# Table S4. The KEGG results of the hypoglycemic targets for *Isodon Japonicus.*

| pathway ID | pathway description | frequency |
| --- | --- | --- |
| hsa04015 | Rap1 signaling pathway | 6 |
| hsa04540 | Gap junction | 5 |
| hsa04916 | Melanogenesis | 5 |
| hsa04611 | Platelet activation | 5 |
| hsa04926 | Relaxin signaling pathway | 5 |
| hsa04925 | Aldosterone synthesis and secretion | 4 |
| hsa04024 | cAMP signaling pathway | 4 |
| hsa04062 | Chemokine signaling pathway | 4 |
| hsa04725 | Cholinergic synapse | 4 |
| hsa04927 | Cortisol synthesis and secretion | 4 |
| hsa04934 | Cushing's syndrome | 4 |
| hsa04724 | Glutamatergic synapse | 4 |
| hsa04080 | Neuroactive ligand-receptor interaction | 4 |
| hsa04921 | Oxytocin signaling pathway | 4 |
| hsa05200 | Pathways in cancer | 4 |
| hsa05152 | Tuberculosis | 4 |
| hsa04261 | Adrenergic signaling in cardiomyocytes | 3 |
| hsa05034 | Alcoholism | 3 |
| hsa05146 | Amoebiasis | 3 |
| hsa04371 | Apelin signaling pathway | 3 |
| hsa04022 | cGMP-PKG signaling pathway | 3 |
| hsa04713 | Circadian entrainment | 3 |
| hsa05030 | Cocaine addiction | 3 |
| hsa04728 | Dopaminergic synapse | 3 |
| hsa04915 | Estrogen signaling pathway | 3 |
| hsa04510 | Focal adhesion | 3 |
| hsa04727 | GABAergic synapse | 3 |
| hsa04971 | Gastric acid secretion | 3 |
| hsa04912 | GnRH signaling pathway | 3 |
| hsa05166 | HTLV-I infection | 3 |
| hsa04911 | Insulin secretion | 3 |
| hsa05167 | Kaposi's sarcoma-associated herpesvirus infection | 3 |
| hsa04670 | Leukocyte transendothelial migration | 3 |
| hsa05032 | Morphine addiction | 3 |
| hsa05012 | Parkinson's disease | 3 |
| hsa05133 | Pertussis | 3 |
| hsa04145 | Phagosome | 3 |
| hsa04151 | PI3K-Akt signaling pathway | 3 |
| hsa04914 | Progesterone-mediated oocyte maturation | 3 |
| hsa04810 | Regulation of actin cytoskeleton | 3 |
| hsa04723 | Retrograde endocannabinoid signaling | 3 |
| hsa04970 | Salivary secretion | 3 |
| hsa04714 | Thermogenesis | 3 |
| hsa05140 | Leishmaniasis | 2 |
| hsa05031 | Amphetamine addiction | 2 |
| hsa04360 | Axon guidance | 2 |
| hsa04976 | Bile secretion | 2 |
| hsa04020 | Calcium signaling pathway | 2 |
| hsa04514 | Cell adhesion molecules (CAMs) | 2 |
| hsa05142 | Chagas disease (American trypanosomiasis) | 2 |
| hsa01522 | Endocrine resistance | 2 |
| hsa04640 | Hematopoietic cell lineage | 2 |
| hsa05134 | Legionellosis | 2 |
| hsa04730 | Long-term depression | 2 |
| hsa04720 | Long-term potentiation | 2 |
| hsa05144 | Malaria | 2 |
| hsa01100 | Metabolic pathways | 2 |
| hsa04650 | Natural killer cell mediated cytotoxicity | 2 |
| hsa04114 | Oocyte meiosis | 2 |
| hsa04972 | Pancreatic secretion | 2 |
| hsa04072 | Phospholipase D signaling pathway | 2 |
| hsa05205 | Proteoglycans in cancer | 2 |
| hsa04923 | Regulation of lipolysis in adipocytes | 2 |
| hsa05323 | Rheumatoid arthritis | 2 |
| hsa05131 | Shigellosis | 2 |
| hsa05150 | Staphylococcus aureus infection | 2 |
