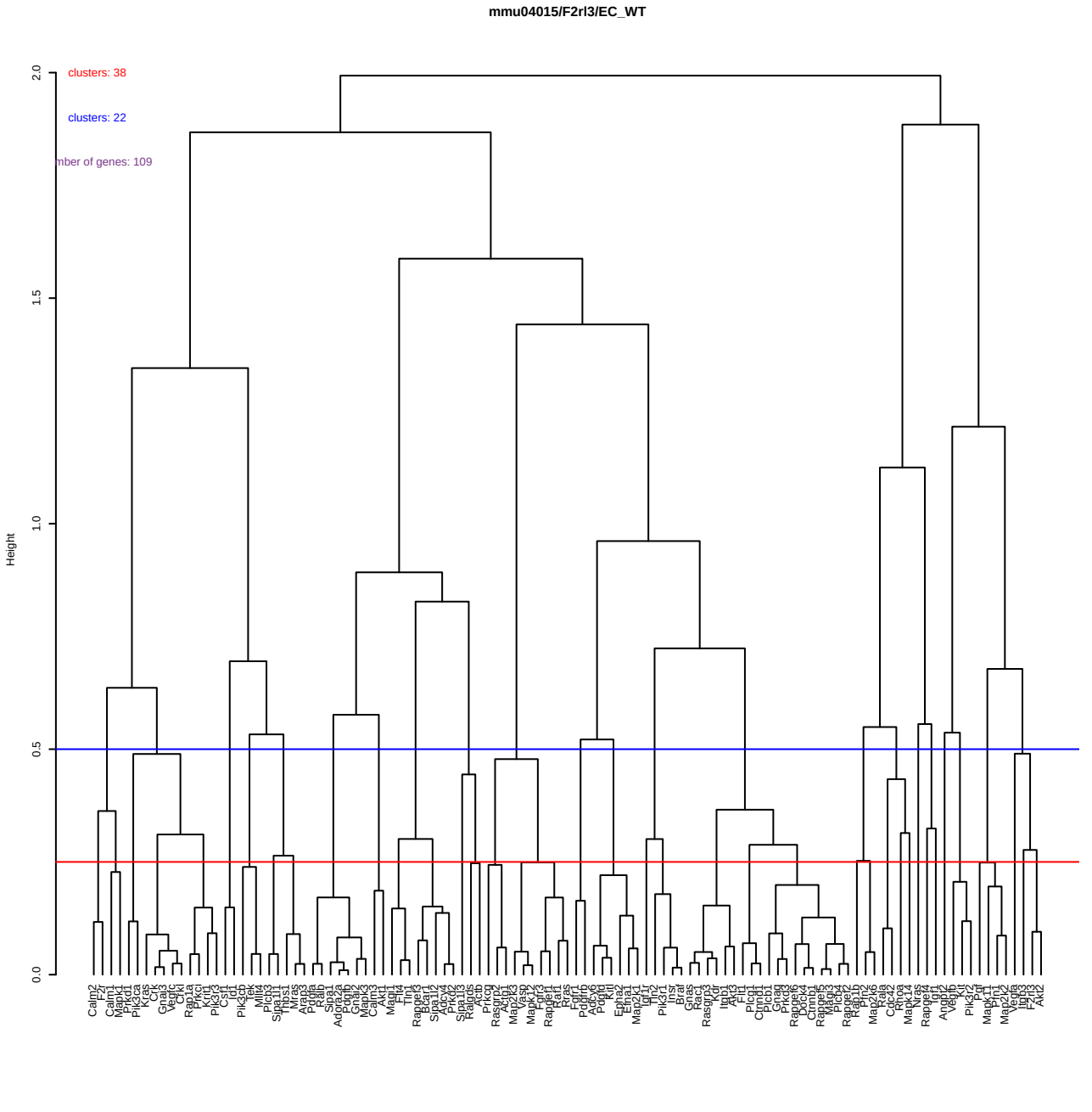
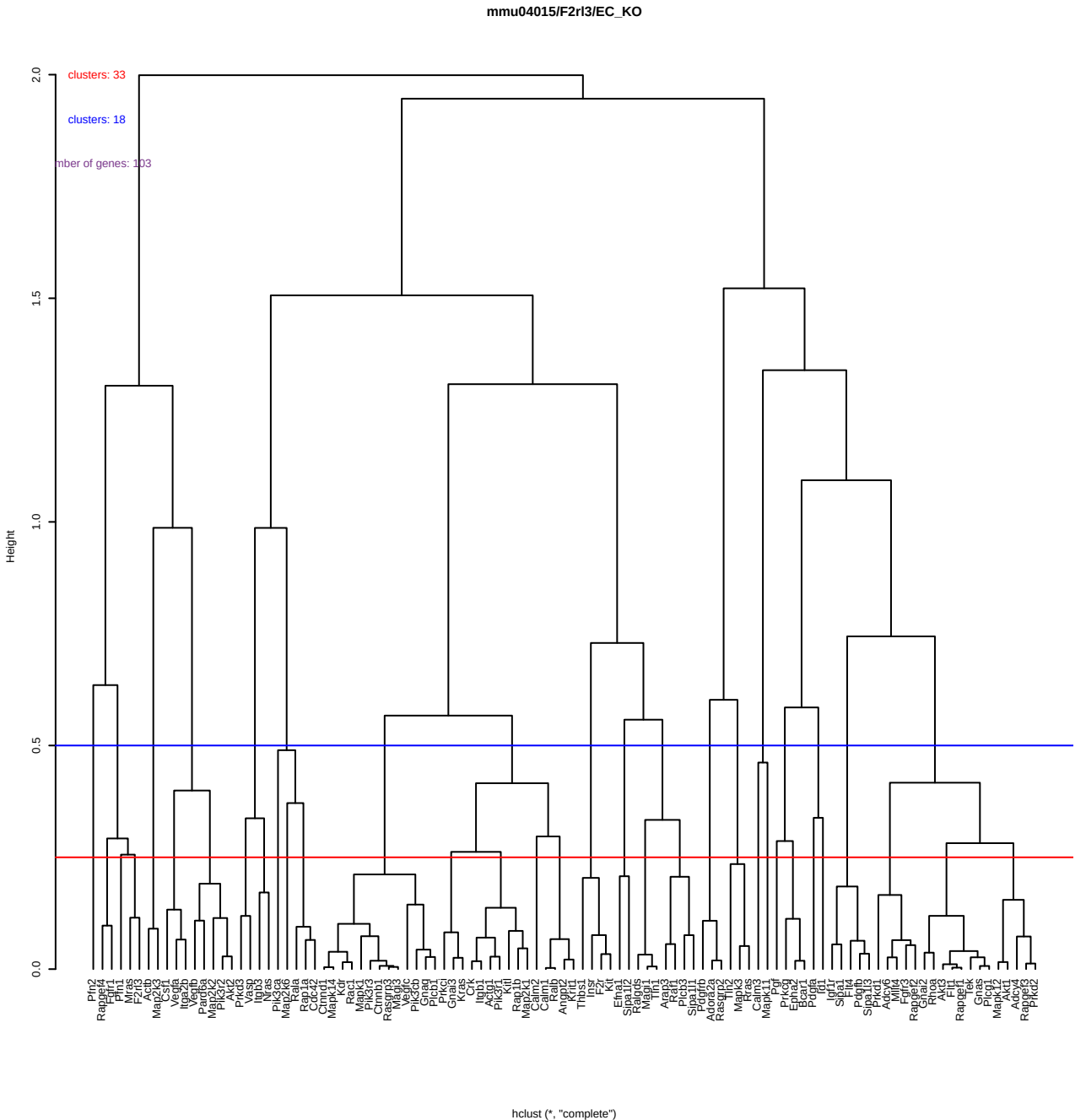
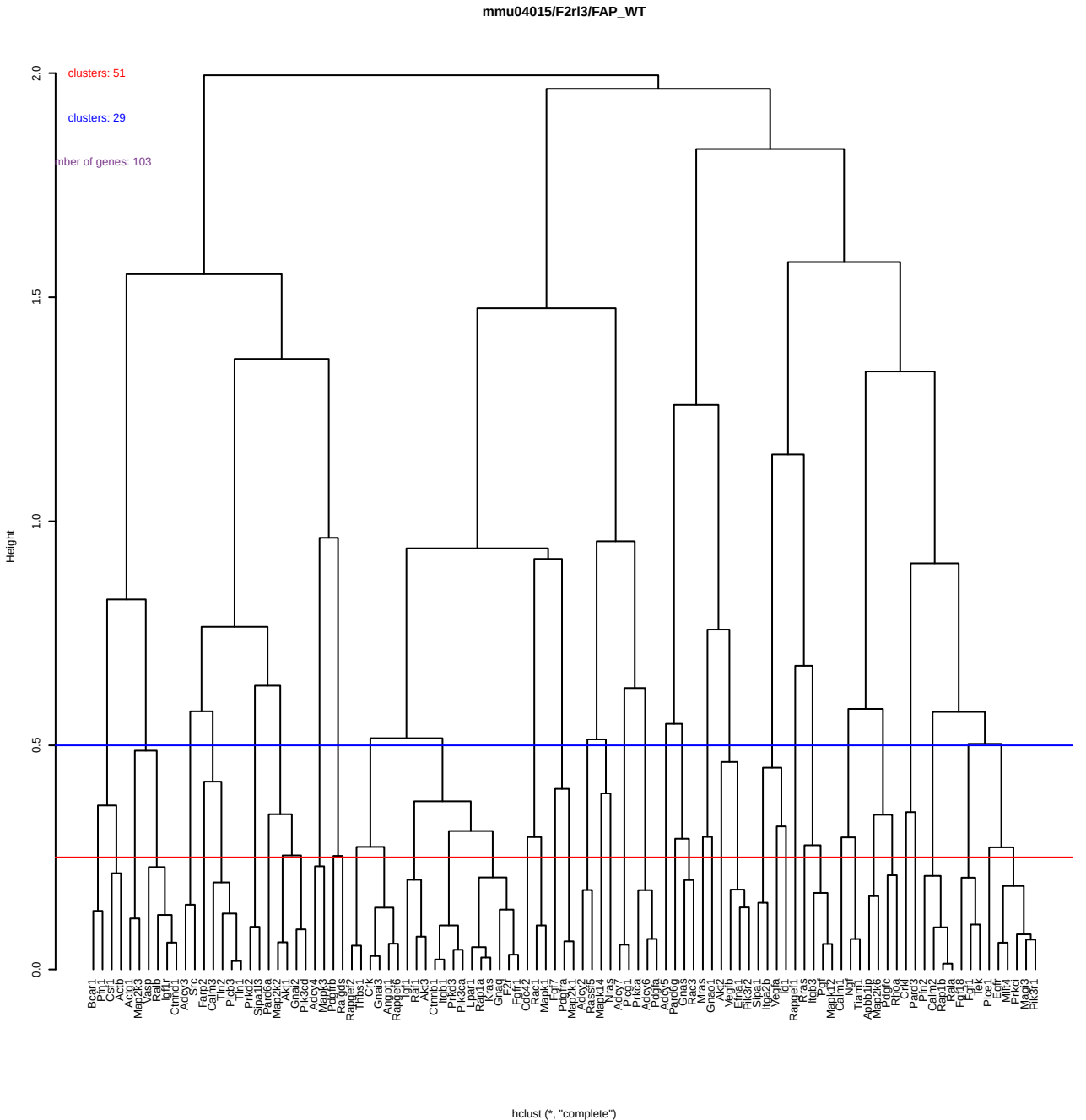
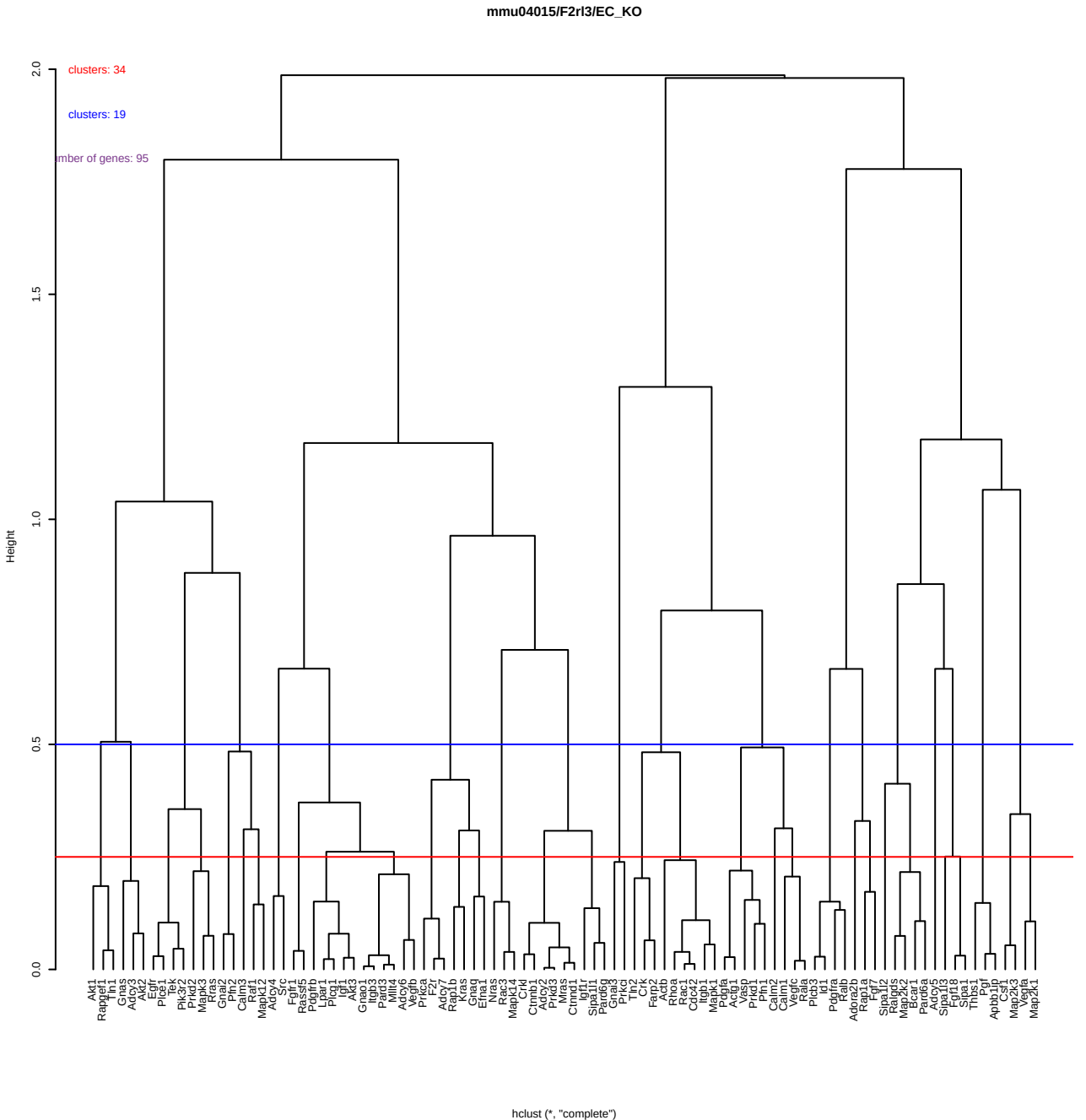
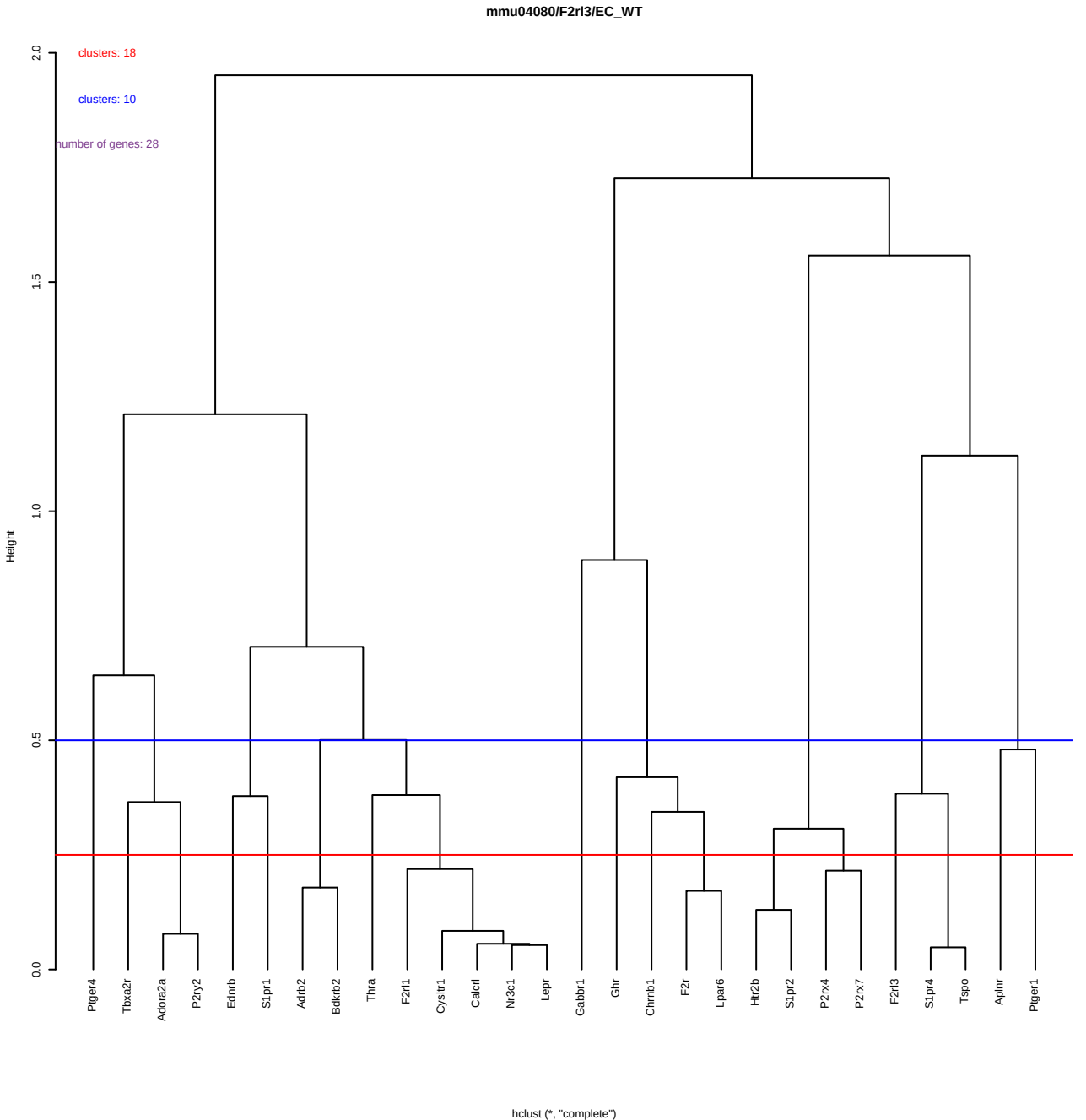

mmu04015/F2rl3/EC_WT
clusters: 38
clusters: 22
mber of genes: 109
Height
2.0
1.5
1.0
0.5
0.0
Calm2
F2r
Calm1
Map4k4
Pik3ca
Kras
Pik3r3
Gnai3
Vegfc
Ctk1
Rpka
Prkca
Krt1
Pik3r3
