# Table S1. The biological processes of the hypoglycemic targets for *Isodon Japonicus*

| pathway ID | pathway description | frequency |
| --- | --- | --- |
| GO:0065008 | regulation of biological quality | 6 |
| GO:0007610 | behavior | 5 |
| GO:0048583 | regulation of response to stimulus | 5 |
| GO:0009605 | response to external stimulus | 5 |
| GO:0014070 | response to organic cyclic compound | 5 |
| GO:0008015 | blood circulation | 4 |
| GO:0007166 | cell surface receptor signaling pathway | 4 |
| GO:0035690 | cellular response to drug | 4 |
| GO:0071407 | cellular response to organic cyclic compound | 4 |
| GO:0071310 | cellular response to organic substance | 4 |
| GO:1901701 | cellular response to oxygen-containing compound | 4 |
| GO:0048878 | chemical homeostasis | 4 |
| GO:0007186 | G protein-coupled receptor signaling pathway | 4 |
| GO:0008217 | regulation of blood pressure | 4 |
| GO:0032879 | regulation of localization | 4 |
| GO:0051239 | regulation of multicellular organismal process | 4 |
| GO:1901700 | response to oxygen-containing compound | 4 |
| GO:0007189 | adenylate cyclase-activating G protein-coupled receptor signaling pathway | 3 |
| GO:0007193 | adenylate cyclase-inhibiting G protein-coupled receptor signaling pathway | 3 |
| GO:0007188 | adenylate cyclase-modulating G protein-coupled receptor signaling pathway | 3 |
| GO:0007596 | blood coagulation | 3 |
| GO:0001775 | cell activation | 3 |
| GO:0016043 | cellular component organization | 3 |
| GO:1901699 | cellular response to nitrogen compound | 3 |
| GO:0006955 | immune response | 3 |
| GO:0006954 | inflammatory response | 3 |
| GO:0007613 | memory | 3 |
| GO:0048519 | negative regulation of biological process | 3 |
| GO:0030168 | platelet activation | 3 |
| GO:0007204 | positive regulation of cytosolic calcium ion concentration | 3 |
| GO:0051240 | positive regulation of multicellular organismal process | 3 |
| GO:0048584 | positive regulation of response to stimulus | 3 |
| GO:1903532 | positive regulation of secretion by cell | 3 |
| GO:0050878 | regulation of body fluid levels | 3 |
| GO:0050794 | regulation of cellular process | 3 |
| GO:0046883 | regulation of hormone secretion | 3 |
| GO:0050776 | regulation of immune response | 3 |
| GO:0065009 | regulation of molecular function | 3 |
| GO:0032101 | regulation of response to external stimulus | 3 |
| GO:0080134 | regulation of response to stress | 3 |
| GO:0009966 | regulation of signal transduction | 3 |
| GO:0010469 | regulation of signaling receptor activity | 3 |
| GO:0051049 | regulation of transport | 3 |
| GO:0060359 | response to ammonium ion | 3 |
| GO:0046677 | response to antibiotic | 3 |
| GO:0042493 | response to drug | 3 |
| GO:0009725 | response to hormone | 3 |
| GO:0033993 | response to lipid | 3 |
| GO:1901698 | response to nitrogen compound | 3 |
| GO:0007584 | response to nutrient | 3 |
| GO:0031667 | response to nutrient levels | 3 |
| GO:0010033 | response to organic substance | 3 |
| GO:0010243 | response to organonitrogen compound | 3 |
| GO:0050896 | response to stimulus | 3 |
| GO:0006950 | response to stress | 3 |
| GO:0007165 | signal transduction | 3 |
| GO:0003008 | system process | 3 |
| GO:0016032 | viral process | 3 |
| GO:0007191 | adenylate cyclase-activating dopamine receptor signaling pathway | 2 |
| GO:0007568 | aging | 2 |
| GO:0001667 | ameboidal-type cell migration | 2 |
| GO:0048646 | anatomical structure formation involved in morphogenesis | 2 |
| GO:0009653 | anatomical structure morphogenesis | 2 |
| GO:0061844 | antimicrobial humoral immune response mediated by antimicrobial peptide | 2 |
| GO:0007411 | axon guidance | 2 |
| GO:0007409 | axonogenesis | 2 |
| GO:0007155 | cell adhesion | 2 |
| GO:0007154 | cell communication | 2 |
| GO:0048468 | cell development | 2 |
| GO:0030154 | cell differentiation | 2 |
| GO:0000904 | cell morphogenesis involved in differentiation | 2 |
| GO:0008283 | cell population proliferation | 2 |
| GO:0098742 | cell-cell adhesion via plasma-membrane adhesion molecules | 2 |
| GO:0007267 | cell-cell signaling | 2 |
| GO:0007160 | cell-matrix adhesion | 2 |
| GO:0048869 | cellular developmental process | 2 |
| GO:0045123 | cellular extravasation | 2 |
| GO:0034613 | cellular protein localization | 2 |
| GO:0097306 | cellular response to alcohol | 2 |
| GO:0071495 | cellular response to endogenous stimulus | 2 |
| GO:1904322 | cellular response to forskolin | 2 |
| GO:0032870 | cellular response to hormone stimulus | 2 |
