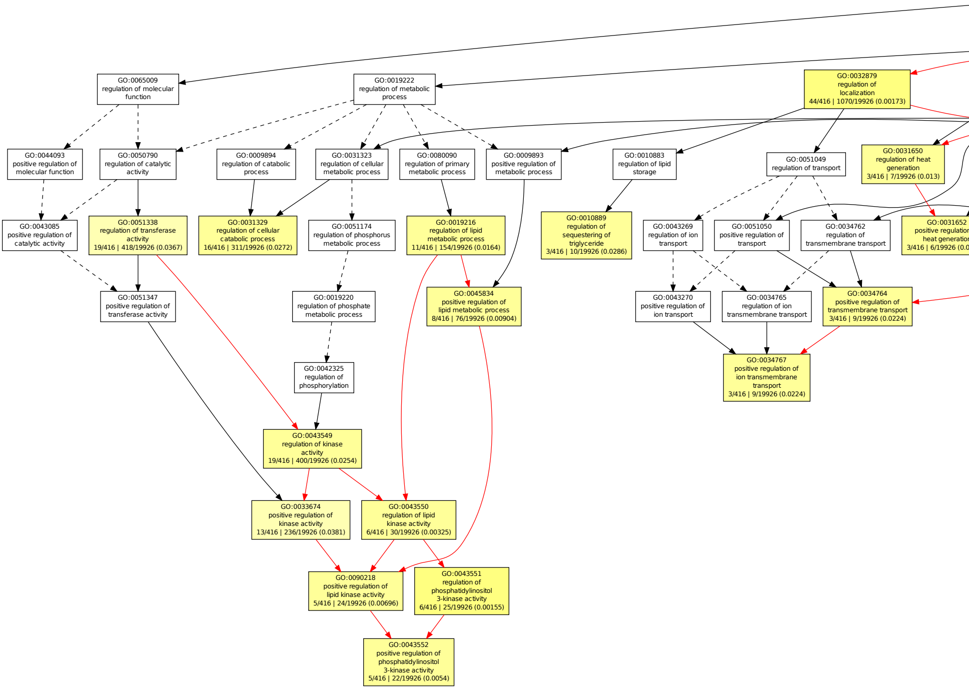
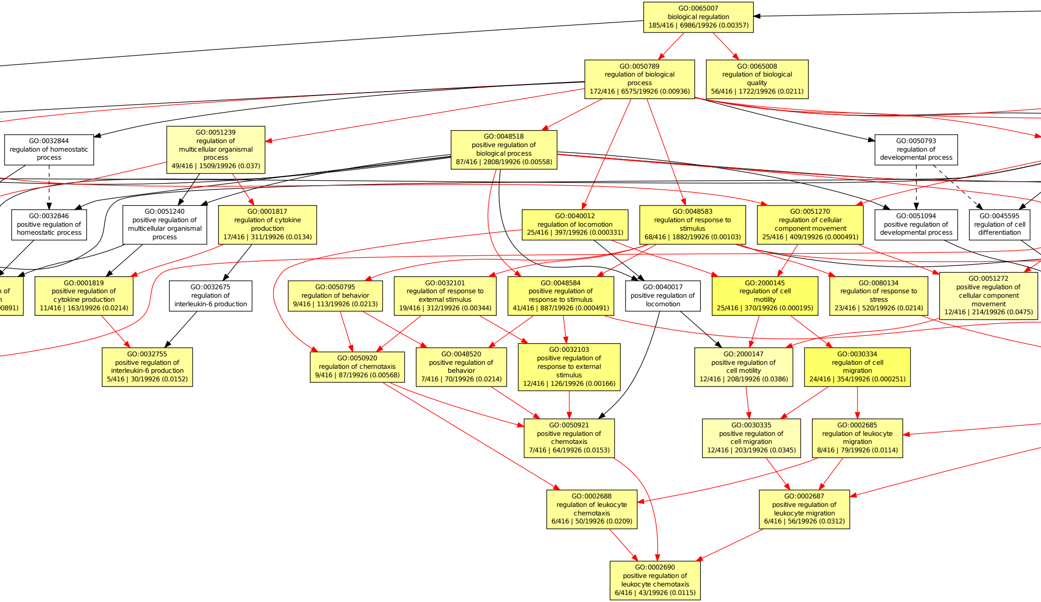
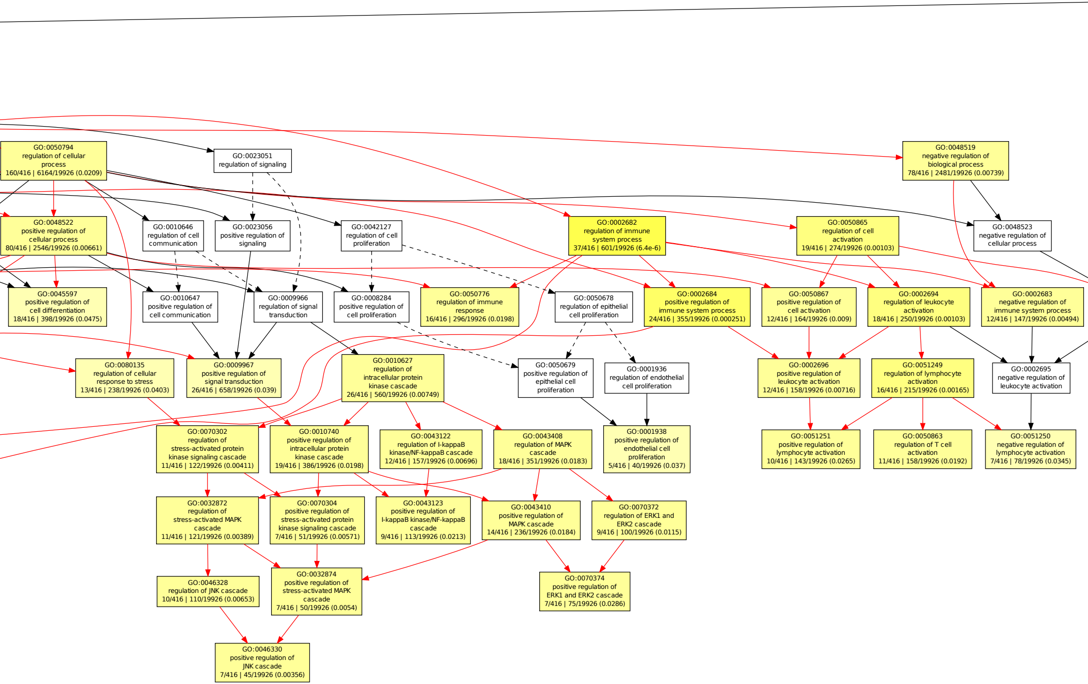
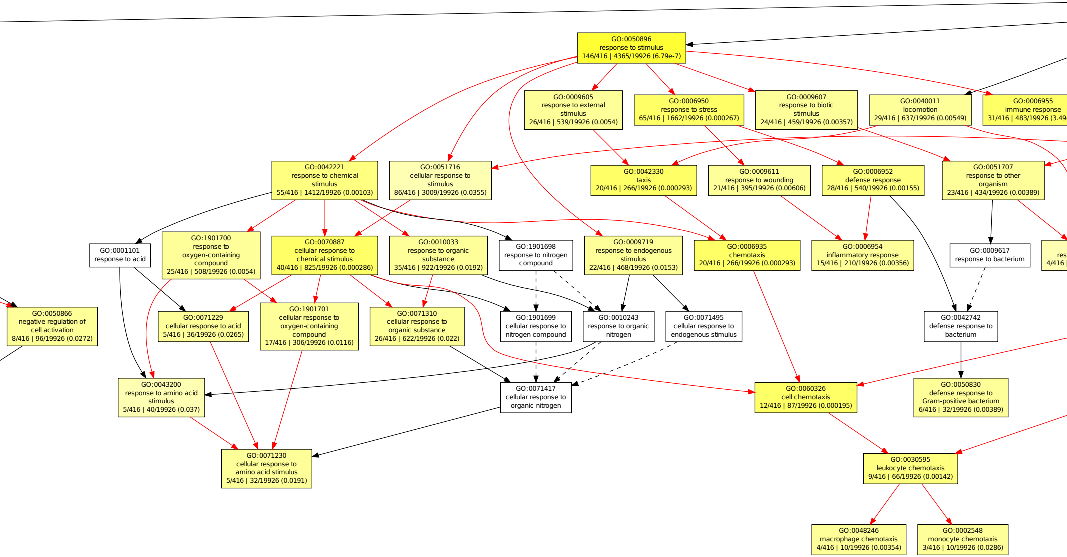
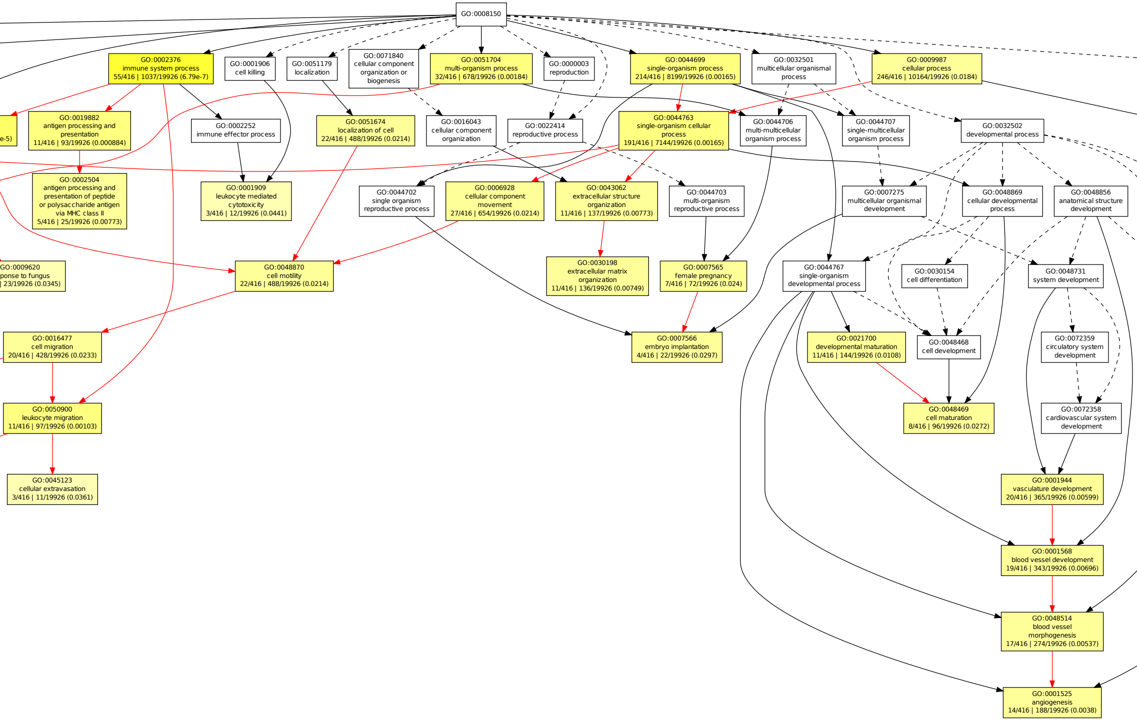
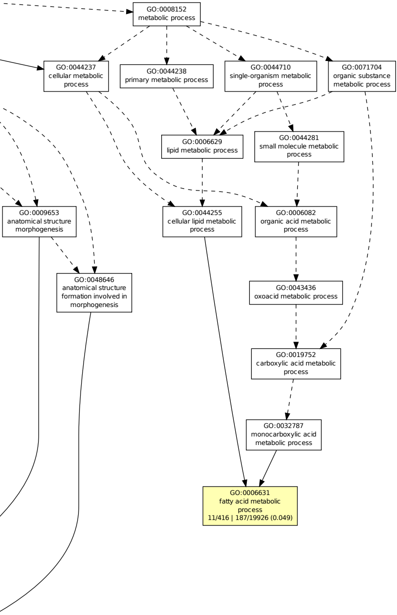

GO:0065009 regulation of molecular function
GO:0019222 regulation of metabolic process
GO:0032879 regulation of localization 44/416 | 1070/19926 (0.00173)
GO:0044093 positive regulation of molecular function
GO:0050790 regulation of catalytic activity
GO:0009894 regulation of catabolic process
GO:0031323 regulation of cellular metabolic process
GO:0080090 regulation of primary metabolic process
GO:0009893 positive regulation of metabolic process
GO:0010883 regulation of lipid storage
GO:0051049 regulation of transport
GO:0031650 regulation of heat generation 3/416 | 7/19926 (0.013)
GO:0043085 positive regulation of catalytic activity
GO:0051338 regulation of transferase activity 19/416 | 418/19926 (0.0367)
GO:0031329 regulation of cellular catabolic process 16/416 | 311/19926 (0.0272)
GO:0051174 regulation of phosphorus metabolic process
GO:0019216 regulation of lipid metabolic process 11/416 | 154/19926 (0.0164)
GO:0010889 regulation of sequestering of triglyceride 3/416 | 10/19926 (0.0286)
GO:0043269 regulation of ion transport
GO:0051050 positive regulation of transport
GO:0034762 regulation of transmembrane transport
GO:0031652 positive regulatio heat generatio 3/416 | 6/19926 (0.0
GO:0051347 positive regulation of transferase activity
GO:0019220 regulation of phosphate metabolic process
GO:0045834 positive regulation of lipid metabolic process 8/416 | 76/19926 (0.00904)
GO:0043270 positive regulation of ion transport
GO:0034765 regulation of ion transmembrane transport
GO:0034764 positive regulation of transmembrane transport 3/416 | 9/19926 (0.0224)
GO:0034767 positive regulation of ion transmembrane transport 3/416 | 9/19926 (0.0224)
GO:0042325 regulation of phosphorylation
