**mmu04060/Ifngr1/EC_WT**

**mmu04060/Ifngr1/EC_KO**

clusters: 20

clusters: 9

mber of genes: 84

Height

hclust (*, "average")

mmu04060/Ifngr1/EC_KO

**mmu04066/Ifngr1/EC_WT**

mmu04066/Ifngr1/EC_KO

clusters: 20

clusters: 9

number of genes: 70

Height

hclust (*, "average")

**mmu04066/Ifngr1/FAP_WT**

clusters: 29

clusters: 10

number of genes: 66

hclust (*, "average")

**mmu04066/Ifngr1/EC_KO**

clusters: 20

clusters: 7

number of genes: 58

Height

hclust (*, "average")

mmu04380/Ifngr1/EC_WT

clusters: 30

clusters: 13

number of genes: 76

Height

hclust (*, "average")

**mmu04380/Ifngr1/EC_KO**

clusters: 23

clusters: 9

number of genes: 78

Height

hclust (*, "average")

mmu04380/Ifngr1/FAP_WT

# mmu04380/Ifngr1/EC_KO



clusters: 21

clusters: 10

number of genes: 65

Height

hclust (*, "average")

mmu04630/Ifngr1/EC_WT

**mmu04630/Ifngr1/EC_KO**

clusters: 22

clusters: 9

number of genes: 74

Height

hclust (*, "average")

**mmu04630/Ifngr1/FAP_WT**

mmu04630/Ifngr1/EC_KO

mmu04650/Ifngr1/EC_WT

mmu04650/Ifngr1/EC_KO

clusters: 17

clusters: 7

umber of genes: 48

hclust (*, "average")

**mmu04650/Ifngr1/FAP_WT**

clusters: 22

clusters: 9

umber of genes: 44

Height

hclust (*, "average")

**mmu04650/Ifngr1/EC_KO**

clusters: 16

clusters: 10

number of genes: 37

Height

Pak1 Fas Araf Ifngr2 Bid Plcg1 Shc1 Ppp3ca Ppp3cb Prkca Ppp3r1 Grb2 Kras Casp3 Rac1 Ptpn11 Mapk1 Nras Rac3 Ifnar1 Sh3bp2 H2-T23 H2-D1 H2-K1 Vav2 Nfatc1 Map2k1 Ifnar2 Ppp3cc Icam1 Map2k2 Raf1 Pik3r2 Shc2 Ifngr1 Mapk3 Fyn

hclust (*, "average")

**mmu05132/Ifngr1/EC_WT**

clusters: 18

clusters: 6

number of genes: 58

Height

hclust (*, "average")

mmu05132/Ifngr1/EC_KO

hclust (*, "average")

**mmu05132/Ifngr1/FAP_WT**

**mmu05132/Ifngr1/EC_KO**

mmu05140/Ifngr1/EC_WT

clusters: 15

clusters: 9

number of genes: 37

Height

Mapk14
Tgfb2
Tab2
Jun
Traf6
Jak1
Nfkb1
Ifngr1
Nfkbia
Fos
Tlr4
Jak2
Tgfb3
Itgb1
Map3k7
Mapk1
Stat1
Irak4
Tgfb1
Myd88
Mapk12
Irak1
Elk1
Nos2
Rela
Mapk3
Tlr2
Tab1
Nfkbib
Tnf
Mapk11
H2-Ab1
H2-Aa
H2-Eb1
Marcksl1
Cyba
Ifngr2

hclust (*, "average")

mmu05140/Ifngr1/EC_KO

clusters: 14

clusters: 6

umber of genes: 39

Height

1.5

1.0

0.5

0.0

Tab2
Irak1
Mapk14
Nfkb1
Ifngr1
Tlr4
Mapk1
Jak1
Traf6
Map3k7
Itgb1
Jak2
Fos
Myd88
Nos2
Mapk3
Mapk12
Jun
Stat1
Irak4
Tab1
Tgfb3
Tgfb1
Elk1
Il1b
Marcksl1
Ifngr2
Cyba
C3
Tlr2
Ncf2
H2-Aa
H2-Ab1
H2-Eb1
Mapk11
Nfkbib
Tnf
Nfkbia
Rela

hclust (*, "average")

mmu05140/Ifngr1/FAP_WT

clusters: 20

clusters: 9

number of genes: 33

Height

hclust (*, "average")