| GO:0071396 | cellular response to lipid | 2 |
| GO:0071222 | cellular response to lipopolysaccharide | 2 |
| GO:0006952 | defense response | 2 |
| GO:0007212 | dopamine receptor signaling pathway | 2 |
| GO:0006897 | endocytosis | 2 |
| GO:0035987 | endodermal cell differentiation | 2 |
| GO:0030198 | extracellular matrix organization | 2 |
| GO:0007565 | female pregnancy | 2 |
| GO:0007213 | G protein-coupled acetylcholine receptor signaling pathway | 2 |
| GO:0042593 | glucose homeostasis | 2 |
| GO:0007157 | heterophilic cell-cell adhesion via plasma membrane cell adhesion molecules | 2 |
| GO:0034113 | heterotypic cell-cell adhesion | 2 |
| GO:0042592 | homeostatic process | 2 |
| GO:0002429 | immune response-activating cell surface receptor signaling pathway | 2 |
| GO:0002376 | immune system process | 2 |
| GO:0045087 | innate immune response | 2 |
| GO:0002758 | innate immune response-activating signal transduction | 2 |
| GO:0007229 | integrin-mediated signaling pathway | 2 |
| GO:0006811 | ion transport | 2 |
| GO:0031640 | killing of cells of other organism | 2 |
| GO:0045321 | leukocyte activation | 2 |
| GO:0007159 | leukocyte cell-cell adhesion | 2 |
| GO:0050900 | leukocyte migration | 2 |
| GO:0051179 | localization | 2 |
| GO:0007626 | locomotory behavior | 2 |
| GO:0046649 | lymphocyte activation | 2 |
| GO:0050804 | modulation of chemical synaptic transmission | 2 |
| GO:0032501 | multicellular organismal process | 2 |
| GO:0051704 | multi-organism process | 2 |
| GO:0044703 | multi-organism reproductive process | 2 |
| GO:0006936 | muscle contraction | 2 |
| GO:0045776 | negative regulation of blood pressure | 2 |
| GO:0043086 | negative regulation of catalytic activity | 2 |
| GO:0043271 | negative regulation of ion transport | 2 |
| GO:0044092 | negative regulation of molecular function | 2 |
| GO:0048585 | negative regulation of response to stimulus | 2 |
| GO:0007399 | nervous system development | 2 |
| GO:0007218 | neuropeptide signaling pathway | 2 |
| GO:0043312 | neutrophil degranulation | 2 |
| GO:0006796 | phosphate-containing compound metabolic process | 2 |
| GO:0007200 | phospholipase C-activating G protein-coupled receptor signaling pathway | 2 |
| GO:0002576 | platelet degranulation | 2 |
| GO:0002693 | positive regulation of cellular extravasation | 2 |
| GO:0002684 | positive regulation of immune system process | 2 |
| GO:0045429 | positive regulation of nitric oxide biosynthetic process | 2 |
| GO:1904407 | positive regulation of nitric oxide metabolic process | 2 |
| GO:0032103 | positive regulation of response to external stimulus | 2 |
| GO:0006457 | protein folding | 2 |
| GO:0050821 | protein stabilization | 2 |
| GO:0043113 | receptor clustering | 2 |
| GO:1903522 | regulation of blood circulation | 2 |
| GO:0097746 | regulation of blood vessel diameter | 2 |
| GO:0010646 | regulation of cell communication | 2 |
| GO:0050793 | regulation of developmental process | 2 |
| GO:0051090 | regulation of DNA-binding transcription factor activity | 2 |
| GO:0008016 | regulation of heart contraction | 2 |
| GO:0050796 | regulation of insulin secretion | 2 |
| GO:0019216 | regulation of lipid metabolic process | 2 |
| GO:0050730 | regulation of peptidyl-tyrosine phosphorylation | 2 |
| GO:1903530 | regulation of secretion by cell | 2 |
| GO:0023051 | regulation of signaling | 2 |
| GO:0062012 | regulation of small molecule metabolic process | 2 |
| GO:0044057 | regulation of system process | 2 |
| GO:0003073 | regulation of systemic arterial blood pressure | 2 |
| GO:0003014 | renal system process | 2 |
| GO:0097305 | response to alcohol | 2 |
| GO:0043279 | response to alkaloid | 2 |
| GO:0072347 | response to anesthetic | 2 |
| GO:0045471 | response to ethanol | 2 |
| GO:0010038 | response to metal ion | 2 |
| GO:0051707 | response to other organism | 2 |
| GO:0009410 | response to xenobiotic stimulus | 2 |
| GO:0019233 | sensory perception of pain | 2 |
| GO:0002223 | stimulatory C-type lectin receptor signaling pathway | 2 |
| GO:0048731 | system development | 2 |
| GO:0002291 | T cell activation via T cell receptor contact with antigen bound to MHC molecule on antigen presenting cell | 2 |
| GO:0009888 | tissue development | 2 |
| GO:0016192 | vesicle-mediated transport | 2 |
| GO:0046717 | acid secretion | 1 |
| GO:0030036 | actin cytoskeleton organization | 1 |
| GO:0001508 | action potential | 1 |
| GO:0050798 | activated T cell proliferation | 1 |
| GO:0007190 | activation of adenylate cyclase activity | 1 |
