

# Table 1c

Pathway DNA_replication_Reactome // GenMAPP <sup>3</sup> 34 genes in 457 annotated genes (genome-wide: 42,2254, p-value: 0.000000)				
probe set	gene	Accession	EntrezGene	fold change
1451920_a_at	replication factor C 1	M88489	19687	-2.16
1448938_at	replication protein A3	NM_026632	68240	-2.38
1426838_at	polymerase (DNA-directed), delta 3, accessory subunit	AI-010805	67967	-2.85
1417947_at	proliferating cell nuclear antigen	BC010343	18538	-2.97
1423293_at	replication protein A1	BM244983	68275	-3
1418226_at	origin recognition complex, subunit 2-like (S. cerevisiae)	BB830976	18393	-3.14
1427094_at	polymerase (DNA directed), epsilon 2 (p59 subunit)	AF036698	18974	-3.47
1418369_at	DNA primase, p49 subunit	J04620	19075	-3.72
1417933_at	replication factor C (activator 1) 2	NM_020022	19718	-3.73
1416214_at	minichromosome maintenance deficient 4 homolog (S. cerevisiae)	BC013024	17217	-3.83
1418035_a_at	DNA primase, p59 subunit	NM_008922	19076	-3.89
1448369_at	polymerase (DNA directed), alpha 2	NM_008893	18969	-4.18
1448277_at	polymerase (DNA directed), delta 2, regulatory subunit	NM_008994	18972	-4.32
1416251_at	minichromosome maintenance deficient 6 (MIS6 homolog, S. pombe) (S. cerevisiae)	NM_008567	17219	-4.39
1426002_a_at	cell division cycle 7 (S. cerevisiae)	AB018574	12545	-4.46
1434079_s_at	minichromosome maintenance deficient 2 mitotin (S. cerevisiae)	BB699415	17216	-4.97
1417037_at	origin recognition complex, subunit 6-like (S. cerevisiae)	NM_019716	56452	-5.36
1448187_at	polymerase (DNA directed), delta 1, catalytic subunit	BC009126	18971	-5.56
1433406_a_at	minichromosome maintenance deficient 10 (S. cerevisiae)	AI-010648	70024	-5.71
1416433_at	replication protein A2	BC004678	18991	-5.73
1424321_at	replication factor C (activator 1) 4	BC003336	106344	-6
1419397_at	polymerase (DNA directed), alpha 1	NM_008892	18968	-6.22
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
1452917_at	replication factor C (activator 1) 5	AI-011489	72151	-7.07
1423700_at	replication factor C (activator 1) 3	BC026796	68263	-7.12
1416675_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_008566	17218	-7.79
1418334_at	expressed sequence AA545217	NM_013726	27214	-8.14
1420026_s_at	minichromosome maintenance deficient 3 (S. cerevisiae)	CB0360	17216	-9.74
1446950_a_at	polymerase (DNA directed), epsilon	NM_011132	18973	-9.89
1424143_a_at	retroviral integration site 2	AF47481	67177	-9.96
1417506_at	geminin	NM_020567	57441	-11.43
1417019_a_at	cell division cycle 6 homolog (S. cerevisiae)	NM_011799	28834	-12.5