<i>spy1787</i>	Membrane transport	Membrane transport	Metal ion membrane transport	-	-	-252.60	-104.61	-177.99	-406.57	0.0004628	1.09E-05	7.62E-14	0.000225
SpM12_ChORF246-9_s_at	-	<i>spy0802</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-256.38	161.45	499.03	357.05	1.07E-23	7.91E-06	5.65E-17	0.000225
SpM1_ChORF0780_s_at	<i>mscL</i>	<i>spy0780</i>	Membrane transport	Membrane transport	Membrane ion channel	-	-	-256.57	-39.20	202.55	467.62	1.45E-17	7.91E-06	5.98E-26	0.000225
SpM1_ChORF1281_s_at	<i>sipC</i>	<i>spy1281</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	-256.82	107.40	217.67	44.58	4.87E-12	7.91E-06	0.1096721	0.025407
SpM1_ChORF1464_s_at	-	<i>spy1464</i>	Phage	Phage proteins		-	-	-257.25	-242.43	-169.75	57.21	3.57E-19	7.91E-06	0.0001074	0.000227
SpM1_ChORF1604_s_at	-	<i>spy1604</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-258.06	305.14	673.49	138.98	1.78E-25	7.91E-06	7.83E-05	0.000225
SpM1_ChORF0902_s_at	<i>amiC</i>	<i>spy0902</i>	Unknown	Hypothetical protein	Unknown	-	-	-259.66	-418.43	-1123.93	-150.53	2.31E-08	7.91E-06	0.7560471	0.144165
SpM1_ChORF1689_s_at	<i>glyQ</i>	<i>spy1689</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	-261.15	-432.11	-552.95	-171.10	6.14E-16	7.91E-06	2.99E-05	0.000225
SpM1_ChORF0645_s_at	<i>ftsX</i>	<i>spy0645</i>	Cell shape and division	Cell shape & division	Cell division	-	-	-264.07	-345.27	-260.80	193.04	4.44E-15	7.91E-06	1.33E-11	0.000225
SpM1_ChORF0515_s_at	-	<i>spy0515</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	Essential	-264.29	-409.86	-348.95	-9.43	3.03E-14	7.91E-06	0.7814947	0.148293
SpM1_ChORF1284_s_at	<i>dnaE</i>	<i>spy1284</i>	DNA metabolism	Basic DNA replication machinery	DNA replication	-	-	-266.50	-189.59	-265.70	-46.31	1.43E-14	7.91E-06	0.0084412	0.002464
SpM1_ChORF0075_s_at	<i>infA</i>	<i>spy0075</i>	Protein synthesis	Translation factors	Translation factor	-	-	-266.99	-2267.67	-3091.20	176.93	1.34E-28	7.91E-06	0.2419135	0.052317
SpM12_ChORF217-10_s_at	<i>crgR</i>	<i>spy1870</i>	RNA metabolism	Transcription r egulation		-	-	-270.60	-224.13	-90.24	202.47	7.16E-13	7.91E-06	1.76E-13	0.000225
SpM1_ChORF2172_s_at	-	<i>spy2172</i>	Phage	Phage proteins	Hypothetical cytosolic protein	-	-	-271.26	-244.79	-269.65	-101.76	1.33E-29	7.91E-06	6.52E-15	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF1723_s_at	-	<i>spy1723</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-271.38	-40.33	278.50	-59.83	5.47E-14	7.91E-06	0.2864474	0.060973
SpM1_ChORF0446_s_at	-	<i>spy0446</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-273.01	-241.22	-275.58	-413.46	1.19E-07	7.91E-06	6.62E-18	0.000225
SpM1_ChORF1026_s_at	<i>acoA, pdhB</i>	<i>spy1026</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	-	-277.65	-96.32	-116.11	-95.70	0.0747789	0.000905	0.1013379	0.023695
SpM1_ChORF0898_s_at	<i>cpsY</i>	<i>spy0898</i>	RNA metabolism	Transcription regulation		Essential	Essential	-280.15	-369.54	-359.39	45.54	8.11E-28	7.91E-06	0.0007831	0.000346
SpM1_ChORF2217_s_at	<i>spoJ</i>	<i>spy2217</i>	DNA metabolism	Packaging & segregation	DNA packaging	-	-	-280.35	76.16	252.30	-241.19	7.28E-14	7.91E-06	1.74E-08	0.000225
SpM1_ChORF0584_s_at	<i>ptsK, hprK</i>	<i>spy0584</i>	RNA metabolism	Basic transcription machinery	RNA synthesis regulation	-	-	-282.48	-131.34	-306.72	278.51	1.01E-05	7.91E-06	1.47E-08	0.000225
SpM1_ChORF0352_s_at	-	<i>spy0352</i>	Unknown	Hypothetical protein	Unknown	-	-	-282.92	-319.52	-305.46	48.51	8.17E-30	7.91E-06	1.78E-05	0.000225
SpM1_ChORF1069_s_at	-	<i>spy1069</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-283.14	-248.70	-150.24	-182.15	1.05E-09	7.91E-06	8.82E-10	0.000225
SpM1_ChORF2095_s_at	<i>pepO</i>	<i>spy2095</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-285.38	-346.06	-851.81	46.34	1.92E-22	7.91E-06	0.4813875	0.097675
SpM1_ChORF0948_s_at	-	<i>spy0948</i>	Phage	Phage proteins	Hypothetical cytosolic protein	-	-	-286.82	112.29	592.84	25.93	1.26E-18	7.91E-06	0.4700194	0.095655
SpM1_ChORF1961_s_at	<i>polC</i>	<i>spy1961</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	-287.50	-216.68	-192.87	-188.77	2.48E-17	7.91E-06	8.13E-16	0.000225
SpM1_ChORF2029_s_at	-	<i>spy2029</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-287.90	396.19	597.86	-1.42	7.58E-21	7.91E-06	0.746109	0.142729
SpM1_ChORF1309_s_at	<i>dltD</i>	<i>spy1309</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	-292.03	-252.73	-96.14	-151.43	5.45E-17	7.91E-06	9.94E-10	0.000225
SpM1_ChORF0803_s_at	<i>cmk</i>	<i>spy0803</i>	Nucleotides biosynthesis	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	-295.46	65.17	75.10	442.21	2.39E-14	7.91E-06	4.61E-22	0.000225
SpM1_ChORF0769_s_at	<i>pheT</i>	<i>spy0769</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	-298.52	-366.12	-388.93	-255.80	1.74E-14	7.91E-06	1.93E-12	0.000225
SpM1_ChORF1369_s_at	<i>deaD2</i>	<i>spy1369</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	Essential	-	-301.86	-164.96	51.22	164.46	3.31E-10	7.91E-06	3.52E-05	0.000225
SpM1_ChORF0503_s_at	-	<i>spy0503</i>	Unknown	Hypothetical protein	Unknown	-	-	-308.51	-463.50	-274.69	224.38	0.000101	8.24E-06	0.0004338	0.000277
SpM1_ChORF1308_s_at	-	<i>spy1308</i>	Unknown	Hypothetical protein	Unknown	-	-	-313.83	-257.41	-64.42	-203.20	5.81E-16	7.91E-06	1.35E-11	0.000225
SpM1_ChORF1148_s_at	-	<i>spy1148</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-314.76	-135.57	3.24	24.33	2.34E-05	7.91E-06	0.4214973	0.086674
SpM1_ChORF2115_s_at	-	<i>spy2115</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-316.57	-253.92	-155.84	115.76	3.22E-16	7.91E-06	5.44E-08	0.000225
SpM1_ChORF0936_s_at	<i>cpsFQ</i>	<i>spy0936</i>	Carbohydrate metabolism			Essential	-	-319.92	-427.55	-535.21	-107.24	6.66E-10	7.91E-06	0.029047	0.007641
SpM1_ChORF0879_s_at	-	<i>spy0879</i>	Cofactors			Essential	-	-325.19	-363.19	-227.97	-87.42	2.59E-11	7.91E-06	0.0260147	0.006926

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0278_s_at	-	<i>spy0278</i>	Unknown	Hypothetical protein	Unknown	-	-	-325.88	-206.55	-230.08	75.87	6.61E-12	7.91E-06	0.0153897	0.004279
SpM1_ChORF0924_s_at	<i>elaC</i>	<i>spy0924</i>	Unknown	Conserved protein	Unknown	-	-	-327.89	-449.90	-319.92	95.12	1.22E-13	7.91E-06	0.0004625	0.000282
SpM1_ChORF0910_s_at	<i>parC</i>	<i>spy0910</i>	DNA metabolism	Packaging & segregation	DNA packaging	-	-	-328.55	-443.51	-356.98	-116.80	6.55E-20	7.91E-06	0.0003701	0.000265
SpM1_ChORF1389_s_at	<i>alaS</i>	<i>spy1389</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	Essential	-	-331.55	-470.87	-606.57	-210.41	3.22E-20	7.91E-06	4.32E-08	0.000225
SpM1_ChORF1519_s_at	-	<i>spy1519</i>	Unknown	Hypothetical protein	Unknown	-	-	-331.59	-339.99	-950.46	-224.71	6.75E-19	7.91E-06	1.60E-05	0.000225
SpM1_ChORF0781_s_at	<i>dnaG</i>	<i>spy0781</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	-332.36	-404.51	-202.15	-27.08	5.46E-07	7.91E-06	0.7145878	0.137679
SpM1_ChORF1825_at	<i>uvrA</i>	<i>spy1825</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-332.77	-204.74	-170.65	87.88	2.18E-17	7.91E-06	2.28E-06	0.000225
SpM1_ChORF0080a_s_at	<i>rpIQ</i>	<i>spy0080a</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	-337.39	-1524.24	-1899.45	54.16	1.20E-32	7.91E-06	0.4202456	0.086518
SpM1_ChORF2080_s_at	<i>ahpF</i>	<i>spy2080</i>	Stress adaptation	Oxidative stress	Oxidative stress	-	-	-338.64	1490.74	2609.64	-324.15	9.31E-23	7.91E-06	0.0145514	0.004062
SpM1_ChORF1629_s_at	<i>priA</i>	<i>spy1629</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	-339.25	-21.88	-1.08	-73.30	1.44E-09	7.91E-06	0.0790262	0.01888
SpM1_ChORF0593_s_at	-	<i>spy0593</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-341.67	751.40	438.47	335.52	9.08E-18	7.91E-06	5.88E-07	0.000225
SpM1_ChORF1029_s_at	<i>acoC</i>	<i>spy1029</i>	Other	Unknown	Unknown	-	-	-342.00	171.21	204.33	-231.22	0.0001236	8.37E-06	0.0021992	0.00072
SpM1_ChORF1832_s_at	-	<i>spy1832</i>	Unknown	Hypothetical protein	Unknown	-	-	-343.45	-204.27	-234.05	442.43	0.0002684	9.33E-06	2.57E-11	0.000225
SpM49_ChORF391-1_s_at	-	<i>SpyoM49_Chr ORF_sp001_0_391_1</i>	Unknown	Hypothetical protein	Unknown	-	-	-344.65	-411.56	-486.20	40.50	2.57E-18	7.91E-06	0.1359684	0.030818
SpM1_ChORF0933_s_at	<i>cpsFO</i>	<i>spy0933</i>	Carbohydrate metabolism			Essential	Essential	-347.07	-348.90	-489.07	-6.29	1.02E-12	7.91E-06	0.5672387	0.112943
SpM1_ChORF1831_s_at	<i>rpsF</i>	<i>spy1831</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	-347.77	-2424.73	-2902.01	8.00	2.19E-13	7.91E-06	0.8174561	0.15445
SpM1_ChORF0853_s_at	<i>fruR</i>	<i>spy0853</i>	RNA metabolism	Transcription r egulation		Essential	-	-349.76	-213.10	-358.67	65.68	1.76E-10	7.91E-06	0.0322641	0.008393
SpM18_ChORF1719_s_at	<i>trxB</i>	<i>spyM18_1719</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-351.32	-225.89	52.34	244.66	2.49E-15	7.91E-06	5.91E-11	0.000225
SpM1_ChORF0406_s_at	-	<i>spy0406</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-351.82	-135.33	12.20	15.63	3.15E-12	7.91E-06	0.62505	0.122853
SpM1_ChORF1518_s_at	-	<i>spy1518</i>	Unknown	Hypothetical protein	Unknown	-	-	-351.98	-464.90	-1455.21	-262.45	1.29E-18	7.91E-06	0.0019504	0.000648
SpM1_ChORF2173_s_at	-	<i>spy2173</i>	Phage	Phage proteins	Hypothetical cytosolic protein	-	-	-352.60	-322.99	-355.97	-120.73	3.60E-38	7.91E-06	6.38E-19	0.000225
SpM1_ChORF1192_s_at	<i>citC</i>	<i>spy1192</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-357.35	-66.06	273.26	166.41	1.45E-14	7.91E-06	9.29E-05	0.000226
SpM1_ChORF1577_s_at	<i>aroB</i>	<i>spy1577</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	-	-	-358.06	-399.38	-305.95	31.75	1.49E-29	7.91E-06	0.0006494	0.000316

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1146_s_at	-	<i>spy1146</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-359.98	-246.56	-415.37	14.68	2.54E-13	7.91E-06	0.2684623	0.057423
SpM1_ChORF1801_s_at	<i>isp2</i>	<i>spy1801</i>	Virulence	Virulence interacting proteins	Extracellular protein	-	-	-364.46	317.97	761.90	1800.55	2.27E-09	7.91E-06	3.33E-25	0.000225
SpM1_ChORF1390_s_at	<i>surA, prsA</i>	<i>spy1390</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	-366.82	-1155.87	-1359.50	49.71	8.55E-16	7.91E-06	0.3666549	0.076562
SpM1_ChORF0078_s_at	<i>tpsK</i>	<i>spy0078</i>	Protein synthesis	Ribosomal proteins	Ribosomal protein	-	-	-370.03	-1887.27	-2454.35	155.54	1.11E-31	7.91E-06	0.1014944	0.023715
SpM1_ChORF0450_s_at	<i>scaR</i>	<i>spy0450</i>	RNA metabolism	Transcription r egulation		-	-	-370.09	-248.48	-360.77	-32.98	1.33E-12	7.91E-06	0.2309863	0.050108
SpM1_ChORF0800_s_at	-	<i>spy0800</i>	Virulence	Virulence interacting proteins	Lantibiotic, Quorum sensing	Essential	Essential	-377.37	53.54	299.02	397.21	1.27E-25	7.91E-06	4.13E-22	0.000225
SpM1_ChORF1711_s_at	<i>gatA</i>	<i>spy1711</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-381.89	-259.80	-89.03	231.55	5.89E-18	7.91E-06	4.08E-13	0.000225
SpM1_ChORF1057_s_at	-	<i>spy1057</i>	Unknown	Hypothetical protein	Unknown	-	-	-383.52	-291.18	-16.67	218.30	1.69E-16	7.91E-06	1.21E-09	0.000225
SpM1_ChORF0756_s_at	<i>atpF</i>	<i>spy0756</i>	Carbohydrate metabolism	Bioenergetics	Bioenergetics	Essential	-	-387.99	-804.19	-945.55	-307.91	6.05E-34	7.91E-06	2.76E-16	0.000225
SpM1_ChORF1687_s_at	-	<i>spy1687</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-388.08	-214.29	-348.33	-191.49	7.03E-12	7.91E-06	2.77E-06	0.000225
SpM1_ChORF0183_s_at	<i>opuAA</i>	<i>spy0183</i>	Membrane transport	Membrane transport	Osmoprotectant membrane transport	-	-	-390.43	-258.69	410.31	95.25	3.05E-18	7.91E-06	0.0054658	0.001637
SpM1_ChORF0187_s_at	<i>perR</i>	<i>spy0187</i>	RNA metabolism	Transcription r egulation		-	-	-390.80	51.06	-5.74	145.05	8.27E-08	7.91E-06	0.0090794	0.002622
SpM1_ChORF0894_s_at	<i>deoD2</i>	<i>spy0894</i>	Nucleotides	Nucleotides metabolism	Purine salvage	-	-	-391.87	-554.44	-692.93	-285.43	3.26E-11	7.91E-06	2.20E-05	0.000225
SpM1_ChORF1311_s_at	<i>dltB</i>	<i>spy1311</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	-392.08	-367.28	-314.01	-87.99	7.29E-29	7.91E-06	2.73E-07	0.000225
SpM1_ChORF0903_s_at	-	<i>spy0903</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-392.40	-369.77	-983.37	-22.54	2.95E-10	7.91E-06	0.621686	0.122328
SpM1_ChORF2097_s_at	-	<i>spy2097</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-399.43	-352.43	-203.75	107.36	2.49E-24	7.91E-06	2.67E-08	0.000225
SpM1_ChORF0516_s_at	-	<i>spy0516</i>	Cell envelope	Cell wall	Fatty acid biosynthesis	Essential	Essential	-406.77	-407.76	-290.53	-2.07	2.87E-18	7.91E-06	0.7236795	0.13905
SpM1_ChORF0357_s_at	-	<i>spy0357</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-406.92	-801.78	-649.70	-76.01	5.09E-22	7.91E-06	0.1158855	0.026775
SpM1_ChORF0266_s_at	-	<i>spy0266</i>	Unknown	Hypothetical extracellular protein	Unknown	Essential	-	-411.85	242.35	391.41	19.67	1.11E-16	7.91E-06	0.5321039	0.106794
SpM1_ChORF2000_s_at	<i>dppA</i>	<i>spy2000</i>	Membrane transport	Membrane transport	Peptide membrane transport	-	-	-414.37	-486.05	-498.17	-955.08	3.60E-21	7.91E-06	3.08E-45	0.000225
SpM1_ChORF1798_s_at	-	<i>spy1798</i>	Unknown	Hypothetical protein	Unknown	-	-	-414.50	-453.40	-419.12	-433.83	5.73E-18	7.91E-06	1.38E-22	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF2027_s_at	<i>irr</i>	<i>spy2027</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	-414.97	452.26	631.78	36.73	1.89E-18	7.91E-06	0.9129705	0.168334
SpM1_ChORF1962_s_at	<i>proS</i>	<i>spy1962</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	-421.80	-255.23	-301.50	-218.20	3.57E-07	7.91E-06	6.46E-06	0.000225
SpM1_ChORF0224_s_at	<i>hasC.2</i>	<i>spy0224</i>	Carbohydrate metabolism	Carbohydrate biosynthesis		-	-	-427.79	-206.46	-127.00	-160.29	2.65E-09	7.91E-06	0.0003736	0.000265
SpM1_ChORF1678_s_at	-	<i>spy1678</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-429.33	2493.32	2727.86	444.51	1.77E-25	7.91E-06	0.0042178	0.001293
SpM1_ChORF0182_s_at	-	<i>spy0182</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	-431.41	3525.64	4360.66	951.48	4.01E-26	7.91E-06	2.22E-05	0.000225
SpM1_ChORF0330_s_at	<i>lemA</i>	<i>spy0330</i>	Unknown	Hypothetical membrane protein	Unknown	-	-	-432.70	-730.70	-1027.98	189.81	5.23E-15	7.91E-06	0.0407473	0.01032
SpM1_ChORF0379_s_at	<i>pflC</i>	<i>spy0379</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-437.69	-294.71	-250.01	185.01	1.60E-21	7.91E-06	3.75E-13	0.000225
SpM1_ChORF0935_s_at	<i>cpsFP</i>	<i>spy0935</i>	Carbohydrate metabolism			-	-	-438.62	-537.07	-733.94	-202.97	1.02E-17	7.91E-06	3.78E-06	0.000225
SpM1_ChORF0773_s_at	-	<i>spy0773</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-440.81	-452.00	-468.05	-3.39	8.50E-15	7.91E-06	0.8540659	0.159396
SpM1_ChORF0158_s_at	-	<i>spy0158</i>	Unknown	Hypothetical protein	Unknown	-	-	-440.95	-181.83	-338.86	28.74	4.00E-16	7.91E-06	0.6589206	0.12829
SpM1_ChORF0757_s_at	<i>atpH</i>	<i>spy0757</i>	Carbohydrate metabolism	Bioenergetics	Bioenergetics	Essential	-	-442.41	-743.48	-891.03	-315.17	8.70E-29	7.91E-06	8.57E-15	0.000225
SpM1_ChORF0339_s_at	<i>dnaB</i>	<i>spy0339</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	-446.21	-97.75	-214.49	454.22	0.0021379	2.91E-05	8.22E-07	0.000225
SpM1_ChORF1644_s_at	-	<i>spy1644</i>	Unknown	Hypothetical protein	Unknown	-	-	-446.25	-206.01	266.91	10.24	2.60E-17	7.91E-06	0.6262437	0.12295
SpM1_ChORF0439_s_at	-	<i>spy0439</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-448.76	-427.53	-540.67	32.06	4.52E-21	7.91E-06	0.3985728	0.082443
SpM1_ChORF0532_s_at	<i>smc</i>	<i>spy0532</i>	DNA metabolism	Packaging & segregation	DNA packaging	-	-	-451.03	-597.43	-660.55	-86.86	6.51E-41	7.91E-06	9.02E-08	0.000225
SpM1_ChORF1310_s_at	<i>dltC</i>	<i>spy1310</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	-453.49	-380.11	-227.91	-158.01	3.15E-18	7.91E-06	6.54E-07	0.000225
SpM1_ChORF0504_s_at	-	<i>spy0504</i>	Unknown	Hypothetical protein	Unknown	-	-	-457.66	-353.49	-75.01	163.71	3.79E-11	7.91E-06	2.48E-05	0.000225
SpM1_ChORF0799_s_at	<i>pepT</i>	<i>spy0799</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-465.98	70.57	304.18	539.66	1.92E-22	7.91E-06	1.71E-22	0.000225
SpM1_ChORF1156_s_at	-	<i>spy1156</i>	Unknown	Hypothetical protein	Unknown	-	-	-467.34	-68.79	689.43	125.68	8.64E-23	7.91E-06	0.003145	0.000985
SpM1_ChORF0886_s_at	-	<i>spy0886</i>	Other	GTP-binding protein	GTP-binding	Essential	-	-468.78	-856.80	-1099.55	-184.23	8.07E-21	7.91E-06	0.0069955	0.002062
SpM1_ChORF0127_at	-	<i>spy0127</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	-469.02	-859.94	-1073.09	34.67	1.21E-27	7.91E-06	0.2049334	0.045097
SpM12_ChORF273-5_s_at	-	<i>spy0331</i>	Unknown	Hypothetical protein	Unknown	-	-	-470.82	-460.95	-678.64	-0.03	1.11E-16	7.91E-06	0.4407298	0.09047
SpM1_ChORF0588_s_at	-	<i>spy0588</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-477.74	26.25	-64.81	38.39	4.84E-11	7.91E-06	0.5292682	0.106327

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF0926_s_at	<i>recJ</i>	<i>spy0926</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-480.24	-449.03	-346.11	159.35	7.21E-24	7.91E-06	7.70E-11	0.000225
SpM1_ChORF1415_s_at	<i>deaD</i>	<i>spy1415</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	-493.58	-634.95	-370.88	37.09	2.42E-06	7.91E-06	0.2166431	0.047584
SpM1_ChORF0885_s_at	<i>clpX</i>	<i>spy0885</i>	Stress adaptation	Protein Metabolism	Protein Metabolism	-	-	-495.09	-828.74	-1049.75	-144.33	2.32E-20	7.91E-06	0.0204515	0.005576
SpM1_ChORF1981_s_at	<i>relA</i>	<i>spy1981</i>	Stress adaptation	Phosphorus metabolism	PpGpp metabolism	-	-	-495.36	-454.72	-675.67	-761.40	3.14E-09	7.91E-06	5.46E-18	0.000225
SpM1_ChORF1753_s_at	<i>acpP</i>	<i>spy1753</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-498.67	-550.40	-560.67	-124.78	2.91E-32	7.91E-06	4.36E-11	0.000225
SpM1_ChORF0130_at	-	<i>spy0130</i>	Unknown	Hypothetical protein	Unknown	-	-	-501.52	-471.77	-805.64	71.49	5.07E-19	7.91E-06	0.036017	0.009266
SpM1_ChORF1068_s_at	<i>uvrC</i>	<i>spy1068</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-501.79	-214.53	-39.64	-114.43	2.00E-16	7.91E-06	0.001166	0.000437
SpM1_ChORF2072_s_at	<i>groES</i>	<i>spy2072</i>	Protein synthesis	Protein folding & modification	Protein folding	-	-	-517.28	-198.14	326.36	403.31	9.20E-11	7.91E-06	2.97E-07	0.000225
SpM1_ChORF0184_s_at	<i>opuABC</i>	<i>spy0184</i>	Membrane transport	Membrane transport	Osmoprotectant membrane transport	-	-	-519.88	-444.71	255.19	-60.58	1.27E-11	7.91E-06	0.9477319	0.174195
SpM1_ChORF1626_s_at	<i>pppL/stp1</i>	<i>spy1626</i>	RNA metabolism	Transcription regulation	Hypothetical cytosolic protein	-	-	-526.65	-271.38	13.78	-66.30	5.57E-16	7.91E-06	0.1692298	0.03776
SpM1_ChORF1643_s_at	-	<i>spy1643</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	-542.05	-793.42	-565.45	-92.13	2.42E-11	7.91E-06	0.1567893	0.035118
SpM1_ChORF1922_s_at	<i>lacB.2</i>	<i>spy1922</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-542.35	-537.81	-391.49	5.83	1.47E-22	7.91E-06	0.5107256	0.103151
SpM1_ChORF1463_s_at	-	<i>spy1463</i>	Phage	Phage proteins		-	-	-543.01	-436.23	-267.54	154.05	1.62E-20	7.91E-06	1.87E-07	0.000225
SpM1_ChORF1386_s_at	-	<i>spy1386</i>	RNA metabolism	Transcription regulation		-	-	-561.27	343.47	777.13	461.55	1.41E-18	7.91E-06	1.74E-09	0.000225
SpM1_ChORF0380_s_at	<i>ppaC</i>	<i>spy0380</i>	Other	Regulation	Inorganic pyrophosphatase	-	-	-565.08	-514.25	-651.34	155.85	1.38E-17	7.91E-06	0.0002013	0.000237
SpM1_ChORF0273_s_at	<i>fus</i>	<i>spy0273</i>	Protein synthesis	Translation factors	Translation factor	Essential	-	-568.79	-632.95	-442.59	27.13	2.94E-11	7.91E-06	0.1420004	0.032092
SpM1_ChORF0186_s_at	-	<i>spy0186</i>	Unknown	Hypothetical cytosolic protein	Unknown	-	-	-570.25	-192.96	-271.00	391.91	2.29E-09	7.91E-06	1.88E-10	0.000225
SpM1_ChORF1917_s_at	<i>lacE</i>	<i>spy1917</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-573.69	-496.23	-211.70	83.19	1.02E-20	7.91E-06	0.0032312	0.00101
SpM1_ChORF1921_s_at	<i>lacC.2</i>	<i>spy1921</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-575.13	-519.22	-374.37	73.79	5.95E-28	7.91E-06	0.000175	0.000233
SpM1_ChORF0867_s_at	-	<i>spy0867</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-590.76	-380.17	-22.70	42.50	2.48E-15	7.91E-06	0.0648109	0.015806
SpM1_ChORF1316_s_at	<i>glnQ.2</i>	<i>spy1316</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-591.18	-671.77	-631.28	-74.79	5.75E-15	7.91E-06	0.1239968	0.028425

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1724_s_at	<i>nusA</i>	<i>spy1724</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	-601.22	-115.52	350.04	-94.39	2.54E-17	7.91E-06	0.2620024	0.056178
SpM1_ChORF0500_s_at	-	<i>spy0500</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-604.68	-319.04	-330.86	73.28	9.89E-16	7.91E-06	0.0205498	0.005598
SpM1_ChORF1301_at	<i>malC</i>	<i>spy1301</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-607.72	995.91	3690.00	969.88	1.22E-27	7.91E-06	6.09E-09	0.000225
SpM1_ChORF2059_s_at	<i>pbp2A</i>	<i>spy2059</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	-620.47	-678.44	-767.42	172.12	1.93E-29	7.91E-06	5.39E-10	0.000225
SpM1_ChORF0044_s_at	<i>adhA</i>	<i>spy0044</i>	Carbohydrate metabolism	Bioenergetics		-	-	-630.37	148.35	319.95	242.18	4.24E-16	7.91E-06	0.0003841	0.000267
SpM18_ChORF0043_s_at	<i>purK</i>	<i>spyM18_0043</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	-641.39	-877.73	-782.33	-162.99	2.00E-14	7.91E-06	0.0193786	0.005308
SpM1_ChORF1780_s_at	-	<i>spy1780</i>	RNA metabolism	Transcription regulation		-	-	-643.96	551.12	428.55	167.93	3.09E-12	7.91E-06	0.1791957	0.039782
SpM1_ChORF1399_s_at	<i>nagB</i>	<i>spy1399</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-650.64	-247.66	277.40	571.16	1.53E-16	7.91E-06	3.13E-14	0.000225
SpM1_ChORF1937_s_at	-	<i>spy1937</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-650.98	-947.32	-1066.50	-5.97	4.91E-37	7.91E-06	0.8159134	0.154242
SpM1_ChORF1806_s_at	-	<i>spy1806</i>	Unknown	Hypothetical protein	Unknown	-	-	-656.22	-479.92	-199.85	24.75	6.05E-24	7.91E-06	0.1268722	0.029047
SpM1_ChORF0128_at	-	<i>spy0128</i>	Unknown	Hypothetical protein	Unknown	-	-	-664.11	-962.80	-1282.19	62.27	3.77E-25	7.91E-06	0.1055606	0.024532
SpM1_ChORF2073_s_at	<i>clpC</i>	<i>spy2073</i>	Stress adaptation	Protein Metabolism	Protein Metabolism	-	-	-665.72	-251.03	21.67	-63.28	7.87E-14	7.91E-06	0.230711	0.050106
SpM1_ChORF1128_s_at	<i>pta</i>	<i>spy1128</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	-680.34	-488.07	-400.64	9.62	3.82E-21	7.91E-06	0.9639243	0.176801
SpM1_ChORF2026_s_at	<i>ihk</i>	<i>spy2026</i>	RNA metabolism	Transcription regulation	Signal transduction	-	-	-685.14	512.91	804.38	26.51	5.44E-22	7.91E-06	0.9488663	0.174312
SpM1_ChORF2174_s_at	-	<i>spy2174</i>	Phage	Phage proteins		-	-	-692.72	-591.40	-662.78	-258.51	1.04E-35	7.91E-06	7.08E-20	0.000225
SpM1_ChORF1304_at	<i>amyB</i>	<i>spy1304</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-693.00	1197.77	2260.56	815.95	3.77E-24	7.91E-06	1.89E-08	0.000225
SpM1_ChORF1282_s_at	<i>pyk, pykA</i>	<i>spy1282</i>	Carbohydrate metabolism	Bioenergetics	Glycolysis	-	-	-698.68	-1506.21	-1509.01	-164.15	4.85E-30	7.91E-06	0.0046023	0.001398
SpM1_ChORF1681_s_at	<i>npx/nox.2</i>	<i>spy1681</i>	Stress adaptation	Oxidative stress	Oxidative stress	-	-	-700.94	1164.11	699.17	251.60	7.58E-15	7.91E-06	0.0777791	0.018594
SpM1_ChORF0644_s_at	<i>ftsE</i>	<i>spy0644</i>	Cell shape and division	Cell shape & division	Cell division	-	-	-703.79	-876.93	-881.55	436.44	8.58E-19	7.91E-06	3.79E-11	0.000225
SpM1_ChORF0340_s_at	<i>dnal</i>	<i>spy0340</i>	DNA metabolism	Basic replication machinery	DNA replication	-	-	-707.69	168.38	284.69	498.10	1.16E-15	7.91E-06	2.87E-10	0.000225
SpM1_ChORF1694_s_at	<i>nagA</i>	<i>spy1694</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-720.63	-255.75	341.18	411.70	5.00E-27	7.91E-06	9.33E-15	0.000225
SpM1_ChORF1710_s_at	-	<i>spy1710</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-729.63	-410.22	-80.22	502.16	1.53E-20	7.91E-06	7.54E-17	0.000225
SpM1_ChORF0782_s_at	<i>rpoD</i>	<i>spy0782</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	-735.41	-911.97	-773.42	-392.75	3.43E-12	7.91E-06	7.91E-06	0.000225
SpM1_ChORF0430_at	-	<i>spy0430</i>	Unknown	Hypothetical protein	Unknown	-	-	-740.85	157.72	-172.17	652.82	5.77E-10	7.91E-06	1.74E-09	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1100_s_at	<i>folK</i>	<i>spy1100</i>	Cofactors	Folate	Folate biosynthesis	-	-	-741.16	-685.40	-742.74	190.37	2.26E-27	7.91E-06	1.64E-08	0.000225
SpM1_ChORF0758_s_at	<i>atpA</i>	<i>spy0758</i>	Carbohydrate metabolism	Bioenergetics	Bioenergetics	Essential	-	-763.16	-2111.40	-2601.91	-1070.20	4.03E-30	7.91E-06	2.69E-17	0.000225
SpM1_ChORF1719_s_at	<i>rbfA</i>	<i>spy1719</i>	Protein synthesis	Translation factors	Translation factor	-	-	-774.08	-39.31	550.94	31.88	1.07E-17	7.91E-06	0.3643522	0.076126
SpM1_ChORF1688_at	<i>glyS</i>	<i>spy1688</i>	Protein synthesis	tRNA synthetases	tRNA synthetase	-	-	-774.78	-688.37	-925.94	-344.32	1.37E-15	7.91E-06	1.65E-06	0.000225
SpM1_ChORF0129_at	<i>eftLSL.B</i>	<i>spy0129</i>	Unknown	Hypothetical protein	Unknown	-	-	-780.95	-1021.43	-1446.56	157.03	8.92E-25	7.91E-06	0.0019807	0.000657
SpM1_ChORF1923_s_at	<i>lacA.2</i>	<i>spy1923</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-781.96	-713.12	-529.06	46.92	4.41E-27	7.91E-06	0.0387711	0.009895
SpM1_ChORF2077_x_at	<i>csp</i>	<i>spy2077</i>	Stress adaptation	Cold shock proteins	Cold shock proteins	-	-	-784.96	-1001.16	-1049.77	57.51	6.92E-26	7.91E-06	0.0642656	0.015695
SpM1_ChORF1211_s_at	-	<i>spy1211</i>	Nucleotides	Nucleotides biosynthesis	Purine biosynthesis	-	-	-787.65	-883.24	-517.41	108.50	3.35E-16	7.91E-06	0.0355908	0.009163
SpM1_ChORF1314_s_at	<i>uvrB</i>	<i>spy1314</i>	DNA metabolism	DNA replication, modification & repair	DNA replication, modification & repair	-	-	-793.96	-826.97	-778.73	72.24	8.43E-39	7.91E-06	5.38E-05	0.000225
SpM1_ChORF0832_s_at	<i>pyrB</i>	<i>spy0832</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	-806.30	-1031.25	-1976.20	343.16	2.90E-07	7.91E-06	0.0338946	0.008758
SpM1_ChORF0833_s_at	<i>carA</i>	<i>spy0833</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	-806.31	-1405.15	-2249.45	321.05	1.05E-08	7.91E-06	0.0470142	0.01176
SpM1_ChORF0890_s_at	<i>deoB</i>	<i>spy0890</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-830.36	-982.35	-1189.37	-209.17	4.69E-18	7.91E-06	0.0024975	0.000804
SpM1_ChORF0341_s_at	<i>pgdA</i>	<i>spy0341</i>	Other	GTP-binding protein	GTP-binding	-	-	-832.10	-30.67	167.35	810.41	1.47E-11	7.91E-06	6.71E-14	0.000225
SpM1_ChORF1651_s_at	<i>pepC</i>	<i>spy1651</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-840.32	-948.16	-1202.19	-227.07	1.44E-21	7.91E-06	1.04E-05	0.000225
SpM1_ChORF0818_s_at	<i>capA</i>	<i>spy0818</i>	Unknown	Hypothetical protein	Unknown	-	-	-845.60	-581.32	-238.80	16.79	3.98E-22	7.91E-06	0.4112069	0.084806
SpM1_ChORF1099_s_at	<i>folQ</i>	<i>spy1099</i>	Cofactors	Folate	Folate biosynthesis	Essential	-	-850.15	-766.09	-848.31	195.84	9.07E-29	7.91E-06	1.88E-08	0.000225
SpM1_ChORF2013_s_at	<i>tnp</i>	<i>spy2013</i>	Mobile Genetic Element	Mobile Genetic Element	Transposase	-	-	-865.47	-784.65	-728.77	99.29	2.06E-38	7.91E-06	3.77E-07	0.000225
SpM1_ChORF1938_s_at	-	<i>spy1938</i>	RNA metabolism	RNA modification	RNA modification	-	-	-883.18	-1138.28	-1414.34	114.15	5.98E-31	7.91E-06	0.0207806	0.005652
SpM18_ChORF0084_s_at	-	<i>spyM18_0084</i>	Unknown	Hypothetical protein	Unknown	-	-	-889.93	-34.70	1148.78	85.17	1.33E-10	7.91E-06	0.2872695	0.061111
SpM1_ChORF1721_s_at	<i>infB</i>	<i>spy1721</i>	Protein synthesis	Translation factors	Translation factor	-	-	-892.09	-217.38	415.31	-30.89	1.20E-21	7.91E-06	0.6776228	0.131567
SpM1_ChORF0080_s_at	<i>rpoA</i>	<i>spy0080</i>	RNA metabolism	Basic transcription machinery	Basic transcription machinery	-	-	-893.84	-2311.69	-2941.69	228.60	4.08E-32	7.91E-06	0.0273849	0.007252
SpM1_ChORF0470_s_at	-	<i>spy0470</i>	Virulence	Virulence interacting proteins	Cell surface protein	-	-	-907.71	-550.21	-344.65	412.01	3.14E-30	7.91E-06	2.07E-20	0.000225
SpM1_ChORF0317_s_at	-	<i>spy0317</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-917.65	-1108.61	-1158.04	391.41	1.13E-26	7.91E-06	3.02E-12	0.000225
SpM1_ChORF1096_s_at	<i>folC.1</i>	<i>spy1096</i>	Cofactors	Folate	Folate biosynthesis	-	-	-918.94	-1021.47	-1037.05	510.40	1.90E-22	7.91E-06	4.10E-15	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM12_ChORF251-6_at	-	<i>SpyoM12_ChORF_251_6</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-936.51	-513.15	-527.27	638.56	6.39E-10	7.91E-06	8.82E-11	0.000225
SpM1_ChORF0441_s_at	-	<i>spy0441</i>	Unknown	Hypothetical protein	Unknown	-	-	-949.05	-870.17	-911.50	-49.48	6.83E-40	7.91E-06	0.0393446	0.010012
SpM1_ChORF1070_s_at	-	<i>spy1070</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-951.56	-882.91	-1007.75	-481.34	1.76E-19	7.91E-06	2.40E-13	0.000225
SpM1_ChORF0888_s_at	<i>clpL</i>	<i>spy0888</i>	Stress adaptation	Metabolism	Metabolism	Essential	-	-953.01	503.78	1568.03	923.66	6.26E-26	7.91E-06	4.61E-14	0.000225
SpM1_ChORF0511_s_at	<i>gloA</i>	<i>spy0511</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-953.59	-418.76	-449.30	117.63	1.86E-22	7.91E-06	0.0036297	0.001118
SpM1_ChORF1339_s_at	-	<i>spy1339</i>	Unknown	Hypothetical protein	Unknown	-	-	-953.84	-547.19	-576.27	364.25	2.49E-20	7.91E-06	2.56E-10	0.000225
SpM1_ChORF1503_s_at	-	<i>spy1503</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-986.53	-533.60	-527.00	14.81	4.06E-14	7.91E-06	0.736952	0.141137
SpM1_ChORF1627_s_at	<i>sunL</i>	<i>spy1627</i>	RNA metabolism	RNA modification	RNA modification	-	-	-990.47	-604.91	-399.98	-149.03	1.75E-21	7.91E-06	0.0106595	0.003033
SpM3_ChORF0158_s_at	-	<i>SpyM3_0158</i>	Unknown	Hypothetical protein	Unknown	-	-	-992.31	-807.00	-342.66	-68.78	4.47E-16	7.91E-06	0.6316055	0.123657
SpM1_ChORF1306_at	<i>malX</i>	<i>spy1306</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-995.38	1713.38	1731.48	813.47	7.40E-22	7.91E-06	2.30E-06	0.000225
SpM1_ChORF2070_s_at	<i>groEL</i>	<i>spy2070</i>	Protein synthesis	Protein folding & modification	Protein folding	-	-	-1007.84	-712.55	-389.30	455.88	1.18E-05	7.91E-06	0.0013402	0.000482
SpM49_ChORF356-2_s_at	-	<i>SpyoM49_ChORF_sp001_0_356_2</i>	Unknown	Hypothetical protein	Unknown	-	-	-1071.19	-831.37	-262.40	342.17	1.62E-19	7.91E-06	1.09E-06	0.000225
SpM1_ChORF1097_s_at	<i>folE</i>	<i>spy1097</i>	Cofactors	Folate	Folate biosynthesis	-	-	-1077.01	-1045.76	-1244.19	247.43	1.45E-29	7.91E-06	3.44E-07	0.000225
SpM1_ChORF1436_s_at	<i>mf3</i>	<i>spy1436</i>	Phage	Phage proteins		-	-	-1092.80	-112.95	335.33	1710.10	4.16E-22	7.91E-06	4.08E-32	0.000225
SpM1_ChORF2025_s_at	<i>isp</i>	<i>spy2025</i>	Virulence	Virulence interacting proteins	Extracellular protein	-	-	-1094.79	845.29	984.89	206.62	3.63E-23	7.91E-06	0.2019638	0.044555
SpM1_ChORF0919_at	-	<i>spy0919</i>	Unknown	Hypothetical protein	Unknown	-	-	-1120.75	-890.61	-1304.03	228.16	4.79E-20	7.91E-06	0.0015789	0.000546
SpM1_ChORF0577_at	-	<i>spy0577</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-1132.76	-1163.95	-1517.77	-322.66	5.77E-22	7.91E-06	5.91E-06	0.000225
SpM1_ChORF0760_s_at	<i>atpD</i>	<i>spy0760</i>	Carbohydrate metabolism	Bioenergetics	Bioenergetics	-	-	-1141.26	-1145.90	-1264.92	-457.20	3.69E-25	7.91E-06	2.89E-12	0.000225
SpM1_ChORF0583_s_at	-	<i>spy0583</i>	Stress adaptation	Stress proteins	Stress proteins	-	-	-1143.75	-1175.02	-1254.95	-38.00	1.66E-32	7.91E-06	0.6303693	0.123622
SpM1_ChORF1398_s_at	-	<i>spy1398</i>	RNA metabolism	RNA modification	RNA modification	-	-	-1156.28	-522.00	176.84	994.24	3.77E-19	7.91E-06	5.93E-19	0.000225
SpM1_ChORF1686_s_at	-	<i>spy1686</i>	Unknown	Hypothetical protein	Unknown	-	-	-1183.08	-372.62	323.09	3.54	1.58E-21	7.91E-06	0.6525566	0.127192
SpM1_ChORF1315_s_at	<i>glnH</i>	<i>spy1315</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-1199.52	-1510.54	-1515.89	-9.82	4.02E-15	7.91E-06	0.8429251	0.157736
SpM1_ChORF1693_s_at	-	<i>spy1693</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-1199.82	340.03	652.44	708.38	5.06E-30	7.91E-06	2.76E-15	0.000225
SpM1_ChORF1511_s_at	-	<i>spy1511</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-1227.27	-619.01	-246.56	348.30	8.50E-19	7.91E-06	3.01E-06	0.000225