| GO:0007202 | activation of phospholipase C activity | 1 |
| GO:0032147 | activation of protein kinase activity | 1 |
| GO:0021984 | adenohypophysis development | 1 |
| GO:0001973 | adenosine receptor signaling pathway | 1 |
| GO:0097164 | ammonium ion metabolic process | 1 |
| GO:0097242 | amyloid-beta clearance | 1 |
| GO:0048856 | anatomical structure development | 1 |
| GO:0060249 | anatomical structure homeostasis | 1 |
| GO:0030521 | androgen receptor signaling pathway | 1 |
| GO:0001525 | angiogenesis | 1 |
| GO:0002003 | angiotensin maturation | 1 |
| GO:0038166 | angiotensin-activated signaling pathway | 1 |
| GO:0048513 | animal organ development | 1 |
| GO:0009887 | animal organ morphogenesis | 1 |
| GO:0098656 | anion transmembrane transport | 1 |
| GO:0006820 | anion transport | 1 |
| GO:0038027 | apolipoprotein A-I-mediated signaling pathway | 1 |
| GO:0006914 | autophagy | 1 |
| GO:0061564 | axon development | 1 |
| GO:0015701 | bicarbonate transport | 1 |
| GO:0048514 | blood vessel morphogenesis | 1 |
| GO:0098751 | bone cell development | 1 |
| GO:0060444 | branching involved in mammary gland duct morphogenesis | 1 |
| GO:0048754 | branching morphogenesis of an epithelial tube | 1 |
| GO:0070588 | calcium ion transmembrane transport | 1 |
| GO:0006171 | cAMP biosynthetic process | 1 |
| GO:0046058 | cAMP metabolic process | 1 |
| GO:0016052 | carbohydrate catabolic process | 1 |
| GO:1901136 | carbohydrate derivative catabolic process | 1 |
| GO:1901135 | carbohydrate derivative metabolic process | 1 |
| GO:0005975 | carbohydrate metabolic process | 1 |
| GO:0046942 | carboxylic acid transport | 1 |
| GO:0033627 | cell adhesion mediated by integrin | 1 |
| GO:0007049 | cell cycle | 1 |
| GO:0022402 | cell cycle process | 1 |
| GO:0016049 | cell growth | 1 |
| GO:0034329 | cell junction assembly | 1 |
| GO:0048469 | cell maturation | 1 |
| GO:0016477 | cell migration | 1 |
| GO:0000902 | cell morphogenesis | 1 |
| GO:0048667 | cell morphogenesis involved in neuron differentiation | 1 |
| GO:0048858 | cell projection morphogenesis | 1 |
| GO:0030030 | cell projection organization | 1 |
| GO:0098609 | cell-cell adhesion | 1 |
| GO:0033631 | cell-cell adhesion mediated by integrin | 1 |
| GO:0003366 | cell-matrix adhesion involved in ameboidal cell migration | 1 |
| GO:0031589 | cell-substrate adhesion | 1 |
| GO:0007044 | cell-substrate junction assembly | 1 |
| GO:0006725 | cellular aromatic compound metabolic process | 1 |
| GO:0044249 | cellular biosynthetic process | 1 |
| GO:0022607 | cellular component assembly | 1 |
| GO:0019725 | cellular homeostasis | 1 |
| GO:0044255 | cellular lipid metabolic process | 1 |
| GO:0051641 | cellular localization | 1 |
| GO:0034645 | cellular macromolecule biosynthetic process | 1 |
| GO:0044260 | cellular macromolecule metabolic process | 1 |
| GO:0044237 | cellular metabolic process | 1 |
| GO:0006464 | cellular protein modification process | 1 |
| GO:0034622 | cellular protein-containing complex assembly | 1 |
| GO:0071236 | cellular response to antibiotic | 1 |
| GO:0071345 | cellular response to cytokine stimulus | 1 |
| GO:0071392 | cellular response to estradiol stimulus | 1 |
| GO:0071377 | cellular response to glucagon stimulus | 1 |
| GO:0071456 | cellular response to hypoxia | 1 |
| GO:1901655 | cellular response to ketone | 1 |
| GO:0071404 | cellular response to low-density lipoprotein particle stimulus | 1 |
| GO:0071248 | cellular response to metal ion | 1 |
| GO:0071417 | cellular response to organonitrogen compound | 1 |
| GO:0071375 | cellular response to peptide hormone stimulus | 1 |
| GO:0034614 | cellular response to reactive oxygen species | 1 |
| GO:0051716 | cellular response to stimulus | 1 |
| GO:0007417 | central nervous system development | 1 |
| GO:0006182 | cGMP biosynthetic process | 1 |
| GO:0046068 | cGMP metabolic process | 1 |
| GO:0061077 | chaperone-mediated protein folding | 1 |
| GO:0007268 | chemical synaptic transmission | 1 |
| GO:0006935 | chemotaxis | 1 |
| GO:1902476 | chloride transmembrane transport | 1 |
| GO:0006695 | cholesterol biosynthetic process | 1 |
| GO:0008203 | cholesterol metabolic process | 1 |
| GO:0043009 | chordate embryonic development | 1 |
| GO:0006325 | chromatin organization | 1 |
| GO:0006338 | chromatin remodeling | 1 |
| GO:0051276 | chromosome organization | 1 |
| GO:0007623 | circadian rhythm | 1 |
| GO:0019221 | cytokine-mediated signaling pathway | 1 |
| GO:0002029 | desensitization of G protein-coupled receptor signaling pathway | 1 |
