Color Key



GAGE Up-test: -log10(p-value)



hsa04972 Pancreatic secretion hsa04062 Chemokine signaling hsa04672 Intestinal immune net

hsa04630 Jak-STAT signaling p hsa04623 Cytosolic DNA-sensi

hsa00532 Glycosaminoglycan b hsa00564 Glycerophospholipid hsa04622 RIG-I-like receptor s

hsa04514 Cell adhesion molecu hsa04971 Gastric acid secretion hsa00910 Nitrogen metabolism

hsa04141 Protein processing in hsa04380 Osteoclast differentia

hsa04662 B cell receptor signali hsa04973 Carbohydrate digestic hsa00511 Other glycan degrada hsa04614 Renin–angiotensin sy

hsa04666 Fc gamma R-mediate

hsa04964 Proximal tubule bicarl hsa00565 Ether lipid metabolish hsa04640 Hematopoietic cell lin hsa00533 Glycosaminoglycan b

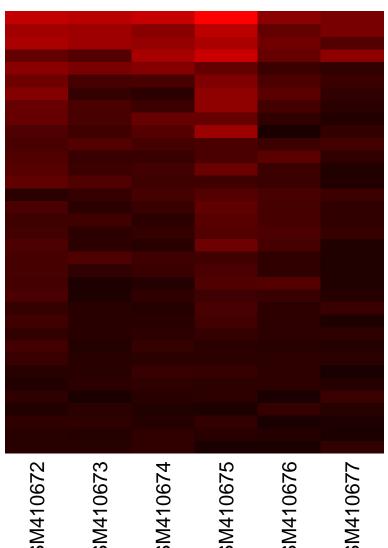
hsa04150 mTOR signaling path hsa00534 Glycosaminoglycan b hsa04210 Apoptosis

hsa00601 Glycosphingolipid bio hsa04920 Adipocytokine signali

Color Key



GAGE Down-test: -log10(p-value)



hsa00620 Pyruvate metabolism hsa00280 Valine, leucine and is hsa03013 RNA transport hsa03410 Base excision repair hsa00190 Oxidative phosphoryla hsa00290 Valine, leucine and is hsa00380 Tryptophan metabolis hsa00630 Glyoxylate and dicarb hsa03430 Mismatch repair

hsa04530 Tight junction hsa00071 Fatty acid metabolism hsa00650 Butanoate metabolisr hsa00310 Lysine degradation hsa00640 Propanoate metabolis hsa00970 Aminoacyl-tRNA bios hsa03008 Ribosome biogenesis hsa04520 Adherens junction hsa04350 TGF-beta signaling p hsa04115 p53 signaling pathwa hsa00020 Citrate cycle (TCA cy

hsa03420 Nucleotide excision re

hsa03040 Spliceosome hsa04110 Cell cycle

hsa03010 Ribosome hsa03030 DNA replication

hsa04310 Wnt signaling pathwa hsa00040 Pentose and glucuror hsa04512 ECM-receptor interaction hsa00980 Metabolism of xenobi hsa00350 Tyrosine metabolism

hsa03022 Basal transcription fac hsa00120 Primary bile acid bios hsa00670 One carbon pool by fo hsa03020 RNA polymerase

hsa00140 Steroid hormone bios

:M410677

Color Key

GAGE test statistics