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF2032_s_at	-	<i>spy2032</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-1230.51	1102.70	757.15	-153.28	8.67E-15	7.91E-06	0.1194927	0.027518
SpM1_ChORF1406_s_at	<i>sodA</i>	<i>spy1406</i>	Stress adaptation	Oxidative stress	Oxidative stress	-	-	-1234.64	-465.29	-742.79	-126.23	9.45E-09	7.91E-06	0.1297711	0.029618
SpM1_ChORF1371_s_at	<i>gapN</i>	<i>spy1371</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-1244.60	-1990.42	-2219.65	-490.44	2.18E-26	7.91E-06	7.05E-08	0.000225
SpM1_ChORF1302_at	<i>amyA</i>	<i>spy1302</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-1324.87	1420.15	3529.25	1335.64	3.12E-30	7.91E-06	3.60E-12	0.000225
SpM3_ChORF1092_s_at	<i>holA</i>	<i>SpyM3_1092</i>	Unknown	Hypothetical protein	Unknown	-	-	-1355.07	-932.35	-503.33	-1849.51	1.35E-10	7.91E-06	9.15E-23	0.000225
SpM1_ChORF1312_s_at	<i>dltA</i>	<i>spy1312</i>	Cell envelope	Cell wall	Peptidoglycan biosynthesis	-	-	-1359.24	-1325.25	-1260.59	-116.52	5.53E-43	7.91E-06	0.0026783	0.000852
SpM1_ChORF0759_s_at	<i>atpG</i>	<i>spy0759</i>	Carbohydrate metabolism	Bioenergetics	Bioenergetics	-	-	-1359.42	-2061.44	-2249.75	-937.81	2.38E-24	7.91E-06	3.06E-14	0.000225
SpM18_ChORF1214_s_at	-	<i>spyM18_1214</i>	Unknown	Hypothetical protein	Unknown	-	-	-1379.49	-149.55	1229.94	622.30	7.02E-23	7.91E-06	5.60E-07	0.000225
SpM1_ChORF1060_s_at	<i>ptsD</i>	<i>spy1060</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-1390.23	-1130.99	-495.92	449.35	1.32E-22	7.91E-06	1.11E-08	0.000225
SpM1_ChORF1918_s_at	<i>lacF</i>	<i>spy1918</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-1416.85	-1213.38	-850.12	205.03	5.33E-23	7.91E-06	0.0017154	0.000583
SpM1_ChORF1856_s_at	<i>norA</i>	<i>spy1856</i>	Membrane transport	Membrane transport	Unknown substrate membrane transport	-	-	-1432.91	-1414.82	-1414.52	-121.28	2.22E-46	7.91E-06	1.33E-10	0.000225
SpM18_ChORF1442_s_at	-	<i>spyM18_1442</i>	Unknown	Hypothetical protein	Unknown	-	-	-1452.19	-1079.01	-526.44	-1905.37	1.61E-10	7.91E-06	3.73E-21	0.000225
SpM1_ChORF1849_s_at	<i>pfl</i>	<i>spy1849</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-1467.67	-78.85	-616.79	917.03	6.55E-24	7.91E-06	5.64E-19	0.000225
SpM1_ChORF1059_s_at	<i>ptsC</i>	<i>spy1059</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-1472.03	-1200.33	-586.96	422.34	3.71E-23	7.91E-06	1.34E-07	0.000225
SpM12_ChORF269-12_s_at	-	<i>SpyoM12_Chr ORF_269_12</i>	Unknown	Hypothetical protein	Unknown	-	-	-1472.98	-1514.16	-1656.97	-550.04	1.09E-27	7.91E-06	1.08E-12	0.000225
SpM1_ChORF1878_s_at	-	<i>spy1878</i>	RNA metabolism	Transcription r egulation		-	-	-1484.84	-1974.54	-1947.45	48.55	1.15E-13	7.91E-06	0.6690577	0.130192
SpM1_ChORF1919_s_at	<i>lacD.2</i>	<i>spy1919</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-1523.55	-1315.61	-896.36	197.36	2.47E-26	7.91E-06	0.0006486	0.000316
SpM1_ChORF0835_s_at	<i>carB</i>	<i>spy0835</i>	Nucleotides	Nucleotides biosynthesis	Pyrimidine biosynthesis	-	-	-1528.35	-1168.19	-1930.28	495.59	2.25E-06	7.91E-06	0.0059125	0.001762
SpM1_ChORF0303_s_at	-	<i>spy0303</i>	Mobile Genetic Element	Mobile Genetic Element	Transposase	-	-	-1548.52	-1132.06	-873.51	160.86	1.18E-31	7.91E-06	0.0005273	0.000294
SpM1_ChORF1098_s_at	<i>folP</i>	<i>spy1098</i>	Cofactors	Folate	Folate biosynthesis	-	-	-1551.95	-1314.37	-1618.47	361.62	3.36E-37	7.91E-06	1.60E-11	0.000225
SpM1_ChORF1509_s_at	<i>clpE</i>	<i>spy1509</i>	Stress adaptation	Protein Metabolism	Protein Metabolism	-	-	-1554.67	-996.67	-637.91	249.83	8.22E-26	7.91E-06	0.000321	0.000256
SpM12_ChORF265-4_s_at	-	<i>spy2037</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-1573.66	-1282.91	-800.73	-469.33	2.43E-35	7.91E-06	5.24E-14	0.000225
SpM1_ChORF1877_s_at	<i>glnA</i>	<i>spy1877</i>	Amino acid metabolism	Amino acid biosynthesis	Amino acid biosynthesis	-	-	-1608.22	-2055.10	-2071.09	-6.39	1.05E-17	7.91E-06	0.9065705	0.167329

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> †	<i>Staphylococcus aureus</i> †	Difference Time (30 - 0)‡	Difference Time (60 - 0)‡	Difference Time (90 - 0)‡	Difference (Mut - WT)‡	P-value (Time)§	Q-value (Time)§	P-value (Strain)§	Q-value (Strain)§
SpM1_ChORF1058_s_at	<i>ptsB</i>	<i>spy1058</i>	Membrane transport	Membrane transport	Carbohydrate membrane transport	-	-	-1706.70	-1251.71	-422.08	746.52	8.87E-25	7.91E-06	5.77E-13	0.000225
SpM1_ChORF1263_s_at	-	<i>spy1263</i>	Unknown	Hypothetical protein	Unknown	-	-	-1759.97	-243.49	1204.66	778.24	1.65E-22	7.91E-06	2.10E-07	0.000225
SpM18_ChORF0709_s_at	<i>bsaA</i>	<i>spyM18_0709</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	-	-	-1766.52	204.03	92.29	695.77	2.14E-22	7.91E-06	2.11E-07	0.000225
SpM1_ChORF1628_s_at	<i>fmt</i>	<i>spy1628</i>	Protein synthesis	Protein translocation	Protein secretion	-	-	-1845.53	-947.29	-636.16	177.96	2.91E-30	7.91E-06	0.0018491	0.000619
SpM1_ChORF1531_s_at	<i>dpr</i>	<i>spy1531</i>	RNA metabolism	Transcription regulation	Virulence	-	-	-1917.56	-128.72	1178.37	-1028.67	2.35E-22	7.91E-06	5.18E-09	0.000225
SpM1_ChORF2043_s_at	<i>sda</i>	<i>spy2043</i>	Virulence	interacting proteins	Extracellular protein	-	-	-2062.64	-1291.49	-589.54	4907.88	2.18E-17	7.91E-06	4.36E-45	0.000225
SpM1_ChORF0512_s_at	-	<i>spy0512</i>	Unknown	Hypothetical protein	Unknown	-	-	-2078.69	-1102.35	-1370.22	206.75	2.66E-31	7.91E-06	0.0009024	0.000372
SpM1_ChORF1760_s_at	<i>dnaK</i>	<i>spy1760</i>	Stress adaptation	Heat shock proteins	Heat shock proteins	-	-	-2096.04	-1054.47	216.27	435.27	7.84E-21	7.91E-06	0.0006413	0.000316
SpM1_ChORF1750_s_at	<i>fabD</i>	<i>spy1750</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-2124.73	-2124.10	-1983.68	-217.00	2.11E-54	7.91E-06	1.55E-10	0.000225
SpM1_ChORF1759_s_at	<i>dnaJ</i>	<i>spy1759</i>	Stress adaptation	Heat shock proteins	Heat shock proteins	-	-	-2141.25	-1042.62	50.28	248.40	3.43E-16	7.91E-06	0.084071	0.019976
SpM1_ChORF1543_s_at	-	<i>spy1543</i>	Membrane transport	Membrane transport	Amino acid membrane transport	-	-	-2188.42	-1837.94	-929.03	527.86	3.89E-24	7.91E-06	1.97E-06	0.000225
SpM12_ChORF249-5_s_at	-	<i>SpyoM12_Chr ORF_249_5</i>	Unknown	Hypothetical protein	Unknown	Essential	Essential	-2199.15	749.90	627.13	174.40	9.35E-15	7.91E-06	0.7367773	0.141137
SpM1_ChORF0216_s_at	-	<i>spy0216</i>	RNA metabolism	Transcription regulation	Hypothetical	-	Essential	-2222.30	-1539.32	-359.86	114.04	4.83E-25	7.91E-06	0.071137	0.017182
SpM1_ChORF1260_s_at	-	<i>spy1260</i>	Unknown	Cytosolic Protein	Unknown	-	-	-2275.88	-420.77	1412.50	806.33	6.19E-24	7.91E-06	1.04E-06	0.000225
SpM1_ChORF1743_s_at	<i>accA</i>	<i>spy1743</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-2280.37	-2293.76	-2120.61	-131.82	1.25E-54	7.91E-06	0.0001598	0.000232
SpM1_ChORF2005_s_at	-	<i>spy2005</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-2455.47	221.97	386.53	1652.98	9.42E-20	7.91E-06	1.74E-13	0.000225
SpM1_ChORF0513_s_at	<i>pepQ</i>	<i>spy0513</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	Essential	-	-2490.98	-1276.42	-1976.17	412.10	1.09E-31	7.91E-06	3.08E-06	0.000225
SpM1_ChORF1761_s_at	<i>grpE</i>	<i>spy1761</i>	Stress adaptation	Heat shock proteins	Heat shock proteins	-	-	-2603.71	-1575.13	-18.77	509.50	4.29E-27	7.91E-06	3.94E-06	0.000225
SpM1_ChORF1542_s_at	-	<i>spy1542</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-2676.92	-2238.17	-687.38	799.55	3.50E-24	7.91E-06	1.06E-07	0.000225
SpM1_ChORF1751_s_at	<i>fabK</i>	<i>spy1751</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-2786.42	-2796.87	-2616.71	-317.85	8.88E-51	7.91E-06	5.33E-10	0.000225
SpM1_ChORF2065_s_at	-	<i>spy2065</i>	Unknown	Hypothetical protein	Unknown	-	-	-2802.75	-2002.40	-1126.97	25.12	4.86E-25	7.91E-06	0.4587776	0.093791
SpM1_ChORF1749_s_at	<i>fabG</i>	<i>spy1749</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-2960.97	-2953.37	-2748.09	-262.50	6.96E-51	7.91E-06	3.84E-07	0.000225
SpM1_ChORF1541_s_at	<i>arcC</i>	<i>spy1541</i>	Carbohydrate metabolism	Carbohydrate central metabolism	Carbohydrate central metabolism	-	-	-3100.32	-2614.62	-722.03	1028.52	1.62E-21	7.91E-06	2.29E-07	0.000225
SpM1_ChORF1746_s_at	<i>fabZ</i>	<i>spy1746</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-3100.45	-3111.15	-2926.11	-248.07	5.72E-61	7.91E-06	3.42E-10	0.000225
SpM1_ChORF0414_s_at	<i>lctO</i>	<i>spy0414</i>	Carbohydrate metabolism	Carbohydrate assimilation	Carbohydrate assimilation	Essential	Essential	-3120.75	-375.72	-192.01	725.57	1.43E-24	7.91E-06	0.0001823	0.000234

Probe Set Name*	Gene Name	Synonym	Category	Subcategory	Function	<i>Bacillus subtilis</i> [†]	<i>Staphylococcus aureus</i> [†]	Difference Time (30 - 0) [‡]	Difference Time (60 - 0) [‡]	Difference Time (90 - 0) [‡]	Difference (Mut - WT) [‡]	P-value (Time) [§]	Q-value (Time) [§]	P-value (Strain) [§]	Q-value (Strain) [§]
SpM1_ChORF1758_s_at	<i>phaB</i>	<i>spy1758</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-3146.61	-3183.30	-3094.78	-303.70	1.69E-53	7.91E-06	5.47E-09	0.000225
SpM1_ChORF1265_s_at	-	<i>spy1265</i>	Unknown	Hypothetical protein	Unknown	-	-	-3198.22	-1066.98	-632.47	1215.16	3.57E-19	7.91E-06	1.24E-08	0.000225
SpM1_ChORF1262_s_at	-	<i>spy1262</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-3441.55	-845.30	1050.83	815.09	1.09E-21	7.91E-06	0.0003838	0.000267
SpM1_ChORF1747_s_at	<i>accB</i>	<i>spy1747</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-3474.74	-3435.68	-3173.31	-168.18	6.49E-55	7.91E-06	0.0007903	0.000347
SpM1_ChORF0761_s_at	<i>atpC</i>	<i>spy0761</i>	Carbohydrate metabolism	Bioenergetics	Bioenergetics	-	-	-3543.95	-4677.87	-5410.06	-1724.28	1.48E-24	7.91E-06	9.41E-11	0.000225
SpM1_ChORF1261_s_at	-	<i>spy1261</i>	Unknown	Hypothetical Cytosolic Protein	Unknown	-	-	-3552.42	-985.79	1210.72	964.38	2.67E-27	7.91E-06	5.87E-07	0.000225
SpM1_ChORF1264_s_at	-	<i>spy1264</i>	Unknown	Hypothetical protein	Unknown	-	-	-3642.01	-1331.65	119.96	730.72	5.34E-28	7.91E-06	5.09E-06	0.000225
SpM1_ChORF1763_s_at	<i>hrcA</i>	<i>spy1763</i>	RNA metabolism	Transcription r egulation		-	-	-4055.09	-2554.87	-1007.74	415.82	1.03E-27	7.91E-06	0.0017696	0.000598
SpM1_ChORF1613_s_at	-	<i>spy1613</i>	Unknown	Hypothetical protein	Unknown	-	-	-4116.03	872.90	2013.24	1180.66	2.59E-34	7.91E-06	7.71E-08	0.000225
SpM1_ChORF1744_s_at	<i>accD</i>	<i>spy1744</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-4156.76	-4155.98	-3907.54	-174.01	2.49E-51	7.91E-06	0.0099572	0.002852
SpM1_ChORF1748_s_at	<i>fabF</i>	<i>spy1748</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-4209.64	-4171.14	-3933.87	-309.79	9.90E-67	7.91E-06	2.75E-12	0.000225
SpM1_ChORF1157_s_at	-	<i>spy1157</i>	Unknown	Hypothetical protein	Unknown	-	-	-4352.74	-2040.58	118.38	584.87	5.15E-34	7.91E-06	3.07E-05	0.000225
SpM1_ChORF1754_s_at	<i>fabH</i>	<i>spy1754</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-4372.92	-4343.81	-4167.51	-313.35	2.69E-58	7.91E-06	1.27E-07	0.000225
SpM1_ChORF1755_s_at	-	<i>spy1755</i>	RNA metabolism	Transcription r egulation		-	-	-4546.31	-4562.72	-4352.46	-253.22	3.79E-58	7.91E-06	0.0001128	0.000228
SpM1_ChORF1745_s_at	<i>accC</i>	<i>spy1745</i>	Cell envelope	Membrane lipids	Fatty acid biosynthesis	-	-	-4704.88	-4666.45	-4361.97	-290.32	3.38E-63	7.91E-06	4.21E-08	0.000225
SpM1_ChORF1544_s_at	<i>arcB</i>	<i>spy1544</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-5683.09	-4548.02	-2816.68	978.18	5.12E-30	7.91E-06	2.91E-06	0.000225
SpM1_ChORF1547_s_at	<i>arcA</i>	<i>spy1547</i>	Amino acid metabolism	Amino acid catabolism	Amino acid catabolism	-	-	-5922.87	-4014.07	-2545.93	1311.14	8.52E-30	7.91E-06	3.28E-08	0.000225
SpM1_ChORF1546_s_at	-	<i>spy1546</i>	Unknown	Hypothetical cytosolic Protein	Unknown	-	-	-6506.63	-5135.19	-3344.18	1239.60	1.72E-30	7.91E-06	1.84E-07	0.000225

*Probe sets are listed according to their Difference Time (30 - 0) values, in descending order.

[†]Summary of gene essentiality data for the related Gram-positive bacteria *Bacillus subtilis* and *Staphylococcus aureus*. "Essential" denotes essential genes; "-" denotes nonessential, or unknown.

[‡]Transcript expression changes, assessed as the difference of median expression values. Positive difference values indicate increased transcript abundance; negative values denote decreased transcript abundance.

[§]Transcription variation, assessed by mixed model ANOVA based on (PM-MM)-based dCHIP expression estimates after a square-root transform for 91 RMLChips.

Supplementary Table 2. Group A *Streptococcus* functional classification analysis

Category*	Genes [†]	Time-effect		Strain-effect	
		Empirical <i>P</i> [‡]	Yb [§]	Empirical <i>P</i> [‡]	Yb [§]
Cofactors	41	0.0005	0.0028	0.2540	1.0000
Cell envelope	78	0.0005	0.0042	0.4461	0.7462
Cell shape and division	13	0.0217	0.0728	0.3186	1.0000
Carbohydrate metabolism	130	0.0190	0.0799	0.4741	0.7209
Nucleotides	51	0.0353	0.0990	0.3461	0.9782
Amino acid metabolism	47	0.0503	0.1211	0.0164	0.1425
Stress adaptation	31	0.0873	0.1649	0.9302	0.9296
Other	15	0.0818	0.1738	0.6499	0.8434
RNA metabolism	147	0.1069	0.1826	0.3664	0.8801
Protein synthesis	129	0.1461	0.2285	0.7368	0.8300
Membrane transport	222	0.3224	0.4403	0.3908	0.7243
DNA metabolism	70	0.3112	0.4627	0.7764	0.8206
Lipid metabolism	6	0.5769	0.7450	0.3866	0.8094
Virulence	52	0.6299	0.7568	0.1180	1.0000
Mobile genetic element	14	0.8361	0.9464	0.6475	0.9129
Unknown	780	0.9995	0.9993	0.6799	0.8192
Phage	99	0.9968	1.0000	0.3152	1.0000
Subcategory					
Folate	9	0.0009	0.0223	0.3063	1.0000
Stress proteins	1	0.0077	0.0634	0.9673	0.9869
Membrane lipids	31	0.0043	0.0710	0.3823	0.9514
Cell wall	47	0.0074	0.0732	0.5590	0.8682
CoA	2	0.0070	0.0867	0.1617	0.7798
S-adenosylmethionine	4	0.0262	0.1291	0.0882	0.5754
Heat shock proteins	8	0.0250	0.1369	0.8010	0.9528
Bioenergetics	28	0.0233	0.1433	0.4715	0.8041
Amino acid catabolism	33	0.0324	0.1448	0.0372	0.4947
Cell shape and division	13	0.0217	0.1524	0.3186	0.9950
Carbohydrate assimilation	58	0.0468	0.1770	0.4475	0.8524
Nucleotides metabolism	10	0.0447	0.1834	0.7149	0.9392
RNA modification	17	0.0526	0.1847	0.1356	0.7168
Nucleotides biosynthesis	41	0.0731	0.2401	0.2675	1.0000
Conserved protein	11	0.1014	0.3134	0.4606	0.8137
Fe-sulfate cluster	7	0.1264	0.3688	0.3722	0.9772
Carbohydrate biosynthesis	5	0.1422	0.3715	0.7766	0.9701
GTP-binding protein	11	0.1504	0.3733	0.7941	0.9678
Carbohydrate central metabolism	32	0.1772	0.3826	0.3911	0.8035
Protein translocation	14	0.1412	0.3900	0.8272	0.9613
Protein Metabolism	7	0.1968	0.3912	0.8743	0.9711
Transcription regulation	115	0.1759	0.3973	0.5198	0.8602
Ribosomal proteins	60	0.2178	0.4168	0.9915	0.9913
Hypothetical cytosolic protein	162	0.2997	0.4534	0.5673	0.8284
Basic replication machinery	18	0.3108	0.4565	0.8389	0.9527
Membrane transport	222	0.3224	0.4602	0.3908	0.8395
Translation factors	14	0.2951	0.4606	0.9201	1.0000
Hypothetical membrane protein	35	0.2861	0.4609	0.6417	0.8879
Amino acid biosynthesis	14	0.3704	0.4631	0.0874	0.6690
Protein folding and modification	14	0.3635	0.4661	0.0011	0.0275
Basic transcription machinery	16	0.3542	0.4662	0.2975	1.0000
Packaging & segregation	14	0.2816	0.4691	0.9248	0.9836
NAD	6	0.2544	0.4708	0.3841	0.9075
tRNA synthetases	27	0.2760	0.4757	0.0328	0.6205
Hypothetical extracellular protein	6	0.2708	0.4838	0.5620	0.8459
DNA replication/modification & repair	35	0.4003	0.4892	0.5580	0.8957
Oxidative stress	8	0.5001	0.6005	0.9369	0.9757
Unknown	2	0.5286	0.6207	0.3558	0.9869
Isoprenoids	6	0.5769	0.6634	0.3866	0.8697
DNA restriction/methylation	3	0.6401	0.7056	0.0564	0.4884
Virulence interacting proteins	52	0.6299	0.7098	0.1180	0.6946
Phosphorus metabolism	3	0.7712	0.8181	0.0484	0.5086
Cold shock proteins	4	0.7582	0.8216	0.4045	0.7982
Mobile Genetic Element	14	0.8361	0.8697	0.6475	0.8714
Hypothetical protein	567	1.0000	0.9998	0.3514	1.0000
Phage proteins	99	0.9968	1.0000	0.3152	1.0000

* Bold text denotes functional groups with a nominal *P*-value < 0.05 and the False Discovery Rate (FDR) < 0.10.

[†] Number of genes within functional category.

[‡] Empirical *P*-value, derived from 10,000 random permutations.

[§] Yekutieli-bootstrap adjusted *P*-value, for controlling the False Discovery Rate (FDR).

Supplementary Table 3. Ranking for Group A *Streptococcus* MGAS5005 (WT) transcripts during *ex vivo* blood culture.

Probe Set Name*	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM12_ChORF248-4_s_at	<i>spyM12_248-4</i>	<i>spyoM12_248_4</i>	1	1	1	1
SpM1_ChORF2018_at	<i>emm1</i>	<i>spy2018</i>	5	2	2	6
SpM1_ChORF1831_s_at	<i>rpsF</i>	<i>spy1831</i>	2	3	6	9
SpM18_ChORF0084_s_at	<i>spyM18_0084</i>	<i>spyM18_0084</i>	3	4	3	2
SpM1_ChORF2016_at	<i>sic</i>	<i>spy2016</i>	7	5	4	4
SpM1_ChORF0611_s_at	<i>tufA</i>	<i>spy0611</i>	8	6	7	7
SpM1_ChORF0913_s_at	<i>spy0913</i>	<i>spy0913</i>	35	7	90	88
SpM1_ChORF2009_at	<i>fba</i>	<i>spy2009</i>	14	8	8	21
SpM1_ChORF0717_s_at	<i>rpmE</i>	<i>spy0717</i>	29	9	34	42
SpM1_ChORF0057_s_at	<i>rplP</i>	<i>spy0057</i>	15	10	24	28
SpM1_ChORF0731_s_at	<i>eno</i>	<i>spy0731</i>	10	11	23	31
SpM18_ChORF0281_s_at	<i>oppA</i>	<i>spyM18_0281</i>	34	12	11	35
SpM1_ChORF0067_s_at	<i>rplR</i>	<i>spy0067</i>	21	13	16	27
SpM1_ChORF0819_s_at	<i>rplU</i>	<i>spy0819</i>	43	14	83	96
SpM1_ChORF1760_s_at	<i>dnaK</i>	<i>spy1760</i>	4	15	5	3
SpM1_ChORF0036_s_at	<i>purB</i>	<i>spy0036</i>	361	16	37	61
SpM1_ChORF0056_s_at	<i>rpsC</i>	<i>spy0056</i>	27	17	41	81
SpM1_ChORF0062_s_at	<i>rplX</i>	<i>spy0062</i>	18	18	22	33
SpM18_ChORF1621_s_at	<i>spyM18_1621</i>	<i>spyM18_1621</i>	23	19	18	18
SpM1_ChORF1151_s_at	<i>ldh</i>	<i>spy1151</i>	121	20	262	467
SpM1_ChORF2070_s_at	<i>groEL</i>	<i>spy2070</i>	13	21	12	15
		<i>spyoM5_466b09.s1ck_</i>				
SpM5_ChORF466b-1_s_at	<i>purC</i>	1	41	22	44	32
SpM1_ChORF2202_s_at	<i>hasC</i>	<i>spy2202</i>	72	23	19	40
SpM18_ChORF0030_s_at	<i>spyM18_0030</i>	<i>spyM18_0030</i>	750	24	38	46
SpM1_ChORF1830_s_at	<i>ssb2</i>	<i>spy1830</i>	36	25	39	52
SpM1_ChORF2110_s_at	<i>nrdD</i>	<i>spy2110</i>	73	26	50	66
SpM1_ChORF0061_s_at	<i>rplN</i>	<i>spy0061</i>	53	27	72	112
SpM1_ChORF0072_s_at	<i>rplO</i>	<i>spy0072</i>	50	28	40	63
SpM1_ChORF1805_s_at	<i>secA</i>	<i>spy1805</i>	63	29	48	71
SpM1_ChORF0269_s_at	<i>prgA</i>	<i>spy0269</i>	42	30	17	26
SpM1_ChORF0167_s_at	<i>slo</i>	<i>spy0167</i>	37	31	27	56
SpM1_ChORF1630_s_at	<i>spy1630</i>	<i>spy1630</i>	139	32	67	98
SpM1_ChORF0026_s_at	<i>purF</i>	<i>spy0026</i>	1261	33	64	74
SpM1_ChORF1676_s_at	<i>tkt</i>	<i>spy1676</i>	74	34	33	43
SpM1_ChORF0274_s_at	<i>plr, gap</i>	<i>spy0274</i>	44	35	47	53
SpM1_ChORF0099_s_at	<i>rpoC</i>	<i>spy0099</i>	47	36	52	69
SpM1_ChORF1520_s_at	<i>ftsZ</i>	<i>spy1520</i>	61	37	78	170
SpM1_ChORF0761_s_at	<i>atpC</i>	<i>spy0761</i>	6	38	60	90
SpM1_ChORF0038_s_at	<i>ruvB</i>	<i>spy0038</i>	155	39	92	116
SpM1_ChORF1633_s_at	<i>spy1633</i>	<i>spy1633</i>	99	40	113	106
SpM1_ChORF0427_s_at	<i>nrdE.1</i>	<i>spy0427</i>	978	41	31	49
SpM1_ChORF0747_s_at	<i>spy0747</i>	<i>spy0747</i>	404	42	55	64
SpM1_ChORF1759_s_at	<i>dnaJ</i>	<i>spy1759</i>	17	43	20	14
SpM1_ChORF1213_s_at	<i>fhs.1</i>	<i>spy1213</i>	435	44	85	102
SpM1_ChORF2114_s_at	<i>spy2114</i>	<i>spy2114</i>	60	45	29	70
SpM1_ChORF1649_s_at	<i>pbp1A</i>	<i>spy1649</i>	59	46	30	47
SpM1_ChORF0064_s_at	<i>rpsN</i>	<i>spy0064</i>	65	47	62	94
SpM1_ChORF0060_s_at	<i>rpsQ</i>	<i>spy0060</i>	57	48	75	95
SpM1_ChORF0416_s_at	<i>prtS</i>	<i>spy0416</i>	93	49	26	37
SpM18_ChORF2196_x_at	<i>rpmF</i>	<i>spyM18_2196</i>	108	50	258	208
SpM1_ChORF1262_s_at	<i>spy1262</i>	<i>spy1262</i>	9	51	10	5

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF2079_s_at	<i>ahpC</i>	<i>spy2079</i>	56	52	15	10
SpM1_ChORF2010_s_at	<i>scpA</i>	<i>spy2010</i>	68	53	73	115
SpM12_ChORF249-5_s_at	<i>spyM12_249-5</i>	<i>spyoM12_249_5</i>	19	54	9	12
SpM1_ChORF1738_s_at	<i>manL</i>	<i>spy1738</i>	556	55	59	189
SpM1_ChORF1212_s_at	<i>spy1212</i>	<i>spy1212</i>	449	56	105	125
SpM1_ChORF1265_s_at	<i>spy1265</i>	<i>spy1265</i>	11	57	14	16
SpM1_ChORF1373_s_at	<i>ptsH</i>	<i>spy1373</i>	70	58	125	207
SpM1_ChORF2080_s_at	<i>ahpF</i>	<i>spy2080</i>	58	59	21	13
SpM1_ChORF0833_s_at	<i>carA</i>	<i>spy0833</i>	48	60	88	148
SpM1_ChORF0124_s_at	<i>rofA</i>	<i>spy0124</i>	67	61	91	138
SpM1_ChORF1801_s_at	<i>isp2</i>	<i>spy1801</i>	66	62	45	38
SpM1_ChORF1370_s_at	<i>spy1370</i>	<i>spy1370</i>	181	63	147	235
SpM1_ChORF1136_s_at	<i>xpt</i>	<i>spy1136</i>	972	64	189	223
SpM1_ChORF0015_s_at	<i>ftsH</i>	<i>spy0015</i>	92	65	104	120
SpM1_ChORF2043_s_at	<i>sda</i>	<i>spy2043</i>	30	66	46	34
SpM1_ChORF1968_s_at	<i>spy1968</i>	<i>spy1968</i>	137	67	176	315
SpM1_ChORF0075_s_at	<i>infA</i>	<i>spy0075</i>	75	68	281	650
SpM1_ChORF1357_s_at	<i>grab</i>	<i>spy1357</i>	129	69	95	135
SpM1_ChORF0034_s_at	<i>purK</i>	<i>spy0034</i>	1157	70	120	128
SpM1_ChORF0272_s_at	<i>rpsG</i>	<i>spy0272</i>	85	71	110	99
SpM1_ChORF0758_s_at	<i>atpA</i>	<i>spy0758</i>	64	72	183	267
M12_0555_s_at	M12_0555	M12_0555	86	73	69	41
SpM1_ChORF0032_s_at	<i>purD</i>	<i>spy0032</i>	957	74	98	101
SpM18_ChORF1442_s_at	<i>spyM18_1442</i>	<i>spyM18_1442</i>	45	75	70	54
SpM1_ChORF1227_s_at	<i>spy1227</i>	<i>spy1227</i>	316	76	157	231
SpM1_ChORF1763_s_at	<i>hrcA</i>	<i>spy1763</i>	12	77	36	19
SpM1_ChORF0810_s_at	<i>aroF</i>	<i>spy0810</i>	159	78	202	215
SpM12_ChORF248-6_s_at	<i>spyM12_248-6</i>	<i>spyoM12_248_6</i>	95	79	49	50
SpM3_ChORF1092_s_at	<i>hoIA</i>	<i>spyM3_1092</i>	51	80	71	59
SpM1_ChORF1020_s_at	<i>spy1020</i>	<i>spy1020</i>	140	81	97	166
SpM1_ChORF0872_s_at	<i>spy0872</i>	<i>spy0872</i>	1279	82	332	644
	<i>spyM5_4P31a01.w2c23</i>	<i>spyoM5_4P31a01.w2c2</i>				
SpM5_ChORF4P31a-118_s_ε	<i>09-11</i>	<i>309_11</i>	132	83	221	628
SpM1_ChORF1122_s_at	<i>nifS, yrvO</i>	<i>spy1122</i>	116	84	172	245
SpM1_ChORF0835_s_at	<i>carB</i>	<i>spy0835</i>	52	85	79	123
SpM1_ChORF1429_s_at	<i>gpmA</i>	<i>spy1429</i>	291	86	211	226
SpM1_ChORF0273_s_at	<i>fus</i>	<i>spy0273</i>	80	87	99	89
SpM18_ChORF0328_s_at	<i>covR</i>	<i>spy0336</i>	130	88	154	167
SpM1_ChORF2065_s_at	<i>spy2065</i>	<i>spy2065</i>	28	89	63	39
SpM1_ChORF1821_s_at	<i>efp</i>	<i>spy1821</i>	103	90	61	77
SpM1_ChORF0900_s_at	<i>pyrF</i>	<i>spy0900</i>	219	91	292	577
SpM1_ChORF1228_s_at	<i>spy1228</i>	<i>spy1228</i>	176	92	109	119
SpM1_ChORF2005_s_at	<i>spy2005</i>	<i>spy2005</i>	33	93	25	23
SpM1_ChORF1489_s_at	<i>hlpA</i>	<i>spy1489</i>	152	94	181	264
SpM1_ChORF0345_s_at	<i>murC</i>	<i>spy0345</i>	197	95	144	171
SpM1_ChORF0832_s_at	<i>pyrB</i>	<i>spy0832</i>	77	96	111	216
SpM1_ChORF1888_s_at	<i>rpmB</i>	<i>spy1888</i>	288	97	236	410
SpM1_ChORF2200_s_at	<i>hasA</i>	<i>spy2200</i>	380	98	103	181
SpM1_ChORF1737_s_at	<i>spy1737</i>	<i>spy1737</i>	471	99	392	498
SpM1_ChORF0066_s_at	<i>rplF</i>	<i>spy0066</i>	147	100	138	209
SpM1_ChORF1979_at	<i>ska</i>	<i>spy1979</i>	100	101	53	62
SpM1_ChORF1137_s_at	<i>spy1137</i>	<i>spy1137</i>	1297	102	265	304
SpM1_ChORF1518_s_at	<i>spy1518</i>	<i>spy1518</i>	94	103	106	211
SpM1_ChORF2195_s_at	<i>spy2195</i>	<i>spy2195</i>	407	104	394	571
SpM1_ChORF0073_s_at	<i>secY</i>	<i>spy0073</i>	124	105	102	131
SpM1_ChORF1200_s_at	<i>ffh</i>	<i>spy1200</i>	292	106	259	255