| GO:0009582 | detection of abiotic stimulus | 1 |
| GO:0009581 | detection of external stimulus | 1 |
| GO:0060560 | developmental growth involved in morphogenesis | 1 |
| GO:0048066 | developmental pigmentation | 1 |
| GO:0007586 | digestion | 1 |
| GO:0042417 | dopamine metabolic process | 1 |
| GO:0007398 | ectoderm development | 1 |
| GO:0010668 | ectodermal cell differentiation | 1 |
| GO:0048598 | embryonic morphogenesis | 1 |
| GO:0007492 | endoderm development | 1 |
| GO:0001706 | endoderm formation | 1 |
| GO:0009649 | entrainment of circadian clock | 1 |
| GO:0002064 | epithelial cell development | 1 |
| GO:0002070 | epithelial cell maturation | 1 |
| GO:0060429 | epithelium development | 1 |
| GO:0038127 | ERBB signaling pathway | 1 |
| GO:0061028 | establishment of endothelial barrier | 1 |
| GO:0045338 | farnesyl diphosphate metabolic process | 1 |
| GO:0038096 | Fc-gamma receptor signaling pathway involved in phagocytosis | 1 |
| GO:0007292 | female gamete generation | 1 |
| GO:0008585 | female gonad development | 1 |
| GO:0001704 | formation of primary germ layer | 1 |
| GO:0007187 | G protein-coupled receptor signaling pathway, coupled to cyclic nucleotide second messenger | 1 |
| GO:0007369 | gastrulation | 1 |
| GO:0048699 | generation of neurons | 1 |
| GO:0048732 | gland development | 1 |
| GO:0022612 | gland morphogenesis | 1 |
| GO:0005980 | glycogen catabolic process | 1 |
| GO:0005977 | glycogen metabolic process | 1 |
| GO:0006687 | glycosphingolipid metabolic process | 1 |
| GO:0040007 | growth | 1 |
| GO:0007507 | heart development | 1 |
| GO:0048534 | hematopoietic or lymphoid organ development | 1 |
| GO:0016573 | histone acetylation | 1 |
| GO:0034109 | homotypic cell-cell adhesion | 1 |
| GO:0042445 | hormone metabolic process | 1 |
| GO:0002252 | immune effector process | 1 |
| GO:0098657 | import into cell | 1 |
| GO:0098661 | inorganic anion transmembrane transport | 1 |
| GO:0015698 | inorganic anion transport | 1 |
| GO:0098662 | inorganic cation transmembrane transport | 1 |
| GO:0098660 | inorganic ion transmembrane transport | 1 |
| GO:0007320 | insemination | 1 |
| GO:0051701 | interaction with host | 1 |
| GO:0060333 | interferon-gamma-mediated signaling pathway | 1 |
| GO:0044419 | interspecies interaction between organisms | 1 |
| GO:0030520 | intracellular estrogen receptor signaling pathway | 1 |
| GO:0051454 | intracellular pH elevation | 1 |
| GO:0030518 | intracellular steroid hormone receptor signaling pathway | 1 |
| GO:0050801 | ion homeostasis | 1 |
| GO:0009240 | isopentenyl diphosphate biosynthetic process | 1 |
| GO:0046490 | isopentenyl diphosphate metabolic process | 1 |
| GO:0008299 | isoprenoid biosynthetic process | 1 |
| GO:0006720 | isoprenoid metabolic process | 1 |
| GO:0007611 | learning or memory | 1 |
| GO:0002366 | leukocyte activation involved in immune response | 1 |
| GO:0043299 | leukocyte degranulation | 1 |
| GO:0002521 | leukocyte differentiation | 1 |
| GO:0002443 | leukocyte mediated immunity | 1 |
| GO:0050901 | leukocyte tethering or rolling | 1 |
| GO:0031663 | lipopolysaccharide-mediated signaling pathway | 1 |
| GO:0051674 | localization of cell | 1 |
| GO:0040011 | locomotion | 1 |
| GO:0007616 | long-term memory | 1 |
| GO:0048286 | lung alveolus development | 1 |
| GO:0030324 | lung development | 1 |
| GO:0060425 | lung morphogenesis | 1 |
| GO:0007041 | lysosomal transport | 1 |
| GO:0016236 | macroautophagy | 1 |
| GO:0009057 | macromolecule catabolic process | 1 |
| GO:0046661 | male sex differentiation | 1 |
| GO:0060745 | mammary gland branching involved in pregnancy | 1 |
| GO:0033598 | mammary gland epithelial cell proliferation | 1 |
| GO:0061180 | mammary gland epithelium development | 1 |
| GO:0042711 | maternal behavior | 1 |
| GO:0007498 | mesoderm development | 1 |
| GO:0001707 | mesoderm formation | 1 |
| GO:0048332 | mesoderm morphogenesis | 1 |
| GO:0048333 | mesodermal cell differentiation | 1 |
| GO:0030001 | metal ion transport | 1 |
| GO:0001774 | microglial cell activation | 1 |
| GO:0044003 | modification by symbiont of host morphology or physiology | 1 |
| GO:0006928 | movement of cell or subcellular component | 1 |
| GO:0007275 | multicellular organismal development | 1 |
| GO:0048871 | multicellular organismal homeostasis | 1 |
| GO:0048609 | multicellular organismal reproductive process | 1 |
| GO:0044706 | multi-multicellular organism process | 1 |
| GO:0046716 | muscle cell cellular homeostasis | 1 |
| GO:0061515 | myeloid cell development | 1 |
