


















Annotation Cluster 1		Enrichment Score: 15.12		Count	P_Value	Fold Enrichment	Benjamini
GOTERM_BP_ALL	mitosis	RT		37	4.4E-22	8	2.3E-18
GOTERM_BP_ALL	M phase of mitotic cell cycle	RT		37	5.9E-22	7.9	1.6E-18
SP_PIR_KEYWORDS	mitosis	RT		28	1.3E-20	11.2	1.4E-17
GOTERM_BP_ALL	mitotic cell cycle	RT		40	9.5E-20	6.2	1.7E-16
GOTERM_BP_ALL	M phase	RT		38	1.6E-19	6.5	2.1E-16
SP_PIR_KEYWORDS	cell division	RT		31	2.4E-18	8	1.3E-15
GOTERM_BP_ALL	cell cycle phase	RT		39	3.3E-17	5.4	3.5E-14
SP_PIR_KEYWORDS	cell cycle	RT		40	2.0E-16	5	7.9E-14
GOTERM_BP_ALL	cell division	RT		32	2.8E-16	6.4	1.9E-13
GOTERM_BP_ALL	cell cycle process	RT		51	7.8E-14	3.3	5.9E-11
GOTERM_BP_ALL	cell cycle	RT		56	1.1E-13	3.1	7.2E-11
GOTERM_BP_ALL	regulation of progression through cell cycle	RT		32	1.1E-7	3	5.2E-5
GOTERM_BP_ALL	regulation of cell cycle	RT		32	1.2E-7	3	5.4E-5
GOTERM_CC_ALL	microtubule cytoskeleton	RT		26	8.0E-7	3.2	7.7E-5
Annotation Cluster 2		Enrichment Score: 5.85		Count	P_Value	Fold Enrichment	Benjamini
GOTERM_CC_ALL	spindle	RT		14	4.9E-9	8.9	2.1E-6
GOTERM_CC_ALL	microtubule cytoskeleton	RT		26	8.0E-7	3.2	7.7E-5
GOTERM_CC_ALL	cytoskeletal part	RT		29	7.1E-4	2	2.9E-2

Fig. S1