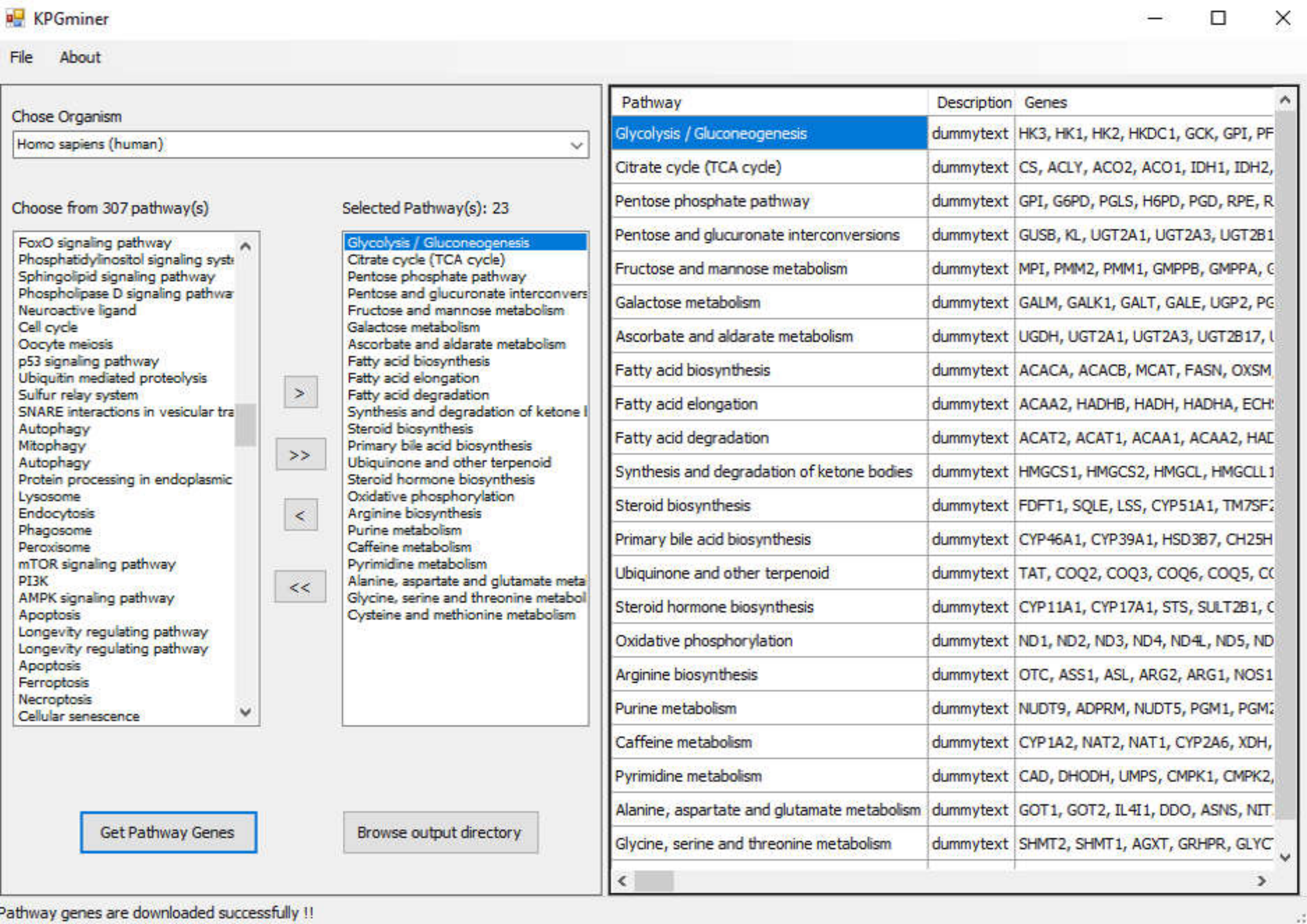
KPGminer
File
About
Chose Organism
Homo sapiens (human)
Choose from 307 pathway(s)
FoxO signaling pathway
Phosphatidylinositol signaling syst
Sphingolipid signaling pathway
Phospholipase D signaling pathwa
Neuroactive ligand
Cell cycle
Oocyte meiosis
p53 signaling pathway
Ubiquitin mediated proteolysis
Sulfur relay system
SNARE interactions in vesicular tra
Autophagy
Mitophagy
Autophagy
Protein processing in endoplasmic
Lysosome
Endocytosis
Phagosome
Peroxisome
mTOR signaling pathway
PI3K
AMPK signaling pathway
Apoptosis
Longevity regulating pathway
Longevity regulating pathway
Apoptosis
Ferroptosis
Necroptosis
Cellular senescence
>
>>
<
<<
Selected Pathway(s): 23
Glycolysis / Gluconeogenesis
Citrate cycle (TCA cycle)
Pentose phosphate pathway
Pentose and glucuronate interconvers
Fructose and mannose metabolism
Galactose metabolism
Ascorbate and aldarate metabolism
Fatty acid biosynthesis
Fatty acid elongation
Fatty acid degradation
Synthesis and degradation of ketone
Steroid biosynthesis
Primary bile acid biosynthesis
Ubiquinone and other terpenoid
Steroid hormone biosynthesis
Oxidative phosphorylation
Arginine biosynthesis
Purine metabolism
Caffeine metabolism
Pyrimidine metabolism
Alanine, aspartate and glutamate meta
Glycine, serine and threonine metabol
Cysteine and methionine metabolism
Get Pathway Genes
Browse output directory
Pathway genes are downloaded successfully !!
Pathway
Description
Genes
Glycolysis / Gluconeogenesis dummytext HK3, HK1, HK2, HKDC1, GCK, GPI, PF