| GO:0050919 | negative chemotaxis | 1 |
| GO:0007194 | negative regulation of adenylate cyclase activity | 1 |
| GO:2000811 | negative regulation of anoikis | 1 |
| GO:0043066 | negative regulation of apoptotic process | 1 |
| GO:0030195 | negative regulation of blood coagulation | 1 |
| GO:0045955 | negative regulation of calcium ion-dependent exocytosis | 1 |
| GO:0033604 | negative regulation of catecholamine secretion | 1 |
| GO:0045596 | negative regulation of cell differentiation | 1 |
| GO:0048523 | negative regulation of cellular process | 1 |
| GO:0045963 | negative regulation of dopamine metabolic process | 1 |
| GO:0033602 | negative regulation of dopamine secretion | 1 |
| GO:2001237 | negative regulation of extrinsic apoptotic signaling pathway | 1 |
| GO:0010629 | negative regulation of gene expression | 1 |
| GO:0045822 | negative regulation of heart contraction | 1 |
| GO:1902532 | negative regulation of intracellular signal transduction | 1 |
| GO:0050995 | negative regulation of lipid catabolic process | 1 |
| GO:0045833 | negative regulation of lipid metabolic process | 1 |
| GO:0010888 | negative regulation of lipid storage | 1 |
| GO:0032369 | negative regulation of lipid transport | 1 |
| GO:0050748 | negative regulation of lipoprotein metabolic process | 1 |
| GO:0045715 | negative regulation of low-density lipoprotein particle receptor biosynthetic process | 1 |
| GO:0010745 | negative regulation of macrophage derived foam cell differentiation | 1 |
| GO:0051241 | negative regulation of multicellular organismal process | 1 |
| GO:0010639 | negative regulation of organelle organization | 1 |
| GO:1903799 | negative regulation of production of miRNAs involved in gene silencing by miRNA | 1 |
| GO:0031333 | negative regulation of protein complex assembly | 1 |
| GO:0032460 | negative regulation of protein oligomerization | 1 |
| GO:0032102 | negative regulation of response to external stimulus | 1 |
| GO:0051253 | negative regulation of RNA metabolic process | 1 |
| GO:0051048 | negative regulation of secretion | 1 |
| GO:1903531 | negative regulation of secretion by cell | 1 |
| GO:0050805 | negative regulation of synaptic transmission | 1 |
| GO:0000122 | negative regulation of transcription by RNA polymerase II | 1 |
| GO:0045892 | negative regulation of transcription, DNA-templated | 1 |
| GO:1901386 | negative regulation of voltage-gated calcium channel activity | 1 |
| GO:0050877 | nervous system process | 1 |
| GO:0022008 | neurogenesis | 1 |
| GO:0050905 | neuromuscular process | 1 |
| GO:0030182 | neuron differentiation | 1 |
| GO:0006807 | nitrogen compound metabolic process | 1 |
| GO:0007219 | Notch signaling pathway | 1 |
| GO:0090304 | nucleic acid metabolic process | 1 |
| GO:0034654 | nucleobase-containing compound biosynthetic process | 1 |
| GO:0009311 | oligosaccharide metabolic process | 1 |
| GO:0006996 | organelle organization | 1 |
| GO:1901362 | organic cyclic compound biosynthetic process | 1 |
| GO:1901360 | organic cyclic compound metabolic process | 1 |
| GO:1901575 | organic substance catabolic process | 1 |
| GO:0071704 | organic substance metabolic process | 1 |
| GO:1901564 | organonitrogen compound metabolic process | 1 |
| GO:0019637 | organophosphate metabolic process | 1 |
| GO:0001541 | ovarian follicle development | 1 |
| GO:0022602 | ovulation cycle process | 1 |
| GO:0055114 | oxidation-reduction process | 1 |
| GO:0018193 | peptidyl-amino acid modification | 1 |
| GO:0018105 | peptidyl-serine phosphorylation | 1 |
| GO:0018108 | peptidyl-tyrosine phosphorylation | 1 |
| GO:0006909 | phagocytosis | 1 |
| GO:0006911 | phagocytosis, engulfment | 1 |
| GO:0046854 | phosphatidylinositol phosphorylation | 1 |
| GO:0060158 | phospholipase C-activating dopamine receptor signaling pathway | 1 |
| GO:0008654 | phospholipid biosynthetic process | 1 |
| GO:0006644 | phospholipid metabolic process | 1 |
| GO:0016310 | phosphorylation | 1 |
| GO:0007603 | phototransduction, visible light | 1 |
| GO:0043473 | pigmentation | 1 |
| GO:0070527 | platelet aggregation | 1 |
| GO:0030838 | positive regulation of actin filament polymerization | 1 |
| GO:0051954 | positive regulation of amine transport | 1 |
| GO:0048518 | positive regulation of biological process | 1 |
| GO:1903524 | positive regulation of blood circulation | 1 |
| GO:0045777 | positive regulation of blood pressure | 1 |
| GO:0043085 | positive regulation of catalytic activity | 1 |
| GO:0033605 | positive regulation of catecholamine secretion | 1 |
