Term	Annotated	Significant	Expected	Rank in classic Fisher	classic Fisher	elimFisher
response to stimulus	10	7	2.43	1	0.0018	0.114
response to stress	4	4	0.97	2	0.003	0.003
catabolic process	5	4	1.22	3	0.0122	0.0122
cell communication	3	3	0.73	4	0.0133	0.0133
lipid metabolic process	9	5	2.19	5	0.0375	0.0375
cellular component organization	4	3	0.97	6	0.0442	0.0442
peptidoglycan metabolic process	2	2	0.49	7	0.0577	0.0577
membrane lipid metabolic process	2	2	0.49	8	0.0577	0.0577
phospholipid metabolic process	2	2	0.49	9	0.0577	0.0577
sphingolipid metabolic process	2	2	0.49	10	0.0577	0.0577
sphingomyelin metabolic process	2	2	0.49	11	0.0577	0.0577
sphingomyelin catabolic process	2	2	0.49	12	0.0577	0.0577
defense response	2	2	0.49	13	0.0577	0.0577
ER-nuclear signaling pathway	2	2	0.49	14	0.0577	0.0577
response to unfolded protein	2	2	0.49	15	0.0577	0.0577
cell wall organization	2	2	0.49	16	0.0577	0.0577
signal transduction	2	2	0.49	17	0.0577	0.0577
intracellular signaling cascade	2	2	0.49	18	0.0577	0.0577
peptidoglycan catabolic process	2	2	0.49	19	0.0577	0.0577
phospholipid catabolic process	2	2	0.49	20	0.0577	0.0577
response to biotic stimulus	2	2	0.49	21	0.0577	0.0577
lipid catabolic process	2	2	0.49	22	0.0577	0.0577
cell wall catabolic process	2	2	0.49	23	0.0577	0.0577
sphingolipid catabolic process	2	2	0.49	24	0.0577	0.0577
endoplasmic reticulum unfolded protein r...	2	2	0.49	25	0.0577	0.0577
cellular response to stress	2	2	0.49	26	0.0577	0.0577
cellular response to unfolded protein	2	2	0.49	27	0.0577	0.0577
response to endoplasmic reticulum stress	2	2	0.49	28	0.0577	0.0577
response to chemical stimulus	2	2	0.49	29	0.0577	0.0577
cell wall metabolic process	2	2	0.49	30	0.0577	0.0577
cellular lipid catabolic process	2	2	0.49	31	0.0577	0.0577
cellular catabolic process	2	2	0.49	32	0.0577	0.0577
external encapsulating structure organiz...	2	2	0.49	33	0.0577	0.0577
membrane lipid catabolic process	2	2	0.49	34	0.0577	0.0577
cellular response to stimulus	2	2	0.49	35	0.0577	0.0577
response to protein stimulus	2	2	0.49	36	0.0577	0.0577
reproductive process	7	4	1.7	37	0.0587	0.0587
cellular lipid metabolic process	5	3	1.22	38	0.0921	0.0921
carbohydrate catabolic process	3	2	0.73	39	0.1465	0.1465
carbohydrate metabolic process	6	3	1.46	40	0.1538	0.1538
behavior	6	3	1.46	41	0.1538	0.1538
oviposition	6	3	1.46	42	0.1538	0.1538
reproductive behavior	6	3	1.46	43	0.1538	0.1538
multicellular organism reproduction	6	3	1.46	44	0.1538	0.1538
reproductive behavior in a multicellular...	6	3	1.46	45	0.1538	0.1538
reproductive process in a multicellular ...	6	3	1.46	46	0.1538	0.1538
reproduction	13	5	3.17	47	0.1775	0.1775
anatomical structure development	7	3	1.7	48	0.2251	0.2251
gastrulation with mouth forming first	1	1	0.24	49	0.2435	0.2435
monosaccharide metabolic process	1	1	0.24	50	0.2435	0.2435
fucose metabolic process	1	1	0.24	51	0.2435	0.2435
L-fucose biosynthetic process	1	1	0.24	52	0.2435	0.2435
mannose metabolic process	1	1	0.24	53	0.2435	0.2435
cellular alcohol metabolic process	1	1	0.24	54	0.2435	0.2435
protein folding	1	1	0.24	55	0.2435	0.2435
fatty acid biosynthetic process	1	1	0.24	56	0.2435	0.2435
phosphate transport	1	1	0.24	57	0.2435	0.2435