**mmu05140/Ifngr1/EC_KO**

clusters: 16

clusters: 8

number of genes: 34

Height

hclust (*, "average")

mmu05142/Ifngr1/EC_WT

clusters: 27

clusters: 10

number of genes: 71

Height

hclust (*, "average")

**mmu05142/Ifngr1/EC_KO**

clusters: 18

clusters: 8

mber of genes: 71

Height

hclust (*, "average")

**mmu05142/Ifngr1/FAP_WT**

**mmu05142/Ifngr1/EC_KO**

clusters: 21

clusters: 10

number of genes: 58

Height

hclust (*, "average")

mmu05145/Ifngr1/EC_WT

**mmu05145/Ifngr1/EC_KO**

clusters: 23

clusters: 9

number of genes: 79

Height

hclust (*, "average")

mmu05145/Ifngr1/FAP_WT

**mmu05145/Ifngr1/EC_KO**

mmu05152/Ifngr1/EC_WT

**mmu05152/Ifngr1/EC_KO**

clusters: 24

clusters: 10

number of genes: 101

Height

hclust (*, "average")

**mmu05152/Ifngr1/FAP_WT**

clusters: 35

clusters: 14

mber of genes: 93

Height

hclust (*, "average")

**mmu05152/Ifngr1/EC_KO**

clusters: 29

clusters: 11

mber of genes: 91

Height

hclust (*, "average")

**mmu05162/Ifngr1/EC_WT**

clusters: 31

clusters: 13

mber of genes: 80

hclust (*, "average")

mmu05162/Ifngr1/EC_KO

clusters: 22

clusters: 9

number of genes: 81

Height

hclust (*, "average")

**mmu05162/Ifngr1/FAP_WT**

clusters: 27

clusters: 12

number of genes: 74

Height

hclust (*, "average")

**mmu05162/Ifngr1/EC_KO**

clusters: 24

clusters: 12

number of genes: 68

Height

hclust (*, "average")

**mmu05164/Ifngr1/EC_WT**

clusters: 29

clusters: 11

nber of genes: 109

Height

hclust (*, "average")

**mmu05164/Ifngr1/EC_KO**

clusters: 30

clusters: 13

number of genes: 108

Height

hclust (*, "average")

**mmu05164/Ifngr1/FAP_WT**

clusters: 37

clusters: 16

number of genes: 102

hclust (*, "average")

**mmu05164/Ifngr1/EC_KO**

clusters: 24

clusters: 11

mber of genes: 91

hclust (*, "average")

mmu05168/Ifngr1/EC_WT

clusters: 38

clusters: 14

number of genes: 132

Height

hclust (*, "average")

mmu05168/Ifngr1/EC_KO

**mmu05168/Ifngr1/FAP_WT**

clusters: 41

clusters: 17

number of genes: 125

Height

hclust (*, "average")

**mmu05168/Ifngr1/EC_KO**

clusters: 31

clusters: 12

nber of genes: 122

Height

hclust (*, "average")

mmu05321/Ifngr1/EC_WT

clusters: 14

clusters: 9

number of genes: 24

Height

hclust (*, "average")

**mmu05321/Ifngr1/EC_KO**

clusters: 12

clusters: 5

number of genes: 24

Height

hclust (*, "average")

**mmu05321/Ifngr1/FAP_WT**

clusters: 15

clusters: 8

number of genes: 20

Height

hclust (*, "average")

**mmu05321/Ifngr1/EC_KO**

clusters: 12

clusters: 5

number of genes: 20

Height

hclust (*, "average")