| GO:0045785 | positive regulation of cell adhesion | 1 |
| GO:0010647 | positive regulation of cell communication | 1 |
| GO:0045787 | positive regulation of cell cycle | 1 |
| GO:0010942 | positive regulation of cell death | 1 |
| GO:0030335 | positive regulation of cell migration | 1 |
| GO:0022409 | positive regulation of cell-cell adhesion | 1 |
| GO:0031328 | positive regulation of cellular biosynthetic process | 1 |
| GO:0044089 | positive regulation of cellular component biogenesis | 1 |
| GO:0051130 | positive regulation of cellular component organization | 1 |
| GO:0048522 | positive regulation of cellular process | 1 |
| GO:0051495 | positive regulation of cytoskeleton organization | 1 |
| GO:0051482 | positive regulation of cytosolic calcium ion concentration involved in phospholipase C-activating G protein-coupled signaling pathway | 1 |
| GO:0031349 | positive regulation of defense response | 1 |
| GO:0060456 | positive regulation of digestive system process | 1 |
| GO:2001150 | positive regulation of dipeptide transmembrane transport | 1 |
| GO:2000573 | positive regulation of DNA biosynthetic process | 1 |
| GO:0051054 | positive regulation of DNA metabolic process | 1 |
| GO:0051091 | positive regulation of DNA-binding transcription factor activity | 1 |
| GO:0010634 | positive regulation of epithelial cell migration | 1 |
| GO:0010628 | positive regulation of gene expression | 1 |
| GO:0046887 | positive regulation of hormone secretion | 1 |
| GO:1902533 | positive regulation of intracellular signal transduction | 1 |
| GO:1904996 | positive regulation of leukocyte adhesion to vascular endothelial cell | 1 |
| GO:0002687 | positive regulation of leukocyte migration | 1 |
| GO:0032370 | positive regulation of lipid transport | 1 |
| GO:0010557 | positive regulation of macromolecule biosynthetic process | 1 |
| GO:0010604 | positive regulation of macromolecule metabolic process | 1 |
| GO:0043406 | positive regulation of MAP kinase activity | 1 |
| GO:1903980 | positive regulation of microglial cell activation | 1 |
| GO:0044093 | positive regulation of molecular function | 1 |
| GO:0040018 | positive regulation of multicellular organism growth | 1 |
| GO:1901216 | positive regulation of neuron death | 1 |
| GO:0043315 | positive regulation of neutrophil degranulation | 1 |
| GO:0051092 | positive regulation of NF-kappaB transcription factor activity | 1 |
| GO:0045935 | positive regulation of nucleobase-containing compound metabolic process | 1 |
| GO:0045778 | positive regulation of ossification | 1 |
| GO:0050731 | positive regulation of peptidyl-tyrosine phosphorylation | 1 |
| GO:0032308 | positive regulation of prostaglandin secretion | 1 |
| GO:2000363 | positive regulation of prostaglandin-E synthase activity | 1 |
| GO:0031334 | positive regulation of protein complex assembly | 1 |
| GO:0045860 | positive regulation of protein kinase activity | 1 |
| GO:0051897 | positive regulation of protein kinase B signaling | 1 |
| GO:1900182 | positive regulation of protein localization to nucleus | 1 |
| GO:0090314 | positive regulation of protein targeting to membrane | 1 |
| GO:0051222 | positive regulation of protein transport | 1 |
| GO:2000379 | positive regulation of reactive oxygen species metabolic process | 1 |
| GO:0035815 | positive regulation of renal sodium excretion | 1 |
| GO:2000243 | positive regulation of reproductive process | 1 |
| GO:0051254 | positive regulation of RNA metabolic process | 1 |
| GO:0009967 | positive regulation of signal transduction | 1 |
| GO:0023056 | positive regulation of signaling | 1 |
| GO:0045987 | positive regulation of smooth muscle contraction | 1 |
| GO:0032930 | positive regulation of superoxide anion generation | 1 |
| GO:1902905 | positive regulation of supramolecular fiber organization | 1 |
| GO:0050806 | positive regulation of synaptic transmission | 1 |
| GO:0051968 | positive regulation of synaptic transmission, glutamatergic | 1 |
| GO:0051973 | positive regulation of telomerase activity | 1 |
| GO:0045944 | positive regulation of transcription by RNA polymerase II | 1 |
| GO:0045893 | positive regulation of transcription, DNA-templated | 1 |
| GO:0034764 | positive regulation of transmembrane transport | 1 |
| GO:0030949 | positive regulation of vascular endothelial growth factor receptor signaling pathway | 1 |
| GO:0045907 | positive regulation of vasoconstriction | 1 |
| GO:0060134 | prepulse inhibition | 1 |
| GO:0044238 | primary metabolic process | 1 |
