Tissue–specific GO term enrichment patterns

Oral Epidermis Tissue

GO:0098662 — inorganic cation transmembrane transport
GO:0098655
GO:0006816
GO:0006814

Cluster 1: transport

GO:1902022 — L–lysine transport
GO:0042883
GO:0051939

Cluster 2: amino acid transport

GO:0089718 — amino acid import across plasma membrane
GO:1903352
GO:1902476
GO:1903826
GO:0015881
GO:0045117

Cluster 3: transmembrane transport

GO:0031290 — retinal ganglion cell axon guidance
GO:0007412
GO:0045467
GO:0008594
GO:0007297
GO:0060856

Cluster 4: cell development

GO:0002088 — lens development in camera–type eye
GO:0060041
GO:0048596

Cluster 5: camera–type eye development

GO:0034505 — tooth mineralization
GO:0021545
GO:0060384
GO:0031018
GO:0021549
GO:0010172

Cluster 6: anatomical structure development

GO:0050427 — 3′–phosphoadenosine 5′–phosphosulfate metabolic process
GO:0009812
GO:0046314
GO:0051923
GO:0006068
GO:1901607
GO:0009308
GO:0017148
GO:0016114
GO:0009208

Cluster 7: metabolic process

GO:0050906 — detection of stimulus involved in sensory perception
GO:0050955
GO:0007605
GO:0007600

Cluster 8: sensory perception

GO:1903385 — regulation of homophilic cell adhesion
GO:0010185
GO:0001868
GO:0061484
GO:0050802
GO:0060232
GO:0051693
GO:0006874
GO:0014832
GO:0170033
GO:0071361
GO:0050982

Cluster 9: biological_process

GO:0016079 — synaptic vesicle exocytosis
GO:0014059
GO:0045956
GO:0001956
GO:0014049
GO:0050796

Cluster 10: secretion by cell

GO:0007214 — gamma–aminobutyric acid signaling pathway
GO:0007186
GO:0062208

Cluster 11: signaling

GO:0060080 — inhibitory postsynaptic potential
GO:0051932
GO:1990926
GO:0150099

Cluster 12: cell–cell signaling

−log10(p–value)

Aboral Tissue

GO:0007411 — axon guidance
GO:0045669
GO:0003129
GO:0008347
GO:0002052
GO:0042659
GO:0021891
GO:0050773
GO:0050768
GO:0021781
GO:0014012
GO:0001709
GO:1905207
GO:0010002
GO:0050769

Cluster 1: developmental process

GO:0035846 — oviduct epithelium development
GO:0060745
GO:0060739
GO:0060447
GO:0048808
GO:0060740
GO:0007476
GO:0030707

Cluster 2: anatomical structure development

GO:0060061 — Spemann organizer formation
GO:0048729
GO:1902742
GO:0031099
GO:0036342
GO:0048859

Cluster 3: anatomical structure development

GO:0043589 — skin morphogenesis
GO:0030282
GO:0001501
GO:0003184
GO:0051216
GO:0001656
GO:0035904
GO:0021854
GO:0003197
GO:0003180
GO:0009887
GO:0072070
GO:0042475
GO:0048880

Cluster 4: anatomical structure development

GO:0009953 — dorsal/ventral pattern formation
GO:0002164
GO:0071699
GO:0060898
GO:0048582
GO:0043049
GO:0042067
GO:0009880
GO:0033339
GO:0048598
GO:0007447
GO:0009954

Cluster 5: multicellular organism development

GO:0030198 — extracellular matrix organization
GO:0071711
GO:0085029
GO:0045229
GO:0030199

Cluster 6: external encapsulating structure organization

GO:0070208 — protein heterotrimerization
GO:0099560
GO:0097105
GO:0051965
GO:0050808
GO:1901888
GO:0097104
GO:0036309
GO:0099054
GO:0099151
GO:0045792
GO:1904395

Cluster 7: biological_process

GO:0071873 — response to norepinephrine
GO:0097067
GO:0071300
GO:0071799
GO:0050922
GO:0110096
GO:0071774
GO:0071305
GO:0071230

Cluster 8: response to stimulus

GO:0007156 — homophilic cell adhesion via plasma membrane adhesion molecules
GO:0007157
GO:0016339
GO:0007155
GO:0007160

Cluster 9: cell adhesion

GO:0045747 — positive regulation of Notch signaling pathway
GO:0007162
GO:0060070
GO:0042127
GO:0019755
GO:0006826
GO:0099545
GO:0141091
GO:0010810
GO:1901016

Cluster 10: biological_process

GO:0006958 — complement activation, classical pathway
GO:0002456
GO:0006956

Cluster 11: immune effector process

GO:0090303 — response to bacterium
GO:0009617
GO:0070654
GO:0009608
GO:0009611
GO:0006953

Cluster 12: biological_process

GO:1990708 — conditioned place preference
GO:0097150
GO:0031644
GO:0050817
GO:0097242
GO:0007613

Cluster 13: multicellular organismal process

GO:0031638 — zymogen activation
GO:0030574
GO:0032963
GO:0051045
GO:0006032
GO:0006030
GO:0044550

Cluster 14: metabolic process

−log10(p–value)