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF0453_s_at	<i>mtsA</i>	<i>spy0453</i>	335	107	180	224
SpM1_ChORF1264_s_at	<i>spy1264</i>	<i>spy1264</i>	20	108	28	17
SpM1_ChORF2151_s_at	<i>argS</i>	<i>spy2151</i>	456	109	101	242
SpM1_ChORF1739_s_at	<i>manM</i>	<i>spy1739</i>	324	110	80	172
SpM1_ChORF0297_s_at	<i>oppF</i>	<i>spy0297</i>	118	111	65	79
SpM1_ChORF1406_s_at	<i>sodA</i>	<i>spy1406</i>	69	112	77	87
SpM1_ChORF0080_s_at	<i>rpoA</i>	<i>spy0080</i>	78	113	322	626
SpM1_ChORF0348_s_at	<i>spy0348</i>	<i>spy0348</i>	172	114	134	144
SpM1_ChORF2113_s_at	<i>spy2113</i>	<i>spy2113</i>	114	115	66	109
SpM1_ChORF1882_s_at	<i>lppC</i>	<i>spy1882</i>	261	116	87	91
SpM1_ChORF0901_s_at	<i>pyrE</i>	<i>spy0901</i>	229	117	341	683
SpM1_ChORF0052_s_at	<i>rpIB</i>	<i>spy0052</i>	126	118	173	188
SpM1_ChORF1415_s_at	<i>deaD</i>	<i>spy1415</i>	98	119	122	114
SpM1_ChORF0782_s_at	<i>rpoD</i>	<i>spy0782</i>	90	120	129	127
SpM1_ChORF1527_s_at	<i>typA</i>	<i>spy1527</i>	148	121	333	379
SpM1_ChORF0078_s_at	<i>rpsK</i>	<i>spy0078</i>	110	122	426	891
SpM1_ChORF0341_s_at	<i>pgdA</i>	<i>spy0341</i>	89	123	82	76
SpM1_ChORF1521_s_at	<i>ftsA</i>	<i>spy1521</i>	170	124	213	342
SpM1_ChORF1761_s_at	<i>grpE</i>	<i>spy1761</i>	40	125	76	30
SpM1_ChORF2032_s_at	<i>spy2032</i>	<i>spy2032</i>	76	126	35	44
SpM1_ChORF1242_s_at	<i>pstB2</i>	<i>spy1242</i>	177	127	196	297
SpM1_ChORF1282_s_at	<i>pyk, pykA</i>	<i>spy1282</i>	96	128	238	233
SpM1_ChORF1946_s_at	<i>pnpA</i>	<i>spy1946</i>	227	129	206	310
SpM1_ChORF1261_s_at	<i>spy1261</i>	<i>spy1261</i>	25	130	32	11
SpM1_ChORF1283_s_at	<i>pfk</i>	<i>spy1283</i>	144	131	306	306
SpM1_ChORF0027_s_at	<i>purM</i>	<i>spy0027</i>	1403	132	146	140
SpM1_ChORF1931_s_at	<i>rpsI</i>	<i>spy1931</i>	434	133	457	482
SpM1_ChORF2025_s_at	<i>isp</i>	<i>spy2025</i>	81	134	42	45
SpM1_ChORF1355_s_at	<i>spy1355</i>	<i>spy1355</i>	215	135	165	203
SpM1_ChORF0822_s_at	<i>rpmA</i>	<i>spy0822</i>	200	136	289	277
SpM1_ChORF0186_s_at	<i>spy0186</i>	<i>spy0186</i>	107	137	107	122
SpM1_ChORF1419_s_at	<i>spy1419</i>	<i>spy1419</i>	360	138	320	359
SpM1_ChORF0033_s_at	<i>purE</i>	<i>spy0033</i>	1002	139	151	158
SpM1_ChORF0503_s_at	<i>spy0503</i>	<i>spy0503</i>	128	140	160	153
SpM1_ChORF1416_s_at	<i>prfC</i>	<i>spy1416</i>	183	141	142	139
SpM1_ChORF0160_s_at	<i>purA</i>	<i>spy0160</i>	234	142	163	248
SpM1_ChORF0216_s_at	<i>spy0216</i>	<i>spy0216</i>	54	143	100	58
SpM1_ChORF1531_s_at	<i>dpr</i>	<i>spy1531</i>	62	144	51	25
SpM1_ChORF1889_s_at	<i>fba</i>	<i>spy1889</i>	218	145	518	663
SpM1_ChORF2116_s_at	<i>recA</i>	<i>spy2116</i>	201	146	226	311
SpM1_ChORF1499_s_at	<i>xseB</i>	<i>spy1499</i>	416	147	148	287
SpM1_ChORF2201_s_at	<i>hasB</i>	<i>spy2201</i>	385	148	124	204
SpM1_ChORF0349_s_at	<i>greA</i>	<i>spy0349</i>	205	149	272	290
SpM1_ChORF0098_s_at	<i>rpoB</i>	<i>spy0098</i>	150	150	244	281
SpM18_ChORF2095_s_at	<i>spyM18_2095</i>	<i>spyM18_2095</i>	586	151	156	274
SpM1_ChORF1390_s_at	<i>surA, prsA</i>	<i>spy1390</i>	138	152	301	357
SpM1_ChORF0187_s_at	<i>perR</i>	<i>spy0187</i>	134	153	114	126
SpM1_ChORF1894_s_at	<i>pyrG</i>	<i>spy1894</i>	274	154	297	271
SpM1_ChORF0339_s_at	<i>dnaB</i>	<i>spy0339</i>	133	155	123	149
SpM1_ChORF0035_s_at	<i>abiR</i>	<i>spy0035</i>	737	156	136	141
SpM1_ChORF0071_s_at	<i>rpmD</i>	<i>spy0071</i>	196	157	149	196
SpM1_ChORF1372_s_at	<i>pstI</i>	<i>spy1372</i>	209	158	372	709
SpM1_ChORF1260_s_at	<i>spy1260</i>	<i>spy1260</i>	55	159	54	22
SpM1_ChORF1072_s_at	<i>rpIJ</i>	<i>spy1072</i>	193	160	410	607
SpM1_ChORF1865_s_at	<i>spy1865</i>	<i>spy1865</i>	517	161	270	300
SpM1_ChORF1643_s_at	<i>spy1643</i>	<i>spy1643</i>	127	162	207	176

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF0608_s_at	<i>ppc</i>	<i>spy0608</i>	333	163	324	470
SpM1_ChORF0337_s_at	<i>covS</i>	<i>spy0337</i>	251	164	250	280
SpM1_ChORF1896_s_at	<i>ropA</i>	<i>spy1896</i>	543	165	503	580
SpM1_ChORF0821_s_at	<i>spy0821</i>	<i>spy0821</i>	220	166	291	237
SpM1_ChORF1727_s_at	<i>spy1727</i>	<i>spy1727</i>	428	167	223	447
SpM1_ChORF0116_at	<i>spy0116</i>	<i>spy0116</i>	334	168	126	163
SpM1_ChORF0809_s_at	<i>aroD</i>	<i>spy0809</i>	241	169	286	356
SpM1_ChORF0053_x_at	<i>rpsS</i>	<i>spy0053</i>	224	170	280	317
SpM1_ChORF0184_s_at	<i>opuABC</i>	<i>spy0184</i>	135	171	164	111
SpM1_ChORF0890_s_at	<i>deoB</i>	<i>spy0890</i>	111	172	204	229
SpM1_ChORF1350_s_at	<i>psr</i>	<i>spy1350</i>	226	173	203	197
SpM1_ChORF0644_s_at	<i>ftsE</i>	<i>spy0644</i>	122	174	208	200
SpM1_ChORF0019_s_at	<i>sibA</i>	<i>spy0019</i>	533	175	430	352
SpM1_ChORF2073_s_at	<i>clpC</i>	<i>spy2073</i>	125	176	127	117
SpM1_ChORF1029_s_at	<i>acoC</i>	<i>spy1029</i>	153	177	121	129
SpM1_ChORF0728_s_at	<i>spy0728</i>	<i>spy0728</i>	203	178	190	175
SpM1_ChORF0502_s_at	<i>secG</i>	<i>spy0502</i>	284	179	314	332
SpM1_ChORF1536_s_at	<i>spy1536</i>	<i>spy1536</i>	211	180	342	425
SpM1_ChORF0028_s_at	<i>purN</i>	<i>spy0028</i>	1461	181	175	162
SpM1_ChORF0069_s_at	<i>rpsE</i>	<i>spy0069</i>	222	182	179	218
SpM1_ChORF0122_s_at	<i>spy0122</i>	<i>spy0122</i>	376	183	378	429
SpM1_ChORF0378_s_at	<i>hlyX</i>	<i>spy0378</i>	403	184	283	282
SpM1_ChORF0759_s_at	<i>atpG</i>	<i>spy0759</i>	91	185	371	442
SpM1_ChORF0136_s_at	<i>spy0136</i>	<i>spy0136</i>	372	186	243	451
SpM1_ChORF1239_s_at	<i>pepN</i>	<i>spy1239</i>	239	187	277	408
SpM1_ChORF1073_s_at	<i>rplL</i>	<i>spy1073</i>	208	188	296	405
SpM1_ChORF1494_s_at	<i>spy1494</i>	<i>spy1494</i>	400	189	185	236
SpM1_ChORF1150_s_at	<i>nox</i>	<i>spy1150</i>	321	190	240	251
SpM1_ChORF0808_s_at	<i>spy0808</i>	<i>spy0808</i>	325	191	340	361
SpM1_ChORF0781_s_at	<i>dnaG</i>	<i>spy0781</i>	167	192	219	185
SpM1_ChORF0595_s_at	<i>lysS</i>	<i>spy0595</i>	426	193	358	418
SpM1_ChORF0271_s_at	<i>rpsL</i>	<i>spy0271</i>	305	194	345	256
SpM1_ChORF0888_s_at	<i>clpL</i>	<i>spy0888</i>	120	195	86	51
SpM1_ChORF0763_s_at	<i>murA, murAA?</i>	<i>spy0763</i>	304	196	308	336
SpM1_ChORF2159_s_at	<i>rpmF</i>	<i>spy2159</i>	306	197	504	437
SpM1_ChORF1224_s_at	<i>pgmA</i>	<i>spy1224</i>	296	198	169	289
SpM1_ChORF0902_s_at	<i>amiC</i>	<i>spy0902</i>	185	199	246	463
SpM1_ChORF1371_s_at	<i>gapN</i>	<i>spy1371</i>	101	200	420	537
SpM1_ChORF1519_s_at	<i>spy1519</i>	<i>spy1519</i>	173	201	216	364
SpM1_ChORF2033_s_at	<i>spy2033</i>	<i>spy2033</i>	204	202	56	67
SpM18_ChORF0867_s_at	<i>rpl35</i>	<i>spyM18_0867</i>	236	203	316	230
SpM1_ChORF1432_s_at	<i>pyrD</i>	<i>spy1432</i>	532	204	587	855
SpM1_ChORF2092_s_at	<i>rpsB</i>	<i>spy2092</i>	431	205	559	479
SpM1_ChORF0501_s_at	<i>spy0501</i>	<i>spy0501</i>	301	206	412	386
SpM1_ChORF0080a_s_at	<i>rplQ</i>	<i>spy0080a</i>	180	207	792	1390
SpM1_ChORF0460_s_at	<i>rplK</i>	<i>spy0460</i>	442	208	476	358
SpM1_ChORF1881_s_at	<i>pgk</i>	<i>spy1881</i>	326	209	249	450
SpM1_ChORF0065_s_at	<i>rpsH</i>	<i>spy0065</i>	217	210	214	270
SpM1_ChORF1135_s_at	<i>guaC</i>	<i>spy1135</i>	1324	211	648	754
SpM1_ChORF0296_s_at	<i>oppD</i>	<i>spy0296</i>	223	212	119	152
SpM1_ChORF1944_s_at	<i>cysE</i>	<i>spy1944</i>	238	213	253	351
SpM18_ChORF2197_x_at	<i>rpmG</i>	<i>spyM18_2197</i>	259	214	578	468
SpM1_ChORF0569_s_at	<i>ftsY</i>	<i>spy0569</i>	210	215	145	184
SpM1_ChORF0165_s_at	<i>nga</i>	<i>spy0165</i>	417	216	269	411
SpM1_ChORF0247_s_at	<i>spy0247</i>	<i>spy0247</i>	363	217	255	313
SpM1_ChORF0050_s_at	<i>rplD</i>	<i>spy0050</i>	307	218	393	384

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF1026_s_at	<i>acoA, pdhB</i>	<i>spy1026</i>	195	219	205	198
SpM1_ChORF1981_s_at	<i>relA</i>	<i>spy1981</i>	164	220	224	259
SpM1_ChORF1398_s_at	<i>spy1398</i>	<i>spy1398</i>	117	221	137	97
SpM1_ChORF1740_s_at	<i>manN</i>	<i>spy1740</i>	534	222	159	323
SpM1_ChORF1721_s_at	<i>infB</i>	<i>spy1721</i>	136	223	135	100
SpM1_ChORF0059_s_at	<i>rpmC</i>	<i>spy0059</i>	207	224	252	295
SpM1_ChORF1876_s_at	<i>spy1876</i>	<i>spy1876</i>	389	225	278	217
SpM1_ChORF0613_s_at	<i>tpi</i>	<i>spy0613</i>	346	226	200	303
SpM1_ChORF0049_s_at	<i>rpIC</i>	<i>spy0049</i>	349	227	520	457
SpM1_ChORF0949_s_at	<i>spy0949</i>	<i>spy0949</i>	493	228	182	173
SpM1_ChORF1495_s_at	<i>recN</i>	<i>spy1495</i>	440	229	199	292
SpM1_ChORF0805_s_at	<i>rpmI</i>	<i>spy0805</i>	269	230	349	253
SpM1_ChORF2160_x_at	<i>rpmG</i>	<i>spy2160</i>	277	231	627	492
SpM1_ChORF1511_s_at	<i>spy1511</i>	<i>spy1511</i>	113	232	150	124
SpM1_ChORF2206_s_at	<i>guaB</i>	<i>spy2206</i>	462	233	263	389
SpM1_ChORF0894_s_at	<i>deoD2</i>	<i>spy0894</i>	192	234	287	318
SpM1_ChORF1028_s_at	<i>acoB, pdhC</i>	<i>spy1028</i>	228	235	177	178
SpM1_ChORF1096_s_at	<i>folC.1</i>	<i>spy1096</i>	141	236	274	268
SpM1_ChORF0721_s_at	<i>spy0721</i>	<i>spy0721</i>	460	237	459	440
SpM1_ChORF0804_s_at	<i>infC</i>	<i>spy0804</i>	255	238	329	210
SpM1_ChORF0447_s_at	<i>pfs</i>	<i>spy0447</i>	242	239	284	276
SpM1_ChORF1215_s_at	<i>spy1215</i>	<i>spy1215</i>	359	240	117	145
SpM1_ChORF1157_s_at	<i>spy1157</i>	<i>spy1157</i>	26	241	57	20
SpM1_ChORF1885_s_at	<i>spy1885</i>	<i>spy1885</i>	399	242	261	301
SpM1_ChORF0395_s_at	<i>clpP</i>	<i>spy0395</i>	225	243	273	212
SpM1_ChORF0867_s_at	<i>spy0867</i>	<i>spy0867</i>	171	244	217	174
SpM1_ChORF1434_s_at	<i>spy1434</i>	<i>spy1434</i>	231	245	293	179
SpM1_ChORF2183_s_at	<i>rpII</i>	<i>spy2183</i>	272	246	424	685
SpM1_ChORF1152_s_at	<i>gyrA</i>	<i>spy1152</i>	285	247	453	406
SpM1_ChORF1719_s_at	<i>rbfA</i>	<i>spy1719</i>	157	248	143	110
SpM1_ChORF0051_s_at	<i>rpIW</i>	<i>spy0051</i>	308	249	377	391
SpM12_ChORF251-6_at	<i>spyM12_251-6</i>	<i>spyoM12_251_6</i>	143	250	193	190
SpM1_ChORF0504_s_at	<i>spy0504</i>	<i>spy0504</i>	194	251	251	193
SpM1_ChORF0443_s_at	<i>gcaD</i>	<i>spy0443</i>	302	252	361	393
SpM1_ChORF0215_s_at	<i>pgi</i>	<i>spy0215</i>	785	253	346	522
SpM1_ChORF2107_s_at	<i>spy2107</i>	<i>spy2107</i>	310	254	233	199
SpM1_ChORF0340_s_at	<i>dnal</i>	<i>spy0340</i>	162	255	133	134
SpM1_ChORF1654_s_at	<i>spy1653</i>	<i>spy1653</i>	365	256	414	372
SpM1_ChORF1070_s_at	<i>spy1070</i>	<i>spy1070</i>	145	257	266	284
SpM1_ChORF0268_s_at	<i>purR</i>	<i>spy0268</i>	479	258	256	309
SpM1_ChORF1664_s_at	<i>mraY</i>	<i>spy1662</i>	273	259	362	329
SpM1_ChORF1724_s_at	<i>nusA</i>	<i>spy1724</i>	178	260	188	147
SpM1_ChORF0428_s_at	<i>spyA</i>	<i>spy0428</i>	313	261	247	213
SpM1_ChORF0041_s_at	<i>spy0041</i>	<i>spy0041</i>	312	262	237	220
SpM1_ChORF0623_s_at	<i>pacL</i>	<i>spy0623</i>	332	263	343	316
SpM1_ChORF0392_s_at	<i>upp</i>	<i>spy0392</i>	351	264	825	805
SpM1_ChORF1945_s_at	<i>spy1945</i>	<i>spy1945</i>	338	265	317	432
SpM1_ChORF1938_s_at	<i>spy1938</i>	<i>spy1938</i>	154	266	365	475
SpM1_ChORF1613_s_at	<i>spy1613</i>	<i>spy1613</i>	31	267	13	8
SpM1_ChORF0063_s_at	<i>rpIE</i>	<i>spy0063</i>	276	268	271	322
SpM1_ChORF1280_s_at	<i>glmS</i>	<i>spy1280</i>	303	269	241	183
SpM1_ChORF1508_s_at	<i>spy1508</i>	<i>spy1508</i>	1048	270	702	917
SpM1_ChORF1648_s_at	<i>recU</i>	<i>spy1648</i>	328	271	232	325
SpM1_ChORF1507_s_at	<i>spy1507</i>	<i>spy1507</i>	1070	272	407	499
SpM1_ChORF1514_s_at	<i>divIVAS</i>	<i>spy1514</i>	371	273	327	474
SpM1_ChORF0166_s_at	<i>spy0166</i>	<i>spy0166</i>	329	274	302	434
SpM1_ChORF0076_x_at	<i>rpmJ</i>	<i>spy0076</i>	283	275	657	1134
SpM1_ChORF2184_s_at	<i>spy2184</i>	<i>spy2184</i>	390	276	611	811

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF1780_s_at	<i>spy1780</i>	<i>spy1780</i>	184	277	116	136
M12_0671_s_at	M12_0671	M12_0671	603	278	849	999
SpM1_ChORF1500_s_at	<i>xseA</i>	<i>spy1500</i>	711	279	364	530
SpM1_ChORF0189_s_at	<i>spy0189</i>	<i>spy0189</i>	293	280	229	194
SpM18_ChORF0838_x_at	<i>rplU</i>	<i>spyM18_0838</i>	447	281	462	471
SpM1_ChORF0851_s_at	<i>spy0851</i>	<i>spy0851</i>	247	282	612	612
SpM1_ChORF1211_s_at	<i>spy1211</i>	<i>spy1211</i>	166	283	328	234
SpM1_ChORF1148_s_at	<i>spy1148</i>	<i>spy1148</i>	235	284	260	221
SpM1_ChORF0875_s_at	<i>spy0875</i>	<i>spy0875</i>	282	285	212	247
SpM1_ChORF1053_s_at	<i>lepA</i>	<i>spy1053</i>	358	286	310	260
SpM1_ChORF2026_s_at	<i>ihk</i>	<i>spy2026</i>	179	287	118	108
SpM1_ChORF1509_s_at	<i>clpE</i>	<i>spy1509</i>	105	288	194	155
SpM1_ChORF1653_s_at	<i>nadE</i>	<i>spy1652</i>	620	289	228	239
SpM1_ChORF2156_s_at	<i>aspS</i>	<i>spy2156</i>	604	290	451	598
SpM1_ChORF2072_s_at	<i>groES</i>	<i>spy2072</i>	214	291	231	165
SpM1_ChORF0330_s_at	<i>lemA</i>	<i>spy0330</i>	230	292	408	566
SpM1_ChORF0514_s_at	<i>ccpA</i>	<i>spy0514</i>	295	293	161	232
SpM1_ChORF0343_s_at	<i>spy0343</i>	<i>spy0343</i>	415	294	439	456
SpM1_ChORF0324_s_at	<i>spy0324</i>	<i>spy0324</i>	859	295	406	376
SpM18_ChORF2122_s_at	<i>spyM18_2122</i>	<i>spyM18_2122</i>	355	296	132	85
SpM1_ChORF2205_s_at	<i>spy2205</i>	<i>spy2205</i>	637	297	404	416
SpM1_ChORF2093_s_at	<i>tsf</i>	<i>spy2093</i>	410	298	502	519
SpM1_ChORF1632_s_at	<i>gmk</i>	<i>spy1632</i>	655	299	415	435
SpM1_ChORF0380_s_at	<i>ppaC</i>	<i>spy0380</i>	212	300	305	343
SpM1_ChORF1340_s_at	<i>spy1340</i>	<i>spy1340</i>	520	301	864	1270
SpM1_ChORF1877_s_at	<i>glnA</i>	<i>spy1877</i>	106	302	497	510
SpM1_ChORF1691_s_at	<i>spy1691</i>	<i>spy1691</i>	266	303	264	228
SpM1_ChORF1962_s_at	<i>proS</i>	<i>spy1962</i>	233	304	282	285
SpM1_ChORF1276_s_at	<i>spy1276</i>	<i>spy1276</i>	731	305	357	403
SpM49_ChORF8094-13_s_at	<i>spy0025</i>	<i>spy0025</i>	1656	306	396	362
SpM1_ChORF1146_s_at	<i>spy1146</i>	<i>spy1146</i>	245	307	295	340
SpM1_ChORF1098_s_at	<i>folP</i>	<i>spy1098</i>	112	308	268	346
SpM1_ChORF0047_s_at	<i>rpsJ</i>	<i>spy0047</i>	617	309	828	687
SpM1_ChORF0924_s_at	<i>elaC</i>	<i>spy0924</i>	250	310	368	319
SpM1_ChORF0100_s_at	<i>spy0100</i>	<i>spy0100</i>	368	311	574	581
SpM1_ChORF1937_s_at	<i>spy1937</i>	<i>spy1937</i>	198	312	432	491
SpM1_ChORF1886_s_at	<i>asp</i>	<i>spy1886</i>	508	313	331	430
SpM1_ChORF1878_s_at	<i>spy1878</i>	<i>spy1878</i>	119	314	541	526
SpM1_ChORF0727_s_at	<i>gyrB</i>	<i>spy0727</i>	309	315	300	266
SpM1_ChORF0584_s_at	<i>ptsK, hprK</i>	<i>spy0584</i>	263	316	290	334
SpM1_ChORF0469_s_at	<i>spy0469</i>	<i>spy0469</i>	652	317	507	480
SpM1_ChORF0266_s_at	<i>spy0266</i>	<i>spy0266</i>	240	318	195	177
SpM1_ChORF1392_s_at	<i>spy1392</i>	<i>spy1392</i>	915	319	567	573
SpM1_ChORF2182_s_at	<i>holB</i>	<i>spy2182</i>	382	320	516	725
SpM1_ChORF1503_s_at	<i>spy1503</i>	<i>spy1503</i>	158	321	227	214
SpM1_ChORF0425_s_at	<i>nrdF.1</i>	<i>spy0425</i>	1399	322	534	556
SpM1_ChORF1204_s_at	<i>guaA</i>	<i>spy1204</i>	519	323	545	729
SpM1_ChORF2197_s_at	<i>spy2197</i>	<i>spy2197</i>	639	324	640	897
SpM1_ChORF1234_s_at	<i>rpsT</i>	<i>spy1234</i>	829	325	655	826
SpM1_ChORF0903_s_at	<i>spy0903</i>	<i>spy0903</i>	246	326	337	645
SpM1_ChORF2178_s_at	<i>rpsD</i>	<i>spy2178</i>	574	327	815	667
SpM1_ChORF0446_s_at	<i>spy0446</i>	<i>spy0446</i>	271	328	335	339
SpM1_ChORF0836_s_at	<i>spy0836</i>	<i>spy0836</i>	315	329	162	257
SpM12_ChORF269-12_s_at	<i>spyM12_269-12</i>	<i>spyoM12_269_12</i>	123	330	356	400
SpM1_ChORF0096_s_at	<i>tyrS</i>	<i>spy0096</i>	629	331	485	1034
SpM1_ChORF0933_s_at	<i>cpsFO</i>	<i>spy0933</i>	258	332	352	388
SpM1_ChORF0515_s_at	<i>spy0515</i>	<i>spy0515</i>	279	333	398	366
SpM1_ChORF0516_s_at	<i>spy0516</i>	<i>spy0516</i>	249	334	353	307
SpM1_ChORF0055_s_at	<i>rplV</i>	<i>spy0055</i>	374	335	437	546
SpM1_ChORF2216_s_at	<i>htrA</i>	<i>spy2216</i>	286	336	218	261

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF0907_s_at	<i>pyrC</i>	<i>spy0907</i>	559	337	466	627
SpM1_ChORF0911_s_at	<i>bcaT</i>	<i>spy0911</i>	739	338	363	702
SpM18_ChORF1226_s_at	<i>spy1277</i>	<i>spy1277</i>	638	339	570	525
SpM1_ChORF1226_s_at	<i>spy1226</i>	<i>spy1226</i>	572	340	336	337
SpM1_ChORF0077_s_at	<i>rpsM</i>	<i>spy0077</i>	320	341	791	1268
SpM1_ChORF0885_s_at	<i>clpX</i>	<i>spy0885</i>	237	342	498	655
SpM1_ChORF1884_s_at	<i>spy1884</i>	<i>spy1884</i>	553	343	170	154
SpM1_ChORF0886_s_at	<i>spy0886</i>	<i>spy0886</i>	244	344	535	736
SpM1_ChORF1875_s_at	<i>spy1875</i>	<i>spy1875</i>	681	345	489	483
SpM1_ChORF0183_s_at	<i>opuAA</i>	<i>spy0183</i>	257	346	321	180
SpM1_ChORF0406_s_at	<i>spy0406</i>	<i>spy0406</i>	267	347	298	250
SpM1_ChORF0585_s_at	<i>lgt</i>	<i>spy0585</i>	353	348	385	396
SpM1_ChORF2119_s_at	<i>ruvA</i>	<i>spy2119</i>	331	349	384	502
SpM1_ChORF0935_s_at	<i>cpsFP</i>	<i>spy0935</i>	252	350	402	493
SpM1_ChORF1770_s_at	<i>gatB</i>	<i>spy1770</i>	323	351	443	532
SpM1_ChORF1733_s_at	<i>lytR</i>	<i>spy1733</i>	625	352	400	299
SpM1_ChORF1354_s_at	<i>map</i>	<i>spy1354</i>	422	353	376	412
SpM1_ChORF1154_s_at	<i>srtA</i>	<i>spy1154</i>	384	354	479	489
SpM1_ChORF1425_s_at	<i>spy1425</i>	<i>spy1425</i>	531	355	315	308
SpM1_ChORF1688_at	<i>glyS</i>	<i>spy1688</i>	202	356	348	427
SpM1_ChORF1249_s_at	<i>spy1249</i>	<i>spy1249</i>	640	357	311	439
SpM3_ChORF0158_s_at	<i>spyM3_0158</i>	<i>spyM3_0158</i>	168	358	318	205
SpM1_ChORF1832_s_at	<i>spy1832</i>	<i>spy1832</i>	278	359	326	331
SpM1_ChORF1628_s_at	<i>fmt</i>	<i>spy1628</i>	102	360	168	150
SpM1_ChORF0022_s_at	<i>plsX</i>	<i>spy0022</i>	495	361	374	515
SpM1_ChORF1214_s_at	<i>lplA</i>	<i>spy1214</i>	549	362	197	192
SpM1_ChORF1666_s_at	<i>ftsL</i>	<i>spy1665</i>	585	363	643	597
SpM1_ChORF1263_s_at	<i>spy1263</i>	<i>spy1263</i>	109	364	112	57
SpM1_ChORF0276_s_at	<i>spy0276</i>	<i>spy0276</i>	707	365	651	876
SpM1_ChORF2027_s_at	<i>irr</i>	<i>spy2027</i>	265	366	174	168
SpM1_ChORF0517_s_at	<i>thrS</i>	<i>spy0517</i>	405	367	447	441
SpM1_ChORF1841_s_at	<i>spy1841</i>	<i>spy1841</i>	651	368	595	780
SpM1_ChORF0376_s_at	<i>spy0376</i>	<i>spy0376</i>	461	369	350	365
SpM1_ChORF0224_s_at	<i>hasC.2</i>	<i>spy0224</i>	264	370	313	283
SpM1_ChORF1698_s_at	<i>spy1698</i>	<i>spy1698</i>	692	371	971	1326
SpM1_ChORF1976_s_at	<i>msmK</i>	<i>spy1976</i>	341	372	96	104
SpM1_ChORF0093_s_at	<i>adcC</i>	<i>spy0093</i>	745	373	586	542
SpM1_ChORF1038_s_at	<i>femD</i>	<i>spy1038</i>	576	374	490	590
SpM1_ChORF1771_s_at	<i>gatA</i>	<i>spy1771</i>	427	375	526	621
SpM1_ChORF1497_s_at	<i>hlyA1</i>	<i>spy1497</i>	653	376	325	436
SpM1_ChORF1892_s_at	<i>spy1892</i>	<i>spy1892</i>	542	377	622	638
SpM1_ChORF1358_s_at	<i>murZ</i>	<i>spy1358</i>	451	378	463	415
SpM1_ChORF0461_s_at	<i>rplA</i>	<i>spy0461</i>	643	379	726	557
SpM1_ChORF0382_s_at	<i>spy0382</i>	<i>spy0382</i>	348	380	444	438
SpM1_ChORF0359_s_at	<i>spy0359</i>	<i>spy0359</i>	610	381	616	721
SpM1_ChORF0588_s_at	<i>spy0588</i>	<i>spy0588</i>	262	382	254	262
SpM1_ChORF0577_at	<i>spy0577</i>	<i>spy0577</i>	161	383	411	613
SpM1_ChORF0724_s_at	<i>rplS</i>	<i>spy0724</i>	524	384	508	390
SpM1_ChORF1031_s_at	<i>acoL, pdhD</i>	<i>spy1031</i>	436	385	285	238
SpM1_ChORF0591_s_at	<i>spy0591</i>	<i>spy0591</i>	557	386	548	501
SpM1_ChORF0287_s_at	<i>spy0287</i>	<i>spy0287</i>	463	387	634	738
SpM1_ChORF1364_s_at	<i>dnaX</i>	<i>spy1364</i>	444	388	517	458
SpM12_ChORF273-5_s_at	<i>spy0331</i>	<i>spy0331</i>	268	389	401	504
SpM1_ChORF0295_s_at	<i>oppC</i>	<i>spy0295</i>	439	390	275	314
SpM1_ChORF1245_s_at	<i>pstS</i>	<i>spy1245</i>	599	391	620	752
SpM1_ChORF0123_s_at	<i>hsp33</i>	<i>spy0123</i>	682	392	652	684
SpM1_ChORF0097_s_at	<i>pbp1b</i>	<i>spy0097</i>	356	393	446	481
SpM1_ChORF1874_s_at	<i>spy1874</i>	<i>spy1874</i>	670	394	818	967
SpM1_ChORF1626_s_at	<i>pppL/stp1</i>	<i>spy1626</i>	260	395	323	246
SpM1_ChORF1143_s_at	<i>spy1143</i>	<i>spy1143</i>	378	396	418	503
SpM1_ChORF2029_s_at	<i>spy2029</i>	<i>spy2029</i>	319	397	220	187

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF2063_s_at	<i>spy2063</i>	<i>spy2063</i>	480	398	210	137
SpM1_ChORF0589_s_at	<i>spy0589</i>	<i>spy0589</i>	854	399	856	867
SpM1_ChORF0246_s_at	<i>fasX</i>	<i>spy0246</i>	728	400	543	710
SpM1_ChORF0760_s_at	<i>atpD</i>	<i>spy0760</i>	163	401	419	464
SpM1_ChORF1651_s_at	<i>pepC</i>	<i>spy1651</i>	213	402	464	630
SpM1_ChORF0294_s_at	<i>oppB</i>	<i>spy0294</i>	473	403	303	312
SpM1_ChORF2077_x_at	<i>csp</i>	<i>spy2077</i>	221	404	532	553
SpM1_ChORF1872_s_at	<i>spy1872</i>	<i>spy1872</i>	487	405	677	806
SpM1_ChORF1837_s_at	<i>mutS2</i>	<i>spy1837</i>	615	406	565	595
SpM1_ChORF0756_s_at	<i>atpF</i>	<i>spy0756</i>	298	407	722	862
SpM1_ChORF1145_s_at	<i>glyA</i>	<i>spy1145</i>	354	408	399	462
SpM1_ChORF0226_s_at	<i>gpsA</i>	<i>spy0226</i>	387	409	615	701
SpM1_ChORF1378_s_at	<i>nrdF.2</i>	<i>spy1378</i>	592	410	641	849
SpM1_ChORF1730_s_at	<i>hit</i>	<i>spy1730</i>	386	411	187	201
SpM1_ChORF1399_s_at	<i>nagB</i>	<i>spy1399</i>	243	412	294	186
SpM1_ChORF1627_s_at	<i>sunL</i>	<i>spy1627</i>	191	413	299	244
SpM1_ChORF0040_s_at	<i>spy0040</i>	<i>spy0040</i>	398	414	330	324
SpM1_ChORF1240_s_at	<i>phoU</i>	<i>spy1240</i>	485	415	454	636
SpM1_ChORF0476_s_at	<i>era</i>	<i>spy0476</i>	357	416	473	496
SpM1_ChORF1736_s_at	<i>spy1736</i>	<i>spy1736</i>	857	417	590	476
SpM1_ChORF0357_s_at	<i>spy0357</i>	<i>spy0357</i>	299	418	720	558
SpM1_ChORF0778_s_at	<i>spy0778</i>	<i>spy0778</i>	551	419	531	631
SpM1_ChORF0879_s_at	<i>spy0879</i>	<i>spy0879</i>	322	420	448	385
SpM18_ChORF0279_s_at	<i>spyM18_0279</i>	<i>spyM18_0279</i>	727	421	700	662
SpM1_ChORF1659_s_at	<i>spy1658</i>	<i>spy1658</i>	548	422	690	714
SpM1_ChORF1787_s_at	<i>spy1787</i>	<i>spy1787</i>	345	423	379	397
SpM1_ChORF0865_s_at	<i>spy0865</i>	<i>spy0865</i>	486	424	461	454
SpM1_ChORF0786_s_at	<i>rgpAc</i>	<i>spy0786</i>	633	425	681	772
SpM18_ChORF1214_s_at	<i>spyM18_1214</i>	<i>spyM18_1214</i>	151	426	152	73
SpM1_ChORF0444_s_at	<i>spy0444</i>	<i>spy0444</i>	402	427	440	460
SpM12_ChORF299-14_at	<i>spyoM12_ChORF_299_1</i>	<i>spyoM12_ChORF_299_1</i>	807	428	242	335
SpM1_ChORF1123_s_at	<i>4</i>	<i>4</i>	453	429	536	640
SpM1_ChORF0002_s_at	<i>prs</i>	<i>spy1123</i>	580	430	527	594
SpM1_ChORF2111_s_at	<i>dnaA</i>	<i>spy0002</i>	478	431	450	420
SpM1_ChORF1867_s_at	<i>spy2111</i>	<i>spy2111</i>	367	432	307	249
SpM1_ChORF0645_s_at	<i>deoC</i>	<i>spy1867</i>	350	433	481	443
SpM1_ChORF1619_s_at	<i>ftsX</i>	<i>spy0645</i>	418	434	455	569
SpM1_ChORF1097_s_at	<i>spy1619</i>	<i>spy1619</i>	182	435	431	536
SpM1_ChORF0334_s_at	<i>folE</i>	<i>spy1097</i>	438	436	604	494
SpM1_ChORF0513_s_at	<i>spy0334</i>	<i>spy0334</i>	83	437	158	265
SpM1_ChORF2095_s_at	<i>pepQ</i>	<i>spy0513</i>	343	438	474	941
SpM1_ChORF0121_s_at	<i>pepO</i>	<i>spy2095</i>	656	439	644	694
SpM1_ChORF0303_s_at	<i>spy0121</i>	<i>spy0121</i>	142	440	304	240
SpM1_ChORF1493_s_at	<i>spy0303</i>	<i>spy0303</i>	488	441	434	514
SpM1_ChORF0840_s_at	<i>spy1493</i>	<i>spy1493</i>	511	442	577	523
SpM1_ChORF1389_s_at	<i>rpsP</i>	<i>spy0840</i>	330	443	529	623
SpM1_ChORF0006_s_at	<i>alaS</i>	<i>spy1389</i>	865	444	575	797
SpM1_ChORF1225_s_at	<i>spy0006</i>	<i>spy0006</i>	699	445	413	419
SpM1_ChORF1673_s_at	<i>spy1225</i>	<i>spy1225</i>	455	446	347	286
SpM1_ChORF0617_s_at	<i>spy1673</i>	<i>spy1673</i>	698	447	706	1038
SpM1_ChORF0108_s_at	<i>spy0617</i>	<i>spy0617</i>	962	448	930	1112
SpM1_ChORF0887_s_at	<i>spy0108</i>	<i>spy0108</i>	691	449	707	648
SpM1_ChORF0619_s_at	<i>spy0887</i>	<i>spy0887</i>	581	450	389	348
SpM1_ChORF1862_s_at	<i>spy0619</i>	<i>spy0619</i>	683	451	359	478
SpM1_ChORF0583_s_at	<i>spy1862</i>	<i>spy1862</i>	175	452	469	520
SpM1_ChORF0074_s_at	<i>spy0583</i>	<i>spy0583</i>	747	453	688	1392
SpM1_ChORF2105_s_at	<i>adk</i>	<i>spy0074</i>	420	454	355	293
SpM1_ChORF0910_s_at	<i>nrdG</i>	<i>spy2105</i>	337	455	523	465
SpM1_ChORF1359_s_at	<i>parC</i>	<i>spy0910</i>	566	456	696	705
SpM1_ChORF0769_s_at	<i>metK</i>	<i>spy1359</i>	347	457	493	509
	<i>pheT</i>	<i>spy0769</i>				