| GO:0050847 | progesterone receptor signaling pathway | 1 |
| GO:0030850 | prostate gland development | 1 |
| GO:0060740 | prostate gland epithelium morphogenesis | 1 |
| GO:0060525 | prostate glandular acinus development | 1 |
| GO:0031648 | protein destabilization | 1 |
| GO:0008104 | protein localization | 1 |
| GO:0072657 | protein localization to membrane | 1 |
| GO:0000413 | protein peptidyl-prolyl isomerization | 1 |
| GO:0006468 | protein phosphorylation | 1 |
| GO:0065003 | protein-containing complex assembly | 1 |
| GO:0006508 | proteolysis | 1 |
| GO:0034032 | purine nucleoside bisphosphate metabolic process | 1 |
| GO:0007265 | Ras protein signal transduction | 1 |
| GO:0031623 | receptor internalization | 1 |
| GO:0006898 | receptor-mediated endocytosis | 1 |
| GO:0003002 | regionalization | 1 |
| GO:0045055 | regulated exocytosis | 1 |
| GO:0110020 | regulation of actomyosin structure organization | 1 |
| GO:0090066 | regulation of anatomical structure size | 1 |
| GO:0002002 | regulation of angiotensin levels in blood | 1 |
| GO:0032098 | regulation of appetite | 1 |
| GO:0050795 | regulation of behavior | 1 |
| GO:0030193 | regulation of blood coagulation | 1 |
| GO:0050880 | regulation of blood vessel size | 1 |
| GO:1903169 | regulation of calcium ion transmembrane transport | 1 |
| GO:0051924 | regulation of calcium ion transport | 1 |
| GO:0043949 | regulation of cAMP-mediated signaling | 1 |
| GO:0006109 | regulation of carbohydrate metabolic process | 1 |
| GO:0050790 | regulation of catalytic activity | 1 |
| GO:0050433 | regulation of catecholamine secretion | 1 |
| GO:0030155 | regulation of cell adhesion | 1 |
| GO:0051726 | regulation of cell cycle | 1 |
| GO:0010941 | regulation of cell death | 1 |
| GO:0045595 | regulation of cell differentiation | 1 |
| GO:0030334 | regulation of cell migration | 1 |
| GO:0042127 | regulation of cell population proliferation | 1 |
| GO:0008360 | regulation of cell shape | 1 |
| GO:0022407 | regulation of cell-cell adhesion | 1 |
| GO:0033632 | regulation of cell-cell adhesion mediated by integrin | 1 |
| GO:0031329 | regulation of cellular catabolic process | 1 |
| GO:0051128 | regulation of cellular component organization | 1 |
| GO:0060341 | regulation of cellular localization | 1 |
| GO:2000112 | regulation of cellular macromolecule biosynthetic process | 1 |
| GO:1903827 | regulation of cellular protein localization | 1 |
| GO:1900034 | regulation of cellular response to heat | 1 |
| GO:0080135 | regulation of cellular response to stress | 1 |
| GO:0045540 | regulation of cholesterol biosynthetic process | 1 |
| GO:0090181 | regulation of cholesterol metabolic process | 1 |
| GO:0042752 | regulation of circadian rhythm | 1 |
| GO:0031347 | regulation of defense response | 1 |
| GO:2000641 | regulation of early endosome to late endosome transport | 1 |
| GO:0030100 | regulation of endocytosis | 1 |
| GO:2000351 | regulation of endothelial cell apoptotic process | 1 |
| GO:0010594 | regulation of endothelial cell migration | 1 |
| GO:0010632 | regulation of epithelial cell migration | 1 |
| GO:0008277 | regulation of G protein-coupled receptor signaling pathway | 1 |
| GO:0010906 | regulation of glucose metabolic process | 1 |
| GO:0002027 | regulation of heart rate | 1 |
| GO:0010817 | regulation of hormone levels | 1 |
| GO:0002682 | regulation of immune system process | 1 |
| GO:0050727 | regulation of inflammatory response | 1 |
| GO:0045088 | regulation of innate immune response | 1 |
| GO:0061178 | regulation of insulin secretion involved in cellular response to glucose stimulus | 1 |
| GO:0033146 | regulation of intracellular estrogen receptor signaling pathway | 1 |
| GO:0051453 | regulation of intracellular pH | 1 |
| GO:1902531 | regulation of intracellular signal transduction | 1 |
| GO:0033143 | regulation of intracellular steroid hormone receptor signaling pathway | 1 |
| GO:0043269 | regulation of ion transport | 1 |
| GO:0043408 | regulation of MAPK cascade | 1 |
| GO:0045634 | regulation of melanocyte differentiation | 1 |
| GO:0042391 | regulation of membrane potential | 1 |
| GO:0007346 | regulation of mitotic cell cycle | 1 |
| GO:1901990 | regulation of mitotic cell cycle phase transition | 1 |
| GO:2000026 | regulation of multicellular organismal development | 1 |
| GO:0006937 | regulation of muscle contraction | 1 |
| GO:0050767 | regulation of neurogenesis | 1 |
| GO:0050999 | regulation of nitric-oxide synthase activity | 1 |