Cd1
Pik3cb
Ptk
Mlk4
Plcb3
Sipa1l1
Tnfrsf
Nfkbia
Arap3
Pdgfa
Jak1
Stat1
Adora2a
Pdgfb
Pdgfb
Gnb3
Mapk3
Calm3
Akt1
Mapk1
Eif4
Tln1
Rapgef3
Rac1
Sipa1l2
Adcy4
Prkcd
Sipa1l3
Ralgds
Actb
Prkcq
Rasgrp1
Actg1
Map2k3
Mapk9
Pik3r1
Fgfr3
Rapgef1
Ptn
Rras
Fgfr1
Pdgfrb
Adcy6
Pdgfd
Kit
Ephb2
Ephb1
Mapk1
Map2k1
Igf1r
Prlr
Pik3r1
Insr
Braf
Gnas
Rasgrp3
Kdr
Ikbkb
Akt3
Flt1
Plcg1
Cbl
Cmnc1
Plcb1
Gnag
Prkcg
Rapgef6
Dgkd
Dgkd4
Cinnb1
Rapgef5
Mapk3
Plcb4
Rapgef2
Rhoj
Rhoj
Map2k6
Ralg
Ralg
Cbl
Cbl2
Mapk14
Nras
Rapgef4
Ptn
Angpt2
Vegfb
Vegfc
Pik3r2
Pgf
Pgf
Mapk11
Prkcn
Map2k2
Vegfa
Ptpn3
Ptpn3
Akt2
hclust (*, "complete")

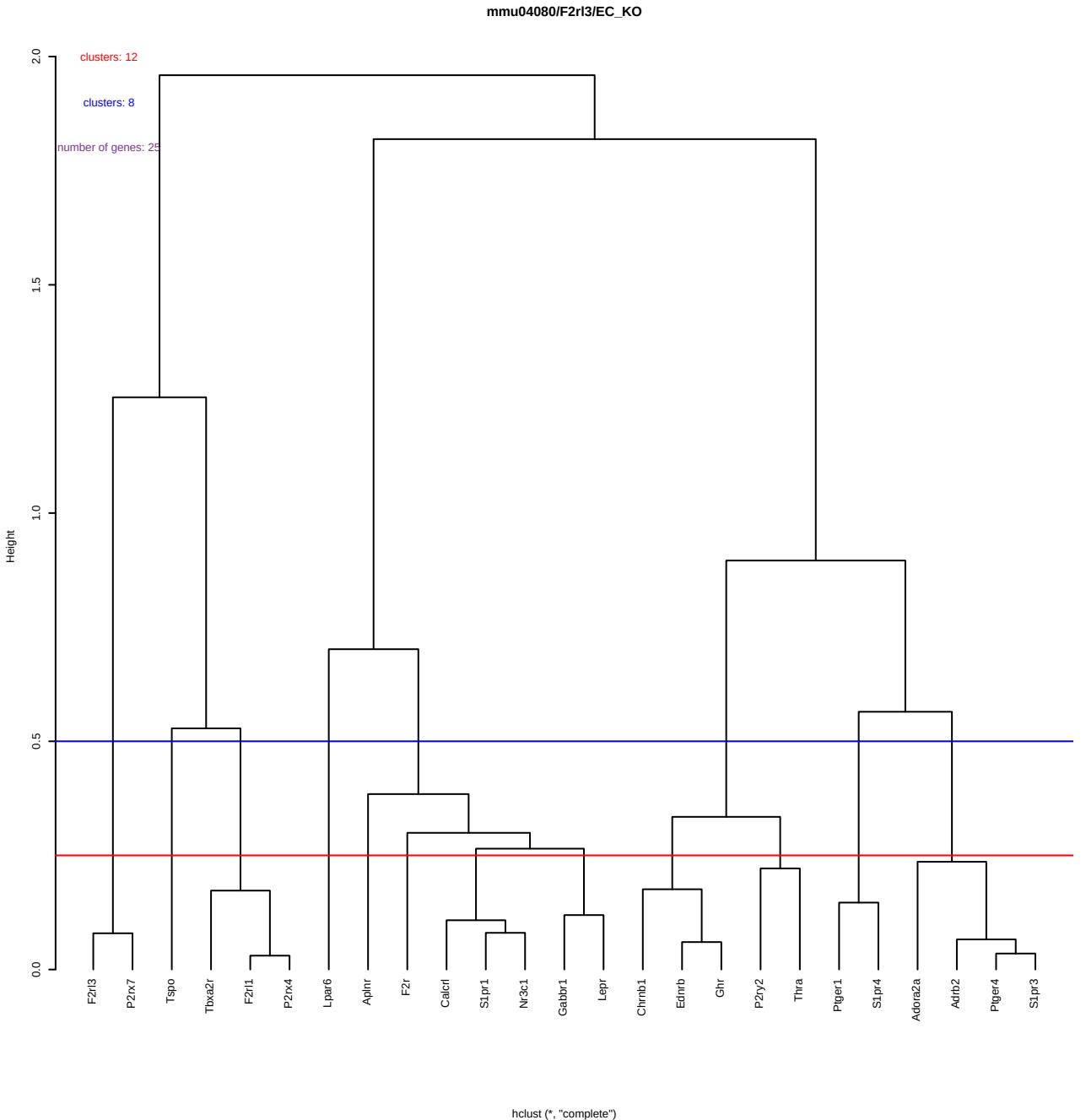

mmu04015/F2rl3/EC_KO
clusters: 33
clusters: 18
mber of genes: 103
Height
2.0
1.5
1.0
0.5
0.0
Pfn2
Rapgef4
Flrt1
Pfn1
