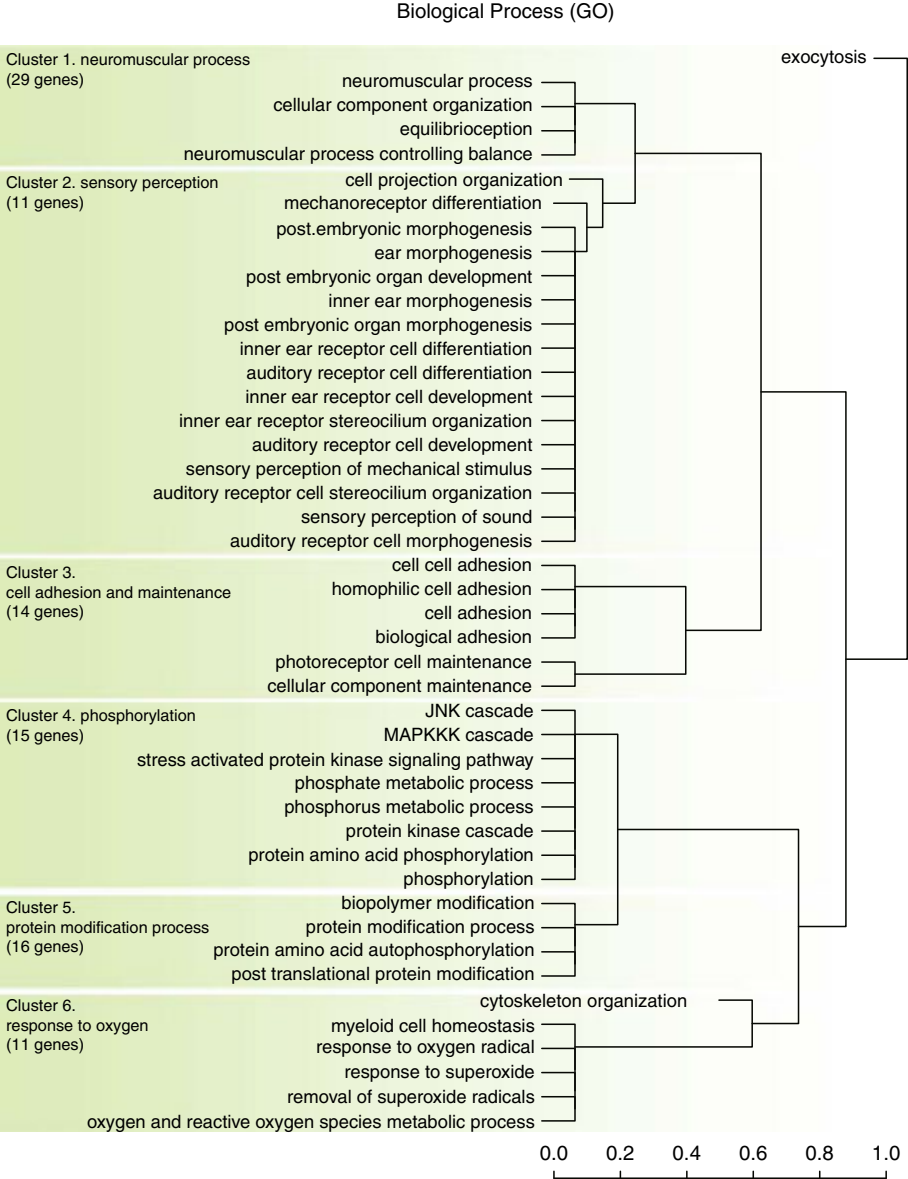
Biological Process (GO)
Cluster 1. neuromuscular process
(29 genes)
neuromuscular process
cellular component organization
equilibrioception
neuromuscular process controlling balance
Cluster 2. sensory perception
(11 genes)
cell projection organization
mechanoreceptor differentiation
post.embryonic morphogenesis
ear morphogenesis
post embryonic organ development
inner ear morphogenesis
post embryonic organ morphogenesis
inner ear receptor cell differentiation
auditory receptor cell differentiation
inner ear receptor cell development
inner ear receptor stereocilium organization
auditory receptor cell development
sensory perception of mechanical stimulus
auditory receptor cell stereocilium organization
sensory perception of sound
auditory receptor cell morphogenesis
Cluster 3.
cell adhesion and maintenance
(14 genes)
cell cell adhesion
homophilic cell adhesion
cell adhesion
biological adhesion
photoreceptor cell maintenance
cellular component maintenance
Cluster 4. phosphorylation
(15 genes)
JNK cascade
MAPKKK cascade
stress activated protein kinase signaling pathway
phosphate metabolic process
phosphorus metabolic process
protein kinase cascade
protein amino acid phosphorylation
phosphorylation
Cluster 5.
protein modification process
(16 genes)
biopolymer modification
protein modification process
protein amino acid autophosphorylation
post translational protein modification
Cluster 6.
response to oxygen
(11 genes)
cytoskeleton organization
myeloid cell homeostasis
response to oxygen radical
response to superoxide
removal of superoxide radicals
oxygen and reactive oxygen species metabolic process
exocytosis
0.0
0.2
0.4
0.6
0.8
1.0