

GO id	Term	Annot. genes	Sign. genes	Expected	P-value	Adj. P-value
GO:0003676	nucleic acid binding	485	155	110.85	1.7e-07	0.0000
GO:0004386	helicase activity	90	40	20.57	3.2e-06	0.0002
GO:0008026	ATP-dependent helicase activity	60	28	13.71	3.4e-05	0.0008
GO:0070035	purine NTP-dependent helicase activity	60	28	13.71	3.4e-05	0.0008
GO:0005488	binding	1845	451	421.67	1.1e-03	0.0220
GO:1901363	heterocyclic compound binding	1040	267	237.69	3.0e-03	0.0457
GO:0097159	organic cyclic compound binding	1041	267	237.92	3.2e-03	0.0457
GO:0042623	ATPase activity, coupled	108	37	24.68	3.9e-03	0.0487
GO:0016887	ATPase activity	129	42	29.48	6.1e-03	0.0678