Myl6
F2rl3
Actb
Map2k3
Csf1
Vegfa
Itga2b
Vegfb
Pardbp
Mapk12
Pik3r2
Akt2
Prkd3
Vasp
Myl9
Nras
Pik3ca
Map2k6
Rcla
Rapgef6
Cdc42
Ctnnd1
Mapk14
Kdr
Rac1
Mapk1
Pik3r3
Ctnnb1
Rasgrp3
Magi3
Vegfc
Pik3cb
Gsk3b
Plcb1
Prkci
Gnai3
Kras
Crk
Itgb1
Acig1
Pik3r1
Vcl
Ran
Map2k1
Calm2
Calm1
Cam
Angpt2
Klf1
Thbs1
Hsr
Fzr
Kit
Efna1
Sipa1l2
Rapgef1
Magi1
Tln1
Arap3
Rac3
Pik3r3
Sipa1l1
Pdgfrb
Adora2a
Rasgrp2
Ptk2
Mapk3
Rras
Calm3
Mapk11
Pgf
Prkcq
Epha2
Ecar1
Pdcd6
Id1
Igf1r
Sipa1
Hlx
Pdgfb
Sipa1l3
Prkd1
Adcy6
Myl9
Fgfr3
Rapgef2
Gnai2
Rhoa
Akap9
Flt1
Rapgef1
Tek
Gnas
Plcg1
Mapk12
Akt1
Adcy4
Rapgef3
Prkd2
hclust (*, "complete")

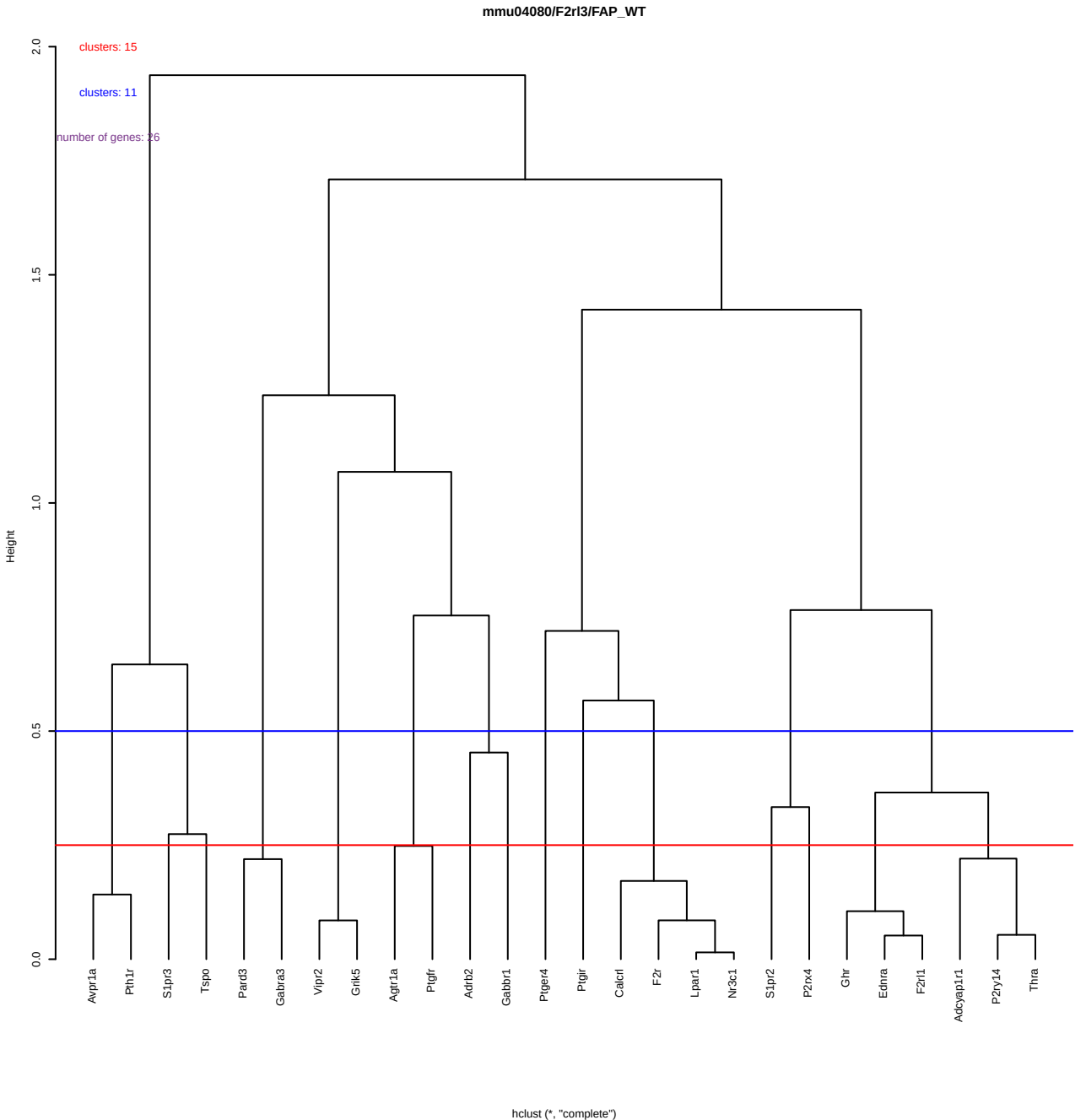


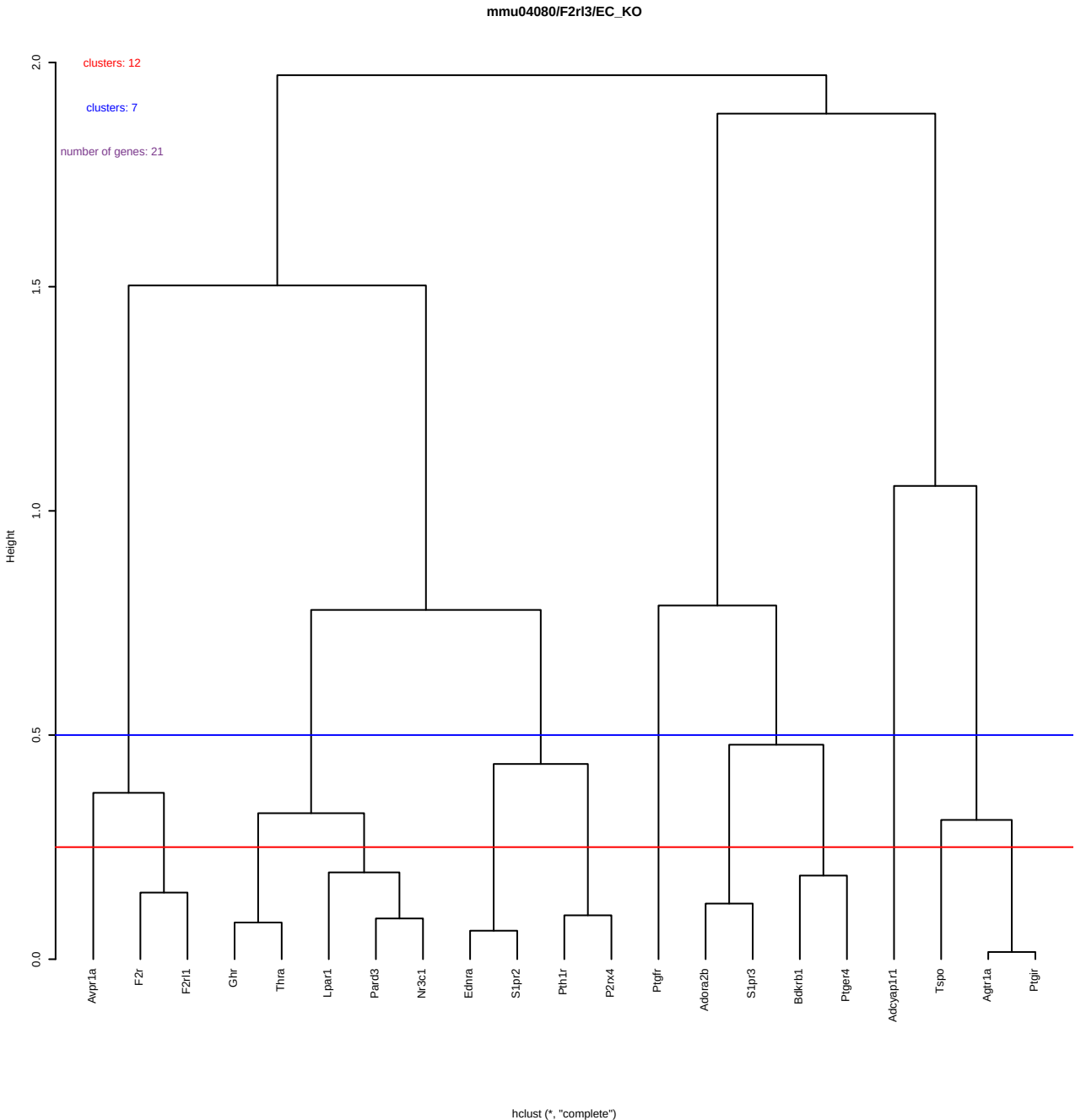
hclust (*, "complete")

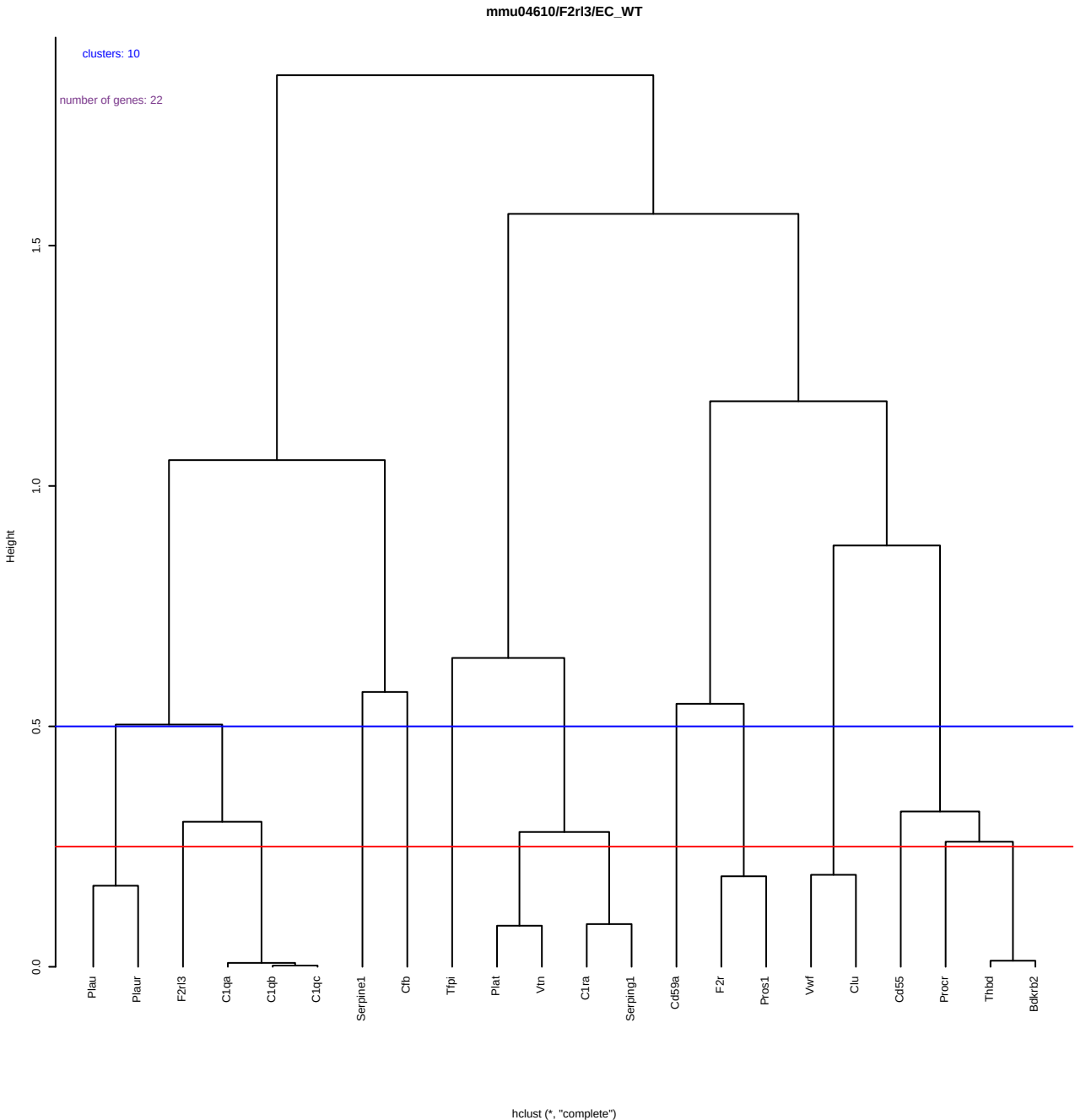

