

Additional file 5. Early upregulated tongue cluster 1, 2, and 3 functional classification

Functional Group 1 (Probe set IDs)

1421578_at
1419282_at
1421228_at
1418126_at
1420380_at
1449984_at
1419209_at, 1457644_s_at
1419728_at
1418930_at
1419697_at

Functional Group 2

1423754_at
1418612_at
1450322_s_at
1450165_at

Functional Group 3

1435652_a_at
1459315_at
1419042_at, 1419043_a_at
1420549_at
1418240_at, 1435906_x_at
1423619_at
1451905_a_at
1419676_at
1418392_a_at
1417793_at
1449009_at
1422562_at
1417141_at, 1458589_at
1425156_at, 1434380_at

Functional Group 4

1422240_s_at
1422963_at
1449833_at
1420771_at
1450811_at

Chemokines, enrichment Score: 6.46

CHEMOKINE (C-C MOTIF) LIGAND 4
CHEMOKINE (C-C MOTIF) LIGAND 12
CHEMOKINE (C-C MOTIF) LIGAND 7
CHEMOKINE (C-C MOTIF) LIGAND 5
CHEMOKINE (C-C MOTIF) LIGAND 2
CHEMOKINE (C-X-C MOTIF) LIGAND 2
CHEMOKINE (C-X-C MOTIF) LIGAND 1
CHEMOKINE (C-X-C MOTIF) LIGAND 5
CHEMOKINE (C-X-C MOTIF) LIGAND 10
CHEMOKINE (C-X-C MOTIF) LIGAND 11

Negative regulation of cell proliferation, Enrichment Score: 3.34

INTERFERON INDUCED TRANSMEMBRANE PROTEIN 3
SCHLAFEN 1
SCHLAFEN 3
SCHLAFEN 2

GTP binding, Enrichment Score: 3.08

GUANINE NUCLEOTIDE BINDING PROTEIN, ALPHA INHIBITING 2
RAB5C, MEMBER RAS ONCOGENE FAMILY
INTERFERON INDUCIBLE GTPASE 1
GUANYLATE NUCLEOTIDE BINDING PROTEIN 1
GUANYLATE NUCLEOTIDE BINDING PROTEIN 2
RAS, DEXAMETHASONE-INDUCED 1
MYXOVIRUS (INFLUENZA VIRUS) RESISTANCE 1
MYXOVIRUS (INFLUENZA VIRUS) RESISTANCE 2
GUANYLATE NUCLEOTIDE BINDING PROTEIN 4
INTERFERON INDUCIBLE GTPASE 2
T-CELL SPECIFIC GTPASE
RAS-RELATED ASSOCIATED WITH DIABETES
INTERFERON GAMMA INDUCED GTPASE
RIKEN CDNA 9830147J24 GENE

Keratinization/epidermal development, Enrichment Score: 2.27

SMALL PROLINE-RICH PROTEIN 2H
SMALL PROLINE-RICH PROTEIN 2I
SMALL PROLINE-RICH PROTEIN 2F
SMALL PROLINE-RICH PROTEIN 2D
SMALL PROLINE-RICH PROTEIN 2J