anion transport	1	1	0.24	58	0.2435	0.2435
gastrulation	1	1	0.24	59	0.2435	0.2435
lipid biosynthetic process	1	1	0.24	60	0.2435	0.2435
nucleotide-sugar metabolic process	1	1	0.24	61	0.2435	0.2435
nucleotide-sugar biosynthetic process	1	1	0.24	62	0.2435	0.2435
inorganic anion transport	1	1	0.24	63	0.2435	0.2435
carbohydrate biosynthetic process	1	1	0.24	64	0.2435	0.2435
organic acid biosynthetic process	1	1	0.24	65	0.2435	0.2435
protein processing	1	1	0.24	66	0.2435	0.2435
intein-mediated protein splicing	1	1	0.24	67	0.2435	0.2435
molting cycle, protein-based cuticle	1	1	0.24	68	0.2435	0.2435
molting cycle, collagen and cuticulin-ba...	1	1	0.24	69	0.2435	0.2435
hexose metabolic process	1	1	0.24	70	0.2435	0.2435
hexose biosynthetic process	1	1	0.24	71	0.2435	0.2435
GDP-mannose metabolic process	1	1	0.24	72	0.2435	0.2435
protein splicing	1	1	0.24	73	0.2435	0.2435
cellular carbohydrate biosynthetic proce...	1	1	0.24	74	0.2435	0.2435

Term	Annotated	Significant	Expected	Rank in classic Fisher	classic Fisher	elimFisher
multicellular organism growth	1	1	0.24	75	0.2435	0.2435
regulation of multicellular organism gro...	1	1	0.24	76	0.2435	0.2435
positive regulation of multicellular org...	1	1	0.24	77	0.2435	0.2435
molting cycle	1	1	0.24	78	0.2435	0.2435
GDP-L-fucose biosynthetic process	1	1	0.24	79	0.2435	0.2435
fucose biosynthetic process	1	1	0.24	80	0.2435	0.2435
L-fucose metabolic process	1	1	0.24	81	0.2435	0.2435
cellular carbohydrate metabolic process	1	1	0.24	82	0.2435	0.2435
alcohol biosynthetic process	1	1	0.24	83	0.2435	0.2435
monosaccharide biosynthetic process	1	1	0.24	84	0.2435	0.2435
GDP-L-fucose metabolic process	1	1	0.24	85	0.2435	0.2435
carboxylic acid biosynthetic process	1	1	0.24	86	0.2435	0.2435
embryonic morphogenesis	1	1	0.24	87	0.2435	0.2435
regulation of multicellular organismal p...	1	1	0.24	88	0.2435	0.2435
positive regulation of multicellular org...	1	1	0.24	89	0.2435	0.2435
oxidation reduction	1	1	0.24	90	0.2435	0.2435
primary metabolic process	41	12	9.98	91	0.244	0.244
cellular process	46	13	11.2	92	0.2806	0.2806
anatomical structure morphogenesis	5	2	1.22	93	0.3532	0.3532
regulation of cellular process	5	2	1.22	94	0.3532	0.3532
reproductive developmental process	2	1	0.49	95	0.4293	0.4293
DNA packaging	2	1	0.49	96	0.4293	0.4293
establishment or maintenance of chromati...	2	1	0.49	97	0.4293	0.4293
chromatin assembly or disassembly	2	1	0.49	98	0.4293	0.4293
nucleosome assembly	2	1	0.49	99	0.4293	0.4293
organelle organization	2	1	0.49	100	0.4293	0.4293
sex differentiation	2	1	0.49	101	0.4293	0.4293
cellular component assembly	2	1	0.49	102	0.4293	0.4293
chromatin assembly	2	1	0.49	103	0.4293	0.4293
cellular macromolecular complex subunit ...	2	1	0.49	104	0.4293	0.4293
cellular macromolecular complex assembly	2	1	0.49	105	0.4293	0.4293
nucleosome organization	2	1	0.49	106	0.4293	0.4293
hermaphrodite genitalia development	2	1	0.49	107	0.4293	0.4293
post-translational protein modification	2	1	0.49	108	0.4293	0.4293
macromolecular complex subunit organizat...	2	1	0.49	109	0.4293	0.4293
organ development	2	1	0.49	110	0.4293	0.4293
system development	2	1	0.49	111	0.4293	0.4293
genitalia development	2	1	0.49	112	0.4293	0.4293