GO:0043549 regulation of kinase activity 19/416 | 400/19926 (0.0254)
GO:0033674 positive regulation of kinase activity 13/416 | 236/19926 (0.0381)
GO:0043550 regulation of lipid kinase activity 6/416 | 30/19926 (0.00325)
GO:0090218 positive regulation of lipid kinase activity 5/416 | 24/19926 (0.00696)
GO:0043551 regulation of phosphatidylinositol 3-kinase activity 6/416 | 25/19926 (0.00155)
GO:0043552 positive regulation of phosphatidylinositol 3-kinase activity 5/416 | 22/19926 (0.0054)


GO:0065007
biological regulation
185/416 | 6986/19926 (0.00357)
GO:0050789
regulation of biological process
172/416 | 6575/19926 (0.00936)
GO:0065008
regulation of biological quality
56/416 | 1722/19926 (0.0211)
GO:0032844
regulation of homeostatic process
GO:0051239
regulation of multicellular organismal process
49/416 | 1509/19926 (0.037)
GO:0048518
positive regulation of biological process
87/416 | 2808/19926 (0.00558)
GO:0050793
regulation of developmental process
GO:0032846
positive regulation of homeostatic process
GO:0051240
positive regulation of multicellular organismal process
GO:0001817
regulation of cytokine production
17/416 | 311/19926 (0.0134)
GO:0040012
regulation of locomotion
25/416 | 397/19926 (0.000331)
GO:0048583
regulation of response to stimulus
68/416 | 1882/19926 (0.00103)
GO:0051270
regulation of cellular component movement
25/416 | 409/19926 (0.000491)
GO:0051094
positive regulation of developmental process
GO:0045595
regulation of cell differentiation
GO:0001819
positive regulation of cytokine production
11/416 | 163/19926 (0.0214)
GO:0032675
regulation of interleukin-6 production
GO:0050795
regulation of behavior
9/416 | 113/19926 (0.0213)
GO:0032101
regulation of response to external stimulus
19/416 | 312/19926 (0.00344)
GO:0048584
positive regulation of response to stimulus
41/416 | 887/19926 (0.000491)
GO:0040017
positive regulation of locomotion
GO:2000145
regulation of cell motility
25/416 | 370/19926 (0.000195)
GO:0080134
