

ID	PANTHER_GO-Slim_Biological_Process	D.melanogaster-REFLIST(13690)	HeliconiusSet(959)
1	pentose-phosphate_shunt(GO:0006098)	7	9
2	peroxisomal_transport(GO:0043574)	14	8
3	vitamin_biosynthetic_process(GO:0009110)	27	9
4	cellular_amino_acid_biosynthetic_process(C	61	20
5	respiratory_electron_transport_chain(GO:00	238	64
6	DNA_replication(GO:0006260)	86	23
7	vitamin_transport(GO:0051180)	50	13
8	generation_of_precursor_metabolites_and_	287	64
9	protein_glycosylation(GO:0006486)	98	21
10	DNA_metabolic_process(GO:0006259)	232	46
11	proteolysis(GO:0006508)	606	111
12	steroid_metabolic_process(GO:0008202)	159	26
13	primary_metabolic_process(GO:0044238)	4149	355
14	Unclassified(UNCLASSIFIED)	7319	529
15	cellular_process(GO:0009987)	2878	134
16	biological_regulation(GO:0065007)	1560	69
17	RNA_metabolic_process(GO:0016070)	1039	41
18	cell_communication(GO:0007154)	914	35
19	transcription,_DNA-dependent(GO:0006351	729	27
20	regulation_of_biological_process(GO:00507	1104	35
21	developmental_process(GO:0032502)	546	17
22	phosphate-containing_compound_metaboli	539	16
23	response_to_stimulus(GO:0050896)	739	19
24	translation(GO:0006412)	387	9
25	response_to_stress(GO:0006950)	285	4
26	immune_system_process(GO:0002376)	288	4
27	protein_phosphorylation(GO:0006468)	266	2

HeliconiusSet(expected)	(observed-expected)/expected	HeliconiusSet(over/under)	HeliconiusSet(foldEnrichment)	HeliconiusSet
0,49		17,36734694 +	18.35	5.40E-07
0,98		7,163265306 +	8.16	1.67E-03
1,89		3,761904762 +	4.76	2.96E-02
4,27		3,683840749 +	4.68	5.01E-06
16,67		2,839232154 +	3.84	5.72E-17
6,02		2,820598007 +	3.82	1.79E-05
3,5		2,714285714 +	3.71	1.41E-02
20,1		2,184079602 +	3.18	3.74E-13
6,87		2,056768559 +	3.06	1.90E-03
16,25		1,830769231 +	2.83	1.46E-07
42,45		1,614840989 +	2.61	2.33E-17
11,14		1,333931777 +	2.33	1.71E-02
290,64		0,221442334 +	1.22	9.94E-04
512,7		0,031792471 +	1.03	0.00E00
201,61		-0,335350429 -	.66	2.46E-06
109,28		-0,368594436 -	.63	1.75E-03
72,78		-0,436658423 -	.56	3.84E-03
64,03		-0,453381228 -	.55	6.37E-03
51,07		-0,471313883 -	.53	2.26E-02
77,34		-0,547452806 -	.45	3.87E-06
38,25		-0,555555556 -	.44	1.44E-02
37,76		-0,576271186 -	.42	8.12E-03
51,77		-0,63299208 -	.37	1.65E-05
27,11		-0,668019181 -	.33	8.62E-03
19,96		-0,799599198 -	.20	2.92E-03
20,17		-0,801685672 -	0.2	2.45E-03
18,63		-0,892646269 -	0.2	2.59E-04

t(P-value)