chromosome organization	2	1	0.49	113	0.4293	0.4293
macromolecular complex assembly	2	1	0.49	114	0.4293	0.4293
protein-DNA complex assembly	2	1	0.49	115	0.4293	0.4293
multicellular organismal process	39	10	9.5	116	0.4941	0.4941
growth	23	6	5.6	117	0.5101	0.5101
aging	11	3	2.68	118	0.5307	0.5307
determination of adult life span	11	3	2.68	119	0.5307	0.5307
multicellular organismal aging	11	3	2.68	120	0.5307	0.5307
protein modification process	3	1	0.73	121	0.5707	0.5707
fatty acid metabolic process	3	1	0.73	122	0.5707	0.5707
ion transport	3	1	0.73	123	0.5707	0.5707
body morphogenesis	3	1	0.73	124	0.5707	0.5707
biopolymer modification	3	1	0.73	125	0.5707	0.5707
regulation of growth	20	5	4.87	126	0.5711	0.5711
positive regulation of growth	20	5	4.87	127	0.5711	0.5711
positive regulation of biological proces...	20	5	4.87	128	0.5711	0.5711
monocarboxylic acid metabolic process	4	1	0.97	129	0.678	0.678
multicellular organismal development	35	8	8.52	130	0.6804	0.6804
cellular metabolic process	35	8	8.52	131	0.6804	0.6804
regulation of biological process	23	5	5.6	132	0.718	0.718
protein metabolic process	19	4	4.63	133	0.7378	0.7378
regulation of growth rate	19	4	4.63	134	0.7378	0.7378
positive regulation of growth rate	19	4	4.63	135	0.7378	0.7378
cellular protein metabolic process	19	4	4.63	136	0.7378	0.7378
developmental process	37	8	9.01	137	0.7559	0.7559
biological regulation	24	5	5.84	138	0.759	0.759
nematode larval development	5	1	1.22	139	0.7592	0.7592
larval development	5	1	1.22	140	0.7592	0.7592
post-embryonic development	5	1	1.22	141	0.7592	0.7592
proteolysis	15	3	3.65	142	0.7645	0.7645
biosynthetic process	11	2	2.68	143	0.8032	0.8032
locomotion	11	2	2.68	144	0.8032	0.8032
cellular biosynthetic process	11	2	2.68	145	0.8032	0.8032
organic acid metabolic process	6	1	1.46	146	0.8205	0.8205
carboxylic acid metabolic process	6	1	1.46	147	0.8205	0.8205
metabolic process	56	12	13.63	148	0.8232	0.8232

Term	Annotated	Significant	Expected	Rank in classic Fisher	classic Fisher	elim Fisher
transport	17	3	4.14	149	0.8423	0.8423
localization	17	3	4.14	150	0.8423	0.8423
establishment of localization	17	3	4.14	151	0.8423	0.8423
cellular biopolymer metabolic process	22	4	5.36	152	0.8479	0.8479
cellular macromolecule metabolic process	22	4	5.36	153	0.8479	0.8479
nucleobase, nucleoside, nucleotide and n...	7	1	1.7	154	0.8666	0.8666
macromolecule metabolic process	23	4	5.6	155	0.8753	0.8753
biopolymer metabolic process	23	4	5.6	156	0.8753	0.8753
embryonic development	18	2	4.38	157	0.9668	0.9668
embryonic development ending in birth or...	17	1	4.14	158	0.9943	0.9943
biological_process	115	28	28	159	1	1
transition metal ion transport	1	0	0.24	160	1	1
M phase	1	0	0.24	161	1	1
cell fate specification	1	0	0.24	162	1	1
morphogenesis of an epithelium	1	0	0.24	163	1	1
polysaccharide metabolic process	1	0	0.24	164	1	1
chitin metabolic process	1	0	0.24	165	1	1
chitin catabolic process	1	0	0.24	166	1	1
amino sugar metabolic process	1	0	0.24	167	1	1
glucosamine metabolic process	1	0	0.24	168	1	1
glucosamine catabolic process	1	0	0.24	169	1	1
N-acetylglucosamine metabolic process	1	0	0.24	170	1	1
N-acetylglucosamine catabolic process	1	0	0.24	171	1	1