mmu04015/F2rl3/EC_KO
clusters: 34
clusters: 19
mber of genes: 95
Height
0.0
0.5
1.0
1.5
2.0
Akt1
Rapgef1
Tln1
Gnas
Adcy3
Akt2
Esrrb
Plcb1
Tek
Pik3r2
Prkd2
Mapk3
Kras
Gnaq
Pfn2
Calm3
Rat1
Mapk12
Adcy4
Fgfr1
Rasgrf1
Pdgfrb
Lpar1
Plcg1
Ap1
Akt3
Gnao1
Itgb3
Pard3
Mll4
Adcy6
Vegfb
Pik3ca
F2r
Adcy7
Rap1b
Kras
Gnaq
Ehbp1
Nras
Rac3
Mapk14
Crk
Ctnnb1
Adcy2
Pik3r3
Mras
Ctnnd1
Igf1r
Sipa1l1
Pardbp
Grap2
Prkcd
Tln2
Crk
Farp2
Actb
Rhoa
Rac1
Cdc42
Itgb1
Mapk1
Pdgfa
Acig1
Yes1
Pik3r1
Pfn1
Calm2
Calm1
Vegfc
Ralia
Prkcd3
Id1
Pdgfra
Ralb
Adora2b
Rap1a
Egfr
Sipa1l2
Ralgds
Map2k2
Bcar1
Pardba
Adcy5
Sipa1l3
Fgf18
Slpa1
Thbs1
Pgf
Apbb1p
Crk
Map2k3
Vegfa
Map2k1
hclust (*, "complete")

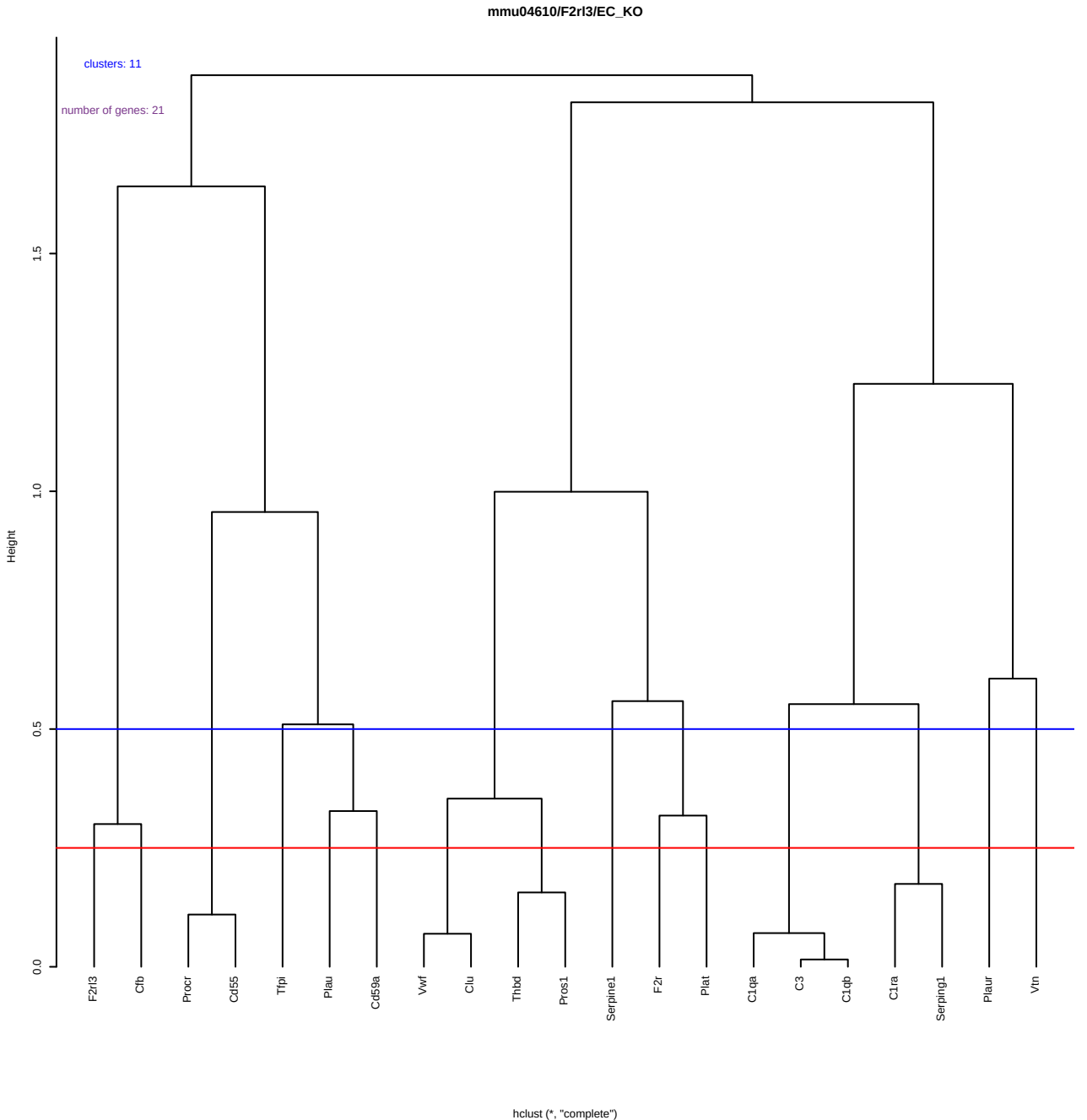

mmu04080/F2rl3/EC_WT
clusters: 18
clusters: 10