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF2106_s_at	<i>spy2106</i>	<i>spy2106</i>	433	458	339	278
SpM18_ChORF2167_x_at	<i>spyM18_2167</i>	<i>spyM18_2167</i>	476	459	436	375
SpM1_ChORF0288_s_at	<i>nifS, csd</i>	<i>spy0288</i>	464	460	621	728
SpM1_ChORF0817_s_at	<i>thil</i>	<i>spy0817</i>	623	461	708	741
SpM1_ChORF0188_s_at	<i>vlg</i>	<i>spy0188</i>	445	462	383	338
SpM1_ChORF1674_s_at	<i>spy1674</i>	<i>spy1674</i>	509	463	422	402
SpM1_ChORF1217_s_at	<i>spy1217</i>	<i>spy1217</i>	526	464	279	328
SpM1_ChORF0462_s_at	<i>pyrH</i>	<i>spy0462</i>	565	465	709	679
SpM1_ChORF1436_s_at	<i>mf3</i>	<i>spy1436</i>	187	466	198	151
SpM1_ChORF1742_s_at	<i>serS</i>	<i>spy1742</i>	830	467	603	686
SpM1_ChORF1932_s_at	<i>rplM</i>	<i>spy1932</i>	849	468	887	852
SpM1_ChORF1529_s_at	<i>glcK</i>	<i>spy1529</i>	536	469	288	395
SpM1_ChORF1781_s_at	<i>spy1781</i>	<i>spy1781</i>	424	470	467	601
SpM1_ChORF1523_s_at	<i>divIB</i>	<i>spy1523</i>	413	471	428	414
SpM1_ChORF0936_s_at	<i>cpsFQ</i>	<i>spy0936</i>	344	472	530	606
SpM1_ChORF0650_s_at	<i>aspC</i>	<i>spy0650</i>	771	473	649	659
SpM1_ChORF0109_s_at	<i>ackA</i>	<i>spy0109</i>	891	474	846	1008
SpM1_ChORF0813_at	<i>gor/gpoA/gshR</i>	<i>spy0813</i>	419	475	387	321
SpM1_ChORF0915_s_at	<i>spy0915</i>	<i>spy0915</i>	811	476	665	554
SpM1_ChORF1247_s_at	<i>spy1247</i>	<i>spy1247</i>	496	477	598	681
SpM1_ChORF0757_s_at	<i>atpH</i>	<i>spy0757</i>	314	478	714	863
SpM1_ChORF1230_s_at	<i>cdd</i>	<i>spy1230</i>	824	479	499	511
SpM1_ChORF1686_s_at	<i>spy1686</i>	<i>spy1686</i>	174	480	225	146
SpM1_ChORF0426_s_at	<i>nrdI</i>	<i>spy0426</i>	1408	481	591	568
SpM1_ChORF0248_s_at	<i>spy0248</i>	<i>spy0248</i>	597	482	425	516
SpM1_ChORF0467_s_at	<i>spy0467</i>	<i>spy0467</i>	712	483	468	495
SpM1_ChORF1965_s_at	<i>uppS</i>	<i>spy1965</i>	544	484	560	618
SpM1_ChORF1281_s_at	<i>sipC</i>	<i>spy1281</i>	377	485	338	296
SpM1_ChORF0919_at	<i>spy0919</i>	<i>spy0919</i>	188	486	386	593
SpM1_ChORF1533_s_at	<i>spy1533</i>	<i>spy1533</i>	525	487	511	533
M12_1023_s_at	M12_1023	M12_1023	663	488	617	599
SpM1_ChORF1149_s_at	<i>spy1149</i>	<i>spy1149</i>	475	489	441	353
SpM1_ChORF1259_s_at	<i>spy1259</i>	<i>spy1259</i>	459	490	429	333
SpM1_ChORF1644_s_at	<i>spy1644</i>	<i>spy1644</i>	317	491	380	243
SpM1_ChORF0593_s_at	<i>spy0593</i>	<i>spy0593</i>	352	492	178	227
SpM1_ChORF0486_s_at	<i>spy0486</i>	<i>spy0486</i>	452	493	417	401
SpM1_ChORF1496_s_at	<i>spy1496</i>	<i>spy1496</i>	846	494	483	654
SpM1_ChORF0277_s_at	<i>spy0277</i>	<i>spy0277</i>	982	495	839	984
SpM1_ChORF0726_s_at	<i>spy0726</i>	<i>spy0726</i>	561	496	589	535
SpM1_ChORF0926_s_at	<i>recJ</i>	<i>spy0926</i>	311	497	470	421
SpM1_ChORF1241_s_at	<i>pstB</i>	<i>spy1241</i>	659	498	624	796
SpM1_ChORF0857_s_at	<i>mur1.2</i>	<i>spy0857</i>	1209	499	963	961
SpM1_ChORF0457_s_at	<i>spy0457</i>	<i>spy0457</i>	630	500	635	585
SpM1_ChORF1755_s_at	<i>spy1755</i>	<i>spy1755</i>	32	501	501	394
SpM1_ChORF1420_s_at	<i>murF</i>	<i>spy1420</i>	510	502	614	548
SpM1_ChORF1312_s_at	<i>dltA</i>	<i>spy1312</i>	160	503	475	446
SpM1_ChORF0422_s_at	<i>metS</i>	<i>spy0422</i>	554	504	522	449
SpM1_ChORF0909_s_at	<i>parE</i>	<i>spy0909</i>	468	505	716	633
SpM1_ChORF0803_s_at	<i>cmk</i>	<i>spy0803</i>	375	506	351	341
SpM1_ChORF0263_s_at	<i>spy0263</i>	<i>spy0263</i>	414	507	334	363
SpM1_ChORF0831_s_at	<i>pyrP</i>	<i>spy0831</i>	489	508	576	947
SpM1_ChORF1895_s_at	<i>rpoE</i>	<i>spy1895</i>	832	509	959	1074
SpM1_ChORF0430_at	<i>spy0430</i>	<i>spy0430</i>	253	510	215	279
SpM1_ChORF1941_s_at	<i>cysS</i>	<i>spy1941</i>	743	511	509	746
SpM1_ChORF1356_s_at	<i>spy1356</i>	<i>spy1356</i>	678	512	537	611
SpM1_ChORF1857_s_at	<i>spy1857</i>	<i>spy1857</i>	1035	513	804	885
SpM1_ChORF2019_s_at	<i>mga</i>	<i>spy2019</i>	838	514	618	748
SpM1_ChORF0454_s_at	<i>mtsB</i>	<i>spy0454</i>	705	515	646	657
SpM1_ChORF1094_s_at	<i>spy1094</i>	<i>spy1094</i>	945	516	684	942
SpM18_ChORF0393_s_at	<i>speA</i>	<i>spyM18_0393</i>	976	517	230	132
SpM1_ChORF1689_s_at	<i>glyQ</i>	<i>spy1689</i>	393	518	636	737

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF0289_s_at	<i>nifU, yurV</i>	<i>spy0289</i>	502	519	692	848
SpM1_ChORF0282_s_at	<i>rgpG</i>	<i>spy0282</i>	904	520	683	972
SpM1_ChORF1365_s_at	<i>spy1365</i>	<i>spy1365</i>	497	521	579	634
SpM1_ChORF0866_s_at	<i>papS</i>	<i>spy0866</i>	467	522	458	399
	<i>spyoM5_ChORF_J7578C</i>	<i>SpyoM5_ChORF_J7578C</i>				
SpM5_ChORFJ7578C-5_s_at	<i>e05.s1c_5</i>	<i>e05.s1c_5</i>	760	523	928	898
SpM1_ChORF0250_x_at	<i>rpmH</i>	<i>spy0250</i>	909	524	512	677
SpM1_ChORF0652_s_at	<i>spy0652</i>	<i>spy0652</i>	408	525	505	544
SpM1_ChORF1192_s_at	<i>citC</i>	<i>spy1192</i>	364	526	381	269
SpM1_ChORF0500_s_at	<i>spy0500</i>	<i>spy0500</i>	290	527	388	377
SpM1_ChORF0738_at	<i>sagA</i>	<i>spy0738</i>	492	528	141	65
SpM1_ChORF2000_s_at	<i>dppA</i>	<i>spy2000</i>	342	529	562	562
SpM1_ChORF2217_s_at	<i>spoJ</i>	<i>spy2217</i>	391	530	360	298
SpM1_ChORF1629_s_at	<i>priA</i>	<i>spy1629</i>	373	531	375	360
	<i>spyoM5_ChORF_J7578C</i>	<i>SpyoM5_ChORF_J7578C</i>				
SpM5_ChORFJ7578C-81_s_at	<i>e05.s1c_81</i>	<i>e05.s1c_81</i>	443	532	486	445
SpM1_ChORF0654_s_at	<i>spy0654</i>	<i>spy0654</i>	430	533	553	620
SpM1_ChORF0317_s_at	<i>spy0317</i>	<i>spy0317</i>	232	534	682	711
SpM1_ChORF0374_s_at	<i>spy0374</i>	<i>spy0374</i>	732	535	601	673
SpM1_ChORF0720_s_at	<i>spy0720</i>	<i>spy0720</i>	605	536	496	517
SpM1_ChORF0117_s_at	<i>spy0117</i>	<i>spy0117</i>	1022	537	1086	1252
SpM1_ChORF1621_s_at	<i>rr03</i>	<i>spy1621</i>	472	538	391	455
SpM1_ChORF1777_s_at	<i>codY</i>	<i>spy1777</i>	568	539	762	715
SpM1_ChORF0948_s_at	<i>spy0948</i>	<i>spy0948</i>	396	540	354	222
SpM1_ChORF1315_s_at	<i>glnH</i>	<i>spy1315</i>	189	541	826	815
SpM1_ChORF0319_s_at	<i>spy0319</i>	<i>spy0319</i>	694	542	747	784
SpM1_ChORF1302_at	<i>amyA</i>	<i>spy1302</i>	169	543	74	24
SpM1_ChORF0616_s_at	<i>murM</i>	<i>spy0616</i>	608	544	689	963
SpM1_ChORF1723_s_at	<i>spy1723</i>	<i>spy1723</i>	401	545	416	302
SpM1_ChORF1515_s_at	<i>spy1515</i>	<i>spy1515</i>	583	546	556	750
SpM1_ChORF1147_s_at	<i>pvaA</i>	<i>spy1147</i>	465	547	471	508
SpM1_ChORF1673_at	<i>proB</i>	<i>spy1672</i>	535	548	423	355
SpM1_ChORF0741_s_at	<i>sagD</i>	<i>spy0741</i>	474	549	68	55
SpM1_ChORF1498_s_at	<i>fps</i>	<i>spy1498</i>	975	550	525	769
SpM1_ChORF0740_s_at	<i>sagC</i>	<i>spy0740</i>	507	551	58	48
SpM1_ChORF1695_s_at	<i>spy1695</i>	<i>spy1695</i>	755	552	676	619
SpM1_ChORF0129_at	<i>eftLSL.B</i>	<i>spy0129</i>	256	553	767	1459
SpM1_ChORF0262_s_at	<i>ksgA</i>	<i>spy0262</i>	684	554	773	452
SpM1_ChORF0164_s_at	<i>nusG</i>	<i>spy0164</i>	626	555	600	459
SpM1_ChORF1141_s_at	<i>prfA</i>	<i>spy1141</i>	720	556	827	912
SpM1_ChORF1201_s_at	<i>ylxM</i>	<i>spy1201</i>	920	557	937	841
	<i>spyoM49_ChORF_sp001</i>	<i>SpyoM49_ChORF_sp001</i>				
SpM49_ChORF391-1_s_at	<i>_0_391_1</i>	<i>_0_391_1</i>	383	558	596	649
SpM1_ChORF1216_s_at	<i>spy1216</i>	<i>spy1216</i>	636	559	319	344
SpM1_ChORF0229_s_at	<i>spy0229</i>	<i>spy0229</i>	618	560	472	383
SpM1_ChORF0899_s_at	<i>spy0899</i>	<i>spy0899</i>	677	561	571	578
SpM1_ChORF0794_s_at	<i>spy0794</i>	<i>spy0794</i>	521	562	573	757
SpM1_ChORF0928_s_at	<i>dnaD</i>	<i>spy0928</i>	501	563	552	506
SpM18_ChORF1629_s_at	<i>spyM18_1629</i>	<i>spyM18_1629</i>	504	564	542	632
SpM1_ChORF1069_s_at	<i>spy1069</i>	<i>spy1069</i>	412	565	533	469
SpM1_ChORF1820_s_at	<i>spy1820</i>	<i>spy1820</i>	624	566	382	387
SpM1_ChORF1525_s_at	<i>murD</i>	<i>spy1525</i>	587	567	488	540
SpM1_ChORF1353_s_at	<i>spy1353</i>	<i>spy1353</i>	635	568	557	589
SpM1_ChORF0787_s_at	<i>rgpBc</i>	<i>spy0787</i>	666	569	725	835
SpM1_ChORF0092_s_at	<i>adcR</i>	<i>spy0092</i>	882	570	787	720
	<i>spyoM5_ChORF_275f02.</i>	<i>SpyoM5_ChORF_275f02.</i>				
SpM5_ChORF275f-5_s_at	<i>p1cq_5</i>	<i>p1cq_5</i>	1524	571	990	1185
SpM1_ChORF1375_s_at	<i>nrdE.2</i>	<i>spy1375</i>	564	572	879	1004
SpM1_ChORF0267_s_at	<i>cbf</i>	<i>spy0267</i>	437	573	367	330
SpM1_ChORF0864_s_at	<i>spy0864</i>	<i>spy0864</i>	660	574	607	641
SpM1_ChORF0281_s_at	<i>mecA</i>	<i>spy0281</i>	954	575	863	969
SpM1_ChORF0261_s_at	<i>spy0261</i>	<i>spy0261</i>	800	576	821	473

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF0615_s_at	<i>murN</i>	<i>spy0615</i>	575	577	664	962
SpM1_ChORF1222_s_at	<i>dfp</i>	<i>spy1222</i>	992	578	581	635
SpM1_ChORF0878_s_at	<i>mvaK2</i>	<i>spy0878</i>	483	579	637	543
SpM1_ChORF0239_s_at	<i>gltX</i>	<i>spy0239</i>	786	580	1004	1128
SpM1_ChORF0351_s_at	<i>spy0351</i>	<i>spy0351</i>	477	581	735	639
SpM1_ChORF1845_s_at	<i>spy1845</i>	<i>spy1845</i>	696	582	245	182
SpM1_ChORF0466_s_at	<i>msrA.2</i>	<i>spy0466</i>	748	583	515	524
SpM1_ChORF0643_s_at	<i>prfB</i>	<i>spy0643</i>	505	584	647	572
SpM1_ChORF0397_s_at	<i>spy0397</i>	<i>spy0397</i>	602	585	685	617
SpM1_ChORF1854_s_at	<i>glpF.2</i>	<i>spy1854</i>	1146	586	1139	1285
SpM1_ChORF0512_s_at	<i>spy0512</i>	<i>spy0512</i>	115	587	222	273
SpM49_ChORF8094-24_s_at	<i>spy0037</i>	<i>spy0037</i>	1182	588	894	1037
SpM1_ChORF1657_s_at	<i>spy1656</i>	<i>spy1656</i>	577	589	703	661
SpM1_ChORF0128_at	<i>spy0128</i>	<i>spy0128</i>	300	590	897	1484
SpM1_ChORF1568_s_at	<i>valS</i>	<i>spy1568</i>	446	591	584	669
	<i>spyoM12_ChORF_274_1</i>	<i>SpyoM12_ChORF_274_1</i>				
SpM12_ChORF274-19_s_at	9	9	616	592	745	704
SpM1_ChORF1120_s_at	<i>spy1120</i>	<i>spy1120</i>	555	593	609	642
SpM1_ChORF0292_s_at	<i>dacA</i>	<i>spy0292</i>	990	594	613	823
SpM1_ChORF0173_s_at	<i>leuS</i>	<i>spy0173</i>	621	595	658	753
SpM1_ChORF0892_s_at	<i>punA</i>	<i>spy0892</i>	441	596	566	604
SpM1_ChORF1754_s_at	<i>fabH</i>	<i>spy1754</i>	39	597	563	453
SpM1_ChORF2112_s_at	<i>spy2112</i>	<i>spy2112</i>	649	598	445	563
SpM1_ChORF0203_s_at	<i>tgt</i>	<i>spy0203</i>	701	599	1111	1214
SpM1_ChORF0861_s_at	<i>mac</i>	<i>spy0861</i>	1021	600	819	945
SpM1_ChORF0020_s_at	<i>prsA.2</i>	<i>spy0020</i>	794	601	968	981
SpM1_ChORF0338_s_at	<i>spy0338</i>	<i>spy0338</i>	641	602	645	759
SpM1_ChORF1333_s_at	<i>obg</i>	<i>spy1333</i>	590	603	814	651
SpM12_ChORF265-4_s_at	<i>spy2037</i>	<i>spy2037</i>	156	604	421	258
SpM1_ChORF1687_s_at	<i>spy1687</i>	<i>spy1687</i>	395	605	480	555
SpM1_ChORF0362_s_at	<i>spy0362</i>	<i>spy0362</i>	573	606	675	951
SpM1_ChORF0321_s_at	<i>spy0321</i>	<i>spy0321</i>	894	607	656	660
SpM1_ChORF0094_s_at	<i>adcB</i>	<i>spy0094</i>	869	608	679	579
SpM1_ChORF2053_s_at	<i>spy2053</i>	<i>spy2053</i>	540	609	166	107
SpM1_ChORF0264_s_at	<i>rpe</i>	<i>spy0264</i>	522	610	373	371
SpM1_ChORF1100_s_at	<i>folK</i>	<i>spy1100</i>	289	611	558	603
SpM1_ChORF1658_s_at	<i>spy1657</i>	<i>spy1657</i>	612	612	743	723
SpM1_ChORF2188_s_at	<i>trmU</i>	<i>spy2188</i>	848	613	876	787
SpM1_ChORF1735_s_at	<i>spy1735</i>	<i>spy1735</i>	1015	614	782	646
SpM1_ChORF0127_at	<i>spy0127</i>	<i>spy0127</i>	369	615	1108	1534
SpM1_ChORF1524_s_at	<i>murG</i>	<i>spy1524</i>	546	616	551	560
SpM1_ChORF2210_s_at	<i>spy2210</i>	<i>spy2210</i>	908	617	996	1325
SpM1_ChORF0507_s_at	<i>spy0507</i>	<i>spy0507</i>	764	618	749	870
SpM1_ChORF1393_s_at	<i>pepB</i>	<i>spy1393</i>	494	619	580	500
	<i>spyoM12_ChORF_272_9</i>	<i>SpyoM12_ChORF_272_9</i>				
SpM12_ChORF272-9_s_at			614	620	494	380
SpM1_ChORF1506_s_at	<i>spy1506</i>	<i>spy1506</i>	1355	621	751	794
SpM1_ChORF1726_s_at	<i>spy1726</i>	<i>spy1726</i>	956	622	739	1026
SpM1_ChORF0278_s_at	<i>spy0278</i>	<i>spy0278</i>	425	623	528	538
SpM1_ChORF0816_s_at	<i>nifS, yrvO</i>	<i>spy0816</i>	856	624	932	937
SpM12_ChORF266-14_s_at	<i>spy0580</i>	<i>spy0580</i>	1036	625	958	1002
SpM1_ChORF1368_s_at	<i>udk</i>	<i>spy1368</i>	1196	626	1129	1169
SpM1_ChORF1842_s_at	<i>spi</i>	<i>spy1842</i>	828	627	776	865
SpM1_ChORF0190_s_at	<i>spy0190</i>	<i>spy0190</i>	607	628	435	263
SpM1_ChORF1858_s_at	<i>pepXP</i>	<i>spy1858</i>	1155	629	740	808
SpM1_ChORF0115_s_at	<i>pepA</i>	<i>spy0115</i>	726	630	731	722
SpM1_ChORF1798_s_at	<i>spy1798</i>	<i>spy1798</i>	394	631	659	616
SpM1_ChORF0305_s_at	<i>spy0305</i>	<i>spy0305</i>	919	632	891	894
SpM1_ChORF1139_at	<i>spy1139</i>	<i>spy1139</i>	967	633	939	1065
SpM18_ChORF1666_s_at	<i>trxB</i>	<i>spyM18_1666</i>	686	634	718	652
SpM1_ChORF1173_s_at	<i>gid</i>	<i>spy1173</i>	895	635	756	726
SpM18_ChORF0196_s_at	<i>spyM18_0196</i>	<i>spyM18_0196</i>	515	636	761	914

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF0201_s_at	<i>spy0201</i>	<i>spy0201</i>	810	637	572	545
SpM1_ChORF2154_s_at	<i>spy2154</i>	<i>spy2154</i>	759	638	544	582
SpM1_ChORF2191_s_at	<i>sceD</i>	<i>spy2191</i>	1025	639	898	727
SpM1_ChORF0290_s_at	<i>spy0290</i>	<i>spy0290</i>	688	640	857	952
SpM1_ChORF1940_s_at	<i>spy1940</i>	<i>spy1940</i>	770	641	631	850
SpM1_ChORF1401_s_at	<i>spy1401</i>	<i>spy1401</i>	766	642	848	838
SpM1_ChORF1218_s_at	<i>spy1218</i>	<i>spy1218</i>	648	643	442	518
SpM12_ChORF263-13_s_at	<i>asnS</i>	<i>spy0651</i>	934	644	852	906
SpM1_ChORF2148_s_at	<i>mutS</i>	<i>spy2148</i>	1066	645	668	629
SpM1_ChORF0807_s_at	<i>spy0807</i>	<i>spy0807</i>	695	646	991	1158
SpM1_ChORF0323_s_at	<i>braB</i>	<i>spy0323</i>	1311	647	853	743
SpM1_ChORF1196_s_at	<i>spy1196</i>	<i>spy1196</i>	484	648	514	370
SpM1_ChORF0363_s_at	<i>spy0363</i>	<i>spy0363</i>	541	649	734	990
SpM1_ChORF1693_s_at	<i>spy1693</i>	<i>spy1693</i>	216	650	153	130
SpM1_ChORF1866_s_at	<i>spy1866</i>	<i>spy1866</i>	867	651	660	576
SpM18_ChORF0013_s_at	<i>hpt</i>	<i>spyM18_0013</i>	776	652	938	893
SpM1_ChORF0529_s_at	<i>vicK</i>	<i>spy0529</i>	596	653	728	846
SpM1_ChORF0587_s_at	<i>spy0587</i>	<i>spy0587</i>	512	654	521	570
SpM1_ChORF1828_s_at	<i>spy1828</i>	<i>spy1828</i>	1129	655	1120	1202
SpM3_ChORF0884_s_at	<i>spyM3_0884</i>	<i>SpyM3_0884</i>	744	656	680	833
SpM1_ChORF1055_s_at	<i>csrA</i>	<i>spy1055</i>	550	657	633	528
SpM1_ChORF0749_s_at	<i>spy0749</i>	<i>spy0749</i>	1124	658	538	413
SpM1_ChORF1492_s_at	<i>spy1492</i>	<i>spy1492</i>	658	659	672	749
	<i>spyoM5_ChORF_BAC16</i>	<i>SpyoM5_ChORF_BAC16</i>				
SpM5_ChORF-b16C31-7_s_at	<i>C3.00001_7</i>	<i>C3.00001_7</i>	513	660	519	417
SpM1_ChORF1818_s_at	<i>nusB</i>	<i>spy1818</i>	634	661	403	409
SpM1_ChORF0596_s_at	<i>spy0596</i>	<i>spy0596</i>	1032	662	992	1181
SpM1_ChORF2196_s_at	<i>pgsA</i>	<i>spy2196</i>	952	663	972	1127
SpM1_ChORF1369_s_at	<i>deaD2</i>	<i>spy1369</i>	458	664	539	423
SpM1_ChORF0889_s_at	<i>rpiA</i>	<i>spy0889</i>	578	665	752	745
SpM1_ChORF0388_s_at	<i>murE</i>	<i>spy0388</i>	523	666	957	993
SpM1_ChORF0931_s_at	<i>spy0931</i>	<i>spy0931</i>	690	667	757	697
SpM1_ChORF1193_s_at	<i>spy1193</i>	<i>spy1193</i>	589	668	568	428
SpM1_ChORF1012_s_at	<i>spy1012</i>	<i>spy1012</i>	718	669	588	817
SpM1_ChORF0814_s_at	<i>folC.2</i>	<i>spy0814</i>	562	670	900	1072
SpM1_ChORF0827_s_at	<i>spy0827</i>	<i>spy0827</i>	697	671	807	828
SpM1_ChORF0790_s_at	<i>rgpDc</i>	<i>spy0790</i>	673	672	798	940
SpM1_ChORF2185_s_at	<i>gidA</i>	<i>spy2185</i>	929	673	811	765
SpM1_ChORF2149_s_at	<i>spy2149</i>	<i>spy2149</i>	1047	674	840	874
SpM1_ChORF0852_s_at	<i>apbA</i>	<i>spy0852</i>	518	675	918	1016
SpM1_ChORF2104_s_at	<i>spy2104</i>	<i>spy2104</i>	1003	676	980	976
SpM1_ChORF1851_s_at	<i>cppA</i>	<i>spy1851</i>	730	677	1026	903
SpM1_ChORF1343_s_at	<i>spy1343</i>	<i>spy1343</i>	588	678	1109	1188
SpM1_ChORF0463_s_at	<i>rrf</i>	<i>spy0463</i>	679	679	831	809
SpM1_ChORF0895_s_at	<i>cpsX</i>	<i>spy0895</i>	584	680	592	637
SpM1_ChORF1068_s_at	<i>uvrC</i>	<i>spy1068</i>	379	681	460	381
SpM1_ChORF0601_s_at	<i>spy0601</i>	<i>spy0601</i>	756	682	875	866
SpM1_ChORF0916_s_at	<i>spy0916</i>	<i>spy0916</i>	700	683	673	461
SpM1_ChORF1571_s_at	<i>spy1571</i>	<i>spy1571</i>	1170	684	1025	1133
SpM1_ChORF2059_s_at	<i>pbp2A</i>	<i>spy2059</i>	340	685	746	840
SpM1_ChORF1099_s_at	<i>folQ</i>	<i>spy1099</i>	280	686	599	656
SpM1_ChORF0530_s_at	<i>vicX</i>	<i>spy0530</i>	715	687	783	853
SpM1_ChORF0399_s_at	<i>tmk</i>	<i>spy0399</i>	680	688	583	550
SpM1_ChORF1729_s_at	<i>spy1729</i>	<i>spy1729</i>	1016	689	772	1020
SpM1_ChORF0327_s_at	<i>ntpJ</i>	<i>spy0327</i>	860	690	836	964
SpM1_ChORF0799_s_at	<i>pepT</i>	<i>spy0799</i>	397	691	370	291
SpM1_ChORF1714_s_at	<i>copZ</i>	<i>spy1714</i>	676	692	452	320
SpM1_ChORF0811_s_at	<i>spy0811</i>	<i>spy0811</i>	796	693	820	740
SpM1_ChORF2055_s_at	<i>spy2055</i>	<i>spy2055</i>	733	694	94	143
SpM1_ChORF0112_s_at	<i>proC</i>	<i>spy0112</i>	685	695	733	689
SpM1_ChORF1827_s_at	<i>spy1827</i>	<i>spy1827</i>	1143	696	1246	1323
SpM1_ChORF1219_s_at	<i>spy1219</i>	<i>spy1219</i>	674	697	484	588

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF1275_s_at	<i>spy1275</i>	<i>spy1275</i>	1001	698	755	760
SpM1_ChORF0925_s_at	<i>spy0925</i>	<i>spy0925</i>	530	699	721	624
SpM1_ChORF1528_s_at	<i>spy1528</i>	<i>spy1528</i>	729	700	449	552
SpM1_ChORF0528_s_at	<i>vicR</i>	<i>spy0528</i>	619	701	754	908
SpM1_ChORF1244_s_at	<i>pstC2</i>	<i>spy1244</i>	782	702	833	968
SpM1_ChORF0210_s_at	<i>spy0210</i>	<i>spy0210</i>	500	703	693	529
SpM1_ChORF1102_s_at	<i>potA</i>	<i>spy1102</i>	841	704	884	820
SpM1_ChORF1581_s_at	<i>spy1581</i>	<i>spy1581</i>	569	705	697	700
SpM1_ChORF0158_s_at	<i>spy0158</i>	<i>spy0158</i>	411	706	491	584
SpM1_ChORF0751_s_at	<i>lig</i>	<i>spy0751</i>	498	707	944	971
SpM1_ChORF1694_s_at	<i>nagA</i>	<i>spy1694</i>	318	708	397	225
SpM1_ChORF1802_s_at	<i>alr</i>	<i>spy1802</i>	552	709	547	392
SpM1_ChORF1126_s_at	<i>spy1126</i>	<i>spy1126</i>	893	710	917	926
SpM1_ChORF1033_s_at	<i>lplB</i>	<i>spy1033</i>	1123	711	1080	1190
SpM1_ChORF1869_s_at	<i>udp</i>	<i>spy1869</i>	528	712	344	252
SpM1_ChORF0653_s_at	<i>spy0653</i>	<i>spy0653</i>	560	713	663	678
	<i>spyoM5_ChORF_270b10. SpyoM5_ChORF_270b10</i>					
SpM5_ChORF270b-538_s_at	<i>p1t_538</i>	<i>.p1t_538</i>	840	714	1074	1231
SpM18_ChORF1663_s_at	<i>spyM18_1663</i>	<i>spyM18_1663</i>	876	715	602	583
SpM1_ChORF0818_s_at	<i>capA</i>	<i>spy0818</i>	287	716	492	350
SpM1_ChORF0260_s_at	<i>spy0260</i>	<i>spy0260</i>	932	717	913	559
SpM12_ChORF205-1_s_at	<i>spy0746</i>	<i>spy0746</i>	818	718	171	93
SpM1_ChORF1675_s_at	<i>spy1675</i>	<i>spy1675</i>	825	719	719	675
SpM5_ChORF125g-81_s_at	<i>spy2054</i>	<i>spy2054</i>	642	720	191	133
SpM1_ChORF1243_s_at	<i>pstC</i>	<i>spy1243</i>	740	721	758	875
SpM1_ChORF1248_s_at	<i>spy1248</i>	<i>spy1248</i>	790	722	727	878
SpM1_ChORF2207_s_at	<i>trsA/trpA</i>	<i>spy2207</i>	950	723	666	1077
SpM1_ChORF0841_s_at	<i>spy0841</i>	<i>spy0841</i>	772	724	888	812
	<i>spyoM5_ChORF_270b10. SpyoM5_ChORF_270b10</i>					
SpM5_ChORF270b-433_s_at	<i>p1t_433</i>	<i>.p1t_433</i>	905	725	851	834
SpM1_ChORF2155_s_at	<i>spy2155</i>	<i>spy2155</i>	953	726	723	819
SpM1_ChORF1119_s_at	<i>spy1119</i>	<i>spy1119</i>	723	727	799	676
SpM1_ChORF1128_s_at	<i>pta</i>	<i>spy1128</i>	336	728	540	486
SpM1_ChORF1983_s_at	<i>sclA</i>	<i>spy1983</i>	974	729	796	1051
SpM1_ChORF1202_s_at	<i>spy1202</i>	<i>spy1202</i>	961	730	974	930
SpM1_ChORF0922_s_at	<i>spy0922</i>	<i>spy0922</i>	654	731	795	696
SpM3_ChORF0820_s_at	<i>topA</i>	<i>spy1164</i>	609	732	903	907
SpM1_ChORF0838_s_at	<i>spy0838</i>	<i>spy0838</i>	595	733	405	490
SpM1_ChORF1984_s_at	<i>nrdI.1</i>	<i>spy1984</i>	725	734	952	950
SpM1_ChORF0450_s_at	<i>scaR</i>	<i>spy0450</i>	450	735	605	691
SpM1_ChORF0400_s_at	<i>dnaX</i>	<i>spy0400</i>	647	736	594	531
SpM1_ChORF1725_s_at	<i>spy1725</i>	<i>spy1725</i>	570	737	549	422
SpM1_ChORF1352_s_at	<i>aroA</i>	<i>spy1352</i>	582	738	524	466
SpM1_ChORF1236_s_at	<i>ciaH</i>	<i>spy1236</i>	503	739	736	719
SpM1_ChORF2074_s_at	<i>ctsR</i>	<i>spy2074</i>	622	740	760	605
SpM1_ChORF1220_s_at	<i>spy1220</i>	<i>spy1220</i>	708	741	513	653
SpM1_ChORF1829_s_at	<i>rpsR</i>	<i>spy1829</i>	665	742	812	747
SpM1_ChORF0755_s_at	<i>atpB</i>	<i>spy0755</i>	632	743	1018	1146
SpM1_ChORF0762_s_at	<i>spy0762</i>	<i>spy0762</i>	873	744	868	909
SpM18_ChORF1197_s_at	<i>spyM18_1197</i>	<i>spyM18_1197</i>	839	745	784	925
SpM1_ChORF0797_s_at	<i>amrA</i>	<i>spy0797</i>	689	746	699	744
SpM1_ChORF2060_s_at	<i>spy2060</i>	<i>spy2060</i>	591	747	730	1022
SpM1_ChORF1699_s_at	<i>spy1699</i>	<i>spy1699</i>	989	748	911	900
SpM1_ChORF0470_s_at	<i>spy0470</i>	<i>spy0470</i>	281	749	456	368
SpM1_ChORF1301_s_at	<i>malC</i>	<i>spy1301</i>	366	750	155	36
SpM1_ChORF0506_s_at	<i>pcp</i>	<i>spy0506</i>	795	751	704	695
SpM1_ChORF1646_s_at	<i>spy1646</i>	<i>spy1646</i>	878	752	927	935
SpM1_ChORF0316_s_at	<i>spy0316</i>	<i>spy0316</i>	822	753	1012	1201
SpM1_ChORF0784_s_at	<i>rmlD</i>	<i>spy0784</i>	606	754	765	625
SpM1_ChORF1779_s_at	<i>spy1779</i>	<i>spy1779</i>	645	755	1027	953
SpM1_ChORF1871_s_at	<i>rpsN2</i>	<i>spy1871</i>	1020	756	886	739
SpM1_ChORF0567_s_at	<i>spy0567</i>	<i>spy0567</i>	855	757	638	829