regulation of response to stress
23/416 | 520/19926 (0.0214)
GO:0051272
positive regulation of cellular component movement
12/416 | 214/19926 (0.0475)
GO:0032755
positive regulation of interleukin-6 production
5/416 | 30/19926 (0.0152)
GO:0050920
regulation of chemotaxis
9/416 | 87/19926 (0.00568)
GO:0048520
positive regulation of behavior
7/416 | 70/19926 (0.0214)
GO:0032103
positive regulation of response to external stimulus
12/416 | 126/19926 (0.00166)
GO:2000147
positive regulation of cell motility
12/416 | 208/19926 (0.0386)
GO:0030334
regulation of cell migration
24/416 | 354/19926 (0.000251)
GO:0050921
positive regulation of chemotaxis
7/416 | 64/19926 (0.0153)
GO:0030335
positive regulation of cell migration
12/416 | 203/19926 (0.0345)
GO:0002685
regulation of leukocyte migration
8/416 | 79/19926 (0.0114)
GO:0002688
regulation of leukocyte chemotaxis
6/416 | 50/19926 (0.0209)
GO:0002687
positive regulation of leukocyte migration
6/416 | 56/19926 (0.0312)
GO:0002690
positive regulation of leukocyte chemotaxis
6/416 | 43/19926 (0.0115)


GO:0050794 regulation of cellular process 160/416 | 6164/19926 (0.0209)
GO:0023051 regulation of signaling
GO:0048519 negative regulation of biological process 78/416 | 2481/19926 (0.00739)
GO:0048522 positive regulation of cellular process 80/416 | 2546/19926 (0.00661)
GO:0010646 regulation of cell communication
GO:0023056 positive regulation of signaling
GO:0042127 regulation of cell proliferation
GO:0002682 regulation of immune system process 37/416 | 601/19926 (6.4e-6)
GO:0050865 regulation of cell activation 19/416 | 274/19926 (0.00103)
GO:0048523 negative regulation of cellular process
GO:0045597 positive regulation of cell differentiation 18/416 | 398/19926 (0.0475)
GO:0010647 positive regulation of cell communication
GO:0009966 regulation of signal transduction
GO:0008284 positive regulation of cell proliferation
GO:0050776 regulation of immune response 16/416 | 296/19926 (0.0198)
