

GF gains in Siboglinidae (osedax)

Molecular Function

GO:0038023, signaling receptor activity
 GO:0060089, molecular transducer activity
 GO:0004888, transmembrane signaling receptor
 GO:0005344, oxygen carrier activity
 GO:0005215, transporter activity
 GO:0005509, calcium ion binding
 GO:0005216, ion channel activity
 GO:0022836, gated channel activity
 GO:0015267, channel activity
 GO:0030594, neurotransmitter receptor activity
 GO:0022803, passive transmembrane transporter
 GO:0015464, acetylcholine receptor activity
 GO:0008227, G protein-coupled amine receptor
 GO:0004937, alpha1-adrenergic receptor activity
 GO:0004252, serine-type endopeptidase activity

0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30

Biological Process

GO:0008015, blood circulation
 GO:0003013, circulatory system process
 GO:0014061, regulation of norepinephrine secretion
 GO:0006936, muscle contraction
 GO:0048243, norepinephrine secretion
 GO:0035296, regulation of tube diameter
 GO:0097746, regulation of blood vessel diameter
 GO:0003008, system process
 GO:0035150, regulation of tube size
 GO:0003012, muscle system process
 GO:0035556, intracellular signal transduction
 GO:0006954, inflammatory response
 GO:0008016, regulation of heart contraction
 GO:0050727, regulation of inflammatory response
 GO:0007165, signal transduction

0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30

$-\log_{10}(\text{p-value})$