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF1071_s_at	<i>thdF</i>	<i>spy1071</i>	1171	758	1083	1027
SpM1_ChORF0159_s_at	<i>spy0159</i>	<i>spy0159</i>	567	759	691	807
SpM1_ChORF1971_s_at	<i>spy1971</i>	<i>spy1971</i>	687	760	802	904
SpM1_ChORF0739_s_at	<i>sagB</i>	<i>spy0739</i>	671	761	115	92
SpM1_ChORF0163_s_at	<i>spy0163</i>	<i>spy0163</i>	803	762	803	775
SpM1_ChORF1232_s_at	<i>spy1232</i>	<i>spy1232</i>	1363	763	1229	1405
SpM1_ChORF0793_s_at	<i>spy0793</i>	<i>spy0793</i>	650	764	806	965
SpM1_ChORF0621_s_at	<i>spy0621</i>	<i>spy0621</i>	1012	765	1118	1180
SpM1_ChORF0777_s_at	<i>rexA</i>	<i>spy0777</i>	545	766	738	843
SpM1_ChORF1134_s_at	<i>proWX</i>	<i>spy1134</i>	667	767	785	692
SpM1_ChORF1272_s_at	<i>spy1272</i>	<i>spy1272</i>	837	768	789	708
SpM1_ChORF1274_s_at	<i>spy1274</i>	<i>spy1274</i>	1013	769	830	882
SpM1_ChORF0003_s_at	<i>dnaN</i>	<i>spy0003</i>	835	770	593	859
SpM1_ChORF0346_s_at	<i>spy0346</i>	<i>spy0346</i>	757	771	686	596
SpM1_ChORF1538_s_at	<i>spy1538</i>	<i>spy1538</i>	926	772	1021	1071
SpM1_ChORF0208_s_at	<i>spy0208</i>	<i>spy0208</i>	817	773	981	1207
SpM1_ChORF1223_s_at	<i>spy1223</i>	<i>spy1223</i>	1328	774	763	816
SpM1_ChORF1025_s_at	<i>spy1025</i>	<i>spy1025</i>	907	775	750	801
SpM1_ChORF1833_s_at	<i>mutY</i>	<i>spy1833</i>	775	776	1147	1140
SpM1_ChORF1491_s_at	<i>spy1491</i>	<i>spy1491</i>	722	777	732	758
SpM1_ChORF0568_s_at	<i>spy0568</i>	<i>spy0568</i>	819	778	628	712
SpM1_ChORF1849_s_at	<i>pfl</i>	<i>spy1849</i>	190	779	192	294
SpM18_ChORF0632_s_at	<i>spyM18_0632</i>	<i>spyM18_0632</i>	631	780	510	505
SpM1_ChORF1806_s_at	<i>spy1806</i>	<i>spy1806</i>	362	781	608	431
SpM1_ChORF0285_s_at	<i>spy0285</i>	<i>spy0285</i>	797	782	1158	1187
SpM1_ChORF1642_s_at	<i>luxS</i>	<i>spy1642</i>	761	783	768	767
SpM1_ChORF0908_s_at	<i>spy0908</i>	<i>spy0908</i>	1251	784	910	949
SpM1_ChORF1284_s_at	<i>dnaE</i>	<i>spy1284</i>	537	785	710	762
SpM1_ChORF1823_s_at	<i>comEB</i>	<i>spy1823</i>	657	786	667	521
SpM1_ChORF0873_s_at	<i>spy0873</i>	<i>spy0873</i>	735	787	653	751
SpM1_ChORF0436_s_at	<i>speJ</i>	<i>spy0436</i>	1166	788	1034	1152
SpM1_ChORF1535_s_at	<i>spy1535</i>	<i>spy1535</i>	793	789	705	782
SpM1_ChORF0456_s_at	<i>mtsC</i>	<i>spy0456</i>	965	790	862	915
SpM1_ChORF0508_s_at	<i>spy0508</i>	<i>spy0508</i>	1000	791	1014	1170
SpM1_ChORF1873_s_at	<i>spy1873</i>	<i>spy1873</i>	940	792	1068	1193
SpM1_ChORF1939_s_at	<i>spy1939</i>	<i>spy1939</i>	843	793	902	1104
SpM1_ChORF0714_s_at	<i>adcA</i>	<i>spy0714</i>	644	794	1047	933
SpM1_ChORF1140_s_at	<i>tdk2</i>	<i>spy1140</i>	1147	795	1089	1166
SpM12_ChORF299-12_at	<i>spyoM12_ChORF_299_1</i>	<i>SpyoM12_ChORF_299_1</i>	1236	796	625	717
SpM1_ChORF2121_s_at	<i>mutL</i>	<i>spy2121</i>	773	797	809	881
SpM12_ChORF286-3_s_at	<i>spyoM12_ChORF_286_3</i>	<i>SpyoM12_ChORF_286_3</i>	831	798	838	924
SpM12_ChORF300-26_s_at	<i>spyoM12_ChORF_300_2</i>	<i>SpyoM12_ChORF_300_2</i>	960	799	942	929
SpM1_ChORF1516_s_at	6	6	897	800	889	1117
SpM1_ChORF1622_s_at	<i>spy1516</i>	<i>spy1516</i>	826	801	694	776
SpM1_ChORF0929_s_at	<i>hk03</i>	<i>spy1622</i>	721	802	854	790
SpM1_ChORF0609_s_at	<i>nth</i>	<i>spy0929</i>	805	803	1043	1007
SpM1_ChORF0876_s_at	<i>ftsW</i>	<i>spy0609</i>	765	804	882	755
SpM1_ChORF0473_s_at	<i>mvaK1</i>	<i>spy0876</i>	742	805	842	911
SpM1_ChORF2150_s_at	<i>dgk</i>	<i>spy0473</i>	1163	806	926	991
SpM1_ChORF2204_s_at	<i>ahrC</i>	<i>spy2150</i>	613	807	1013	1087
SpM1_ChORF0230_s_at	<i>recF</i>	<i>spy2204</i>	885	808	711	561
SpM1_ChORF1267_s_at	<i>spy0230</i>	<i>spy0230</i>	706	809	1028	922
SpM1_ChORF1569_s_at	<i>pcrA</i>	<i>spy1267</i>	842	810	1042	974
SpM1_ChORF1670_s_at	<i>spy1569</i>	<i>spy1569</i>	853	811	801	810
SpM1_ChORF1825_s_at	<i>spy1666</i>	<i>spy1666</i>	499	812	671	622
SpM1_ChORF0874_s_at	<i>uvrA</i>	<i>spy1825</i>	724	813	642	680
SpM1_ChORF0606_s_at	<i>spy0874</i>	<i>spy0874</i>	979	814	890	1135
SpM1_ChORF1959_s_at	<i>pepF</i>	<i>spy0606</i>	593	815	550	485
SpM1_ChORF1919_s_at	<i>spy1959</i>	<i>spy1959</i>	186	816	597	367
	<i>lacD.2</i>	<i>spy1919</i>				

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF0458_s_at	<i>spy0458</i>	<i>spy0458</i>	888	817	954	798
SpM1_ChORF0377_s_at	<i>spy0377</i>	<i>spy0377</i>	754	818	729	674
SpM1_ChORF1839_s_at	<i>spy1839</i>	<i>spy1839</i>	1215	819	995	1093
SpM1_ChORF1722_s_at	<i>spy1722</i>	<i>spy1722</i>	598	820	585	424
SpM1_ChORF0342_s_at	<i>snf</i>	<i>spy0342</i>	646	821	712	690
SpM1_ChORF0265_s_at	<i>spy0265</i>	<i>spy0265</i>	714	822	610	564
SpM1_ChORF1745_s_at	<i>accC</i>	<i>spy1745</i>	38	823	778	507
SpM1_ChORF1310_s_at	<i>dltC</i>	<i>spy1310</i>	454	824	744	574
SpM1_ChORF0792_s_at	<i>rgpFc</i>	<i>spy0792</i>	752	825	883	1023
SpM1_ChORF1992_s_at	<i>spy1992</i>	<i>spy1992</i>	693	826	701	591
SpM1_ChORF1314_s_at	<i>uvrB</i>	<i>spy1314</i>	327	827	859	781
SpM1_ChORF1850_s_at	<i>spy1850</i>	<i>spy1850</i>	899	828	1136	1068
SpM1_ChORF1978_s_at	<i>lrp</i>	<i>spy1978</i>	1055	829	841	847
SpM18_ChORF0119_s_at	<i>pheT1</i>	<i>spyM18_0119</i>	1039	830	1138	1294
SpM1_ChORF1308_s_at	<i>spy1308</i>	<i>spy1308</i>	527	831	766	567
SpM1_ChORF1306_at	<i>malX</i>	<i>spy1306</i>	275	832	89	86
	<i>spyoM5_ChORF_J7578C</i>	<i>SpyoM5_ChORF_J7578C</i>				
SpM5_ChORFJ7578C-152_s_at	<i>e05.s1c_152</i>	<i>e05.s1c_152</i>	579	833	623	608
SpM1_ChORF1572_s_at	<i>spy1572</i>	<i>spy1572</i>	1270	834	1171	1257
SpM1_ChORF0410_s_at	<i>spy0410</i>	<i>spy0410</i>	1180	835	771	825
SpM18_ChORF0043_s_at	<i>purK</i>	<i>spyM18_0043</i>	381	836	1222	1012
SpM1_ChORF1904_s_at	<i>hsdR</i>	<i>spy1904</i>	861	837	713	756
SpM1_ChORF1510_s_at	<i>mutT</i>	<i>spy1510</i>	736	838	698	513
SpM1_ChORF0405_s_at	<i>spy0405</i>	<i>spy0405</i>	816	839	793	730
SpM1_ChORF1400_s_at	<i>queA</i>	<i>spy1400</i>	1111	840	1106	1103
SpM18_ChORF0630_s_at	<i>spyM18_0630</i>	<i>spyM18_0630</i>	669	841	626	565
SpM1_ChORF0791_s_at	<i>rgpEc</i>	<i>spy0791</i>	779	842	951	1091
SpM1_ChORF1918_s_at	<i>lacF</i>	<i>spy1918</i>	206	843	629	404
SpM1_ChORF0849_s_at	<i>trmD</i>	<i>spy0849</i>	1103	844	1207	1228
SpM1_ChORF2194_s_at	<i>spy2194</i>	<i>spy2194</i>	1096	845	998	1025
SpM1_ChORF1961_s_at	<i>poiC</i>	<i>spy1961</i>	558	846	770	724
SpM1_ChORF1513_s_at	<i>ileS</i>	<i>spy1513</i>	791	847	880	860
SpM1_ChORF0326_s_at	<i>spy0326</i>	<i>spy0326</i>	964	848	1010	1145
SpM1_ChORF1963_s_at	<i>spy1963</i>	<i>spy1963</i>	783	849	881	869
SpM1_ChORF0441_s_at	<i>spy0441</i>	<i>spy0441</i>	294	850	759	783
SpM1_ChORF1032_s_at	<i>hylA</i>	<i>spy1032</i>	901	851	817	822
SpM1_ChORF1304_at	<i>amyB</i>	<i>spy1304</i>	370	852	131	78
SpM1_ChORF1734_s_at	<i>spy1734</i>	<i>spy1734</i>	1114	853	947	804
SpM1_ChORF2045_s_at	<i>spy2045</i>	<i>spy2045</i>	668	854	670	541
SpM1_ChORF2058_s_at	<i>secE</i>	<i>spy2058</i>	1072	855	1425	1347
SpM1_ChORF1958_s_at	<i>def</i>	<i>spy1958</i>	996	856	1076	1329
SpM1_ChORF1391_s_at	<i>spy1391</i>	<i>spy1391</i>	983	857	1174	1154
SpM1_ChORF0308_s_at	<i>nadD</i>	<i>spy0308</i>	959	858	1123	1113
SpM1_ChORF1861_s_at	<i>spy1861</i>	<i>spy1861</i>	1220	859	925	992
SpM1_ChORF1101_s_at	<i>murB</i>	<i>spy1101</i>	1077	860	1166	1081
SpM1_ChORF0131_at	<i>spy0131</i>	<i>spy0131</i>	925	861	639	527
SpM1_ChORF1964_s_at	<i>cdsA</i>	<i>spy1964</i>	814	862	919	892
SpM1_ChORF0235_s_at	<i>spy0235</i>	<i>spy0235</i>	870	863	1164	1043
SpM1_ChORF0236_s_at	<i>sms</i>	<i>spy0236</i>	845	864	1029	1024
SpM1_ChORF1718_s_at	<i>spy1718</i>	<i>spy1718</i>	1266	865	1298	1479
SpM1_ChORF1156_s_at	<i>spy1156</i>	<i>spy1156</i>	466	866	495	241
SpM1_ChORF1253_s_at	<i>spy1253</i>	<i>spy1253</i>	823	867	823	643
SpM12_ChORF246-9_s_at	<i>spy0802</i>	<i>spy0802</i>	594	868	487	349
SpM1_ChORF1546_s_at	<i>spy1546</i>	<i>spy1546</i>	16	869	209	72
SpM1_ChORF1011_s_at	<i>spy1011</i>	<i>spy1011</i>	986	870	816	1021
SpM1_ChORF0604_s_at	<i>spy0604</i>	<i>spy0604</i>	850	871	1189	1183
SpM1_ChORF0905_s_at	<i>ung</i>	<i>spy0905</i>	1079	872	1052	1221
SpM1_ChORF1161_s_at	<i>spyM18_1121</i>	<i>spyM18_1121</i>	917	873	1003	851
SpM1_ChORF1747_s_at	<i>accB</i>	<i>spy1747</i>	71	874	832	549
SpM1_ChORF2157_s_at	<i>hisS</i>	<i>spy2157</i>	1108	875	1148	1256
SpM1_ChORF1744_s_at	<i>accD</i>	<i>spy1744</i>	49	876	871	600

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM3_ChORF1086_at	<i>spyM3_1086</i>	<i>SpyM3_1086</i>	886	877	1006	957
SpM1_ChORF0439_s_at	<i>spy0439</i>	<i>spy0439</i>	482	878	850	987
SpM1_ChORF1402_s_at	<i>spy1402</i>	<i>spy1402</i>	809	879	1020	1064
SpM1_ChORF0471_s_at	<i>phoH</i>	<i>spy0471</i>	902	880	969	1122
SpM1_ChORF1010_s_at	<i>mutX</i>	<i>spy1010</i>	1130	881	931	1186
SpM1_ChORF0882_s_at	<i>thyA</i>	<i>spy0882</i>	1090	882	1283	1466
SpM1_ChORF1840_s_at	<i>spy1840</i>	<i>spy1840</i>	1225	883	1310	1424
SpM1_ChORF1386_s_at	<i>spy1386</i>	<i>spy1386</i>	429	884	309	206
SpM1_ChORF0511_s_at	<i>gloA</i>	<i>spy0511</i>	297	885	433	448
SpM1_ChORF1852_s_at	<i>spy1852</i>	<i>spy1852</i>	1188	886	1126	1017
SpM1_ChORF0800_s_at	<i>spy0800</i>	<i>spy0800</i>	514	887	482	369
SpM1_ChORF0320_s_at	<i>spy0320</i>	<i>spy0320</i>	941	888	893	872
SpM1_ChORF0309_s_at	<i>spy0309</i>	<i>spy0309</i>	987	889	1134	1120
SpM1_ChORF1036_s_at	<i>spy1036</i>	<i>spy1036</i>	1190	890	921	1168
SpM1_ChORF0745_s_at	<i>sagH</i>	<i>spy0745</i>	994	891	239	142
SpM1_ChORF1960_s_at	<i>spy1960</i>	<i>spy1960</i>	627	892	742	688
SpM1_ChORF1133_s_at	<i>proV</i>	<i>spy1133</i>	887	893	949	873
SpM1_ChORF1758_s_at	<i>phaB</i>	<i>spy1758</i>	79	894	946	813
SpM1_ChORF1144_s_at	<i>spy1144</i>	<i>spy1144</i>	871	895	956	1063
SpM1_ChORF1246_s_at	<i>spy1246</i>	<i>spy1246</i>	914	896	982	1075
SpM1_ChORF2153_s_at	<i>spy2153</i>	<i>spy2153</i>	995	897	855	901
SpM3_ChORF0503_s_at	<i>spyM3_0503</i>	<i>SpyM3_0503</i>	1065	898	1017	995
SpM1_ChORF1715_s_at	<i>copA</i>	<i>spy1715</i>	798	899	650	484
	<i>spyoM5_ChrORF_270b10</i>	<i>SpyoM5_ChrORF_270b10</i>				
SpM5_ChORF270b-210_s_at	<i>p1t_210</i>	<i>.p1t_210</i>	717	900	808	735
SpM1_ChORF1576_s_at	<i>spy1576</i>	<i>spy1576</i>	672	901	1072	923
SpM1_ChORF1422_s_at	<i>recR</i>	<i>spy1422</i>	943	902	1064	1045
SpM1_ChORF1404_s_at	<i>spy1404</i>	<i>spy1404</i>	923	903	1112	1162
SpM1_ChORF1345_s_at	<i>spy1345</i>	<i>spy1345</i>	713	904	800	733
SpM1_ChORF1728_s_at	<i>spy1728</i>	<i>spy1728</i>	1091	905	909	1178
SpM1_ChORF0390_s_at	<i>spy0390</i>	<i>spy0390</i>	792	906	1119	1173
SpM1_ChORF0891_s_at	<i>arsC</i>	<i>spy0891</i>	719	907	941	944
SpM1_ChORF1042_s_at	<i>spy1042</i>	<i>spy1042</i>	768	908	1190	1324
SpM1_ChORF1901_s_at	<i>truA</i>	<i>spy1901</i>	933	909	1073	1242
SpM18_ChORF1122_s_at	<i>spy1162</i>	<i>spy1162</i>	911	910	977	864
SpM1_ChORF1054_at	<i>scIB</i>	<i>spy1054</i>	985	911	964	884
SpM1_ChORF0839_s_at	<i>spy0839</i>	<i>spy0839</i>	862	912	546	547
SpM1_ChORF1577_s_at	<i>aroB</i>	<i>spy1577</i>	539	913	970	836
SpM1_ChORF1121_s_at	<i>spy1121</i>	<i>spy1121</i>	918	914	1001	1052
SpM1_ChORF0412_s_at	<i>exoA</i>	<i>spy0412</i>	1210	915	1195	1274
SpM1_ChORF0914_s_at	<i>spy0914</i>	<i>spy0914</i>	774	916	1132	1283
SpM1_ChORF0773_s_at	<i>spy0773</i>	<i>spy0773</i>	490	917	923	928
SpM1_ChORF0877_s_at	<i>mvaD</i>	<i>spy0877</i>	851	918	965	890
SpM1_ChORF1988_s_at	<i>spy1988</i>	<i>spy1988</i>	971	919	769	770
SpM1_ChORF2115_s_at	<i>spy2115</i>	<i>spy2115</i>	571	920	837	699
SpM1_ChORF1748_s_at	<i>fabF</i>	<i>spy1748</i>	46	921	860	602
SpM1_ChORF0898_s_at	<i>cpsY</i>	<i>spy0898</i>	601	922	1050	1013
SpM1_ChORF0358_s_at	<i>spy0358</i>	<i>spy0358</i>	778	923	1093	1046
SpM1_ChORF0598_s_at	<i>spy0598</i>	<i>spy0598</i>	1271	924	1192	1356
SpM1_ChORF1772_s_at	<i>gatC</i>	<i>spy1772</i>	1097	925	1237	1305
SpM1_ChORF0921_s_at	<i>miaA</i>	<i>spy0921</i>	924	926	1008	905
SpM1_ChORF0927_s_at	<i>apt</i>	<i>spy0927</i>	874	927	1057	1019
SpM1_ChORF0716_s_at	<i>agaS</i>	<i>spy0716</i>	898	928	777	920
SpM1_ChORF0130_at	<i>spy0130</i>	<i>spy0130</i>	469	929	873	1472
SpM1_ChORF1125_s_at	<i>spy1125</i>	<i>spy1125</i>	1073	930	1183	1276
SpM1_ChORF1142_s_at	<i>hemK</i>	<i>spy1142</i>	981	931	1079	1222
SpM1_ChORF1582_s_at	<i>spy1582</i>	<i>spy1582</i>	702	932	822	803
SpM1_ChORF1991_s_at	<i>trpG</i>	<i>spy1991</i>	741	933	844	792
SpM12_ChORF281-1_s_at	<i>spy1035</i>	<i>spy1035</i>	806	934	1066	985
SpM1_ChORF2193_s_at	<i>spy2193</i>	<i>spy2193</i>	1058	935	1059	1095
	<i>spyoM5_ChrORF_J7578C</i>	<i>SpyoM5_ChrORF_J7578C</i>				
SpM5_ChORFJ7578C-342_s_at	<i>e05.s1c_342</i>	<i>e05.s1c_342</i>	1340	936	1215	1174

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF1526_s_at	<i>spy1526</i>	<i>spy1526</i>	931	937	1038	1010
SpM1_ChORF1463_s_at	<i>spy1463</i>	<i>spy1463</i>	448	938	790	609
SpM1_ChORF1179_s_at	<i>spy1179</i>	<i>spy1179</i>	1112	939	935	979
SpM1_ChORF2203_s_at	<i>spy2203</i>	<i>spy2203</i>	784	940	1144	1264
SpM1_ChORF1955_s_at	<i>rpsO</i>	<i>spy1955</i>	1107	941	1269	1233
SpM1_ChORF1221_s_at	<i>dpfB</i>	<i>spy1221</i>	1331	942	1100	1200
SpM1_ChORF0356_s_at	<i>spy0356</i>	<i>spy0356</i>	1137	943	1251	1208
SpM1_ChORF1395_s_at	<i>spy1395</i>	<i>spy1395</i>	662	944	866	647
SpM1_ChORF1309_s_at	<i>dlfD</i>	<i>spy1309</i>	600	945	870	682
SpM1_ChORF0743_s_at	<i>sagF</i>	<i>spy0743</i>	970	946	235	156
SpM1_ChORF0776_s_at	<i>rexB</i>	<i>spy0776</i>	762	947	994	1100
SpM1_ChORF1749_s_at	<i>fabG</i>	<i>spy1749</i>	87	948	916	664
SpM1_ChORF1697_s_at	<i>spy1697</i>	<i>spy1697</i>	955	949	1104	1048
SpM1_ChORF1868_s_at	<i>nupC</i>	<i>spy1868</i>	802	950	674	539
SpM1_ChORF0780_s_at	<i>mscL</i>	<i>spy0780</i>	628	951	678	487
SpM1_ChORF0744_s_at	<i>sagG</i>	<i>spy0744</i>	1027	952	276	169
	<i>spyoM49_ChORF_sp001</i>	<i>SpyoM49_ChORF_sp001</i>				
SpM49_ChORF903-2_s_at	<i>_0_903_2</i>	<i>_0_903_2</i>	804	953	824	795
SpM1_ChORF0505_s_at	<i>spy0505</i>	<i>spy0505</i>	913	954	986	839
SpM12_ChORF279-21_s_at	<i>spy0223</i>	<i>spy0223</i>	1339	955	1201	1210
SpM1_ChORF0930_s_at	<i>spy0930</i>	<i>spy0930</i>	988	956	1054	956
SpM1_ChORF0603_s_at	<i>spy0603</i>	<i>spy0603</i>	948	957	1227	1346
SpM1_ChORF1252_s_at	<i>spy1252</i>	<i>spy1252</i>	844	958	1053	932
SpM1_ChORF0723_s_at	<i>spyM18_0790</i>	<i>spyM18_0790</i>	788	959	920	732
SpM18_ChORF0822_s_at	<i>spyM18_0822</i>	<i>spyM18_0822</i>	1104	960	1055	1044
SpM1_ChORF1316_s_at	<i>glnQ.2</i>	<i>spy1316</i>	432	961	1065	975
SpM1_ChORF1311_s_at	<i>dlfB</i>	<i>spy1311</i>	529	962	896	831
SpM1_ChORF0181_s_at	<i>spy0181</i>	<i>spy0181</i>	1254	963	1044	927
SpM1_ChORF0039_s_at	<i>spy0039</i>	<i>spy0039</i>	968	964	940	919
SpM1_ChORF0361_s_at	<i>glr</i>	<i>spy0361</i>	1007	965	1015	1215
SpM1_ChORF1672_s_at	<i>proA</i>	<i>spy1670</i>	1019	966	962	977
SpM1_ChORF1662_s_at	<i>spy1659</i>	<i>spy1659</i>	916	967	1030	978
SpM1_ChORF1424_s_at	<i>spy1424</i>	<i>spy1424</i>	883	968	872	832
SpM1_ChORF0754_s_at	<i>atpE</i>	<i>spy0754</i>	1029	969	1402	1444
SpM1_ChORF1678_s_at	<i>spy1678</i>	<i>spy1678</i>	506	970	81	75
SpM1_ChORF0366_s_at	<i>dys, scpA</i>	<i>spy0366</i>	767	971	966	1212
SpM1_ChORF0923_s_at	<i>spy0923</i>	<i>spy0923</i>	864	972	1039	960
SpM1_ChORF0369_s_at	<i>spy0369</i>	<i>spy0369</i>	746	973	906	1167
SpM1_ChORF1681_s_at	<i>npx/nox.2</i>	<i>spy1681</i>	392	974	139	202
SpM1_ChORF1785_s_at	<i>recG</i>	<i>spy1785</i>	813	975	953	899
SpM1_ChORF0764_s_at	<i>epuA</i>	<i>spy0764</i>	1132	976	1071	1060
SpM1_ChORF1782_s_at	<i>asnB</i>	<i>spy1782</i>	1172	977	989	1030
SpM1_ChORF0880_s_at	<i>mvaS.1</i>	<i>spy0880</i>	734	978	1198	1236
SpM1_ChORF2186_s_at	<i>spy2186</i>	<i>spy2186</i>	1150	979	1122	1132
SpM1_ChORF1206_s_at	<i>spy1206</i>	<i>spy1206</i>	1203	980	1256	1296
SpM1_ChORF0144_s_at	<i>spy0144</i>	<i>spy0144</i>	1235	981	985	1028
SpM1_ChORF1286_s_at	<i>spy1286</i>	<i>spy1286</i>	922	982	695	575
SpM3_ChORF0493_s_at	<i>spyM3_0493</i>	<i>SpyM3_0493</i>	1044	983	1406	1464
SpM18_ChORF0709_s_at	<i>bsaA</i>	<i>spyM18_0709</i>	165	984	130	157
SpM1_ChORF0432_x_at	<i>spy0432</i>	<i>spy0432</i>	758	985	687	658
SpM1_ChORF1544_s_at	<i>arcB</i>	<i>spy1544</i>	24	986	267	83
SpM1_ChORF0783_s_at	<i>spy0783</i>	<i>spy0783</i>	801	987	945	779
SpM1_ChORF1203_s_at	<i>spy1203</i>	<i>spy1203</i>	1282	988	1253	1239
SpM1_ChORF1294_s_at	<i>malE</i>	<i>spy1294</i>	1006	989	84	103
SpM1_ChORF1337_s_at	<i>rsuA</i>	<i>spy1337</i>	1154	990	1260	1246
SpM1_ChORF0883_s_at	<i>dys</i>	<i>spy0883</i>	963	991	1352	1449
SpM1_ChORF0329_s_at	<i>gidB</i>	<i>spy0329</i>	1294	992	1319	1421
SpM1_ChORF1251_s_at	<i>truB</i>	<i>spy1251</i>	709	993	993	880
SpM1_ChORF1066_at	<i>spy1066</i>	<i>spy1066</i>	938	994	934	918
SpM1_ChORF1534_s_at	<i>spy1534</i>	<i>spy1534</i>	1061	995	1060	1138
SpM1_ChORF1987_s_at	<i>spy1987</i>	<i>spy1987</i>	1028	996	961	938
SpM1_ChORF0044_s_at	<i>adhA</i>	<i>spy0044</i>	423	997	366	305

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF0045_s_at	<i>spy0045</i>	<i>spy0045</i>	890	998	948	802
SpM1_ChORF0752_s_at	<i>spy0752</i>	<i>spy0752</i>	716	999	1062	1039
SpM1_ChORF2181_s_at	<i>spy2181</i>	<i>spy2181</i>	1042	1000	1272	1485
SpM1_ChORF1608_s_at	<i>spy1608</i>	<i>spy1608</i>	1199	1001	984	1179
SpM1_ChORF0837_s_at	<i>spy0837</i>	<i>spy0837</i>	942	1002	724	856
SpM1_ChORF0646_s_at	<i>spy0646</i>	<i>spy0646</i>	884	1003	1154	1118
SpM1_ChORF1104_s_at	<i>potC</i>	<i>spy1104</i>	1152	1004	1096	1031
SpM1_ChORF0559_s_at	<i>spy0559</i>	<i>spy0559</i>	910	1005	905	786
SpM1_ChORF1989_s_at	<i>spy1989</i>	<i>spy1989</i>	1101	1006	861	896
SpM1_ChORF1906_s_at	<i>hsdM</i>	<i>spy1906</i>	1030	1007	867	887
SpM1_ChORF2097_s_at	<i>spy2097</i>	<i>spy2097</i>	547	1008	901	716
SpM1_ChORF1043_s_at	<i>spy1043</i>	<i>spy1043</i>	836	1009	1150	1291
SpM12_ChORF283-25_s_at	<i>spy1824</i>	<i>spy1824</i>	877	1010	885	764
SpM1_ChORF1362_s_at	<i>birA</i>	<i>spy1362</i>	949	1011	1374	1432
SpM1_ChORF1530_s_at	<i>spy1530</i>	<i>spy1530</i>	1117	1012	912	1114
SpM1_ChORF1427_s_at	<i>spy1427</i>	<i>spy1427</i>	1122	1013	1036	1061
SpM1_ChORF0843_s_at	<i>spy0843</i>	<i>spy0843</i>	1228	1014	1240	1288
SpM1_ChORF0590_s_at	<i>spy0590</i>	<i>spy0590</i>	1213	1015	1259	1279
SpM1_ChORF0435_s_at	<i>spy0435</i>	<i>spy0435</i>	1300	1016	1449	1463
SpM1_ChORF0912_s_at	<i>spy0912</i>	<i>spy0912</i>	1286	1017	1369	1420
SpM18_ChORF0118_s_at	<i>trxA</i>	<i>spyM18_0118</i>	1293	1018	1384	1493
SpM1_ChORF0789_s_at	<i>rgpCc</i>	<i>spy0789</i>	1056	1019	1151	1235
SpM1_ChORF1289_s_at	<i>spy1289</i>	<i>spy1289</i>	1082	1020	1087	1160
SpM1_ChORF1605_s_at	<i>rocA</i>	<i>spy1605</i>	1233	1021	1085	1130
SpM1_ChORF1980_s_at	<i>spy1980</i>	<i>spy1980</i>	833	1022	1024	1085
SpM1_ChORF0401_s_at	<i>spy0401</i>	<i>spy0401</i>	879	1023	847	718
SpM1_ChORF0642_s_at	<i>spy0642</i>	<i>spy0642</i>	998	1024	1116	1204
SpM1_ChORF1158_s_at	<i>spy1158</i>	<i>spy1158</i>	781	1025	915	921
SpM1_ChORF0599_s_at	<i>spy0599</i>	<i>spy0599</i>	1367	1026	1332	1467
SpM1_ChORF1570_s_at	<i>spy1570</i>	<i>spy1570</i>	1086	1027	1254	1213
SpM1_ChORF1998_s_at	<i>smeZ</i>	<i>spy1998</i>	1052	1028	1088	1141
SpM1_ChORF1776_s_at	<i>spy1776</i>	<i>spy1776</i>	1099	1029	1033	1053
SpM1_ChORF0532_s_at	<i>smc</i>	<i>spy0532</i>	516	1030	1279	1359
SpM1_ChORF0884_s_at	<i>spy0884</i>	<i>spy0884</i>	912	1031	1265	1290
SpM1_ChORF1022_s_at	<i>estA</i>	<i>spy1022</i>	1110	1032	967	1090
SpM1_ChORF0844_s_at	<i>spy0844</i>	<i>spy0844</i>	1260	1033	1248	1353
SpM1_ChORF1789_s_at	<i>spy1789</i>	<i>spy1789</i>	875	1034	997	1003
SpM12_ChORF197-4_s_at	<i>spyoM12_ChORF_197_4</i>	<i>SpyoM12_ChORF_197_4</i>	703	1035	924	774
SpM1_ChORF0259_s_at	<i>spy0259</i>	<i>spy0259</i>	1283	1036	1216	1307
SpM1_ChORF0477_s_at	<i>spy0477</i>	<i>spy0477</i>	937	1037	1125	1155
SpM1_ChORF1844_s_at	<i>recD</i>	<i>spy1844</i>	852	1038	929	931
SpM1_ChORF1414_s_at	<i>spy1414</i>	<i>spy1414</i>	906	1039	976	799
SpM1_ChORF2090_s_at	<i>hutG</i>	<i>spy2090</i>	1128	1040	1016	936
SpM1_ChORF0205_s_at	<i>spy0205</i>	<i>spy0205</i>	1141	1041	1149	1011
SpM18_ChORF1302_s_at	<i>spyM18_1302</i>	<i>spyM18_1302</i>	946	1042	764	497
SpM1_ChORF0364_s_at	<i>spy0364</i>	<i>spy0364</i>	951	1043	1117	1361
SpM3_ChORF0584_s_at	<i>spyM3_0584</i>	<i>SpyM3_0584</i>	1164	1044	779	861
SpM1_ChORF0775_s_at	<i>spy0775</i>	<i>spy0775</i>	808	1045	960	943
SpM1_ChORF1103_s_at	<i>potB</i>	<i>spy1103</i>	1178	1046	1185	1142
SpM1_ChORF0312_s_at	<i>spy0312</i>	<i>spy0312</i>	1075	1047	1206	1216
SpM1_ChORF1922_s_at	<i>lacB.2</i>	<i>spy1922</i>	481	1048	1007	785
SpM1_ChORF1421_s_at	<i>ddlA</i>	<i>spy1421</i>	1181	1049	1255	1266
SpM1_ChORF1547_s_at	<i>arcA</i>	<i>spy1547</i>	22	1050	140	68
SpM1_ChORF0464_s_at	<i>spy0464</i>	<i>spy0464</i>	868	1051	1075	959
SpM1_ChORF0182_s_at	<i>spy0182</i>	<i>spy0182</i>	538	1052	43	29
SpM1_ChORF2034_s_at	<i>spy2034</i>	<i>spy2034</i>	966	1053	1127	1107
SpM12_ChORF267-3_s_at	<i>spyoM12_ChORF_267_3</i>	<i>SpyoM12_ChORF_267_3</i>	1265	1054	1356	1427
SpM18_ChORF0945_s_at	<i>spyM18_0945</i>	<i>spyM18_0945</i>	930	1055	1270	1299
SpM1_ChORF0306_s_at	<i>spy0306</i>	<i>spy0306</i>	1169	1056	1290	1310
SpM1_ChORF1344_s_at	<i>spy1344</i>	<i>spy1344</i>	991	1057	1070	982

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF1751_s_at	<i>fabK</i>	<i>spy1751</i>	97	1058	1040	763
SpM1_ChORF1093_s_at	<i>dacA</i>	<i>spy1093</i>	1264	1059	1304	1314
SpM1_ChORF1712_s_at	<i>lacR.1</i>	<i>spy1712</i>	1237	1060	662	707
SpM12_ChORF248-9_s_at	<i>spyoM12_ChORF_248_9</i>	<i>SpyoM12_ChORF_248_9</i>	1149	1061	1146	1080
SpM1_ChORF1254_s_at	<i>spy1254</i>	<i>spy1254</i>	1084	1062	1097	1005
SpM1_ChORF0824_s_at	<i>spy0824</i>	<i>spy0824</i>	1010	1063	1231	1260
SpM49_ChORF903-3_s_at	<i>spyoM49_ChORF_sp001_0_903_3</i>	<i>SpyoM49_ChORF_sp001_0_903_3</i>	993	1064	1058	998
SpM1_ChORF0367_s_at	<i>scpB</i>	<i>spy0367</i>	834	1065	1031	1211
SpM1_ChORF0713_s_at	<i>pepD</i>	<i>spy0713</i>	812	1066	813	871
SpM1_ChORF1410_s_at	<i>spy1410</i>	<i>spy1410</i>	1253	1067	1177	1116
SpM1_ChORF0280_s_at	<i>bacA</i>	<i>spy0280</i>	815	1068	1011	1015
SpM3_ChORF1070_s_at	<i>spyM3_1070</i>	<i>SpyM3_1070</i>	1057	1069	1249	1354
SpM1_ChORF1917_s_at	<i>lacE</i>	<i>spy1917</i>	470	1070	908	586
SpM1_ChORF1746_s_at	<i>fabZ</i>	<i>spy1746</i>	82	1071	1051	768
SpM1_ChORF0918_s_at	<i>tehA</i>	<i>spy0918</i>	1131	1072	1170	1000
SpM1_ChORF1700_s_at	<i>spy1700</i>	<i>spy1700</i>	1009	1073	1110	1124
SpM12_ChORF262-15_s_at	<i>spyoM12_ChORF_262_1_5</i>	<i>SpyoM12_ChORF_262_1_5</i>	1217	1074	369	219
SpM1_ChORF0497_s_at	<i>fpG</i>	<i>spy0497</i>	944	1075	1143	1137
SpM1_ChORF1351_s_at	<i>aroK</i>	<i>spy1351</i>	958	1076	892	844
SpM1_ChORF1379_s_at	<i>spy1379</i>	<i>spy1379</i>	1041	1077	936	883
SpM1_ChORF0459_s_at	<i>spy0459</i>	<i>spy0459</i>	1113	1078	1182	1165
SpM1_ChORF1502_s_at	<i>foiD</i>	<i>spy1502</i>	1291	1079	1381	1401
SpM1_ChORF0798_s_at	<i>spy0798</i>	<i>spy0798</i>	1080	1080	1105	1150
SpM1_ChORF1765_s_at	<i>spy1765</i>	<i>spy1765</i>	1078	1081	753	788
SpM1_ChORF0310_s_at	<i>spy0310</i>	<i>spy0310</i>	1088	1082	1202	1144
SpM1_ChORF1405_s_at	<i>spy1405</i>	<i>spy1405</i>	1064	1083	1258	1371
SpM1_ChORF0013_s_at	<i>spy0013</i>	<i>spy0013</i>	1081	1084	1191	1220
SpM1_ChORF1044_s_at	<i>spy1044</i>	<i>spy1044</i>	872	1085	1213	1297
SpM1_ChORF1346_s_at	<i>spy1346</i>	<i>spy1346</i>	1005	1086	1046	1029
SpM1_ChORF0307_s_at	<i>spy0307</i>	<i>spy0307</i>	1218	1087	1303	1340
SpM1_ChORF1037_s_at	<i>spy1037</i>	<i>spy1037</i>	1224	1088	1022	1225
SpM1_ChORF1064_s_at	<i>spy1064</i>	<i>spy1064</i>	1211	1089	1241	1255
SpM1_ChORF1741_s_at	<i>manO</i>	<i>spy1741</i>	1462	1090	1417	1610
SpM1_ChORF1618_s_at	<i>cysM</i>	<i>spy1618</i>	1062	1091	1193	1199
SpM12_ChORF217-10_s_at	<i>crgR</i>	<i>spy1870</i>	675	1092	979	773
SpM12_ChORF299-13_s_at	<i>spyoM12_ChORF_299_1_3</i>	<i>SpyoM12_ChORF_299_1_3</i>	1365	1093	1002	1082
SpM18_ChORF0930_s_at	<i>rpl35</i>	<i>spyM18_0930</i>	1240	1094	1276	1234
SpM1_ChORF1285_s_at	<i>spy1285</i>	<i>spy1285</i>	1038	1095	829	742
SpM1_ChORF1790_s_at	<i>spy1790</i>	<i>spy1790</i>	881	1096	1092	1089
SpM18_ChORF1306_s_at	<i>spyM18_1306</i>	<i>spyM18_1306</i>	780	1097	654	706
SpM1_ChORF0870_s_at	<i>fms</i>	<i>spy0870</i>	1024	1098	1035	980
SpM12_ChORF270-2_s_at	<i>spy0408</i>	<i>spy0408</i>	1083	1099	1061	958
SpM1_ChORF1836_s_at	<i>spy1836</i>	<i>spy1836</i>	1193	1100	1157	1217
SpM1_ChORF0932_s_at	<i>spy0932</i>	<i>spy0932</i>	927	1101	999	916
SpM1_ChORF1804_s_at	<i>acpS</i>	<i>spy1804</i>	1085	1102	1113	997
SpM1_ChORF1411_s_at	<i>spy1411</i>	<i>spy1411</i>	1418	1103	1404	1355
SpM1_ChORF0575_s_at	<i>spy0575</i>	<i>spy0575</i>	939	1104	1226	1275
SpM1_ChORF1701_s_at	<i>spy1701</i>	<i>spy1701</i>	1148	1105	1179	1192
SpM1_ChORF1923_s_at	<i>lacA.2</i>	<i>spy1923</i>	388	1106	955	703
SpM1_ChORF0854_s_at	<i>fruB</i>	<i>spy0854</i>	769	1107	794	946
SpM1_ChORF2174_s_at	<i>spy2174</i>	<i>spy2174</i>	421	1108	899	986
SpM18_ChORF0444_x_s_at	<i>spyM18_0444</i>	<i>spyM18_0444</i>	1248	1109	1499	1550
SpM1_ChORF1995_s_at	<i>flaR</i>	<i>spy1995</i>	900	1110	978	793
SpM1_ChORF1273_s_at	<i>cfa</i>	<i>spy1273</i>	1185	1111	1005	1070
SpM1_ChORF1617_s_at	<i>spy1617</i>	<i>spy1617</i>	1167	1112	1311	1375
SpM1_ChORF0772_s_at	<i>spy0772</i>	<i>spy0772</i>	753	1113	1114	1157
SpM1_ChORF0855_s_at	<i>fruA</i>	<i>spy0855</i>	858	1114	780	868
SpM1_ChORF0475_s_at	<i>dgk</i>	<i>spy0475</i>	1037	1115	1159	1227