GO:0050678 regulation of epithelial cell proliferation
GO:0002684 positive regulation of immune system process 24/416 | 355/19926 (0.000251)
GO:0050867 positive regulation of cell activation 12/416 | 164/19926 (0.009)
GO:0002694 regulation of leukocyte activation 18/416 | 250/19926 (0.00103)
GO:0002683 negative regulation of immune system process 12/416 | 147/19926 (0.00494)
GO:0080135 regulation of cellular response to stress 13/416 | 238/19926 (0.0403)
GO:0009967 positive regulation of signal transduction 26/416 | 658/19926 (0.039)
GO:0010627 regulation of intracellular protein kinase cascade 26/416 | 560/19926 (0.00749)
GO:0050679 positive regulation of epithelial cell proliferation
GO:0001936 regulation of endothelial cell proliferation
GO:0002696 positive regulation of leukocyte activation 12/416 | 158/19926 (0.00716)
GO:0051249 regulation of lymphocyte activation 16/416 | 215/19926 (0.00165)
GO:0002695 negative regulation of leukocyte activation
GO:0070302 regulation of stress-activated protein kinase signaling cascade 11/416 | 122/19926 (0.00411)
GO:0010740 positive regulation of intracellular protein kinase cascade 19/416 | 386/19926 (0.0198)
GO:0043122 regulation of I-kappaB kinase/NF-kappaB cascade 12/416 | 157/19926 (0.00696)
GO:0043408 regulation of MAPK cascade 18/416 | 351/19926 (0.0183)
GO:0001938 positive regulation of endothelial cell proliferation 5/416 | 40/19926 (0.037)
GO:0051251 positive regulation of lymphocyte activation 10/416 | 143/19926 (0.0265)
GO:0050863 regulation of T cell activation 11/416 | 158/19926 (0.0192)
GO:0051250 negative regulation of lymphocyte activation 7/416 | 78/19926 (0.0345)
GO:0032872 regulation of stress-activated MAPK cascade 11/416 | 121/19926 (0.00389)
GO:0070304 positive regulation of stress-activated protein kinase signaling cascade 7/416 | 51/19926 (0.00571)
GO:0043123 positive regulation of I-kappaB kinase/NF-kappaB cascade 9/416 | 113/19926 (0.0213)
