





































































































1.2

0.8

Height 0.6

0.4

0.2

Adipor2 -Slc2a1 -Nfkb1 -

Mtor

Stk11 -Rela - Rxra - Acacb - Cpt1a - Ptpn11 - Socs3 -

Akt1

clusters: 19

clusters: 7

e-umber of genes: 45

Tradd . G6pc3 . Acsl5 . Prkag1 . Ikbkb .

Pck2 Tnf Traf2 Ikbkg . Nfkbia . Mapk8 . Prkab2 .

Prkag2 Acsl1 Mapk9 Lepr Jak2

Akt3 Prkaa1

Akt2 .

Nfkbib .

Camkk2 .

Tnfrsf1b .

Nfkbie .

Adipor1 Rxrb Camkk1 Prkab1

































































































