purine base metabolic process	1	0	0.24	172	1	1
purine nucleotide metabolic process	3	0	0.73	173	1	1
purine nucleotide biosynthetic process	3	0	0.73	174	1	1
IMP biosynthetic process	3	0	0.73	175	1	1
'de novo' IMP biosynthetic process	2	0	0.49	176	1	1
transcription	3	0	0.73	177	1	1
transcription, DNA-dependent	3	0	0.73	178	1	1
regulation of transcription, DNA-depende...	3	0	0.73	179	1	1
translation	1	0	0.24	180	1	1
protein amino acid phosphorylation	1	0	0.24	181	1	1
protein amino acid glycosylation	1	0	0.24	182	1	1
cellular amino acid and derivative metab...	2	0	0.49	183	1	1
amino acid metabolic process	2	0	0.49	184	1	1
asparagine metabolic process	1	0	0.24	185	1	1
asparagine biosynthetic process	1	0	0.24	186	1	1
glutamine metabolic process	1	0	0.24	187	1	1
glutamine biosynthetic process	1	0	0.24	188	1	1
acyl-CoA metabolic process	1	0	0.24	189	1	1
cellular aromatic compound metabolic pro...	2	0	0.49	190	1	1
coenzyme metabolic process	2	0	0.49	191	1	1
group transfer coenzyme metabolic proces...	1	0	0.24	192	1	1
nucleoside phosphate metabolic process	3	0	0.73	193	1	1
folic acid and derivative metabolic proc...	1	0	0.24	194	1	1
phosphorus metabolic process	2	0	0.49	195	1	1
phosphate metabolic process	2	0	0.49	196	1	1
nitrogen compound metabolic process	2	0	0.49	197	1	1
cation transport	2	0	0.49	198	1	1
sodium ion transport	1	0	0.24	199	1	1
iron ion transport	1	0	0.24	200	1	1
lipid transport	6	0	1.46	201	1	1
cellular ion homeostasis	1	0	0.24	202	1	1
cellular iron ion homeostasis	1	0	0.24	203	1	1
cell cycle	1	0	0.24	204	1	1
chromosome segregation	1	0	0.24	205	1	1
meiosis	1	0	0.24	206	1	1
cell adhesion	1	0	0.24	207	1	1
cell-matrix adhesion	1	0	0.24	208	1	1
pattern specification process	1	0	0.24	209	1	1
protein-based cuticle development	1	0	0.24	210	1	1
amino acid biosynthetic process	2	0	0.49	211	1	1
macromolecule biosynthetic process	5	0	1.22	212	1	1
glutamine family amino acid metabolic pr...	1	0	0.24	213	1	1
aspartate family amino acid metabolic pr...	1	0	0.24	214	1	1
aspartate family amino acid biosynthetic...	1	0	0.24	215	1	1
glutamine family amino acid biosynthetic...	1	0	0.24	216	1	1
glycoprotein metabolic process	1	0	0.24	217	1	1
glycoprotein biosynthetic process	1	0	0.24	218	1	1
coenzyme biosynthetic process	1	0	0.24	219	1	1
nucleobase metabolic process	1	0	0.24	220	1	1
purine base biosynthetic process	1	0	0.24	221	1	1
nucleotide metabolic process	3	0	0.73	222	1	1
nucleoside monophosphate metabolic proce...	3	0	0.73	223	1	1
nucleoside monophosphate biosynthetic pr...	3	0	0.73	224	1	1
purine nucleoside monophosphate metaboli...	3	0	0.73	225	1	1

Term	Annotated	Significant	Expected	Rank in classic Fisher	classic Fisher	elim Fisher
purine nucleoside monophosphate biosynth...	3	0	0.73	226	1	1
purine ribonucleotide metabolic process	3	0	0.73	227	1	1
purine ribonucleotide biosynthetic proce...	3	0	0.73	228	1	1
ribonucleoside monophosphate biosyntheti...	3	0	0.73	229	1	1
ribonucleoside monophosphate metabolic p...	3	0	0.73	230	1	1
nucleotide biosynthetic process	3	0	0.73	231	1	1
purine ribonucleoside monophosphate meta...	3	0	0.73	232	1	1
purine ribonucleoside monophosphate bios...	3	0	0.73	233	1	1
ribonucleotide metabolic process	3	0	0.73	234	1	1
