GO_Biological_Process_2017 glycosaminoglycan biosynthetic process (GO:0006024) signal transduction (GO:0007165) regulation of histone H3-K9 acetylation (GO:2000615) DNA protection (GO:0042262) nucleoside triphosphate catabolic process (GO:0009143) eparan sulfate proteoglycan biosynthetic process, enzymatic modification (GO:0015015) purine nucleobase biosynthetic process (GO:0009113) positive regulation of transporter activity (GO:0032411) heparan sulfate proteoglycan biosynthetic process (GO:0015012) tetrahydrofolate metabolic process (GO:0046653) 0 1 2 GO_Cellular_Component_2017-log₁₀ P-value peroxisomal membrane (GO:0005778) peroxisome (GO:0005777) FHF complex (GO:0070695) HOPS complex (GO:0030897) guanylate cyclase complex, soluble (GO:0008074) preribosome, large subunit precursor (GO:0030687) photoreceptor disc membrane (GO:0097381) histone methyltransferase complex (GO:0035097) MLL1 complex (GO:0071339) nuclear speck (GO:0016607) 2 1 3 GO_Molecular_Function_2017-log₁₀ P-value nucleoside-triphosphate diphosphatase activity (GO:0047429) AT DNA binding (GO:0003680) acetylglucosaminyltransferase activity (GO:0008375) ATPase activity, coupled (GO:0042623) histone methyltransferase activity (H3-K4 specific) (GO:0042800) 1-phosphatidylinositol binding (GO:0005545) receptor signaling complex scaffold activity (GO:0030159) lysine-acetylated histone binding (GO:0070577) guanylate cyclase activity (GO:0004383) adenylate cyclase activity (GO:0004016) 1 2 -log₁₀ P-value **KEGG_2016** Glycosaminoglycan biosynthesis - heparan sulfate / heparin Homo sapiens hsa00534 Gap junction_Homo sapiens_hsa04540 GnRH signaling pathway Homo sapiens hsa04912 Estrogen signaling pathway_Homo sapiens_hsa04915 Phospholipase D signaling pathway_Homo sapiens_hsa04072 Chemokine signaling pathway_Homo sapiens_hsa04062 One carbon pool by folate_Homo sapiens_hsa00670 Dorso-ventral axis formation_Homo sapiens_hsa04320

Phototransduction_Homo sapiens_hsa04744

1

2 -log₁₀ P-value