GO:0043410 positive regulation of MAPK cascade 14/416 | 236/19926 (0.0184)
GO:0070372 regulation of ERK1 and ERK2 cascade 9/416 | 100/19926 (0.0115)
GO:0046328 regulation of JNK cascade 10/416 | 110/19926 (0.00653)
GO:0032874 positive regulation of stress-activated MAPK cascade 7/416 | 50/19926 (0.0054)
GO:0070374 positive regulation of ERK1 and ERK2 cascade 7/416 | 75/19926 (0.0286)
GO:0046330 positive regulation of JNK cascade 7/416 | 45/19926 (0.00356)


GO:0050896
response to stimulus
146/416 | 4365/19926 (6.79e-7)
GO:0009605
response to external
stimulus
26/416 | 539/19926 (0.0054)
GO:0006950
response to stress
65/416 | 1662/19926 (0.000267)
GO:0009607
response to biotic
stimulus
24/416 | 459/19926 (0.00357)
GO:0040011
locomotion
29/416 | 637/19926 (0.00549)
GO:0006955
immune response
31/416 | 483/19926 (3.49
GO:0042221
response to chemical
stimulus
55/416 | 1412/19926 (0.00103)
GO:0051716
cellular response to
stimulus
86/416 | 3009/19926 (0.0355)
GO:0042330
taxis
20/416 | 266/19926 (0.000293)
GO:0009611
response to wounding
21/416 | 395/19926 (0.00606)
GO:0006952
defense response
28/416 | 540/19926 (0.00155)
GO:0051707
response to other
organism
23/416 | 434/19926 (0.00389)
GO:0001101
response to acid
GO:1901700
response to
oxygen-containing
compound
25/416 | 508/19926 (0.0054)
GO:0070887
cellular response to
chemical stimulus
40/416 | 825/19926 (0.000286)
GO:0010033
response to organic
substance
35/416 | 922/19926 (0.0192)
GO:1901698
response to nitrogen
compound
GO:0009719
response to endogenous
stimulus
22/416 | 468/19926 (0.0153)
GO:0006935
chemotaxis
20/416 | 266/19926 (0.000293)
GO:0006954
inflammatory response
15/416 | 210/19926 (0.00356)
GO:0009617
response to bacterium
res
4/416
GO:0050866
negative regulation of
cell activation
8/416 | 96/19926 (0.0272)
GO:0071229
cellular response to acid
5/416 | 36/19926 (0.0265)
GO:1901701
cellular response to
oxygen-containing
compound
17/416 | 306/19926 (0.0116)
GO:0071310
cellular response to
organic substance