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF1067_s_at	<i>gabD</i>	<i>spy1067</i>	751	1116	843	777
SpM1_ChORF0228_s_at	<i>spy0228</i>	<i>spy0228</i>	1255	1117	1145	1094
SpM1_ChORF0407_s_at	<i>spy0407</i>	<i>spy0407</i>	1018	1118	1094	1047
SpM1_ChORF1019_s_at	<i>spy1019</i>	<i>spy1019</i>	1156	1119	741	954
SpM1_ChORF1717_at	<i>copY</i>	<i>spy1717</i>	1060	1120	1067	1035
SpM1_ChORF0393_x_at	<i>spy0393</i>	<i>spy0393</i>	1256	1121	1505	1551
SpM1_ChORF1270_s_at	<i>spy1270</i>	<i>spy1270</i>	1076	1122	1135	1062
SpM1_ChORF0649_s_at	<i>dinG</i>	<i>spy0649</i>	1165	1123	1167	1230
SpM3_ChORF0589_s_at	<i>spyM3_0589</i>	<i>SpyM3_0589</i>	1241	1124	1285	1237
SpM1_ChORF1600_s_at	<i>hyl</i>	<i>spy1600</i>	866	1125	478	378
SpM1_ChORF1899_s_at	<i>spy1899</i>	<i>spy1899</i>	1109	1126	1301	1478
SpM1_ChORF0850_s_at	<i>trxB, yumC</i>	<i>spy0850</i>	1162	1127	1347	1341
SpM1_ChORF2006_s_at	<i>spy2006</i>	<i>spy2006</i>	947	1128	1084	895
SpM1_ChORF0815_s_at	<i>spy0815</i>	<i>spy0815</i>	1115	1129	1355	1482
SpM1_ChORF0722_s_at	<i>spy0722</i>	<i>spy0722</i>	1116	1130	1173	1109
SpM1_ChORF1255_s_at	<i>spy1255</i>	<i>spy1255</i>	1049	1131	1115	1059
SpM1_ChORF0379_s_at	<i>pflC</i>	<i>spy0379</i>	563	1132	858	789
SpM1_ChORF0414_s_at	<i>lctO</i>	<i>spy0414</i>	84	1133	93	84
SpM3_ChORF0995_at	<i>spyM3_0995</i>	<i>SpyM3_0995</i>	889	1134	1268	1313
SpM18_ChORF0672_s_at	<i>spy0605</i>	<i>spy0605</i>	921	1135	1000	1069
SpM1_ChORF0570_s_at	<i>spy0570</i>	<i>spy0570</i>	1205	1136	1289	1261
SpM1_ChORF2117_s_at	<i>cinA</i>	<i>spy2117</i>	1004	1137	877	948
SpM1_ChORF1580_s_at	<i>spy1580</i>	<i>spy1580</i>	1053	1138	1194	1195
SpM1_ChORF1764_s_at	<i>spy1764</i>	<i>spy1764</i>	1179	1139	983	1014
SpM1_ChORF2003_s_at	<i>dppD</i>	<i>spy2003</i>	1191	1140	1077	994
SpM1_ChORF2198_s_at	<i>spy2198</i>	<i>spy2198</i>	1133	1141	1471	1644
SpM1_ChORF1171_s_at	<i>satD</i>	<i>spy1171</i>	1653	1142	1048	1129
SpM1_ChORF1766_s_at	<i>spy1766</i>	<i>spy1766</i>	1230	1143	1009	1083
SpM1_ChORF1539_s_at	<i>asnA</i>	<i>spy1539</i>	1285	1144	1324	1439
SpM1_ChORF1013_s_at	<i>fbp</i>	<i>spy1013</i>	1145	1145	1210	1304
SpM1_ChORF0581_s_at	<i>spy0581</i>	<i>spy0581</i>	1126	1146	1101	955
SpM1_ChORF0437_at	<i>spy0437</i>	<i>spy0437</i>	1406	1147	1330	1417
SpM49_ChORF7585-45_s_at	<i>spy1606</i>	<i>spy1606</i>	1207	1148	973	966
SpM1_ChORF1731_s_at	<i>spy1731</i>	<i>spy1731</i>	1229	1149	1023	1066
SpM1_ChORF1936_s_at	<i>spy1936</i>	<i>spy1936</i>	777	1150	1082	845
SpM1_ChORF1114_s_at	<i>spy1114</i>	<i>spy1114</i>	1318	1151	1469	1574
SpM1_ChORF2189_s_at	<i>sdhB</i>	<i>spy2189</i>	1160	1152	619	791
SpM1_ChORF1900_s_at	<i>thiD</i>	<i>spy1900</i>	1106	1153	1292	1425
SpM1_ChORF0881_s_at	<i>mvaS.2</i>	<i>spy0881</i>	1195	1154	1502	1607
SpM1_ChORF2049_s_at	<i>pflD</i>	<i>spy2049</i>	1184	1155	108	105
SpM1_ChORF0576_s_at	<i>spy0576</i>	<i>spy0576</i>	863	1156	1218	1240
SpM1_ChORF1835_s_at	<i>trx</i>	<i>spy1835</i>	1125	1157	1282	1382
SpM1_ChORF1784_s_at	<i>spy1784</i>	<i>spy1784</i>	1368	1158	1475	1502
SpM1_ChORF1599_s_at	<i>spy1599</i>	<i>spy1599</i>	827	1159	427	326
SpM1_ChORF1549_s_at	<i>ahrC.2</i>	<i>spy1549</i>	1202	1160	1368	1334
SpM1_ChORF1537_s_at	<i>kdtB</i>	<i>spy1537</i>	1246	1161	1302	1351
	<i>spyoM5_ChORF_4P31a0</i>	<i>SpyoM5_ChORF_4P31a0</i>				
SpM5_ChORF4P31a-181_x_at	<i>1.w2c2309_18</i>	<i>1.w2c2309_18</i>	1034	1162	1049	837
SpM1_ChORF0242_s_at	<i>fasB</i>	<i>spy0242</i>	1357	1163	1367	1407
SpM1_ChORF2169_s_at	<i>spy2169</i>	<i>spy2169</i>	1238	1164	1262	1289
SpM1_ChORF1551_s_at	<i>spy1551</i>	<i>spy1551</i>	821	1165	1098	1057
SpM1_ChORF1178_s_at	<i>citG</i>	<i>spy1178</i>	1194	1166	1107	988
SpM18_ChORF0631_s_at	<i>spyM18_0631</i>	<i>spyM18_0631</i>	1159	1167	1155	1189
SpM1_ChORF0806_s_at	<i>rpIT</i>	<i>spy0806</i>	1308	1168	1421	1333
	<i>spyoM12_ChORF_291_7</i>	<i>SpyoM12_ChORF_291_7</i>				
SpM12_ChORF291-7_s_at	<i>malD</i>	<i>spy1299</i>	1370	1169	1434	1487
SpM1_ChORF1299_at	<i>spy1299</i>	<i>spy1299</i>	935	1170	564	159
SpM1_ChORF1127_s_at	<i>spy1127</i>	<i>spy1127</i>	1071	1171	1220	1139
SpM1_ChORF1898_s_at	<i>spy1898</i>	<i>spy1898</i>	1189	1172	1359	1572
SpM1_ChORF0904_s_at	<i>spy0904</i>	<i>spy0904</i>	1026	1173	1152	1431
SpM1_ChORF0371_s_at	<i>spy0371</i>	<i>spy0371</i>	1142	1174	1188	1176
SpM1_ChORF2096_s_at	<i>dexS</i>	<i>spy2096</i>	789	1175	1019	827

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM5_ChORF270b-541_x_at	<i>spyoM5_ChORF_270b10. p1t_541</i>	<i>SpyoM5_ChORF_270b10 .p1t_541</i>	1314	1176	1165	1198
SpM12_ChORF262-5_s_at	<i>spyoM12_ChORF_262_5</i>	<i>SpyoM12_ChORF_262_5</i>	1187	1177	582	670
SpM1_ChORF1934_s_at	<i>spy1934</i>	<i>spy1934</i>	1243	1178	1273	1177
SpM1_ChORF1743_s_at	<i>accA</i>	<i>spy1743</i>	131	1179	1140	858
SpM1_ChORF0715_at	<i>spy0715</i>	<i>spy0715</i>	1204	1180	1045	1191
SpM1_ChORF1287_s_at	<i>spy1287</i>	<i>spy1287</i>	1050	1181	878	761
SpM1_ChORF2031_s_at	<i>spy2031</i>	<i>spy2031</i>	1098	1182	895	800
SpM1_ChORF1172_s_at	<i>satE</i>	<i>spy1172</i>	1561	1183	1078	1092
SpM1_ChORF1986_s_at	<i>spy1986</i>	<i>spy1986</i>	928	1184	167	195
SpM1_ChORF1117_s_at	<i>spy1117</i>	<i>spy1117</i>	1262	1185	1378	1477
SpM1_ChORF1768_s_at	<i>spy1768</i>	<i>spy1768</i>	1093	1186	988	766
SpM12_ChORF212-2_s_at	<i>spy0440</i>	<i>spy0440</i>	880	1187	1261	1358
SpM1_ChORF0768_s_at	<i>pheS</i>	<i>spy0768</i>	1094	1188	1221	1148
SpM1_ChORF0600_s_at	<i>spy0600</i>	<i>spy0600</i>	1168	1189	1175	1101
SpM1_ChORF0472_s_at	<i>spy0472</i>	<i>spy0472</i>	1074	1190	1212	1278
SpM1_ChORF0238_s_at	<i>spy0238</i>	<i>spy0238</i>	1051	1191	1180	1171
SpM1_ChORF0008_s_at	<i>trcF</i>	<i>spy0008</i>	1043	1192	1242	1300
SpM1_ChORF1161_at	<i>spy1161</i>	<i>spy1161</i>	1216	1193	1277	1172
SpM1_ChORF0197_s_at	<i>nadC</i>	<i>spy0197</i>	1618	1194	1385	1480
SpM12_ChORF239-12_s_at	<i>spy0012</i>	<i>spy0012</i>	1234	1195	1350	1468
SpM1_ChORF1575_s_at	<i>spy1575</i>	<i>spy1575</i>	1212	1196	1357	1312
SpM1_ChORF1046_s_at	<i>spy1046</i>	<i>spy1046</i>	1105	1197	1103	1032
SpM1_ChORF0365_s_at	<i>spy0365</i>	<i>spy0365</i>	1031	1198	1223	1448
SpM1_ChORF2211_s_at	<i>spy2211</i>	<i>spy2211</i>	1301	1199	1161	1435
SpM1_ChORF1198_s_at	<i>spy1198</i>	<i>spy1198</i>	1183	1200	1130	913
SpM1_ChORF1363_s_at	<i>spy1363</i>	<i>spy1363</i>	1378	1201	1365	1457
SpM1_ChORF1810_s_at	<i>pmi</i>	<i>spy1810</i>	820	1202	1199	1147
SpM1_ChORF1863_s_at	<i>spy1863</i>	<i>spy1863</i>	1069	1203	1153	1067
SpM1_ChORF1607_s_at	<i>spy1607</i>	<i>spy1607</i>	1063	1204	1267	1332
SpM1_ChORF0237_s_at	<i>spy0237</i>	<i>spy0237</i>	1153	1205	1341	1389
SpM12_ChORF217-1_at	<i>spyoM12_ChORF_217_1</i>	<i>SpyoM12_ChORF_217_1</i>	1197	1206	1209	1254
SpM1_ChORF1791_s_at	<i>spy1791</i>	<i>spy1791</i>	1017	1207	1142	1149
SpM1_ChORF1924_s_at	<i>lacR.2</i>	<i>spy1924</i>	1059	1208	1187	1247
SpM1_ChORF1750_s_at	<i>fabD</i>	<i>spy1750</i>	146	1209	1133	889
SpM1_ChORF0737_at	<i>epf</i>	<i>spy0737</i>	1391	1210	1128	1119
SpM1_ChORF0622_s_at	<i>spy0622</i>	<i>spy0622</i>	1158	1211	1315	1263
SpM1_ChORF1846_s_at	<i>dinP</i>	<i>spy1846</i>	1208	1212	1389	1398
SpM1_ChORF0245_s_at	<i>fasA</i>	<i>spy0245</i>	1360	1213	1348	1331
SpM1_ChORF1024_s_at	<i>spy1024</i>	<i>spy1024</i>	1231	1214	1091	1126
SpM1_ChORF1921_s_at	<i>lacC.2</i>	<i>spy1921</i>	491	1215	1041	824
SpM1_ChORF0016_s_at	<i>spy0016</i>	<i>spy0016</i>	1333	1216	1415	1458
SpM5_ChORF4P31a-86_s_at	<i>spyoM5_ChORF_4P31a0 1.w2c2309_86</i>	<i>SpyoM5_ChORF_4P31a0 1.w2c2309_86</i>	1119	1217	1266	1123
SpM1_ChORF0552_s_at	<i>spy0552</i>	<i>spy0552</i>	1470	1218	1429	1429
SpM1_ChORF1994_s_at	<i>spy1994</i>	<i>spy1994</i>	1140	1219	1205	1078
SpM1_ChORF0352_s_at	<i>spy0352</i>	<i>spy0352</i>	710	1220	1228	1159
SpM1_ChORF1250_s_at	<i>mreA</i>	<i>spy1250</i>	1087	1221	1320	1328
SpM1_ChORF0479_at	<i>spy0479</i>	<i>spy0479</i>	1244	1222	1211	1049
SpM18_ChORF1359_at	<i>spyM18_1359</i>	<i>spyM18_1359</i>	1136	1223	1160	1098
SpM1_ChORF1604_s_at	<i>spy1604</i>	<i>spy1604</i>	738	1224	500	347
SpM1_ChORF0133_at	<i>spy0133</i>	<i>spy0133</i>	1127	1225	1090	934
SpM1_ChORF0314_s_at	<i>spy0314</i>	<i>spy0314</i>	1198	1226	1361	1352
SpM1_ChORF1040_s_at	<i>hemN, hemC</i>	<i>spy1040</i>	1269	1227	1493	1649
SpM1_ChORF0421_s_at	<i>spy0421</i>	<i>spy0421</i>	1174	1228	1250	1105
SpM1_ChORF1665_s_at	<i>pbpX</i>	<i>spy1664</i>	1351	1229	1439	1403
SpM1_ChORF1563_s_at	<i>spy1563</i>	<i>spy1563</i>	847	1230	715	477
SpM1_ChORF2120_s_at	<i>lmrP</i>	<i>spy2120</i>	1275	1231	1318	1362
SpM1_ChORF1290_s_at	<i>spy1290</i>	<i>spy1290</i>	1424	1232	1445	1596
SpM1_ChORF1034_s_at	<i>cobQ</i>	<i>spy1034</i>	1151	1233	1327	1321

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF1056_s_at	<i>spy1056</i>	<i>spy1056</i>	1200	1234	1308	1241
SpM1_ChORF1897_s_at	<i>spy1897</i>	<i>spy1897</i>	1329	1235	1533	1697
SpM1_ChORF0172_s_at	<i>metB</i>	<i>spy0172</i>	1320	1236	1102	1267
SpM1_ChORF2199_s_at	<i>spy2199</i>	<i>spy2199</i>	1426	1237	1565	1704
SpM1_ChORF1288_s_at	<i>spy1288</i>	<i>spy1288</i>	1177	1238	1295	1319
SpM1_ChORF0007_s_at	<i>pth</i>	<i>spy0007</i>	1385	1239	1405	1492
SpM1_ChORF0498_s_at	<i>spy0498</i>	<i>spy0498</i>	1120	1240	1275	1298
SpM1_ChORF0004_s_at	<i>spy0004</i>	<i>spy0004</i>	1353	1241	1423	1514
SpM1_ChORF1656_s_at	<i>aapA</i>	<i>spy1654</i>	1358	1242	1408	1436
SpM3_ChORF1072_s_at	<i>spy1407</i>	<i>spy1407</i>	1242	1243	1287	1251
SpM1_ChORF2002_s_at	<i>dppC</i>	<i>spy2002</i>	1245	1244	1162	1056
SpM1_ChORF0826_s_at	<i>lsp</i>	<i>spy0826</i>	1325	1245	1398	1455
SpM1_ChORF1505_s_at	<i>phr</i>	<i>spy1505</i>	1222	1246	1243	1226
SpM1_ChORF0550_s_at	<i>spy0550</i>	<i>spy0550</i>	1508	1247	1468	1521
SpM1_ChORF1788_s_at	<i>spy1788</i>	<i>spy1788</i>	1252	1248	1316	1388
	<i>spyoM12_ChORF_291_3</i>	<i>SpyoM12_ChORF_291_3</i>				
SpM5_ChORF125g-189_s_at	5	5	1135	1249	1300	1317
SpM1_ChORF1565_s_at	<i>spy1565</i>	<i>spy1565</i>	896	1250	781	587
SpM1_ChORF0442_s_at	<i>spy0442</i>	<i>spy0442</i>	1046	1251	845	857
SpM1_ChORF1488_s_at	<i>int2</i>	<i>spy1488</i>	1306	1252	1234	1110
SpM1_ChORF0796_s_at	<i>spy0796</i>	<i>spy0796</i>	1175	1253	1235	1343
SpM1_ChORF0023_s_at	<i>acpP.2</i>	<i>spy0023</i>	1372	1254	1362	1525
SpM1_ChORF0373_s_at	<i>spy0373</i>	<i>spy0373</i>	1359	1255	1407	1438
SpM1_ChORF2173_s_at	<i>spy2173</i>	<i>spy2173</i>	661	1256	1121	1151
SpM1_ChORF1115_s_at	<i>spy1115</i>	<i>spy1115</i>	1335	1257	1466	1562
SpM1_ChORF1817_s_at	<i>scrR</i>	<i>spy1817</i>	1280	1258	1336	1327
SpM1_ChORF1942_s_at	<i>spy1942</i>	<i>spy1942</i>	1434	1259	1413	1552
SpM1_ChORF0853_s_at	<i>fruR</i>	<i>spy0853</i>	664	1260	943	1163
SpM1_ChORF1159_s_at	<i>hlyIII</i>	<i>spy1159</i>	1067	1261	1236	1253
SpyM3_1542_at	<i>spyM3_1542</i>	<i>SpyM3_1542</i>	1214	1262	1099	996
SpM1_ChORF1541_s_at	<i>arcC</i>	<i>spy1541</i>	88	1263	561	121
SpM1_ChORF1680_s_at	<i>spy1680</i>	<i>spy1680</i>	892	1264	409	373
SpM1_ChORF1864_s_at	<i>dnaQ</i>	<i>spy1864</i>	1272	1265	1331	1248
SpM12_ChORF212-4_s_at	<i>spyoM12_ChORF_212_4</i>	<i>SpyoM12_ChORF_212_4</i>	1221	1266	1339	1318
SpM1_ChORF1795_s_at	<i>spy1795</i>	<i>spy1795</i>	1089	1267	1252	1271
SpM1_ChORF0771_s_at	<i>spy0771</i>	<i>spy0771</i>	1383	1268	1239	1301
SpM1_ChORF1065_at	<i>spy1065</i>	<i>spy1065</i>	1274	1269	1280	1280
SpM18_ChORF2160_s_at	<i>mga</i>	<i>spyM18_2160</i>	1118	1270	1224	1006
SpM1_ChORF2166_s_at	<i>spy2166</i>	<i>spy2166</i>	1277	1271	1176	1084
SpM1_ChORF2118_s_at	<i>tag</i>	<i>spy2118</i>	1176	1272	1245	1292
SpM18_ChORF2202_s_at	<i>spyM18_2202</i>	<i>spyM18_2202</i>	1336	1273	1294	1209
SpM1_ChORF1905_s_at	<i>hsdS</i>	<i>spy1905</i>	1249	1274	1225	1244
SpM1_ChORF1082_at	<i>srtK</i>	<i>spy1082</i>	1350	1275	1443	1494
SpM1_ChORF1113_s_at	<i>spy1113</i>	<i>spy1113</i>	1201	1276	395	398
SpM1_ChORF0233_s_at	<i>spy0233</i>	<i>spy0233</i>	1376	1277	1349	1344
SpM1_ChORF1634_s_at	<i>spy1634</i>	<i>spy1634</i>	1102	1278	1168	1106
SpM1_ChORF1623_s_at	<i>spy1623</i>	<i>spy1623</i>	1388	1279	1309	1387
SpM18_ChORF1309_s_at	<i>spyM18_1309</i>	<i>spyM18_1309</i>	1281	1280	1219	1079
	<i>spyoM12_ChORF_299_1</i>	<i>SpyoM12_ChORF_299_1</i>				
SpM12_ChORF299-11_at	1	1	1506	1281	1230	1523
SpM1_ChORF0917_s_at	<i>spy0917</i>	<i>spy0917</i>	1313	1282	1333	1259
SpM1_ChORF1298_at	<i>malA</i>	<i>spy1298</i>	977	1283	661	161
M12_0090_s_at	M12_0090	M12_0090	1327	1284	1455	1569
SpM18_ChORF0618_s_at	<i>spy0553</i>	<i>spy0553</i>	1447	1285	1400	1406
	<i>spyoM12_ChORF_299_1</i>	<i>SpyoM12_ChORF_299_1</i>				
SpM12_ChORF299-15_at	5	5	1033	1286	1063	814
SpM18_ChORF1340_at	<i>int</i>	<i>spyM18_1340</i>	1192	1287	1312	1269
SpM1_ChORF0742_s_at	<i>sagE</i>	<i>spy0742</i>	1384	1288	506	354
SpM1_ChORF2165_s_at	<i>spy2165</i>	<i>spy2165</i>	1338	1289	1293	1262
SpM1_ChORF1464_s_at	<i>spy1464</i>	<i>spy1464</i>	763	1290	1163	1009
SpM1_ChORF0480_at	<i>spy0480</i>	<i>spy0480</i>	1299	1291	1257	1164

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF1586_s_at	<i>lacZ</i>	<i>spy1586</i>	1290	1292	810	614
SpM1_ChORF1561_s_at	<i>spy1561</i>	<i>spy1561</i>	1011	1293	975	693
SpM1_ChORF1973_at	<i>dexB</i>	<i>spy1973</i>	980	1294	312	374
SpM1_ChORF1908_s_at	<i>salR</i>	<i>spy1908</i>	1310	1295	1321	1224
SpM1_ChORF1584_s_at	<i>aroE</i>	<i>spy1584</i>	1250	1296	1217	1111
SpM1_ChORF0527_s_at	<i>spy0527</i>	<i>spy0527</i>	1410	1297	1422	1437
	<i>spyoM12_ChORF_299_5</i>	<i>SpyoM12_ChORF_299_5</i>				
SpM12_ChORF299-52_s_at	2	2	1343	1298	1470	1531
SpM1_ChORF1564_s_at	<i>spy1564</i>	<i>spy1564</i>	936	1299	748	512
SpM1_ChORF0627_at	<i>regR</i>	<i>spy0627</i>	1397	1300	1414	1486
SpM1_ChORF0227_s_at	<i>spy0227</i>	<i>spy0227</i>	1448	1301	1401	1370
SpM1_ChORF1562_s_at	<i>spy1562</i>	<i>spy1562</i>	903	1302	835	551
SpM1_ChORF1016_s_at	<i>spy1016</i>	<i>spy1016</i>	1458	1303	1314	1447
SpM1_ChORF1138_s_at	<i>spy1138</i>	<i>spy1138</i>	1232	1304	1390	1393
SpM1_ChORF2007_s_at	<i>lmb</i>	<i>spy2007</i>	1226	1305	1337	1196
SpM1_ChORF0999_at	<i>spy0999</i>	<i>spy0999</i>	1373	1306	1197	1033
SpM1_ChORF1794_s_at	<i>spy1794</i>	<i>spy1794</i>	1068	1307	1208	1194
SpM1_ChORF1552_s_at	<i>spy1552</i>	<i>spy1552</i>	1267	1308	1214	1136
SpM1_ChORF2042_s_at	<i>rgg</i>	<i>spy2042</i>	1540	1309	1382	1532
SpM1_ChORF2164_s_at	<i>spy2164</i>	<i>spy2164</i>	1342	1310	1329	1293
SpM1_ChORF0484_s_at	<i>spy0484</i>	<i>spy0484</i>	1377	1311	1399	1414
SpM3_ChORF0972_at	<i>spyM3_0972</i>	<i>SpyM3_0972</i>	1257	1312	1244	1108
SpM1_ChORF0627_s_at	<i>regR</i>	<i>spyM18_0692</i>	1466	1313	1392	1483
SpM12_ChORF236-7_s_at	<i>spyoM12_ChORF_236_7</i>	<i>SpyoM12_ChORF_236_7</i>	984	1314	1487	1491
SpM1_ChORF1291_s_at	<i>glgP</i>	<i>spy1291</i>	997	1315	569	671
SpM1_ChORF0370_s_at	<i>spy0370</i>	<i>spy0370</i>	1247	1316	1325	1533
SpM1_ChORF1616_s_at	<i>comFA</i>	<i>spy1616</i>	1298	1317	1344	1287
SpM18_ChORF0626_s_at	<i>spy0560</i>	<i>spy0560</i>	1292	1318	1313	1342
SpM1_ChORF2047_s_at	<i>gldA</i>	<i>spy2047</i>	1144	1319	128	60
SpM1_ChORF1297_at	<i>spy1297</i>	<i>spy1297</i>	1436	1320	717	734
SpM1_ChORF1017_x_at	<i>spy1017</i>	<i>spy1017</i>	1382	1321	1247	1404
SpM1_ChORF1915_at	<i>salA</i>	<i>spy1915</i>	1054	1322	1342	1115
SpM1_ChORF0021_s_at	<i>spy0021</i>	<i>spy0021</i>	1440	1323	1479	1627
SpM1_ChORF1155_s_at	<i>spy1155</i>	<i>spy1155</i>	1433	1324	1379	1476
SpM1_ChORF1542_s_at	<i>spy1542</i>	<i>spy1542</i>	104	1325	630	160
SpM1_ChORF1237_s_at	<i>ciaR</i>	<i>spy1237</i>	1173	1326	1364	1360
SpM1_ChORF1124_s_at	<i>spy1124</i>	<i>spy1124</i>	1569	1327	1501	1583
SpM1_ChORF1548_s_at	<i>spy1548</i>	<i>spy1548</i>	1040	1328	1056	1099
SpM1_ChORF1587_s_at	<i>lytR</i>	<i>spy1587</i>	1446	1329	1081	1001
SpM1_ChORF0558_s_at	<i>spy0558</i>	<i>spy0558</i>	1386	1330	1391	1336
SpM1_ChORF1063_at	<i>spy1063</i>	<i>spy1063</i>	1134	1331	1307	1243
SpM1_ChORF0856_s_at	<i>mur1.1</i>	<i>spy0856</i>	1334	1332	1363	1364
SpM1_ChORF1131_s_at	<i>spy1131</i>	<i>spy1131</i>	1402	1333	1556	1602
SpM1_ChORF1813_at	<i>endoS</i>	<i>spy1813</i>	969	1334	907	433
SpM1_ChORF0770_s_at	<i>spy0770</i>	<i>spy0770</i>	1438	1335	1343	1443
SpM1_ChORF2209_s_at	<i>spy2209</i>	<i>spy2209</i>	1474	1336	1564	1710
SpM1_ChORF2048_s_at	<i>mipB</i>	<i>spy2048</i>	1302	1337	257	164
SpM1_ChORF1935_s_at	<i>spy1935</i>	<i>spy1935</i>	1323	1338	1354	1273
SpM1_ChORF0488_s_at	<i>spy0488</i>	<i>spy0488</i>	1374	1339	1395	1418
SpM1_ChORF0640_s_at	<i>spy0640</i>	<i>spy0640</i>	1284	1340	1335	1372
SpM1_ChORF0766_s_at	<i>endA</i>	<i>spy0766</i>	1321	1341	1346	1316
SpM1_ChORF1903_s_at	<i>spy1903</i>	<i>spy1903</i>	1427	1342	1508	1566
SpM1_ChORF0207_s_at	<i>spy0207</i>	<i>spy0207</i>	1444	1343	1474	1394
SpM1_ChORF1602_s_at	<i>spy1602</i>	<i>spy1602</i>	973	1344	786	713
SpM12_ChORF284-30_s_at	<i>spy1061</i>	<i>spy1061</i>	1045	1345	1323	1238
SpM1_ChORF0385_s_at	<i>fhuD</i>	<i>spy0385</i>	1514	1346	1531	1687
SpM1_ChORF1257_s_at	<i>spy1257</i>	<i>spy1257</i>	1344	1347	1360	1315
SpM1_ChORF0433_at	<i>spy0433</i>	<i>spy0433</i>	1366	1348	1504	1558
SpM1_ChORF1189_s_at	<i>citF</i>	<i>spy1189</i>	1092	1349	933	939
SpM1_ChORF1047_s_at	<i>spy1047</i>	<i>spy1047</i>	1371	1350	1380	1330
SpM1_ChORF0009_s_at	<i>spy0009</i>	<i>spy0009</i>	1346	1351	1512	1541

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF1783_s_at	<i>spy1783</i>	<i>spy1783</i>	1445	1352	1519	1606
SpM1_ChORF1107_s_at	<i>spy1107</i>	<i>spy1107</i>	1468	1353	1420	1399
SpM1_ChORF1062_s_at	<i>yesM</i>	<i>spy1062</i>	999	1354	1274	1121
SpM1_ChORF0533_s_at	<i>spy0533</i>	<i>spy0533</i>	1652	1355	1386	1357
SpM1_ChORF1815_s_at	<i>scrA</i>	<i>spy1815</i>	1223	1356	1284	1143
SpM1_ChORF0251_s_at	<i>spy0251</i>	<i>spy0251</i>	1186	1357	477	444
SpM1_ChORF2176_s_at	<i>spy2176</i>	<i>spy2176</i>	1303	1358	1403	1277
SpM1_ChORF2004_s_at	<i>dppE</i>	<i>spy2004</i>	1409	1359	1412	1383
	<i>spyoM12_ChORF_299_5</i>	<i>SpyoM12_ChORF_299_5</i>				
SpM12_ChORF299-57_s_at	7	7	1395	1360	1464	1497
SpM1_ChORF1793_s_at	<i>spy1793</i>	<i>spy1793</i>	1289	1361	1370	1441
SpM1_ChORF1163_s_at	<i>smf</i>	<i>spy1163</i>	1354	1362	1427	1409
SpM1_ChORF0095_s_at	<i>spy0095</i>	<i>spy0095</i>	1495	1363	1498	1628
SpM1_ChORF0191_at	<i>spy0191</i>	<i>spy0191</i>	1364	1364	1358	1203
SpM1_ChORF1811_s_at	<i>scrK</i>	<i>spy1811</i>	1316	1365	1394	1205
SpM1_ChORF1916_s_at	<i>lacG</i>	<i>spy1916</i>	1023	1366	1372	1206
SpM1_ChORF1556_s_at	<i>spy1556</i>	<i>spy1556</i>	1317	1367	1196	1258
SpM1_ChORF1160_s_at	<i>spy1160</i>	<i>spy1160</i>	1161	1368	1351	1373
SpM1_ChORF1174_s_at	<i>oadA</i>	<i>spy1174</i>	1457	1369	1567	1744
SpM1_ChORF1106_s_at	<i>spy1106</i>	<i>spy1106</i>	1442	1370	1376	1335
SpM1_ChORF1879_s_at	<i>spy1879</i>	<i>spy1879</i>	1356	1371	1526	1641
SpM1_ChORF2215_s_at	<i>spy2215</i>	<i>spy2215</i>	1390	1372	1416	1504
SpM1_ChORF1293_s_at	<i>malR</i>	<i>spy1293</i>	1430	1373	1375	1350
SpM1_ChORF1058_s_at	<i>ptsB</i>	<i>spy1058</i>	199	1374	632	254
SpM1_ChORF0496_s_at	<i>mutR</i>	<i>spy0496</i>	1451	1375	1536	1600
SpM18_ChORF1719_s_at	<i>trxB</i>	<i>spyM18_1719</i>	704	1376	1032	666
SpM1_ChORF1603_s_at	<i>spy1603</i>	<i>spy1603</i>	1008	1377	914	731
SpM1_ChORF2162_s_at	<i>cadD</i>	<i>spy2162</i>	1421	1378	1418	1434
SpM1_ChORF1710_s_at	<i>spy1710</i>	<i>spy1710</i>	457	1379	775	488
SpM1_ChORF1210_s_at	<i>spy1210</i>	<i>spy1210</i>	1520	1380	1473	1469
SpM1_ChORF0384_s_at	<i>fhuB.1</i>	<i>spy0384</i>	1475	1381	1511	1621
SpM1_ChORF1018_s_at	<i>spy1018</i>	<i>spy1018</i>	1431	1382	1296	1428
SpM18_ChORF1077_s_at	<i>spyM18_1077</i>	<i>spyM18_1077</i>	1531	1383	1648	1757
SpM18_ChORF1348_x_at	<i>spyM18_1348</i>	<i>spyM18_1348</i>	1453	1384	1388	1384
SpM1_ChORF1796_s_at	<i>shp</i>	<i>spy1796</i>	1287	1385	1441	1488
SpM1_ChORF1956_s_at	<i>spy1956</i>	<i>spy1956</i>	1416	1386	1451	1338
SpM1_ChORF2066_s_at	<i>spy2066</i>	<i>spy2066</i>	1138	1387	669	665
	<i>spyoM12_ChORF_299_6</i>	<i>SpyoM12_ChORF_299_6</i>				
SpM12_ChORF299-66_at	6	6	1512	1388	1450	1376
SpM1_ChORF2172_s_at	<i>spy2172</i>	<i>spy2172</i>	799	1389	1238	1250
SpM1_ChORF1177_s_at	<i>spy1177</i>	<i>spy1177</i>	1379	1390	1459	1578
SpM1_ChORF1329_s_at	<i>spy1329</i>	<i>spy1329</i>	1584	1391	1546	1564
SpM1_ChORF2190_s_at	<i>sdhA</i>	<i>spy2190</i>	1268	1392	774	830
SpM3_ChORF0788_s_at	<i>spyM18_1090</i>	<i>spyM18_1090</i>	1258	1393	1431	1426
SpM1_ChORF1566_s_at	<i>spy1566</i>	<i>spy1566</i>	1288	1394	1169	1153
SpM18_ChORF2039_s_at	<i>spyM18_2039</i>	<i>spyM18_2039</i>	1095	1395	390	472
SpM1_ChORF1190_s_at	<i>citX</i>	<i>spy1190</i>	1014	1396	834	778
SpM1_ChORF1233_s_at	<i>coaA</i>	<i>spy1233</i>	1541	1397	1602	1731
SpM18_ChORF0135_s_at	<i>spyM18_0135</i>	<i>spyM18_0135</i>	1369	1398	606	902
SpM1_ChORF1637_s_at	<i>atoB</i>	<i>spy1637</i>	1337	1399	1485	1585
	<i>spyoM12_ChORF_299_6</i>	<i>SpyoM12_ChORF_299_6</i>				
SpM12_ChORF299-65_at	5	5	1585	1400	1503	1473
SpM1_ChORF1926_s_at	<i>spy1926</i>	<i>spy1926</i>	1532	1401	1488	1498
SpM1_ChORF0729_s_at	<i>spy0729</i>	<i>spy0729</i>	1493	1402	1622	1769
SpM1_ChORF1295_s_at	<i>malF</i>	<i>spy1295</i>	1533	1403	737	973
SpM1_ChORF1567_s_at	<i>spy1567</i>	<i>spy1567</i>	1219	1404	1131	1096
SpM1_ChORF1292_s_at	<i>malM</i>	<i>spy1292</i>	1304	1405	1037	1097
SpM18_ChORF0547_s_at	<i>silD</i>	<i>spyM18_0547</i>	1296	1406	1271	1197
SpM1_ChORF0542_s_at	<i>spy0542</i>	<i>spy0542</i>	1526	1407	1419	1452
	<i>spyoM12_ChORF_251_7</i>	<i>SpyoM12_ChORF_251_7</i>				
SpM12_ChORF251-7_at			1590	1408	1476	1430
SpM1_ChORF1188_s_at	<i>citE</i>	<i>spy1188</i>	1121	1409	987	1040

