bronchial
nasal
CoV
CoV+Asp
CoV
CoV+Asp
Term size
Gene counts
Immune System:RC
immune system process:GO
secretion:GO
export from cell:GO
cell activation:GO
Keratinization:RC
cornification:GO
keratinization:GO
response to external stimulus:GO
multi−organism process:GO
regulation of immune system process:GO
regulation of response to external stimulus:GO
response to biotic stimulus:GO
defense response:GO
Cytokine Signaling in Immune system:RC
regulation of defense response:GO
regulation of multi−organism process:GO
regulation of cytokine production:GO
cytokine−mediated signaling pathway:GO
regulation of cell adhesion:GO
regulation of response to biotic stimulus:GO
regulation of cell activation:GO
Immunity:KW
response to cytokine:GO
response to virus:GO
negative regulation of multi−organism process:GO
Interferon Signaling:RC
regulation of response to cytokine stimulus:GO
Antiviral defense:KW
Interferon alpha/beta signaling:RC
type I interferon signaling pathway:GO
response to interferon−beta:GO
cell death:GO
anatomical structure formation involved in morphog...:GO
cell communication:GO
tissue development:GO
Differentiation:KW
Ion transport:KW
Apoptosis:KW
Hemostasis:RC
signaling:GO
cell population proliferation:GO
regulation of body fluid levels:GO
regulation of vasculature development:GO
regulation of microtubule−based process:GO
Spermatogenesis:KW
Inflammatory response:KW
Angiogenesis:KW
unsaturated fatty acid metabolic process:GO
O−linked glycosylation:RC
regulation of receptor signaling pathway via STAT:GO
Immunoregulatory interactions between a Lymphoid a...:RC
epidermis development:GO
microtubule bundle formation:GO
regulation of cell killing:GO
Chemotaxis:KW
leukocyte cell−cell adhesion:GO
Gap junction trafficking and regulation:RC
Ectodermal dysplasia:KW
MET promotes cell motility:RC
Interleukin−10 signaling:RC
cyclic nucleotide metabolic process:GO
Carboxyterminal post−translational modifications o...:RC
Binding and Uptake of Ligands by Scavenger Recepto...:RC
Palmoplantar keratoderma:KW
receptor signaling pathway via STAT:GO
peptide cross−linking:GO
peptidyl−glutamic acid modification:GO
regulation of nitric−oxide synthase biosynthetic p...:GO
Keratinization:KW
Epidermolysis bullosa:KW
Peptide transport:KW
Mitochondrial Uncoupling Proteins:RC
Regulation of Insulin−like Growth Factor (IGF) tra...:RC
Post−translational protein phosphorylation:RC
biological adhesion:GO
Cell adhesion:KW
extracellular structure organization:GO
Extracellular matrix organization:RC
cell junction organization:GO
Cell−Cell communication:RC
collagen metabolic process:GO
Collagen degradation:KW
biological regulation:GO
regulation of biological process:GO
positive regulation of biological process:GO
negative regulation of biological process:GO
response to stimulus:GO
developmental process:GO
signal transduction:GO
regulation of response to stimulus:GO
regulation of signaling:GO
regulation of cell communication:GO
regulation of multicellular organismal process:GO
regulation of molecular function:GO
regulation of protein metabolic process:GO
multicellular organismal process:GO
regulation of developmental process:GO
Signal Transduction:RC
cell surface receptor signaling pathway:GO
regulation of phosphorus metabolic process:GO
cell differentiation:GO
regulation of cell death:GO
regulation of cell population proliferation:GO
reproductive process:GO
microtubule−based process:GO
Organelle biogenesis and maintenance:RC
Cilium Assembly:RC
cytoskeleton−dependent intracellular transport:GO
protein−containing complex localization:GO
Centrosome maturation:RC
microtubule−based protein transport:GO
Intraflagellar transport:RC
pattern specification process:GO
Ciliopathy:KW
Signaling by Hedgehog:RC
Retinitis pigmentosa:KW
regulation of smoothened signaling pathway:GO
smoothened signaling pathway:GO
specification of symmetry:GO
Obesity:KW
protein localization to cilium:GO
photoreceptor cell maintenance:GO
Nephronophthisis:KW
Leber congenital amaurosis:KW
regulation of localization:GO
movement of cell or subcellular component:GO
regulation of cellular component movement:GO
regulation of locomotion:GO
locomotion:GO
peptide secretion:GO
protein localization to extracellular region:GO
organonitrogen compound metabolic process:GO
phosphorus metabolic process:GO
small molecule metabolic process:GO
lipid metabolic process:GO
oxidation−reduction process:GO
organic hydroxy compound metabolic process:GO
organelle organization:GO
cellular component assembly:GO
cytoskeleton organization:GO
cell projection organization:GO
organelle assembly:GO
cell projection assembly:GO
cilium organization:GO
Cilium biogenesis/degradation:KW
cilium movement:GO
cilium or flagellum−dependent cell motility:GO
sperm motility:GO
Primary ciliary dyskinesia:KW
extracellular transport:GO
axonemal dynein complex assembly:GO
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
down
up
down
up
down
up
down
up
1
10
100
1e3
1e4
adjusted p−value
(−log10 transform)
2
5
10
15
20
30
40
60
Child
Parent(s)