

Pathway	Enrichment factor	P-value
CENP-A NAC-CAD complex (MIPS)	16.2	<0.001
PLK1 pathway (PID)	6.85	<0.001
Asthma (KEGG)	12.1	0.002
Cell adhesion molecules (KEGG)	3.53	0.002
Viral myocarditis (KEGG)	4.31	0.003
Allograft rejection (KEGG)	5.94	0.004
Mitotic prometaphase (Reactome)	3.66	0.006
Autoimmune thyroid disease (KEGG)	5.40	0.006
Graft versus host disease (KEGG)	5.40	0.006
GA13_PATHWAY (STKE)	5.24	0.007
Antigen processing and presentation (KEGG)	3.98	0.008
Type I Diabetes Mellitus (KEGG)	4.95	0.008