

Table 1d

Pathway 'G1_to_S_cell_cycle_Reactome // GenMAPP' 39 genes in 457 annotated genes (genome-wide: 712254, p-value: 0.00000)			
probe set	gene	Accession	EntrezGene fold change
1421679_a_at	cyclin-dependent kinase inhibitor 1A (P21)	NM_007669	12575 15.66
1419979_s_at	cAMP responsive element binding protein 3	AU044960	12913 3.65
1417050_at	retinoblastoma 1	NM_009029	19645 3.17
1449152_at	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	AF059567	12579 2.5
1448836_at	E2F transcription factor 6	NM_033270	50496 2.31
1423605_a_at	transformed mouse 3T3 cell double minute 2	AJ-004719	17246 2.26
1449619_at	growth arrest and DNA-damage-inducible 45 alpha	NM_007636	13197 2.23
1427174_at	transcription factor Dip 2	BB406735	211586 2.31
1426538_a_at	transformation related protein 53	BB982014	22059 2.36
1448314_at	cell division cycle 2 homolog A (S. pombe)	NM_007669	12534 2.36
1448938_at	replication protein A3	NM_026632	68240 2.38
1417444_at	E2F transcription factor 5	BC003220	13559 2.96
1417947_at	proliferating cell nuclear antigen	BC010343	18538 2.97
1418481_at	protein kinase, membrane associated tyrosine/threonine 1	NM_023058	268930 2.97
1423293_at	replication protein A1	BM244983	68275 3
1435338_at	cyclin-dependent kinase 6	BM238926	12571 3.09
1418226_at	origin recognition complex, subunit 2-like (S. cerevisiae)	BB630976	18393 3.14
1415773_at	wee 1 homolog (S. pombe)	NM_009616	22390 3.46
1427094_at	polymerase (DNA directed), epsilon 2 (p59 subunit)	AF076689	18974 3.47
1418369_at	DNA primase, p49 subunit	JD4620	19075 3.72
1416492_at	cyclin E1	NM_007633	12447 3.75
1416214_at	minichromosome maintenance deficient 4 homolog (S. cerevisiae)	BC013094	17217 3.83
1417131_at	cell division cycle 25 homolog A (S. cerevisiae)	C76119	12530 3.86
1418036_a_at	DNA primase, p58 subunit	NM_008922	19076 3.89
1424156_at	retinoblastoma-like 1 (p107)	U27177	19650 3.98
1419943_s_at	cyclin B1	AU015121	256997 4.05
1448369_at	polymerase (DNA directed), alpha 2	NM_008893	18969 4.18
1416251_at	minichromosome maintenance deficient 5 (MIS5 homolog, S. pombe) (S. cerevisiae)	NM_008567	17219 4.39
1424079_s_at	minichromosome maintenance deficient 2 mitotin (S. cerevisiae)	BB693415	17216 4.87
1416076_at	cyclin B1	NM_007629	12429 /// 268697 5.28
1417037_at	origin recognition complex, subunit 6-like (S. cerevisiae)	NM_019176	56452 5.36
1416433_at	replication protein A2	BC004578	19891 5.73
1422536_at	cyclin E2	AF091432	12448 6.51
1422663_at	origin recognition complex, subunit 1-like (S. cerevisiae)	BC015073	18392 6.57
1416030_a_at	minichromosome maintenance deficient 7 (S. cerevisiae)	NM_008568	17220 6.86
1416575_at	cell division cycle 45 homolog (S. cerevisiae)-like	NM_009862	12544 7.23
1415945_at	minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae)	NM_009566	17218 7.79
1420026_s_at	minichromosome maintenance deficient 3 (S. cerevisiae)	CC0350	17215 9.74
1448650_a_at	polymerase (DNA directed), epsilon	NM_011132	18973 9.89