a) GO Enrichment Analysis

Displaying only results with P<0.05; click here to display all results

	Caenorhabditis elegans (REF)	Client Text Box Input (Δ Hierarchy NEW!)				
PANTHER GO-Slim Biological Process	#	#	expected	Fold Enrichment	+/-	P value
Unclassified	12877	745	925.08	.81	-	0.00E00
translation	362	46	26.01	1.77	+	4.19E-02
↳protein metabolic process	1879	246	134.99	1.82	+	1.16E-17
↳primary metabolic process	4498	603	323.14	1.87	+	6.74E-58
↳metabolic process	5383	697	386.71	1.80	+	6.88E-65
sensory perception	454	59	32.62	1.81	+	3.14E-03
↳neurological system process	631	116	45.33	2.56	+	4.50E-17
↳system process	887	183	63.72	2.87	+	4.45E-34
↳single-multicellular organism process	956	196	68.68	2.85	+	2.39E-36
↳multicellular organismal process	956	196	68.68	2.85	+	2.39E-36
cellular protein modification process	904	123	64.94	1.89	+	5.36E-09
regulation of transcription from RNA polymerase II promoter	695	95	49.93	1.90	+	8.54E-07
↳transcription from RNA polymerase II promoter	893	115	64.15	1.79	+	5.34E-07
↳transcription, DNA-dependent	928	123	66.67	1.84	+	2.64E-08
↳RNA metabolic process	1258	160	90.37	1.77	+	8.08E-10
↳nucleobase-containing compound metabolic process	1936	247	139.08	1.78	+	2.25E-16
↳regulation of nucleobase-containing compound metabolic process	826	116	59.34	1.95	+	3.13E-09
↳regulation of biological process	1619	213	116.31	1.83	+	3.53E-15
↳biological regulation	2130	326	153.02	2.13	+	6.25E-37
response to stress	370	53	26.58	1.99	+	6.24E-04

b) TEA