| hsa04270 | Vascular smooth muscle contraction | 2 |
| hsa05416 | Viral myocarditis | 2 |
| hsa05414 | Dilated cardiomyopathy (DCM) | 2 |
| hsa05221 | Acute myeloid leukemia | 1 |
| hsa04520 | Adherens junction | 1 |
| hsa04920 | Adipocytokine signaling pathway | 1 |
| 5412 | Arrhythmogenic right ventricular cardiomyopathy (ARVC) | 1 |
| hsa04140 | Autophagy - animal | 1 |
| 5100 | Bacterial invasion of epithelial cells | 1 |
| hsa05219 | Bladder cancer | 1 |
| hsa05224 | Breast cancer | 1 |
| hsa00650 | Butanoate metabolism | 1 |
| 4966 | Collecting duct acid secretion | 1 |
| hsa04610 | Complement and coagulation cascades | 1 |
| 4512 | ECM-receptor interaction | 1 |
| hsa01521 | EGFR tyrosine kinase inhibitor resistance | 1 |
| hsa05169 | Epstein-Barr virus infection | 1 |
| hsa04012 | ErbB signaling pathway | 1 |
| hsa05418 | Fluid shear stress and atherosclerosis | 1 |
| hsa04068 | FoxO signaling pathway | 1 |
| hsa00052 | Galactose metabolism | 1 |
| hsa05161 | Hepatitis B | 1 |
| hsa04066 | HIF-1 signaling pathway | 1 |
| hsa05165 | Human papillomavirus infection | 1 |
| 5410 | Hypertrophic cardiomyopathy (HCM) | 1 |
| hsa04657 | IL-17 signaling pathway | 1 |
| hsa04750 | Inflammatory mediator regulation of TRP channels | 1 |
| hsa05164 | Influenza A | 1 |
| 4672 | Intestinal immune network for IgA production | 1 |
| hsa04211 | Longevity regulating pathway | 1 |
| hsa04213 | Longevity regulating pathway - multiple species | 1 |
| hsa04142 | Lysosome | 1 |
| hsa05206 | MicroRNAs in cancer | 1 |
| 4978 | Mineral absorption | 1 |
| hsa04064 | NF-kappa B signaling pathway | 1 |
| hsa04621 | NOD-like receptor signaling pathway | 1 |
| hsa00511 | Other glycan degradation | 1 |
| hsa04913 | Ovarian steroidogenesis | 1 |
| hsa04917 | Prolactin signaling pathway | 1 |
| hsa05215 | Prostate cancer | 1 |
| 4974 | Protein digestion and absorption | 1 |
| 4964 | Proximal tubule bicarbonate reclamation | 1 |
| hsa00230 | Purine metabolism | 1 |
| hsa04014 | Ras signaling pathway | 1 |
| hsa05211 | Renal cell carcinoma | 1 |
| hsa04924 | Renin secretion | 1 |
| 4614 | Renin-angiotensin system | 1 |
| hsa04726 | Serotonergic synapse | 1 |
| 5222 | Small cell lung cancer | 1 |
| hsa04071 | Sphingolipid signaling pathway | 1 |
| hsa00500 | Starch and sucrose metabolism | 1 |
| hsa00100 | Steroid biosynthesis | 1 |
| hsa00072 | Synthesis and degradation of ketone bodies | 1 |
| hsa04742 | Taste transduction | 1 |
| hsa00900 | Terpenoid backbone biosynthesis | 1 |
| hsa04350 | TGF-beta signaling pathway | 1 |
| hsa04659 | Th17 cell differentiation | 1 |
| hsa04919 | Thyroid hormone signaling pathway | 1 |
| hsa04918 | Thyroid hormone synthesis | 1 |
| hsa05145 | Toxoplasmosis | 1 |
| hsa05202 | Transcriptional misregulation in cancer | 1 |
| hsa00280 | Valine, leucine and isoleucine degradation | 1 |
| hsa04370 | VEGF signaling pathway | 1 |
| hsa05203 | Viral carcinogenesis | 1 |