| GO:0019219 | regulation of nucleobase-containing compound metabolic process | 1 |
| GO:0051341 | regulation of oxidoreductase activity | 1 |
| GO:0006885 | regulation of pH | 1 |
| GO:0043393 | regulation of protein binding | 1 |
| GO:0043254 | regulation of protein complex assembly | 1 |
| GO:0032880 | regulation of protein localization | 1 |
| GO:0031399 | regulation of protein modification process | 1 |
| GO:0001932 | regulation of protein phosphorylation | 1 |
| GO:0032271 | regulation of protein polymerization | 1 |
| GO:0031647 | regulation of protein stability | 1 |
| GO:2000241 | regulation of reproductive process | 1 |
| GO:0051252 | regulation of RNA metabolic process | 1 |
| GO:0051930 | regulation of sensory perception of pain | 1 |
| GO:0032872 | regulation of stress-activated MAPK cascade | 1 |
| GO:0006942 | regulation of striated muscle contraction | 1 |
| GO:0032228 | regulation of synaptic transmission, GABAergic | 1 |
| GO:0051966 | regulation of synaptic transmission, glutamatergic | 1 |
| GO:0001991 | regulation of systemic arterial blood pressure by circulatory renin-angiotensin | 1 |
| GO:0003044 | regulation of systemic arterial blood pressure mediated by a chemical signal | 1 |
| GO:0051972 | regulation of telomerase activity | 1 |
| GO:0032210 | regulation of telomere maintenance via telomerase | 1 |
| GO:0006357 | regulation of transcription by RNA polymerase II | 1 |
| GO:0006355 | regulation of transcription, DNA-templated | 1 |
| GO:0035809 | regulation of urine volume | 1 |
| GO:0019229 | regulation of vasoconstriction | 1 |
| GO:0060627 | regulation of vesicle-mediated transport | 1 |
| GO:0030111 | regulation of Wnt signaling pathway | 1 |
| GO:0061041 | regulation of wound healing | 1 |
| GO:0003091 | renal water homeostasis | 1 |
| GO:0048608 | reproductive structure development | 1 |
| GO:0009628 | response to abiotic stimulus | 1 |
| GO:0014823 | response to activity | 1 |
| GO:0009617 | response to bacterium | 1 |
| GO:0051591 | response to cAMP | 1 |
| GO:0042220 | response to cocaine | 1 |
| GO:0034097 | response to cytokine | 1 |
| GO:0009719 | response to endogenous stimulus | 1 |
| GO:0032355 | response to estradiol | 1 |
| GO:0043627 | response to estrogen | 1 |
| GO:0051384 | response to glucocorticoid | 1 |
| GO:0010039 | response to iron ion | 1 |
| GO:1901654 | response to ketone | 1 |
| GO:0032496 | response to lipopolysaccharide | 1 |
| GO:0010226 | response to lithium ion | 1 |
| GO:0043278 | response to morphine | 1 |
| GO:0035094 | response to nicotine | 1 |
| GO:0009268 | response to pH | 1 |
| GO:0034694 | response to prostaglandin | 1 |
| GO:0033574 | response to testosterone | 1 |
| GO:0009636 | response to toxic substance | 1 |
| GO:0034612 | response to tumor necrosis factor | 1 |
| GO:0006986 | response to unfolded protein | 1 |
| GO:0009611 | response to wounding | 1 |
| GO:0048511 | rhythmic process | 1 |
| GO:0033875 | ribonucleoside bisphosphate metabolic process | 1 |
| GO:0016070 | RNA metabolic process | 1 |
| GO:0019932 | second-messenger-mediated signaling | 1 |
| GO:0007600 | sensory perception | 1 |
| GO:0007548 | sex differentiation | 1 |
| GO:0023052 | signaling | 1 |
| GO:0044700 | single organism signaling | 1 |
| GO:0016337 | single organismal cell-cell adhesion | 1 |
| GO:1902578 | single-organism localization | 1 |
| GO:0001501 | skeletal system development | 1 |
| GO:0035725 | sodium ion transmembrane transport | 1 |
| GO:0048240 | sperm capacitation | 1 |
| GO:0001964 | startle response | 1 |
| GO:0048863 | stem cell differentiation | 1 |
| GO:0034446 | substrate adhesion-dependent cell spreading | 1 |
| GO:1902358 | sulfate transmembrane transport | 1 |
| GO:0001963 | synaptic transmission, dopaminergic | 1 |
| GO:0072678 | T cell migration | 1 |
| GO:0007217 | tachykinin receptor signaling pathway | 1 |
| GO:0034142 | toll-like receptor 4 signaling pathway | 1 |
| GO:0006366 | transcription by RNA polymerase II | 1 |
| GO:0006367 | transcription initiation from RNA polymerase II promoter | 1 |
| GO:0006351 | transcription, DNA-templated | 1 |
| GO:0099537 | trans-synaptic signaling | 1 |
| GO:0035295 | tube development | 1 |
| GO:0060065 | uterus development | 1 |
| GO:0048010 | vascular endothelial growth factor receptor signaling pathway | 1 |
| GO:0042310 | vasoconstriction | 1 |
| GO:0046718 | viral entry into host cell | 1 |
| GO:0019058 | viral life cycle | 1 |
| GO:0019062 | virion attachment to host cell | 1 |
| GO:0008542 | visual learning | 1 |
| GO:0042060 | wound healing | 1 |