Citrate cycle (TCA cycle) dummytext CS, ACLY, ACO2, ACO1, IDH1, IDH2,
Pentose phosphate pathway dummytext GPI, G6PD, PGLS, H6PD, PGD, RPE, R
Pentose and glucuronate interconversions dummytext GUSB, KL, UGT2A1, UGT2A3, UGT2B1
Fructose and mannose metabolism dummytext MPI, PMM2, PMM1, GMPPB, GMPPA,
Galactose metabolism dummytext GALM, GALK1, GALT, GALE, UGP2, PG
Ascorbate and aldarate metabolism dummytext UGDH, UGT2A1, UGT2A3, UGT2B17,
Fatty acid biosynthesis dummytext ACACA, ACACB, MCAT, FASN, OXSM,
Fatty acid elongation dummytext ACAA2, HADHB, HADH, HADHA, ECH
Fatty acid degradation dummytext ACAT2, ACAT1, ACAA1, ACAA2, HAD
Synthesis and degradation of ketone bodies dummytext HMGCS1, HMGCS2, HMGCL, HMGCLL1
Steroid biosynthesis dummytext FDFT1, SQLE, LSS, CYP51A1, TM7SF2
Primary bile acid biosynthesis dummytext CYP46A1, CYP39A1, HSD3B7, CH25H
Ubiquinone and other terpenoid dummytext TAT, COQ2, COQ3, COQ6, COQ5, CO
Steroid hormone biosynthesis dummytext CYP11A1, CYP17A1, STS, SULT2B1, C
Oxidative phosphorylation dummytext ND1, ND2, ND3, ND4, ND4L, ND5, ND
Arginine biosynthesis dummytext OTC, ASS1, ASL, ARG2, ARG1, NOS1
Purine metabolism dummytext NUDT9, ADPRM, NUDT5, PGM1, PGM2
Caffeine metabolism dummytext CYP1A2, NAT2, NAT1, CYP2A6, XDH,
Pyrimidine metabolism dummytext CAD, DHODH, UMPS, CMPK1, CMPK2,
Alanine, aspartate and glutamate metabolism dummytext GOT1, GOT2, IL4I1, DDO, ASNS, NIT
Glycine, serine and threonine metabolism dummytext SHMT2, SHMT1, AGXT, GRHPR, GLYC