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF1180_s_at	<i>spy1180</i>	<i>spy1180</i>	1332	1410	1411	1365
SpM1_ChORF1039_s_at	<i>spy1039</i>	<i>spy1039</i>	1361	1411	1514	1692
SpM1_ChORF1184_s_at	<i>oadB</i>	<i>spy1184</i>	1206	1412	1340	1422
SpM1_ChORF0572_s_at	<i>spy0572</i>	<i>spy0572</i>	1341	1413	1069	1050
SpM1_ChORF2001_s_at	<i>dppB</i>	<i>spy2001</i>	1455	1414	1481	1522
SpM3_ChORF0181_s_at	<i>cbp</i>	<i>SpyM3_0181</i>	1307	1415	554	345
SpM1_ChORF1588_s_at	<i>lytS</i>	<i>spy1588</i>	1555	1416	1377	1306
SpM1_ChORF1592_s_at	<i>spy1592</i>	<i>spy1592</i>	1259	1417	805	327
SpM1_ChORF0383_s_at	<i>fhuG</i>	<i>spy0383</i>	1484	1418	1472	1593
SpM3_ChORF0976_s_at	<i>spyM3_0976</i>	<i>SpyM3_0976</i>	1413	1419	1291	1272
SpM3_ChORF0341_s_at	<i>spyM3_0341</i>	<i>SpyM3_0341</i>	1305	1420	1281	1218
	<i>spyoM5_ChORF_169a5.p</i>	<i>SpyoM5_ChORF_169a5.</i>				
SpM5_ChORF169a-188_s_at	<i>1t_188</i>	<i>p1t_188</i>	1348	1421	1371	1366
SpM18_ChORF1305_s_at	<i>spyM18_1305</i>	<i>spyM18_1305</i>	1423	1422	1288	1282
SpM1_ChORF0539_s_at	<i>spy0539</i>	<i>spy0539</i>	1510	1423	1442	1520
SpM1_ChORF1437_s_at	<i>spy1437</i>	<i>spy1437</i>	1322	1424	1264	1232
SpM1_ChORF1111_s_at	<i>spy1111</i>	<i>spy1111</i>	1239	1425	1124	910
SpM18_ChORF1620_x_at	<i>spyM18_1620</i>	<i>spyM18_1620</i>	1553	1426	1638	1766
SpM12_ChORF221-2_s_at	<i>spyoM12_ChORF_221_2</i>	<i>SpyoM12_ChORF_221_2</i>	1139	1427	1317	1088
SpM1_ChORF0196_s_at	<i>spy0196</i>	<i>spy0196</i>	1734	1428	1305	1303
	<i>spyoM12_ChORF_289_1</i>	<i>SpyoM12_ChORF_289_1</i>				
SpM12_ChORF289-13_s_at	<i>3</i>	<i>3</i>	1330	1429	1430	1322
SpM18_ChORF0544_s_at	<i>spyM18_0544</i>	<i>spyM18_0544</i>	1417	1430	1446	1395
SpM1_ChORF0723_at	<i>spy0723</i>	<i>spy0723</i>	1407	1431	1477	1453
SpM1_ChORF0636_s_at	<i>idnO</i>	<i>spy0636</i>	1394	1432	1353	1311
SpM1_ChORF0574_s_at	<i>bgIA</i>	<i>spy0574</i>	1443	1433	1178	1036
SpM1_ChORF1911_s_at	<i>salY</i>	<i>spy1911</i>	1501	1434	1559	1581
SpM1_ChORF1060_s_at	<i>ptsD</i>	<i>spy1060</i>	254	1435	865	382
SpM1_ChORF2152_s_at	<i>spy2152</i>	<i>spy2152</i>	1396	1436	1345	1377
SpM18_ChORF0701_s_at	<i>spy0638</i>	<i>spy0638</i>	1352	1437	1299	1219
SpM1_ChORF0010_s_at	<i>divIC</i>	<i>spy0010</i>	1449	1438	1591	1675
M12_0089_s_at	<i>M12_0089</i>	<i>M12_0089</i>	1489	1439	1535	1608
SpM1_ChORF1048_s_at	<i>spy1048</i>	<i>spy1048</i>	1347	1440	1366	1284
SpM1_ChORF1049_s_at	<i>spy1049</i>	<i>spy1049</i>	1404	1441	1453	1397
SpM1_ChORF1927_s_at	<i>spy1927</i>	<i>spy1927</i>	1551	1442	1489	1509
SpM1_ChORF0733_at	<i>spy0733</i>	<i>spy0733</i>	1529	1443	1204	1249
SpM1_ChORF1175_s_at	<i>spy1175</i>	<i>spy1175</i>	1482	1444	1569	1707
M12_0965_at	<i>M12_0965</i>	<i>M12_0965</i>	1511	1445	1338	1309
SpM1_ChORF1647_s_at	<i>spy1647</i>	<i>spy1647</i>	1494	1446	1624	1646
SpM1_ChORF1366_s_at	<i>spy1366</i>	<i>spy1366</i>	1547	1447	1617	1720
SpM1_ChORF1385_s_at	<i>spy1385</i>	<i>spy1385</i>	1387	1448	1200	1058
SpM1_ChORF1412_s_at	<i>spy1412</i>	<i>spy1412</i>	1464	1449	1518	1515
SpM1_ChORF0538_s_at	<i>metK</i>	<i>spy0538</i>	1537	1450	1467	1568
SpM1_ChORF1972_s_at	<i>pulA</i>	<i>spy1972</i>	1319	1451	874	771
SpM1_ChORF1683_s_at	<i>glpO</i>	<i>spy1683</i>	1345	1452	1137	668
SpM1_ChORF0801_s_at	<i>spy0801</i>	<i>spy0801</i>	1695	1453	1649	1620
SpM1_ChORF1176_s_at	<i>spy1176</i>	<i>spy1176</i>	1456	1454	1555	1605
SpM1_ChORF1205_s_at	<i>spy1205</i>	<i>spy1205</i>	1419	1455	1495	1454
SpM1_ChORF0252_s_at	<i>spy0252</i>	<i>spy0252</i>	1273	1456	438	288
SpM1_ChORF2052_s_at	<i>spy2052</i>	<i>spy2052</i>	1326	1457	1141	1125
SpM18_ChORF1979_s_at	<i>spyM18_1979</i>	<i>spyM18_1979</i>	1554	1458	1550	1565
SpM1_ChORF1753_s_at	<i>acpP</i>	<i>spy1753</i>	611	1459	1460	1442
	<i>spyoM12_ChORF_299_6</i>	<i>SpyoM12_ChORF_299_6</i>				
SpM12_ChORF299-60_at	<i>0</i>	<i>0</i>	1557	1460	1543	1548
SpM1_ChORF0386_s_at	<i>fhuA</i>	<i>spy0386</i>	1628	1461	1631	1799
	<i>spyoM12_ChORF_299_5</i>	<i>SpyoM12_ChORF_299_5</i>				
SpM12_ChORF299-58_s_at	<i>8</i>	<i>8</i>	1471	1462	1566	1547
SpM1_ChORF1170_s_at	<i>ddh</i>	<i>spy1170</i>	1393	1463	1496	1402
SpM1_ChORF1641_s_at	<i>spy1641</i>	<i>spy1641</i>	1415	1464	1410	1419
	<i>spyoM12_ChORF_299_6</i>	<i>SpyoM12_ChORF_299_6</i>				
SpM12_ChORF299-64_at	<i>4</i>	<i>4</i>	1560	1465	1513	1456

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF0492_s_at	<i>spy0492</i>	<i>spy0492</i>	1481	1466	1438	1381
SpM1_ChORF2013_s_at	<i>tnp</i>	<i>spy2013</i>	409	1467	1184	1055
SpM12_ChORF299-55_s_at	<i>spyoM12_ChORF_299_5</i>	<i>SpyoM12_ChORF_299_5</i>				
	5	5	1497	1468	1605	1599
SpM49_ChORF356-2_s_at	<i>spyoM49_ChORF_sp001_0_356_2</i>	<i>SpyoM49_ChORF_sp001_0_356_2</i>	339	1469	904	426
SpM12_ChORF299-62_at	2	2	1612	1470	1562	1545
SpM1_ChORF1638_s_at	<i>atoD.1</i>	<i>spy1638</i>	1389	1471	1541	1654
SpM12_ChORF299-39_s_at	<i>spyoM12_ChORF_299_3</i>	<i>SpyoM12_ChORF_299_3</i>				
	9	9	1380	1472	1486	1378
SpM1_ChORF0637_s_at	<i>spy0637</i>	<i>spy0637</i>	1425	1473	1426	1380
SpM1_ChORF0531_s_at	<i>acpA</i>	<i>spy0531</i>	1315	1474	1703	1866
SpM1_ChORF0219_x_at	<i>spy0219</i>	<i>spy0219</i>	1278	1475	1432	1302
M12_2021_x_at	M12_2021	M12_2021	1398	1476	1480	1440
SpM1_ChORF2050_s_at	<i>spyM18_2111</i>	<i>spyM18_2111</i>	1405	1477	1232	1076
SpM12_ChORF299-59_s_at	<i>spyoM12_ChORF_299_5</i>	<i>SpyoM12_ChORF_299_5</i>				
	9	9	1505	1478	1575	1576
SpM12_ChORF299-43_at	<i>spyoM12_ChORF_299_4</i>	<i>SpyoM12_ChORF_299_4</i>				
	3	3	1375	1479	1456	1345
SpM1_ChORF1640_s_at	<i>spy1640</i>	<i>spy1640</i>	1400	1480	1458	1538
SpM1_ChORF0510_s_at	<i>spy0510</i>	<i>spy0510</i>	1556	1481	1553	1660
SpM12_ChORF299-53_s_at	<i>spyoM12_ChORF_299_5</i>	<i>SpyoM12_ChORF_299_5</i>				
	3	3	1525	1482	1597	1595
SpM1_ChORF1543_s_at	<i>spy1543</i>	<i>spy1543</i>	149	1483	788	275
SpM1_ChORF1183_s_at	<i>spy1183</i>	<i>spy1183</i>	1312	1484	1387	1446
SpM1_ChORF1684_s_at	<i>glpK</i>	<i>spy1684</i>	1362	1485	1233	888
SpM12_ChORF299-61_s_at	<i>spyoM12_ChORF_299_6</i>	<i>SpyoM12_ChORF_299_6</i>				
	1	1	1605	1486	1589	1570
SpM1_ChORF1209_s_at	<i>pdxK</i>	<i>spy1209</i>	1577	1487	1540	1546
SpM1_ChORF0489_s_at	<i>spy0489</i>	<i>spy0489</i>	1459	1488	1500	1500
SpM18_ChORF0633_s_at	<i>spyM18_0633</i>	<i>spyM18_0633</i>	1486	1489	1494	1543
SpM5_ChORF4P31a-19_s_at	<i>spyoM5_ChORF_4P31a0_1.w2c2309_19</i>	<i>SpyoM5_ChORF_4P31a0_1.w2c2309_19</i>	1504	1490	1461	1597
SpM12_ChORF299-56_s_at	<i>spyoM12_ChORF_299_5</i>	<i>SpyoM12_ChORF_299_5</i>				
	6	6	1517	1491	1594	1577
SpM1_ChORF0526_s_at	<i>spy0526</i>	<i>spy0526</i>	1441	1492	1440	1348
SpM1_ChORF1081_at	<i>srtR</i>	<i>spy1081</i>	1594	1493	1637	1751
SpM12_ChORF299-54_s_at	<i>spyoM12_ChORF_299_5</i>	<i>SpyoM12_ChORF_299_5</i>				
	4	4	1496	1494	1596	1584
SpyM3_1427_at	<i>spyM3_1427</i>	<i>SpyM3_1427</i>	1534	1495	1601	1587
SpM1_ChORF1325_s_at	<i>spy1325</i>	<i>spy1325</i>	1381	1496	1278	1102
SpM1_ChORF0146_s_at	<i>spy0146</i>	<i>spy0146</i>	1295	1497	1181	1086
SpM1_ChORF0155_s_at	<i>ntpB</i>	<i>spy0155</i>	1498	1498	1424	1223
SpM1_ChORF1361_s_at	<i>inIA</i>	<i>spy1361</i>	1473	1499	1545	1495
SpM12_ChORF299-63_at	<i>spyoM12_ChORF_299_6</i>	<i>SpyoM12_ChORF_299_6</i>				
	3	3	1632	1500	1584	1535
SpM1_ChORF1985_s_at	<i>spy1985</i>	<i>spy1985</i>	1349	1501	869	615
SpM1_ChORF1258_s_at	<i>spy1258</i>	<i>spy1258</i>	1675	1502	1655	1688
SpM1_ChORF1704_s_at	<i>lacD.1</i>	<i>spy1704</i>	1100	1503	1328	989
SpM1_ChORF1191_s_at	<i>oadA</i>	<i>spy1191</i>	1263	1504	1095	1073
SpM1_ChORF2091_s_at	<i>spy2091</i>	<i>spy2091</i>	1412	1505	1156	1184
SpM1_ChORF0639_s_at	<i>kgdA</i>	<i>spy0639</i>	1528	1506	1520	1490
SpM12_ChORF299-46_at	<i>spyoM12_ChORF_299_4</i>	<i>SpyoM12_ChORF_299_4</i>				
	6	6	1420	1507	1525	1423
SpM18_ChORF1977_at	<i>spyM18_1977</i>	<i>spyM18_1977</i>	1559	1508	1554	1507
SpM1_ChORF0154_s_at	<i>ntpA</i>	<i>spy0154</i>	1544	1509	1465	1349
SpM1_ChORF2099_s_at	<i>spy2099</i>	<i>spy2099</i>	1603	1510	1652	1698
SpM1_ChORF0571_s_at	<i>licT</i>	<i>spy0571</i>	1570	1511	1447	1557
SpM12_ChORF218-7_s_at	<i>spyoM12_ChORF_218_7</i>	<i>SpyoM12_ChORF_218_7</i>	1439	1512	1454	1416
SpM1_ChORF2170_at	<i>spy2170</i>	<i>spy2170</i>	1502	1513	1585	1637

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
	<i>spyoM12_ChrORF_299_4</i>	<i>SpyoM12_ChrORF_299_4</i>				
SpM12_ChORF299-42_at	2	2	1401	1514	1524	1386
SpM1_ChORF1296_s_at	<i>malG</i>	<i>spy1296</i>	1611	1515	555	672
SpM18_ChORF2199_s_at	<i>spyM18_2199</i>	<i>spyM18_2199</i>	1578	1516	1561	1594
SpM1_ChORF2177_s_at	<i>spy2177</i>	<i>spy2177</i>	1629	1517	1576	1590
SpM18_ChORF1331_s_at	<i>spyM18_1331</i>	<i>spyM18_1331</i>	1492	1518	1409	1182
SpM1_ChORF0524_s_at	<i>spy0524</i>	<i>spy0524</i>	1571	1519	1552	1561
SpM1_ChORF1769_s_at	<i>spy1769</i>	<i>spy1769</i>	1485	1520	1563	1510
SpyM3_1764_at	<i>spyM3_1764</i>	<i>SpyM3_1764</i>	1479	1521	1581	1474
SpM3_ChORF1124_s_at	<i>spyM3_1124</i>	<i>SpyM3_1124</i>	1465	1522	1642	1635
SpM1_ChORF1816_s_at	<i>scrB</i>	<i>spy1816</i>	1414	1523	1588	1625
SpM1_ChORF1322_s_at	<i>spy1322</i>	<i>spy1322</i>	1469	1524	1396	1175
SpM1_ChORF0546_s_at	<i>spy0546</i>	<i>spy0546</i>	1693	1525	1579	1530
SpM1_ChORF1834_s_at	<i>spy1834</i>	<i>spy1834</i>	1564	1526	1586	1575
SpM1_ChORF2039_s_at	<i>speB</i>	<i>spy2039</i>	1411	1527	1527	1433
SpM1_ChORF0543_s_at	<i>mefE</i>	<i>spy0543</i>	1619	1528	1528	1528
SpM1_ChORF2163_s_at	<i>cadC</i>	<i>spy2163</i>	1591	1529	1571	1591
SpM1_ChORF1059_s_at	<i>ptsC</i>	<i>spy1059</i>	248	1530	922	407
SpM1_ChORF1186_s_at	<i>citD</i>	<i>spy1186</i>	1392	1531	1322	1411
SpM1_ChORF0107_s_at	<i>spy0107</i>	<i>spy0107</i>	1724	1532	1582	1658
SpM1_ChORF2051_s_at	<i>spy2051</i>	<i>spy2051</i>	1452	1533	1326	1286
SpM1_ChORF1711_s_at	<i>gatA</i>	<i>spy1711</i>	749	1534	1186	879
	<i>spyoM5_ChrORF_275f02.</i>	<i>SpyoM5_ChrORF_275f02.</i>				
SpM5_ChORF275f-139_s_at	<i>p1cq_139</i>	<i>p1cq_139</i>	1630	1535	1640	1631
SpM1_ChORF2085_s_at	<i>fhs.2</i>	<i>spy2085</i>	1429	1536	1297	698
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF6658-6_s_at	<i>_0_6658_6</i>	<i>_0_6658_6</i>	1566	1537	1618	1623
SpM1_ChORF0212_s_at	<i>speG</i>	<i>spy0212</i>	1698	1538	1711	1737
SpM1_ChORF0732_at	<i>spy0732</i>	<i>spy0732</i>	1661	1539	1578	1589
SpM1_ChORF1110_s_at	<i>spy1110</i>	<i>spy1110</i>	1545	1540	1606	1618
SpM3_ChORF0973_at	<i>spyM3_0973</i>	<i>SpyM3_0973</i>	1539	1541	1457	1337
SpM1_ChORF0845_s_at	<i>czcD</i>	<i>spy0845</i>	1588	1542	1506	1726
SpM1_ChORF0847_s_at	<i>spy0847</i>	<i>spy0847</i>	1742	1543	1726	1838
SpM1_ChORF1323_s_at	<i>spy1323</i>	<i>spy1323</i>	1500	1544	1444	1245
SpM18_ChORF1800_at	<i>spyM18_1800</i>	<i>spyM18_1800</i>	1483	1545	1516	1415
SpM1_ChORF1595_s_at	<i>spy1595</i>	<i>spy1595</i>	1435	1546	1203	818
SpM1_ChORF0195_x_at	<i>spy0195</i>	<i>spy0195</i>	1592	1547	1529	1513
SpM1_ChORF0257_s_at	<i>nanH</i>	<i>spy0257</i>	1550	1548	1172	534
SpM3_ChORF1004_s_at	<i>spyM3_1004</i>	<i>SpyM3_1004</i>	1499	1549	1436	1265
SpM3_ChORF1017_s_at	<i>spyM3_1017</i>	<i>SpyM3_1017</i>	1522	1550	1521	1516
SpM1_ChORF1367_s_at	<i>spy1367</i>	<i>spy1367</i>	1635	1551	1699	1743
	<i>spyoM12_ChrORF_288_1</i>	<i>SpyoM12_ChrORF_288_1</i>				
SpM12_ChORF288-15_at	5	5	1599	1552	1607	1588
SpM1_ChORF1639_s_at	<i>atoA</i>	<i>spy1639</i>	1513	1553	1620	1717
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-5_at	<i>_0_7585_5</i>	<i>_0_7585_5</i>	1509	1554	1592	1555
	<i>spyoM12_ChrORF_295_1</i>	<i>SpyoM12_ChrORF_295_1</i>				
SpM12_ChORF295-17_s_at	7	7	1567	1555	1661	1676
	<i>spyoM12_ChrORF_221_3</i>	<i>SpyoM12_ChrORF_221_3</i>				
SpM12_ChORF221-3_s_at	<i>spy0537</i>	<i>spy0537</i>	1480	1556	1572	1481
SpM12_ChORF277-20_s_at	<i>spy0537</i>	<i>spy0537</i>	1684	1557	1615	1653
SpM1_ChORF1593_s_at	<i>spy1593</i>	<i>spy1593</i>	1491	1558	1383	1054
	<i>spyoM12_ChrORF_260_3</i>	<i>SpyoM12_ChrORF_260_3</i>				
SpM12_ChORF260-3_s_at	<i>glpF</i>	<i>spy1682</i>	1644	1559	1643	1634
SpM1_ChORF1682_s_at	<i>comYA</i>	<i>spy0101</i>	1515	1560	1435	983
SpM1_ChORF0101_s_at	<i>comYA</i>	<i>spy0101</i>	1748	1561	1610	1678
SpM1_ChORF2081_s_at	<i>hutI</i>	<i>spy2081</i>	1432	1562	1286	854
SpM18_ChORF1158_s_at	<i>spyM18_1158</i>	<i>spyM18_1158</i>	1450	1563	1580	1536
SpM1_ChORF0846_s_at	<i>spy0846</i>	<i>spy0846</i>	1701	1564	1705	1790
SpM1_ChORF0102_s_at	<i>comYB</i>	<i>spy0102</i>	1735	1565	1626	1651
SpM18_ChORF1397_at	<i>spyM18_1397</i>	<i>spyM18_1397</i>	1422	1566	1433	1320
SpM1_ChORF0540_s_at	<i>spy0540</i>	<i>spy0540</i>	1683	1567	1623	1639

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF1708_s_at	<i>spy1709</i>	<i>spy1709</i>	1227	1568	1448	1229
	<i>spyoM12_ChORF_301_3</i>	<i>SpyoM12_ChORF_301_3</i>				
SpM12_ChORF301-33_at	3	3	1604	1569	1560	1553
SpM1_ChORF0157_s_at	<i>ntpD</i>	<i>spy0157</i>	1601	1570	1549	1400
	<i>spyoM12_ChORF_291_5</i>	<i>SpyoM12_ChORF_291_5</i>				
SpM12_ChORF291-52_s_at	2	2	1676	1571	1667	1755
SpM1_ChORF0151_s_at	<i>ntpC</i>	<i>spy0151</i>	1593	1572	1482	1339
	<i>spyoM12_ChORF_299_4</i>	<i>SpyoM12_ChORF_299_4</i>				
SpM12_ChORF299-40_at	0	0	1519	1573	1611	1506
	<i>spyoM12_ChORF_299_4</i>	<i>SpyoM12_ChORF_299_4</i>				
SpM12_ChORF299-45_s_at	5	5	1477	1574	1603	1527
	<i>spyoM5_ChORF_270b10</i>	<i>SpyoM5_ChORF_270b10</i>				
SpM5_ChORF270b-6_at	<i>p1t_6</i>	<i>.p1t_6</i>	1476	1575	1492	1368
SpM1_ChORF1384_s_at	<i>spy1384</i>	<i>spy1384</i>	1549	1576	1463	1391
	<i>spyoM12_ChORF_299_4</i>	<i>SpyoM12_ChORF_299_4</i>				
SpM12_ChORF299-49_s_at	9	9	1668	1577	1653	1612
SpM1_ChORF0254_s_at	<i>spy0254</i>	<i>spy0254</i>	1574	1578	950	610
SpM1_ChORF1591_s_at	<i>spy1591</i>	<i>spy1591</i>	1523	1579	1397	877
SpM12_ChORF299-6_s_at	<i>spyoM12_ChORF_299_6</i>	<i>SpyoM12_ChORF_299_6</i>	1530	1580	1598	1489
M12_1091_at	M12_1091	M12_1091	1643	1581	1674	1765
SpM3_ChORF1054_s_at	<i>spyM3_1054</i>	<i>SpyM3_1054</i>	1548	1582	1537	1517
SpM1_ChORF1952_s_at	<i>spy1952</i>	<i>spy1952</i>	1463	1583	1522	1450
SpM1_ChORF1707_s_at	<i>lacA.1</i>	<i>spy1708</i>	1309	1584	1510	1308
SpM18_ChORF0120_s_at	<i>spyM18_0120</i>	<i>spyM18_0120</i>	1703	1585	1599	1753
SpM1_ChORF1912_s_at	<i>salX</i>	<i>spy1912</i>	1487	1586	1608	1524
SpM1_ChORF1409_s_at	<i>comEA</i>	<i>spy1409</i>	1562	1587	1614	1624
SpM1_ChORF0145_s_at	<i>spy0145</i>	<i>spy0145</i>	1478	1588	1509	1470
SpM1_ChORF1326_s_at	<i>spy1326</i>	<i>spy1326</i>	1542	1589	1462	1363
SpM1_ChORF1328_s_at	<i>bglA.2</i>	<i>spy1328</i>	1507	1590	1452	1374
SpM1_ChORF0521_s_at	<i>spy0521</i>	<i>spy0521</i>	1608	1591	1507	1460
M12_1770_at	M12_1770	M12_1770	1552	1592	1573	1445
	<i>spyoM12_ChORF_299_4</i>	<i>SpyoM12_ChORF_299_4</i>				
SpM12_ChORF299-41_at	1	1	1460	1593	1544	1367
SpM1_ChORF0518_s_at	<i>spy0518</i>	<i>spy0518</i>	1581	1594	1483	1475
	<i>spyoM12_ChORF_280_2</i>	<i>SpyoM12_ChORF_280_2</i>				
SpM12_ChORF280-25_s_at	5	5	1620	1595	1593	1542
SpM1_ChORF1057_s_at	<i>spy1057</i>	<i>spy1057</i>	787	1596	1306	842
SpM1_ChORF1109_s_at	<i>malP</i>	<i>spy1109</i>	1572	1597	1647	1669
SpM1_ChORF1707_at	<i>lacB.1</i>	<i>spy1707</i>	1276	1598	1491	1295
SpM12_ChORF299-7_at	<i>spyoM12_ChORF_299_7</i>	<i>SpyoM12_ChORF_299_7</i>	1579	1599	1616	1540
SpM1_ChORF0104_s_at	<i>spy0104</i>	<i>spy0104</i>	1796	1600	1651	1816
SpM1_ChORF1085_at	<i>srtF</i>	<i>spy1085</i>	1490	1601	1628	1652
	<i>spyoM12_ChORF_301_7</i>	<i>SpyoM12_ChORF_301_7</i>				
SpM12_ChORF301-71_s_at	1	1	1617	1602	1627	1499
SpM1_ChORF1589_s_at	<i>spy1589</i>	<i>spy1589</i>	1671	1603	1590	1571
SpM1_ChORF1339_s_at	<i>spy1339</i>	<i>spy1339</i>	406	1604	797	821
	<i>spyoM12_ChORF_282_2</i>	<i>SpyoM12_ChORF_282_2</i>				
SpM12_ChORF282-20_s_at	0	0	1723	1605	1741	1784
SpM12_ChORF299-5_s_at	<i>spyoM12_ChORF_299_5</i>	<i>SpyoM12_ChORF_299_5</i>	1587	1606	1629	1559
	<i>spyoM5_ChORF_270b10</i>	<i>SpyoM5_ChORF_270b10</i>				
SpM5_ChORF270b-559_at	<i>p1t_559</i>	<i>.p1t_559</i>	1589	1607	1621	1598
SpM18_ChORF1476_s_at	<i>spyM18_1476</i>	<i>spyM18_1476</i>	1651	1608	1694	1748
SpM1_ChORF1949_s_at	<i>spy1949</i>	<i>spy1949</i>	1518	1609	1515	1408
SpM1_ChORF1408_s_at	<i>comEC</i>	<i>spy1408</i>	1597	1610	1609	1630
SpM1_ChORF0176_s_at	<i>spy0176</i>	<i>spy0176</i>	1536	1611	186	113
SpM1_ChORF0549_s_at	<i>spy0549</i>	<i>spy0549</i>	1782	1612	1672	1640
SpM18_ChORF1136_s_at	<i>spyM18_1136</i>	<i>spyM18_1136</i>	1467	1613	1600	1674
SpM18_ChORF0740_x_at	<i>spyM18_0740</i>	<i>spyM18_0740</i>	1503	1614	1635	1567
SpM18_ChORF1794_s_at	<i>spyM18_1794</i>	<i>spyM18_1794</i>	1527	1615	1551	1412

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF0544_s_at	<i>spy0544</i>	<i>spy0544</i>	1793	1616	1670	1643
SpM1_ChORF1086_s_at	<i>srtE</i>	<i>spy1086</i>	1576	1617	1634	1659
	<i>spyoM5_ChORF_270b10</i>	<i>SpyoM5_ChORF_270b10</i>				
SpM5_ChORF270b-557_at	<i>p1t_557</i>	<i>.p1t_557</i>	1586	1618	1625	1613
	<i>spyoM12_ChORF_299_5</i>	<i>SpyoM12_ChORF_299_5</i>				
SpM12_ChORF299-51_s_at	<i>1</i>	<i>1</i>	1697	1619	1702	1794
SpM12_ChORF217-7_s_at	<i>spyoM12_ChORF_217_7</i>	<i>SpyoM12_ChORF_217_7</i>	1650	1620	1689	1722
SpM1_ChORF0536_s_at	<i>spy0536</i>	<i>spy0536</i>	1682	1621	1639	1668
	<i>spyoM5_ChORF_270b10</i>	<i>SpyoM5_ChORF_270b10</i>				
SpM5_ChORF270b-333_s_at	<i>p1t_333</i>	<i>.p1t_333</i>	1627	1622	1656	1505
SpM12_ChORF281-7_s_at	<i>spyoM12_ChORF_281_7</i>	<i>SpyoM12_ChORF_281_7</i>	1615	1623	1645	1503
SpM1_ChORF0174_s_at	<i>spy0174</i>	<i>spy0174</i>	1454	1624	201	191
SpM1_ChORF1083_at	<i>srtA</i>	<i>spy1083</i>	1699	1625	1707	1776
SpM1_ChORF1557_s_at	<i>msrA</i>	<i>spy1557</i>	1772	1626	1583	1586
SpM12_ChORF218-1_s_at	<i>spyoM12_ChORF_218_1</i>	<i>SpyoM12_ChORF_218_1</i>	1687	1627	1687	1714
SpM1_ChORF0315_s_at	<i>spy0315</i>	<i>spy0315</i>	1616	1628	1701	1664
M12_1466_s_at	<i>M12_1466</i>	<i>M12_1466</i>	1575	1629	1664	1573
SpM1_ChORF0110_s_at	<i>spy0110</i>	<i>spy0110</i>	1670	1630	1658	1702
SpM12_ChORF236-4_s_at	<i>spyoM12_ChORF_236_4</i>	<i>SpyoM12_ChORF_236_4</i>	1610	1631	1680	1611
	<i>spyoM49_ChORF_sp001</i>	<i>SpyoM49_ChORF_sp001</i>				
SpM49_ChORF7585-30_at	<i>_0_7585_30</i>	<i>_0_7585_30</i>	1609	1632	1630	1519
SpM1_ChORF0519_s_at	<i>spy0519</i>	<i>spy0519</i>	1637	1633	1530	1518
SpM1_ChORF1169_s_at	<i>spy1169</i>	<i>spy1169</i>	1600	1634	1678	1626
SpM1_ChORF1324_s_at	<i>spy1324</i>	<i>spy1324</i>	1598	1635	1534	1410
SpM18_ChORF1133_s_at	<i>spyM18_1133</i>	<i>spyM18_1133</i>	1606	1636	1619	1706
SpM1_ChORF0141_s_at	<i>atoD.2</i>	<i>spy0141</i>	1677	1637	1517	1471
M12_1767_at	<i>M12_1767</i>	<i>M12_1767</i>	1568	1638	1633	1508
SpM18_ChORF0202_s_at	<i>spyM18_0202</i>	<i>spyM18_0202</i>	1700	1639	1712	1633
SpM1_ChORF2089_s_at	<i>hutH</i>	<i>spy2089</i>	1638	1640	1547	1131
SpM18_ChORF0148_s_at	<i>msmRL</i>	<i>spyM18_0148</i>	1649	1641	1542	1396
SpM1_ChORF1181_s_at	<i>spy1181</i>	<i>spy1181</i>	1626	1642	1632	1777
SpM18_ChORF1444_x_at	<i>spyM18_1444</i>	<i>spyM18_1444</i>	1820	1643	1671	1795
SpM1_ChORF1914_s_at	<i>salB</i>	<i>spy1914</i>	1558	1644	1697	1680
SpM1_ChORF1208_s_at	<i>spy1208</i>	<i>spy1208</i>	1741	1645	1710	1724
SpM1_ChORF0179_s_at	<i>araD</i>	<i>spy0179</i>	1546	1646	248	80
SpM18_ChORF1787_at	<i>spyM18_1787</i>	<i>spyM18_1787</i>	1645	1647	1644	1529
SpM18_ChORF1796_s_at	<i>spyM18_1796</i>	<i>spyM18_1796</i>	1573	1648	1587	1385
SpM1_ChORF0634_s_at	<i>agaF</i>	<i>spy0634</i>	1472	1649	1437	1281
SpM1_ChORF0199_s_at	<i>spy0199</i>	<i>spy0199</i>	1709	1650	1685	1696
	<i>spyoM5_ChORF_J7578C</i>	<i>SpyoM5_ChORF_J7578C</i>				
SpM5_ChORFJ7578C-323_s_at	<i>e05.s1c_323</i>	<i>e05.s1c_323</i>	1708	1651	1669	1632
SpM1_ChORF0177_s_at	<i>spy0177</i>	<i>spy0177</i>	1565	1652	234	118
M12_0889_at	<i>M12_0889</i>	<i>M12_0889</i>	1664	1653	1662	1579
SpM1_ChORF0631_s_at	<i>agaV</i>	<i>spy0631</i>	1535	1654	1484	1379
SpM1_ChORF0178_s_at	<i>spy0178</i>	<i>spy0178</i>	1488	1655	184	82
SpM12_ChORF299-4_at	<i>spyoM12_ChORF_299_4</i>	<i>SpyoM12_ChORF_299_4</i>	1622	1656	1659	1629
SpM18_ChORF2254_s_at	<i>spyM18_2254</i>	<i>spyM18_2254</i>	1662	1657	1713	1734
SpyM3_1447_at	<i>spyM3_1447</i>	<i>SpyM3_1447</i>	1580	1658	1641	1526
SpM1_ChORF0555_s_at	<i>spy0555</i>	<i>spy0555</i>	1660	1659	1675	1592
SpM1_ChORF1453_s_at	<i>spy1453</i>	<i>spy1453</i>	1713	1660	1657	1601
M12_1772_x_at	<i>M12_1772</i>	<i>M12_1772</i>	1602	1661	1654	1556
SpM18_ChORF0736_s_at	<i>spyM18_0736</i>	<i>spyM18_0736</i>	1614	1662	1646	1537
SpM12_ChORF299-9_at	<i>spyoM12_ChORF_299_9</i>	<i>SpyoM12_ChORF_299_9</i>	1624	1663	1684	1691
SpM1_ChORF0629_s_at	<i>agaD</i>	<i>spy0629</i>	1641	1664	1497	1369
	<i>spyoM5_ChORF_4P31a0</i>	<i>SpyoM5_ChORF_4P31a0</i>				
SpM5_ChORF4P31a-8_s_at	<i>1.w2c2309_8</i>	<i>1.w2c2309_8</i>	1663	1665	1718	1671