26/416 | 622/19926 (0.022)
GO:1901699
cellular response to
nitrogen compound
GO:0010243
response to organic
nitrogen
GO:0071495
cellular response to
endogenous stimulus
GO:0042742
defense response to
bacterium
GO:0043200
response to amino acid
stimulus
5/416 | 40/19926 (0.037)
GO:0071417
cellular response to
organic nitrogen
GO:0060326
cell chemotaxis
12/416 | 87/19926 (0.000195)
GO:0050830
defense response to
Gram-positive bacterium
6/416 | 32/19926 (0.00389)
GO:0071230
cellular response to
amino acid stimulus
5/416 | 32/19926 (0.0191)
GO:0030595
leukocyte chemotaxis
9/416 | 66/19926 (0.00142)
GO:0048246
macrophage chemotaxis
4/416 | 10/19926 (0.00354)
GO:0002548
monocyte chemotaxis
3/416 | 10/19926 (0.0286)


GO:0008150
GO:0002376 immune system process 55/416 | 1037/19926 (6.79e-7)
GO:0001906 cell killing
GO:0051179 localization
GO:0071840 cellular component organization or biogenesis
GO:0051704 multi-organism process 32/416 | 678/19926 (0.00184)
GO:0000003 reproduction
GO:0044699 single-organism process 214/416 | 8199/19926 (0.00165)
GO:0032501 multicellular organismal process
GO:0009987 cellular process 246/416 | 10164/19926 (0.0184)
e-5)
GO:0019882 antigen processing and presentation 11/416 | 93/19926 (0.000884)
GO:0002252 immune effector process
GO:0051674 localization of cell 22/416 | 488/19926 (0.0214)
GO:0016043 cellular component organization
GO:0022414 reproductive process
GO:0044763 single-organism cellular process 191/416 | 7144/19926 (0.00165)
GO:0044706 multi-multicellular organism process
GO:0044707 single-multicellular organism process
GO:0032502 developmental process
GO:0002504 antigen processing and presentation of peptide or polysaccharide antigen via MHC class II 5/416 | 25/19926 (0.00773)
GO:0001909 leukocyte mediated cytotoxicity 3/416 | 12/19926 (0.0441)
GO:0044702 single organism reproductive process
GO:0006928 cellular component movement 27/416 | 654/19926 (0.0214)
GO:0043062 extracellular structure organization 11/416 | 137/19926 (0.00773)
