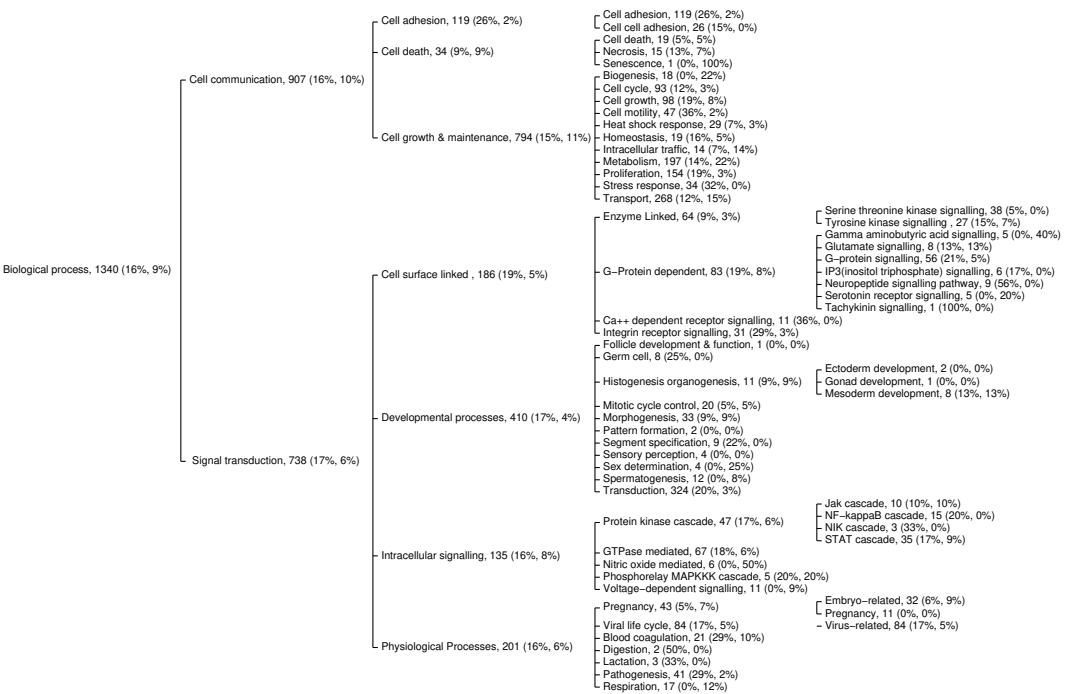
Biological process, 1340 (16%, 9%)
Cell communication, 907 (16%, 10%)
Cell adhesion, 119 (26%, 2%)
Cell adhesion, 119 (26%, 2%)
Cell cell adhesion, 26 (15%, 0%)
Cell death, 34 (9%, 9%)
Cell death, 19 (5%, 5%)
Necrosis, 15 (13%, 7%)
Senescence, 1 (0%, 100%)
Cell growth & maintenance, 794 (15%, 11%)
Biogenesis, 18 (0%, 22%)
Cell cycle, 93 (12%, 3%)
Cell growth, 98 (19%, 8%)
Cell motility, 47 (36%, 2%)
Heat shock response, 29 (7%, 3%)
Homeostasis, 19 (16%, 5%)
Intracellular traffic, 14 (7%, 14%)
Metabolism, 197 (14%, 22%)
Proliferation, 154 (19%, 3%)
Stress response, 34 (32%, 0%)
Transport, 268 (12%, 15%)
Signal transduction, 738 (17%, 6%)
Cell surface linked , 186 (19%, 5%)
Enzyme Linked, 64 (9%, 3%)
Serine threonine kinase signalling, 38 (5%, 0%)
Tyrosine kinase signalling , 27 (15%, 7%)
G–Protein dependent, 83 (19%, 8%)
Gamma aminobutyric acid signalling, 5 (0%, 40%)
Glutamate signalling, 8 (13%, 13%)
G–protein signalling, 56 (21%, 5%)
IP3(inositol triphosphate) signalling, 6 (17%, 0%)
Neuropeptide signalling pathway, 9 (56%, 0%)
Serotonin receptor signalling, 5 (0%, 20%)
Tachykinin signalling, 1 (100%, 0%)
Ca++ dependent receptor signalling, 11 (36%, 0%)
Integrin receptor signalling, 31 (29%, 3%)
Developmental processes, 410 (17%, 4%)
Follicle development & function, 1 (0%, 0%)
Germ cell, 8 (25%, 0%)
Histogenesis organogenesis, 11 (9%, 9%)
Ectoderm development, 2 (0%, 0%)
Gonad development, 1 (0%, 0%)
Mesoderm development, 8 (13%, 13%)
Mitotic cycle control, 20 (5%, 5%)
Morphogenesis, 33 (9%, 9%)
Pattern formation, 2 (0%, 0%)
Segment specification, 9 (22%, 0%)
Sensory perception, 4 (0%, 0%)
Sex determination, 4 (0%, 25%)
Spermatogenesis, 12 (0%, 8%)
Transduction, 324 (20%, 3%)
Intracellular signalling, 135 (16%, 8%)
Protein kinase cascade, 47 (17%, 6%)
Jak cascade, 10 (10%, 10%)
NF–kappaB cascade, 15 (20%, 0%)
NIK cascade, 3 (33%, 0%)
STAT cascade, 35 (17%, 9%)
GTPase mediated, 67 (18%, 6%)
Nitric oxide mediated, 6 (0%, 50%)
Phosphorelay MAPKKK cascade, 5 (20%, 20%)
Voltage–dependent signalling, 11 (0%, 9%)
Physiological Processes, 201 (16%, 6%)
Pregnancy, 43 (5%, 7%)
Embryo–related, 32 (6%, 9%)
Pregnancy, 11 (0%, 0%)
Viral life cycle, 84 (17%, 5%)
Virus–related, 84 (17%, 5%)
Blood coagulation, 21 (29%, 10%)
Digestion, 2 (50%, 0%)
Lactation, 3 (33%, 0%)
Pathogenesis, 41 (29%, 2%)
Respiration, 17 (0%, 12%)