

Index	termID	termName	SetSize	GSEA	DAVID DIRECT	DAVID ALL	g:profiler	Metacore
1	GO:0022402	cell cycle process	1422	1		1	1	3
2	GO:1903047	mitotic cell cycle process*	880			3	2	4
3	GO:0007049	cell cycle	1881	2	50	4	3	1
4	GO:0000278	mitotic cell cycle	1053	3		2	4	2
5	GO:0051276	chromosome organization	1253	4		6	6	5
6	GO:0006259	DNA metabolic process	943	5	43	5	5	6
7	GO:0006260	DNA replication	273	7	1	7	7	8
8	GO:0044772	mitotic cell cycle phase transition*	432			9	9	14
9	GO:0044770	cell cycle phase transition	647	6		8	8	11
10	GO:0006974	cellular response to DNA damage stimulus	865	8	17	12	10	7
11	GO:0006139	nucleobase-containing compound metabolic process*	3616			20	20	9
12	GO:0090304	nucleic acid metabolic process*	2955			17	24	10
13	GO:0006281	DNA repair	563	9	7	15	11	16
14	GO:0007067	mitotic nuclear division*	217		6	18		45
15	GO:0051726	regulation of cell cycle	1226	10		23	16	17
16	GO:0000082	G1/S transition of mitotic cell cycle*	221		2		30	47
17	GO:0051301	cell division	603	12	3	19	17	32
18	GO:0006270	DNA replication initiation	39	57	8	66	73	96
19	GO:0006297	nucleotide-excision repair, DNA gap filling	23	61	9	61	68	111
20	GO:0007062	sister chromatid cohesion	63	73	5	35	84	113
21	GO:1901796	regulation of signal transduction by p53 class mediator	180	71	10	71	104	102
22	GO:0000722	telomere maintenance via recombination	13		4	30	327	372

*not in msigdb, set size derived from Metacore
Note: iPG pval ties, IPA does not segregate GO:BP