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
	<i>spyoM5_ChrORF_J7578C</i>	<i>SpyoM5_ChrORF_J7578C</i>				
SpM5_ChORFJ7578C-260_s_at	<i>e05.s1c_260</i>	<i>e05.s1c_260</i>	1516	1666	1490	1461
SpM1_ChORF0103_s_at	<i>comYC</i>	<i>spy0103</i>	1858	1667	1738	1858
SpM1_ChORF0258_s_at	<i>spy0258</i>	<i>spy0258</i>	1636	1668	1334	592
M12_1769_at	<i>M12_1769</i>	<i>M12_1769</i>	1583	1669	1665	1539
SpM1_ChORF1596_s_at	<i>spy1596</i>	<i>spy1596</i>	1696	1670	1663	1661
	<i>spyoM12_ChrORF_299_4</i>	<i>SpyoM12_ChrORF_299_4</i>				
SpM12_ChORF299-44_at	<i>4</i>	<i>4</i>	1582	1671	1682	1650
SpM1_ChORF1075_at	<i>spy1075</i>	<i>spy1075</i>	1658	1672	1677	1549
SpM18_ChORF1329_s_at	<i>spyM18_1329</i>	<i>spyM18_1329</i>	1639	1673	1577	1465
SpM1_ChORF1558_s_at	<i>spy1558</i>	<i>spy1558</i>	1840	1674	1650	1647
	<i>spyoM12_ChrORF_286_2</i>	<i>SpyoM12_ChrORF_286_2</i>				
SpM12_ChORF286-28_s_at	<i>8</i>	<i>8</i>	1665	1675	1673	1725
SpM1_ChORF0135_at	<i>spy0135</i>	<i>spy0135</i>	1667	1676	1679	1615
SpM1_ChORF1473_s_at	<i>spy1473</i>	<i>spy1473</i>	1538	1677	1696	1699
SpM1_ChORF2088_s_at	<i>spy2088</i>	<i>spy2088</i>	1640	1678	1548	1161
SpM1_ChORF1615_s_at	<i>comFC</i>	<i>spy1615</i>	1666	1679	1692	1712
SpM1_ChORF0150_s_at	<i>ntpE</i>	<i>spy0150</i>	1634	1680	1538	1462
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-32_at	<i>_0_7585_32</i>	<i>_0_7585_32</i>	1730	1681	1668	1560
	<i>spyoM12_ChrORF_299_2</i>	<i>SpyoM12_ChrORF_299_2</i>				
SpM12_ChORF299-2_x_at	<i>spy2040</i>	<i>spy2040</i>	1613	1682	1691	1703
SpM1_ChORF2040_at	<i>spy2040</i>	<i>spy2040</i>	1595	1683	1700	1690
SpM1_ChORF1947_s_at	<i>spy1947</i>	<i>spy1947</i>	1633	1684	1595	1501
SpM1_ChORF2087_s_at	<i>spy2087</i>	<i>spy2087</i>	1621	1685	1532	1018
SpM12_ChORF291-40_s_at	<i>spyM18_2064</i>	<i>spyM18_2064</i>	1745	1686	1745	1801
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-31_at	<i>_0_7585_31</i>	<i>_0_7585_31</i>	1757	1687	1690	1604
SpM1_ChORF1610_s_at	<i>spy1610</i>	<i>spy1610</i>	1705	1688	1750	1837
SpM1_ChORF1856_s_at	<i>norA</i>	<i>spy1856</i>	270	1689	1803	1830
	<i>spyoM12_ChrORF_299_4</i>	<i>SpyoM12_ChrORF_299_4</i>				
SpM12_ChORF299-48_at	<i>8</i>	<i>8</i>	1809	1690	1748	1850
SpM1_ChORF0148_s_at	<i>ntpl</i>	<i>spy0148</i>	1543	1691	1478	1451
	<i>spyoM12_ChrORF_299_1</i>	<i>SpyoM12_ChrORF_299_1</i>				
SpM12_ChORF299-1_at	<i>spy1999</i>	<i>spy1999</i>	1625	1692	1686	1694
SpM1_ChORF1999_at	<i>spy1999</i>	<i>spy1999</i>	1596	1693	1636	1645
SpM1_ChORF2082_at	<i>hutU</i>	<i>spy2082</i>	1437	1694	1263	886
SpM1_ChORF0431_at	<i>spy0431</i>	<i>spy0431</i>	1704	1695	1811	1861
SpM49_ChORF7585-11_s_at	<i>spyM18_1495</i>	<i>spyM18_1495</i>	1563	1696	1688	1673
SpM1_ChORF1456_s_at	<i>spy1456</i>	<i>spy1456</i>	1747	1697	1720	1695
SpM18_ChORF0394_x_at	<i>spyM18_0394</i>	<i>spyM18_0394</i>	1851	1698	1764	1780
SpM1_ChORF1461_x_at	<i>spy1461</i>	<i>spy1461</i>	1673	1699	1714	1636
SpM1_ChORF0140_s_at	<i>spy0140</i>	<i>spy0140</i>	1725	1700	1557	1580
SpM12_ChORF295-23_s_at	<i>spy0255</i>	<i>spy0255</i>	1674	1701	1373	1041
	<i>spyoM12_ChrORF_299_8</i>	<i>SpyoM12_ChrORF_299_8</i>				
SpM12_ChORF299-8_s_at	<i>spy0535</i>	<i>spy0535</i>	1648	1702	1683	1685
SpM1_ChORF0535_s_at	<i>spy0535</i>	<i>spy0535</i>	1802	1703	1724	1822
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-6_at	<i>_0_7585_6</i>	<i>_0_7585_6</i>	1657	1704	1704	1711
SpM1_ChORF0300_s_at	<i>comX1.1</i>	<i>spy0300</i>	1786	1705	1783	1787
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-19_at	<i>_0_7585_19</i>	<i>_0_7585_19</i>	1659	1706	1660	1619
SpM18_ChORF1209_x_at	<i>spyM18_1209</i>	<i>spyM18_1209</i>	1691	1707	1755	1789
SpM1_ChORF0198_s_at	<i>spy0198</i>	<i>spy0198</i>	1785	1708	1733	1739
	<i>spyoM12_ChrORF_226_4</i>	<i>SpyoM12_ChrORF_226_4</i>				
SpM12_ChORF226-4_at	<i>spyM18_1786</i>	<i>spyM18_1786</i>	1669	1709	1785	1883
SpM18_ChORF1786_at	<i>spyM18_1786</i>	<i>spyM18_1786</i>	1740	1710	1708	1614
SpM18_ChORF1798_at	<i>spyM18_1798</i>	<i>spyM18_1798</i>	1646	1711	1666	1582
	<i>spyoM12_ChrORF_251_8</i>	<i>SpyoM12_ChrORF_251_8</i>				
SpM12_ChORF251-8_at	<i>spyM3_1432</i>	<i>SpyM3_1432</i>	1717	1712	1709	1689
SpyM3_1432_at	<i>spyM3_1432</i>	<i>SpyM3_1432</i>	1737	1713	1749	1810
SpM1_ChORF1950_s_at	<i>spy1950</i>	<i>spy1950</i>	1607	1714	1613	1512

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
	<i>spyoM12_ChrORF_300_5</i>	<i>SpyoM12_ChrORF_300_5</i>				
SpM1_ChORF0135_s_at	1	1	1707	1715	1739	1729
SpM18_ChORF0262_at	<i>spyM18_0262</i>	<i>spyM18_0262</i>	1838	1716	1882	1912
SpM1_ChORF0256_s_at	<i>spy0256</i>	<i>spy0256</i>	1681	1717	1428	1042
	<i>spyoM49_ChrORF_sp001_0_7585_3</i>	<i>SpyoM49_ChrORF_sp001_0_7585_3</i>				
SpM49_ChORF7585-3_at			1680	1718	1730	1638
	<i>spyoM12_ChrORF_299_4</i>	<i>SpyoM12_ChrORF_299_4</i>				
SpM12_ChORF299-47_s_at	7	7	1689	1719	1693	1622
SpM18_ChORF0635_s_at	<i>spyM18_0635</i>	<i>spyM18_0635</i>	1756	1720	1806	1820
SpM1_ChORF0031_s_at	<i>spy0031</i>	<i>spy0031</i>	1766	1721	1751	1738
	<i>spyoM12_ChrORF_296_2</i>	<i>SpyoM12_ChrORF_296_2</i>				
SpM12_ChORF296-2_s_at			1732	1722	1799	1760
SpM1_ChORF0105_s_at	<i>spy0105</i>	<i>spy0105</i>	1884	1723	1763	1845
	<i>spyoM5_ChrORF_4P31a0_1.w2c2309_19</i>	<i>SpyoM5_ChrORF_4P31a0_1.w2c2309_19</i>				
SpM5_ChORF4P31a-199_at			1754	1724	1736	1730
	<i>spyoM12_ChrORF_285_3</i>	<i>SpyoM12_ChrORF_285_3</i>				
SpM12_ChORF285-3_s_at			1743	1725	1727	1733
SpM1_ChORF0149_s_at	<i>ntpK</i>	<i>spy0149</i>	1686	1726	1612	1544
SpM18_ChORF1797_s_at	<i>spyM18_1797</i>	<i>spyM18_1797</i>	1654	1727	1681	1609
SpM1_ChORF2083_s_at	<i>spy2083</i>	<i>spy2083</i>	1521	1728	1393	970
SpM18_ChORF1715_at	<i>nadE</i>	<i>spyM18_1715</i>	1428	1729	1604	1496
	<i>spyoM12_ChrORF_300_5</i>	<i>SpyoM12_ChrORF_300_5</i>				
SpM12_ChORF300-50_s_at	0	0	1727	1730	1728	1746
SpM1_ChORF0556_s_at	<i>spy0556</i>	<i>spy0556</i>	1731	1731	1721	1616
	<i>spyoM12_ChrORF_256_1</i>	<i>SpyoM12_ChrORF_256_1</i>				
SpM12_ChORF256-17_at	7	7	1758	1732	1795	1804
M12_1752_at	M12_1752	M12_1752	1672	1733	1706	1683
	<i>spyoM49_ChrORF_sp001_0_7585_22</i>	<i>SpyoM49_ChrORF_sp001_0_7585_22</i>				
SpM49_ChORF7585-22_at			1790	1734	1737	1655
	<i>spyoM12_ChrORF_299_5</i>	<i>SpyoM12_ChrORF_299_5</i>				
SpM12_ChORF299-50_at	0	0	1803	1735	1760	1809
	<i>spyoM12_ChrORF_217_5</i>	<i>SpyoM12_ChrORF_217_5</i>				
SpM12_ChORF217-5_at			1706	1736	1725	1684
SpM1_ChORF0630_s_at	<i>agaW</i>	<i>spy0630</i>	1647	1737	1570	1511
	<i>spyoM5_ChrORF_270b10.p1t_7</i>	<i>SpyoM5_ChrORF_270b10.p1t_7</i>				
SpM5_ChORF270b-7_at			1710	1738	1698	1617
SpM1_ChORF1465_s_at	<i>spy1465</i>	<i>spy1465</i>	1728	1739	1731	1656
SpM1_ChORF1084_at	<i>srtT</i>	<i>spy1084</i>	1679	1740	1747	1764
	<i>spyoM12_ChrORF_299_1</i>	<i>SpyoM12_ChrORF_299_1</i>				
SpM12_ChORF299-10_at	0	0	1692	1741	1769	1775
	<i>spyoM5_ChrORF_125g01.q1ch_65</i>	<i>SpyoM5_ChrORF_125g01.q1ch_65</i>				
SpM5_ChORF125g-65_x_at			1712	1742	1732	1709
	<i>spyoM49_ChrORF_sp001_0_7585_21</i>	<i>SpyoM49_ChrORF_sp001_0_7585_21</i>				
SpM49_ChORF7585-21_at			1800	1743	1729	1667
	<i>spyoM5_ChrORF_270b10.p1t_135</i>	<i>SpyoM5_ChrORF_270b10.p1t_135</i>				
SpM5_ChORF270b-135_s_at			1739	1744	1716	1735
	<i>spyoM49_ChrORF_sp001_0_7585_24</i>	<i>SpyoM49_ChrORF_sp001_0_7585_24</i>				
SpM49_ChORF7585-24_at			1797	1745	1734	1682
SpM1_ChORF0534_s_at	<i>aroE.2</i>	<i>spy0534</i>	1861	1746	1753	1824
SpM1_ChORF1441_s_at	<i>spy1441</i>	<i>spy1441</i>	1733	1747	1756	1665
	<i>spyoM5_ChrORF_169a5.p1t_196</i>	<i>SpyoM5_ChrORF_169a5.p1t_196</i>				
SpM5_ChORF169a-196_at			1736	1748	1789	1792
SpM1_ChORF1460_s_at	<i>spy1460</i>	<i>spy1460</i>	1746	1749	1735	1663
	<i>spyoM12_ChrORF_249_1</i>	<i>SpyoM12_ChrORF_249_1</i>				
SpM12_ChORF249-1_at			1760	1750	1759	1705
	<i>spyoM12_ChrORF_293_4</i>	<i>SpyoM12_ChrORF_293_4</i>				
SpM12_ChORF293-41_s_at	1	1	1761	1751	1817	1853
SpM1_ChORF1468_s_at	<i>spy1468</i>	<i>spy1468</i>	1794	1752	1768	1749
	<i>spyoM49_ChrORF_sp001_0_7585_37</i>	<i>SpyoM49_ChrORF_sp001_0_7585_37</i>				
SpM49_ChORF7585-37_at			1773	1753	1715	1648
SpM1_ChORF2050_at	<i>spy2050</i>	<i>spy2050</i>	1702	1754	1574	1563
SpM1_ChORF0685_s_at	<i>spy0685</i>	<i>spy0685</i>	1721	1755	1762	1728

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM18_ChORF1303_at	<i>spyM18_1303</i>	<i>spyM18_1303</i>	1714	1756	1695	1642
SpM49_ChORF7585-9_at	<i>spyoM49_ChORF_sp001_0_7585_9</i>	<i>SpyoM49_ChORF_sp001_0_7585_9</i>	1678	1757	1757	1750
SpM12_ChORF298-25_s_at	<i>spyoM12_ChORF_298_2_5</i>	<i>SpyoM12_ChORF_298_2_5</i>	1744	1758	1740	1677
SpM12_ChORF299-49_at	<i>spyoM12_ChORF_299_4_9</i>	<i>SpyoM12_ChORF_299_4_9</i>	1862	1759	1801	1841
SpM49_ChORF7585-26_at	<i>spyoM49_ChORF_sp001_0_7585_26</i>	<i>SpyoM49_ChORF_sp001_0_7585_26</i>	1795	1760	1723	1718
SpM49_ChORF7585-17_at	<i>spyoM49_ChORF_sp001_0_7585_17</i>	<i>SpyoM49_ChORF_sp001_0_7585_17</i>	1764	1761	1722	1657
SpM18_ChORF1923_at	<i>spyM18_1923</i>	<i>spyM18_1923</i>	1784	1762	1856	1895
SpM12_ChORF280-10_s_at	<i>spyoM12_ChORF_280_1_0</i>	<i>SpyoM12_ChORF_280_1_0</i>	1781	1763	1828	1788
M12_1348_s_at	<i>M12_1348</i>	<i>M12_1348</i>	1810	1764	1767	1672
SpM1_ChORF0706_s_at	<i>spy0706</i>	<i>spy0706</i>	1771	1765	1744	1662
SpM1_ChORF1449_s_at	<i>spy1449</i>	<i>spy1449</i>	1836	1766	1808	1854
SpM49_ChORF1257-2_at	<i>spyoM49_ChORF_sp001_0_1257_2</i>	<i>SpyoM49_ChORF_sp001_0_1257_2</i>	1763	1767	1798	1848
SpM12_ChORF175-2_s_at	<i>spyoM12_ChORF_175_2</i>	<i>SpyoM12_ChORF_175_2</i>	1642	1768	1568	1554
SpM18_ChORF2161_s_at	<i>spy2103</i>	<i>spy2103</i>	1842	1769	1802	1867
SpM18_ChORF2020_at	<i>salk</i>	<i>spyM18_2020</i>	1688	1770	1835	1851
SpM5_ChORF270b-343_at	<i>spyoM5_ChORF_270b10.p1t_343</i>	<i>SpyoM5_ChORF_270b10.p1t_343</i>	1715	1771	1754	1670
SpM12_ChORF224-2_at	<i>spyoM12_ChORF_224_2</i>	<i>SpyoM12_ChORF_224_2</i>	1778	1772	1771	1701
SpM1_ChORF1455_s_at	<i>spy1455</i>	<i>spy1455</i>	1808	1773	1746	1681
SpM1_ChORF0676_s_at	<i>spy0676</i>	<i>spy0676</i>	1750	1774	1766	1679
SpM12_ChORF220-1_s_at	<i>spyoM12_ChORF_220_1</i>	<i>SpyoM12_ChORF_220_1</i>	1813	1775	1800	1803
SpM12_ChORF227-1_at	<i>spyoM12_ChORF_227_1</i>	<i>SpyoM12_ChORF_227_1</i>	1779	1776	1816	1770
SpyM3_1756_s_at	<i>spyM3_1756</i>	<i>SpyM3_1756</i>	1801	1777	1523	1603
SpM3_ChORF1118_s_at	<i>spyM3_1118</i>	<i>SpyM3_1118</i>	1690	1778	1782	1747
SpyM3_1824_at	<i>spyM3_1824</i>	<i>SpyM3_1824</i>	1769	1779	1786	1855
SpM49_ChORF7585-33_at	<i>spyoM49_ChORF_sp001_0_7585_33</i>	<i>SpyoM49_ChORF_sp001_0_7585_33</i>	1832	1780	1778	1771
SpM49_ChORF7585-2_at	<i>spyoM49_ChORF_sp001_0_7585_2</i>	<i>SpyoM49_ChORF_sp001_0_7585_2</i>	1694	1781	1770	1763
SpM1_ChORF0175_s_at	<i>spy0175</i>	<i>spy0175</i>	1623	1782	465	272
SpM49_ChORF7585-4_at	<i>spyoM49_ChORF_sp001_0_7585_4</i>	<i>SpyoM49_ChORF_sp001_0_7585_4</i>	1720	1783	1815	1817
SpyM3_1321_at	<i>spyM3_1321</i>	<i>SpyM3_1321</i>	1823	1784	1743	1727
SpM3_ChORF0391_at	<i>spyM3_0391</i>	<i>SpyM3_0391</i>	1819	1785	1794	1745
SpM49_ChORF7585-38_at	<i>spyoM49_ChORF_sp001_0_7585_38</i>	<i>SpyoM49_ChORF_sp001_0_7585_38</i>	1837	1786	1777	1762
SpM1_ChORF0180_s_at	<i>spy0180</i>	<i>spy0180</i>	1765	1787	1558	1413
SpM18_ChORF1301_at	<i>spyM18_1301</i>	<i>spyM18_1301</i>	1792	1788	1841	1833
SpM12_ChORF290-9_s_at	<i>spyoM12_ChORF_290_9</i>	<i>SpyoM12_ChORF_290_9</i>	1755	1789	1787	1732
SpM49_ChORF7585-39_at	<i>spyoM49_ChORF_sp001_0_7585_39</i>	<i>SpyoM49_ChORF_sp001_0_7585_39</i>	1805	1790	1790	1736
SpM18_ChORF0677_x_at	<i>spyM18_0677</i>	<i>spyM18_0677</i>	1834	1791	1822	1819
SpM12_ChORF299-38_at	<i>spyoM12_ChORF_299_3_8</i>	<i>SpyoM12_ChORF_299_3_8</i>	1719	1792	1772	1723
SpM1_ChORF0947_s_at	<i>spy0947</i>	<i>spy0947</i>	1685	1793	1824	1823
SpM5_ChORF270b-554_at	<i>spyoM5_ChORF_270b10.p1t_554</i>	<i>SpyoM5_ChORF_270b10.p1t_554</i>	1711	1794	1774	1759
SpM18_ChORF0607_s_at	<i>spyM18_0607</i>	<i>spyM18_0607</i>	1775	1795	1761	1756
SpM1_ChORF0547_s_at	<i>spy0547</i>	<i>spy0547</i>	1903	1796	1838	1825
SpM1_ChORF1462_x_at	<i>spy1462</i>	<i>spy1462</i>	1729	1797	1804	1752

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
	<i>spyoM5_ChrORF_J7578C</i>	<i>SpyoM5_ChrORF_J7578C</i>				
SpM5_ChORFJ7578C-298_at	<i>e05.s1c_298</i>	<i>e05.s1c_298</i>	1844	1798	1834	1856
SpM1_ChORF1451_s_at	<i>spy1451</i>	<i>spy1451</i>	1825	1799	1776	1693
SpM1_ChORF1459_s_at	<i>spy1459</i>	<i>spy1459</i>	1824	1800	1827	1835
SpM18_ChORF1803_at	<i>spyM18_1803</i>	<i>spyM18_1803</i>	1751	1801	1752	1666
SpM3_ChORF0967_at	<i>spyM3_0967</i>	<i>SpyM3_0967</i>	1655	1802	1807	1793
SpM18_ChORF1795_s_at	<i>spyM18_1795</i>	<i>spyM18_1795</i>	1767	1803	1765	1716
	<i>spyoM12_ChrORF_299_1</i>	<i>SpyoM12_ChrORF_299_1</i>				
SpM12_ChORF299-19_s_at	<i>9</i>	<i>9</i>	1722	1804	1832	1779
	<i>spyoM12_ChrORF_292_1</i>	<i>SpyoM12_ChrORF_292_1</i>				
SpM12_ChORF292-19_s_at	<i>9</i>	<i>9</i>	1807	1805	1784	1796
	<i>spyoM12_ChrORF_286_3</i>	<i>SpyoM12_ChrORF_286_3</i>				
SpM12_ChORF286-31_s_at	<i>1</i>	<i>1</i>	1828	1806	1805	1758
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF6658-4_s_at	<i>_0_6658_4</i>	<i>_0_6658_4</i>	1835	1807	1871	1890
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-25_at	<i>_0_7585_25</i>	<i>_0_7585_25</i>	1852	1808	1793	1785
	<i>spyoM5_ChrORF_125g01</i>	<i>SpyoM5_ChrORF_125g01</i>				
SpM5_ChORF125g-172_at	<i>q1ch_172</i>	<i>.q1ch_172</i>	1821	1809	1863	1829
	<i>spyoM5_ChrORF_125g01</i>	<i>SpyoM5_ChrORF_125g01</i>				
SpM5_ChORF125g-177_at	<i>q1ch_177</i>	<i>.q1ch_177</i>	1822	1810	1845	1857
SpM18_ChORF2063_at	<i>spyM18_2063</i>	<i>spyM18_2063</i>	1759	1811	1758	1862
M12_0056_at	<i>M12_0056</i>	<i>M12_0056</i>	1752	1812	1792	1754
	<i>spyoM5_ChrORF_125g01</i>	<i>SpyoM5_ChrORF_125g01</i>				
SpM5_ChORF125g-225_at	<i>q1ch_225</i>	<i>.q1ch_225</i>	1798	1813	1842	1826
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-35_at	<i>_0_7585_35</i>	<i>_0_7585_35</i>	1853	1814	1810	1808
	<i>spyoM12_ChrORF_298_2</i>	<i>SpyoM12_ChrORF_298_2</i>				
SpM12_ChORF298-21_at	<i>1</i>	<i>1</i>	1783	1815	1717	1713
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-7_at	<i>_0_7585_7</i>	<i>_0_7585_7</i>	1762	1816	1813	1772
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-23_at	<i>_0_7585_23</i>	<i>_0_7585_23</i>	1845	1817	1788	1773
SpM1_ChORF1484_s_at	<i>xis</i>	<i>spy1484</i>	1716	1818	1775	1719
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-8_at	<i>_0_7585_8</i>	<i>_0_7585_8</i>	1753	1819	1830	1798
	<i>spyoM12_ChrORF_267_1</i>	<i>SpyoM12_ChrORF_267_1</i>				
SpM12_ChORF267-18_at	<i>8</i>	<i>8</i>	1841	1820	1779	1781
	<i>spyoM5_ChrORF_270b10</i>	<i>SpyoM5_ChrORF_270b10</i>				
SpM5_ChORF270b-605_s_at	<i>p1t_605</i>	<i>.p1t_605</i>	1894	1821	1854	1807
SpM1_ChORF1454_s_at	<i>spy1454</i>	<i>spy1454</i>	1843	1822	1831	1791
SpM3_ChORF0986_x_at	<i>spyM3_0986</i>	<i>SpyM3_0986</i>	1789	1823	1853	1741
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-27_at	<i>_0_7585_27</i>	<i>_0_7585_27</i>	1854	1824	1796	1774
SpM1_ChORF0106_s_at	<i>comYD</i>	<i>spy0106</i>	1902	1825	1847	1892
	<i>spyoM12_ChrORF_294_6</i>	<i>SpyoM12_ChrORF_294_6</i>				
SpM12_ChORF294-6_s_at	<i>spyM3_1258</i>	<i>SpyM3_1258</i>	1826	1826	1812	1840
SpyM3_1258_at	<i>spyM3_1258</i>	<i>SpyM3_1258</i>	1791	1827	1773	1708
SpM1_ChORF1080_s_at	<i>srtI</i>	<i>spy1080</i>	1799	1828	1821	1761
M12_0466_at	<i>M12_0466</i>	<i>M12_0466</i>	1880	1829	1860	1909
SpM1_ChORF0142_s_at	<i>spy0142</i>	<i>spy0142</i>	1814	1830	1719	1700
SpM1_ChORF0677_s_at	<i>spy0677</i>	<i>spy0677</i>	1768	1831	1809	1742
SpM1_ChORF1088_at	<i>spy1088</i>	<i>spy1088</i>	1815	1832	1846	1864
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-28_at	<i>_0_7585_28</i>	<i>_0_7585_28</i>	1827	1833	1780	1802
SpM1_ChORF1474_s_at	<i>spy1474</i>	<i>spy1474</i>	1806	1834	1876	1842
SpM1_ChORF0628_s_at	<i>spyM18_0693</i>	<i>spyM18_0693</i>	1847	1835	1781	1721
	<i>spyoM49_ChrORF_sp001</i>	<i>SpyoM49_ChrORF_sp001</i>				
SpM49_ChORF7585-43_at	<i>_0_7585_43</i>	<i>_0_7585_43</i>	1830	1836	1839	1786
SpM1_ChORF1444_s_at	<i>spy1444</i>	<i>spy1444</i>	1833	1837	1826	1814
SpM1_ChORF1440_x_at	<i>spy1440</i>	<i>spy1440</i>	1863	1838	1848	1831

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM49_ChORF7585-29_at	<i>spyoM49_ChrORF_sp001_0_7585_29</i>	<i>SpyoM49_ChrORF_sp001_0_7585_29</i>	1856	1839	1814	1768
SpM1_ChORF0478_s_at	<i>spy0478</i>	<i>spy0478</i>	1892	1840	1892	1914
SpM5_ChORF270b-528_at	<i>spyoM5_ChrORF_270b10.p1t_528</i>	<i>SpyoM5_ChrORF_270b10.p1t_528</i>	1787	1841	1742	1778
SpM3_ChORF0388_s_at	<i>spy0545</i>	<i>spy0545</i>	1905	1842	1861	1859
SpM18_ChORF1493_at	<i>spyM18_1493</i>	<i>spyM18_1493</i>	1749	1843	1870	1878
SpM1_ChORF0565_s_at	<i>tnpA</i>	<i>spy0565</i>	1866	1844	1887	1888
SpM49_ChORF7585-42_at	<i>spyoM49_ChrORF_sp001_0_7585_42</i>	<i>SpyoM49_ChrORF_sp001_0_7585_42</i>	1868	1845	1850	1827
SpM49_ChORF7585-34_s_at	<i>spyoM49_ChrORF_sp001_0_7585_34</i>	<i>SpyoM49_ChrORF_sp001_0_7585_34</i>	1876	1846	1843	1844
SpM1_ChORF1479_s_at	<i>spy1479</i>	<i>spy1479</i>	1770	1847	1837	1783
SpM49_ChORF7585-20_at	<i>spyoM49_ChrORF_sp001_0_7585_20</i>	<i>SpyoM49_ChrORF_sp001_0_7585_20</i>	1857	1848	1825	1813
SpM1_ChORF0952_at	<i>spy0952</i>	<i>spy0952</i>	1718	1849	1852	1800
SpM1_ChORF2084_s_at	<i>spy2084</i>	<i>spy2084</i>	1631	1850	1539	1156
SpM3_ChORF0902_at	<i>spyM3_0902</i>	<i>SpyM3_0902</i>	1774	1851	1840	1839
SpM49_ChORF7585-18_at	<i>spyoM49_ChrORF_sp001_0_7585_18</i>	<i>SpyoM49_ChrORF_sp001_0_7585_18</i>	1882	1852	1820	1811
SpM5_ChORF275f-245_at	<i>spyoM5_ChrORF_275f02.p1cq_245</i>	<i>SpyoM5_ChrORF_275f02.p1cq_245</i>	1898	1853	1883	1907
SpM18_ChORF1162_s_at	<i>rnhB</i>	<i>spyM18_1162</i>	1908	1854	1875	1906
SpM18_ChORF1237_x_at	<i>spyM18_1237</i>	<i>spyM18_1237</i>	1829	1855	1791	1715
SpM1_ChORF1447_at	<i>spy1447</i>	<i>spy1447</i>	1878	1856	1864	1843
SpM3_ChORF0757_s_at	<i>spyM3_0757</i>	<i>SpyM3_0757</i>	1869	1857	1829	1767
M12_1862_s_at	<i>M12_1862</i>	<i>M12_1862</i>	1839	1858	1818	1869
SpyM3_1439_at	<i>spyM3_1439</i>	<i>SpyM3_1439</i>	1777	1859	1865	1836
SpM1_ChORF1457_s_at	<i>spy1457</i>	<i>spy1457</i>	1872	1860	1836	1821
SpM18_ChORF1498_x_at	<i>spyM18_1498</i>	<i>spyM18_1498</i>	1738	1861	1867	1852
SpM5_ChORF270b-69_s_at	<i>spyoM5_ChrORF_270b10.p1t_69</i>	<i>SpyoM5_ChrORF_270b10.p1t_69</i>	1910	1862	1797	1847
SpM5_ChORFJ7578C-142_s_at	<i>spyoM5_ChrORF_J7578C.e05.s1c_142</i>	<i>SpyoM5_ChrORF_J7578C.e05.s1c_142</i>	1891	1863	1857	1889
M12_1863_s_at	<i>M12_1863</i>	<i>M12_1863</i>	1846	1864	1851	1834
SpM1_ChORF1118_s_at	<i>radC</i>	<i>spy1118</i>	1881	1865	1823	1812
SpM12_ChORF257-16_s_at	<i>spyoM12_ChrORF_257_1_6</i>	<i>SpyoM12_ChrORF_257_1_6</i>	1860	1866	1868	1815
SpM1_ChORF1438_s_at	<i>spy1438</i>	<i>spy1438</i>	1874	1867	1849	1805
SpM1_ChORF1450_s_at	<i>spy1450</i>	<i>spy1450</i>	1873	1868	1844	1782
SpM12_ChORF299-3_s_at	<i>spyoM12_ChrORF_299_3</i>	<i>SpyoM12_ChrORF_299_3</i>	1816	1869	1859	1846
SpM12_ChORF297-3_s_at	<i>spyoM12_ChrORF_297_3</i>	<i>SpyoM12_ChrORF_297_3</i>	1848	1870	1872	1879
SpM1_ChORF1443_s_at	<i>spy1443</i>	<i>spy1443</i>	1870	1871	1833	1740
SpM3_ChORF0964_at	<i>spyM3_0964</i>	<i>SpyM3_0964</i>	1831	1872	1819	1797
SpM5_ChORF169a-232_at	<i>spyoM5_ChrORF_169a5.p1t_232</i>	<i>SpyoM5_ChrORF_169a5.p1t_232</i>	1875	1873	1893	1865
SpM12_ChORF289-43_s_at	<i>spyoM12_ChrORF_289_4_3</i>	<i>SpyoM12_ChrORF_289_4_3</i>	1850	1874	1874	1806
SpyM3_1303_at	<i>spyM3_1303</i>	<i>SpyM3_1303</i>	1888	1875	1873	1863
SpM12_ChORF296-1_s_at	<i>spyoM12_ChrORF_296_1</i>	<i>SpyoM12_ChrORF_296_1</i>	1865	1876	1888	1868
SpM1_ChORF1448_s_at	<i>spy1448</i>	<i>spy1448</i>	1887	1877	1858	1818
SpM12_ChORF262-4_s_at	<i>spyoM12_ChrORF_262_4</i>	<i>SpyoM12_ChrORF_262_4</i>	1877	1878	1862	1893
SpM12_ChORF265-2_s_at	<i>spyoM12_ChrORF_265_2</i>	<i>SpyoM12_ChrORF_265_2</i>	1867	1879	1902	1870
SpM1_ChORF1471_x_at	<i>spy1471</i>	<i>spy1471</i>	1811	1880	1886	1882
SpM12_ChORF247-14_s_at	<i>spyoM12_ChrORF_247_1_4</i>	<i>SpyoM12_ChrORF_247_1_4</i>	1885	1881	1881	1898
M12_0652_at	<i>M12_0652</i>	<i>M12_0652</i>	1883	1882	1855	1886

Probe Set Name *	Gene Name	Synonym	Rank 0 min	Rank 30 min	Rank 60 min	Rank 90 min
SpM1_ChORF0147_s_at	<i>spy0147</i>	<i>spy0147</i>	1726	1883	1676	1686
	<i>spyoM12_ChORF_284_4</i>	<i>SpyoM12_ChORF_284_4</i>				
SpM12_ChORF284-43_s_at	3	3	1886	1884	1869	1849
M12_0158_at	M12_0158	M12_0158	1855	1885	1885	1891
SpM1_ChORF0957_s_at	<i>spy0957</i>	<i>spy0957</i>	1776	1886	1889	1884
	<i>spyoM5_ChORF_125g01</i>	<i>SpyoM5_ChORF_125g01</i>				
SpM5_ChORF125g-147_at	<i>q1ch_147</i>	<i>.q1ch_147</i>	1864	1887	1866	1832
	<i>spyoM5_ChORF_J7578C</i>	<i>SpyoM5_ChORF_J7578C</i>				
SpM5_ChORFJ7578C-203_s_at	<i>e05.s1c_203</i>	<i>e05.s1c_203</i>	1780	1888	1884	1875
SpM18_ChORF0551_s_at	<i>silE</i>	<i>spyM18_0551</i>	1859	1889	1894	1896
	<i>spyoM5_ChORF_125g01</i>	<i>SpyoM5_ChORF_125g01</i>				
SpM5_ChORF125g-178_at	<i>q1ch_178</i>	<i>.q1ch_178</i>	1896	1890	1890	1908
SpM1_ChORF0953_s_at	<i>spy0953</i>	<i>spy0953</i>	1804	1891	1877	1828
	<i>spyoM12_ChORF_278_2</i>	<i>SpyoM12_ChORF_278_2</i>				
SpM12_ChORF278-26_s_at	6	6	1812	1892	1879	1874
SpM1_ChORF1478_s_at	<i>spy1478</i>	<i>spy1478</i>	1788	1893	1895	1872
SpM18_ChORF1591_s_at	<i>spyM18_1591</i>	<i>spyM18_1591</i>	1849	1894	1891	1871
	<i>spyoM49_ChORF_sp001</i>	<i>SpyoM49_ChORF_sp001</i>				
SpM49_ChORF7585-10_s_at	<i>_0_7585_10</i>	<i>_0_7585_10</i>	1817	1895	1900	1881
SpM12_ChORF262-1_s_at	<i>spyoM12_ChORF_262_1</i>	<i>SpyoM12_ChORF_262_1</i>	1900	1896	1906	1899
SpM12_ChORF262-3_s_at	<i>spyoM12_ChORF_262_3</i>	<i>SpyoM12_ChORF_262_3</i>	1899	1897	1901	1910
SpM1_ChORF2041_s_at	<i>spy2041</i>	<i>spy2041</i>	1904	1898	1905	1902
	<i>spyoM5_ChORF_169a5.p</i>	<i>SpyoM5_ChORF_169a5</i>				
SpM5_ChORF169a-227_s_at	<i>1t_227</i>	<i>p1t_227</i>	1890	1899	1896	1901
SpM1_ChORF1077_s_at	<i>spy1077</i>	<i>spy1077</i>	1871	1900	1878	1860
	<i>spyoM12_ChORF_257_1</i>	<i>SpyoM12_ChORF_257_1</i>				
SpM12_ChORF257-17_s_at	7	7	1897	1901	1898	1876
	<i>spyoM12_ChORF_288_4</i>	<i>SpyoM12_ChORF_288_4</i>				
SpM12_ChORF288-43_s_at	3	3	1907	1902	1912	1915
SpM18_ChORF0886_s_at	<i>epuA</i>	<i>spyM18_0886</i>	1889	1903	1910	1911
SpM18_ChORF1283_x_at	<i>spyM18_1283</i>	<i>spyM18_1283</i>	1906	1904	1899	1887
SpM1_ChORF0578_s_at	<i>spy0578</i>	<i>spy0578</i>	1901	1905	1903	1885
SpM3_ChORF1136_s_at	<i>spyM3_1136</i>	<i>SpyM3_1136</i>	1818	1906	1897	1903
SpM1_ChORF1957_s_at	<i>spy1957</i>	<i>spy1957</i>	1879	1907	1880	1877
M12_1829_s_at	M12_1829	M12_1829	1893	1908	1915	1917
SpM18_ChORF1789_s_at	<i>spyM18_1789</i>	<i>spyM18_1789</i>	1895	1909	1909	1880
SpM18_ChORF1460_s_at	<i>spyM18_1460</i>	<i>spyM18_1460</i>	1916	1910	1908	1900
SpyM3_1308_x_at	<i>spyM3_1308</i>	<i>SpyM3_1308</i>	1911	1911	1904	1873
SpM1_ChORF1452_s_at	<i>spy1452</i>	<i>spy1452</i>	1913	1912	1913	1897
M12_0138_s_at	M12_0138	M12_0138	1918	1913	1920	1918
	<i>spyoM5_ChORF_223b3.p</i>	<i>SpyoM5_ChORF_223b3</i>				
SpM5_ChORF223b-1_s_at	<i>1t_1</i>	<i>p1t_1</i>	1909	1914	1914	1894
SpM3_ChORF1098_at	<i>cadA</i>	<i>SpyM3_1098</i>	1912	1915	1911	1913
SpM3_ChORF1081_s_at	<i>spyM3_1081</i>	<i>SpyM3_1081</i>	1915	1916	1916	1904
SpM18_ChORF0453_at	<i>spyM18_0453</i>	<i>spyM18_0453</i>	1919	1917	1919	1916
	<i>spyoM5_ChORF_270b10</i>	<i>SpyoM5_ChORF_270b10</i>				
SpM5_ChORF270b-585_at	<i>p1t_585</i>	<i>.p1t_585</i>	1917	1918	1917	1919
SpM1_ChORF1532_s_at	<i>spy1532</i>	<i>spy1532</i>	1920	1919	1918	1920
SpM18_ChORF1790_s_at	<i>spyM18_1790</i>	<i>spyM18_1790</i>	1914	1920	1907	1905
SpM3_ChORF0954_s_at	<i>spyM3_0954</i>	<i>SpyM3_0954</i>	1921	1921	1921	1921
	<i>spyoM5_ChORF_270b10</i>	<i>SpyoM5_ChORF_270b10</i>				
SpM5_ChORF270b-141_at	<i>p1t_141</i>	<i>.p1t_141</i>	1923	1922	1923	1924
SpM1_ChORF0137_s_at	<i>atoE</i>	<i>spy0137</i>	1924	1923	1924	1925
SpM1_ChORF0628_at	<i>spy0628</i>	<i>spy0628</i>	1922	1924	1922	1922
SpM1_ChORF1087_s_at	<i>srtG</i>	<i>spy1087</i>	1925	1925	1925	1923

*Probe sets listed according to transcript rank (in ascending order), based on average WT expression estimates at time 30