GO:0044703 multi-organism reproductive process
GO:0007275 multicellular organismal development
GO:0048869 cellular developmental process
GO:0048856 anatomical structure development
GO:0009620 ponse to fungus | 23/19926 (0.0345)
GO:0048870 cell motility 22/416 | 488/19926 (0.0214)
GO:0030198 extracellular matrix organization 11/416 | 136/19926 (0.00749)
GO:0007565 female pregnancy 7/416 | 72/19926 (0.024)
GO:0044767 single-organism developmental process
GO:0030154 cell differentiation
GO:0048731 system development
GO:0016477 cell migration 20/416 | 428/19926 (0.0233)
GO:0007566 embryo implantation 4/416 | 22/19926 (0.0297)
GO:0021700 developmental maturation 11/416 | 144/19926 (0.0108)
GO:0048468 cell development
GO:0072359 circulatory system development
GO:0050900 leukocyte migration 11/416 | 97/19926 (0.00103)
GO:0048469 cell maturation 8/416 | 96/19926 (0.0272)
GO:0072358 cardiovascular system development
GO:0045123 cellular extravasation 3/416 | 11/19926 (0.0361)
GO:0001944 vasculature development 20/416 | 365/19926 (0.00599)
GO:0001568 blood vessel development 19/416 | 343/19926 (0.00696)
GO:0048514 blood vessel morphogenesis 17/416 | 274/19926 (0.00537)
GO:0001525 angiogenesis 14/416 | 188/19926 (0.0038)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metabolic process
GO:0044237
cellular metabolic process
GO:0044238
primary metabolic process
GO:0044710
single-organism metabolic process
GO:0071704
organic substance metabolic process
GO:0006629
lipid metabolic process
GO:0044281
small molecule metabolic process
GO:0009653
anatomical structure morphogenesis
GO:0044255
cellular lipid metabolic process
GO:0006082
organic acid metabolic process
GO:0048646
anatomical structure formation involved in morphogenesis
GO:0043436
oxoacid metabolic process
GO:0019752
carboxylic acid metabolic process
GO:0032787
monocarboxylic acid metabolic process
GO:0006631
fatty acid metabolic process
11/416 | 187/19926 (0.049)