ribonucleotide biosynthetic process	3	0	0.73	235	1	1
cellular amine metabolic process	2	0	0.49	236	1	1
amine biosynthetic process	2	0	0.49	237	1	1
folic acid and derivative biosynthetic p...	1	0	0.24	238	1	1
embryonic pattern specification	1	0	0.24	239	1	1
regulation of biosynthetic process	3	0	0.73	240	1	1
gene expression	4	0	0.97	241	1	1
regulation of gene expression	3	0	0.73	242	1	1
regulation of macromolecule biosynthetic...	3	0	0.73	243	1	1
gas transport	1	0	0.24	244	1	1
oxygen transport	1	0	0.24	245	1	1
monovalent inorganic cation transport	1	0	0.24	246	1	1
di-, tri-valent inorganic cation transpo...	1	0	0.24	247	1	1
RNA metabolic process	3	0	0.73	248	1	1
phosphorylation	1	0	0.24	249	1	1
regulation of nucleobase, nucleoside, nu...	3	0	0.73	250	1	1
regulation of metabolic process	3	0	0.73	251	1	1
cellular homeostasis	1	0	0.24	252	1	1
cell cycle process	1	0	0.24	253	1	1
cell cycle phase	1	0	0.24	254	1	1
biological adhesion	1	0	0.24	255	1	1
metal ion transport	2	0	0.49	256	1	1
cellular cation homeostasis	1	0	0.24	257	1	1
cellular di-, tri-valent inorganic catio...	1	0	0.24	258	1	1
cell differentiation	1	0	0.24	259	1	1
regulation of cellular metabolic process	3	0	0.73	260	1	1
regulation of cellular biosynthetic proc...	3	0	0.73	261	1	1
cell-substrate adhesion	1	0	0.24	262	1	1
RNA biosynthetic process	3	0	0.73	263	1	1
nucleobase, nucleoside and nucleotide bi...	1	0	0.24	264	1	1
cellular nitrogen compound metabolic pro...	2	0	0.49	265	1	1
cellular macromolecule biosynthetic proc...	5	0	1.22	266	1	1
nucleobase, nucleoside, nucleotide and n...	1	0	0.24	267	1	1
cellular biopolymer biosynthetic process	4	0	0.97	268	1	1
collagen and cuticulin-based cuticle dev...	1	0	0.24	269	1	1
regulation of locomotion	1	0	0.24	270	1	1
positive regulation of locomotion	1	0	0.24	271	1	1
cuticle development	1	0	0.24	272	1	1
pigment metabolic process	1	0	0.24	273	1	1
homeostatic process	1	0	0.24	274	1	1
biopolymer biosynthetic process	4	0	0.97	275	1	1
biopolymer glycosylation	1	0	0.24	276	1	1
nitrogen compound biosynthetic process	2	0	0.49	277	1	1
meiotic chromosome segregation	1	0	0.24	278	1	1
cell fate commitment	1	0	0.24	279	1	1
regulation of transcription	3	0	0.73	280	1	1
IMP metabolic process	3	0	0.73	281	1	1
nucleobase biosynthetic process	1	0	0.24	282	1	1
pigment biosynthetic process	1	0	0.24	283	1	1
amino sugar catabolic process	1	0	0.24	284	1	1
heterocycle metabolic process	2	0	0.49	285	1	1
cellular developmental process	1	0	0.24	286	1	1
chemical homeostasis	1	0	0.24	287	1	1
ion homeostasis	1	0	0.24	288	1	1
cofactor metabolic process	2	0	0.49	289	1	1
cofactor biosynthetic process	1	0	0.24	290	1	1
regulation of RNA metabolic process	3	0	0.73	291	1	1
meiotic cell cycle	1	0	0.24	292	1	1
M phase of meiotic cell cycle	1	0	0.24	293	1	1
di-, tri-valent inorganic cation homeost...	1	0	0.24	294	1	1
iron ion homeostasis	1	0	0.24	295	1	1
cation homeostasis	1	0	0.24	296	1	1
cellular chemical homeostasis	1	0	0.24	297	1	1
transmembrane transport	1	0	0.24	298	1	1
nucleobase, nucleoside and nucleotide me...	3	0	0.73	299	1	1
regulation of macromolecule metabolic pr...	3	0	0.73	300	1	1
regulation of biological quality	1	0	0.24	301	1	1
glycosylation	1	0	0.24	302	1	1