number of genes: 28
Height
0.0
0.5
1.0
1.5
2.0
Ptger4
Tbxa2r
Adora2a
P2ry2
Ednrb
S1pr1
Adrb2
Bdkrb2
Thra
F2rl1
Cysltr1
Calcrl
Nr3c1
Lepr
Gabbr1
Ghr
Chrnb1
F2r
Lpar6
Htr2b
S1pr2
P2rx4
P2rx7
F2rl3
S1pr4
Tspo
Aplnr
Ptger1
hclust (*, "complete")

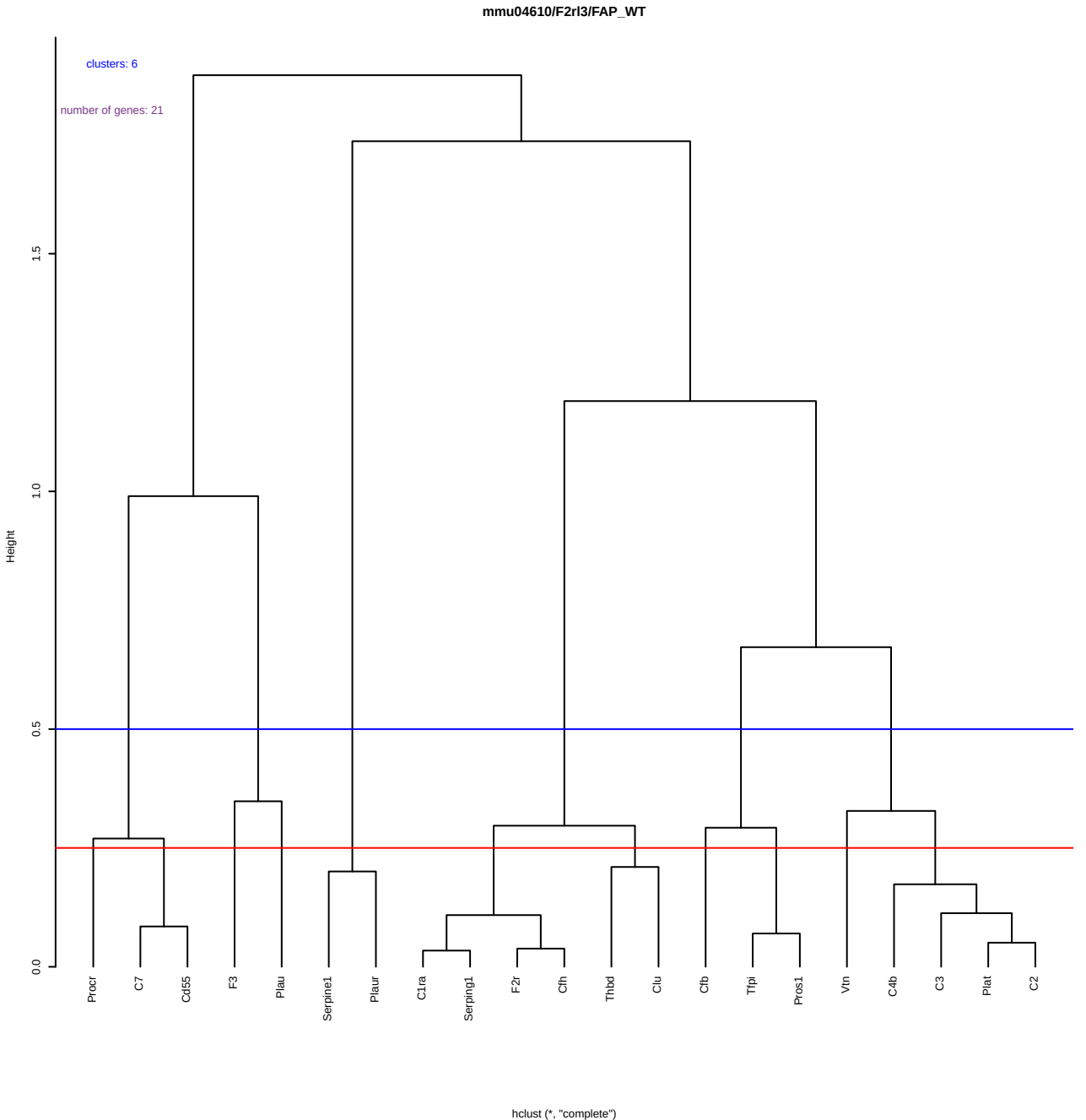

mmu04080/F2rl3/EC_KO
clusters: 12
clusters: 8
number of genes: 25
Height
2.0
1.5
1.0
0.5
0.0
F2rl3
P2rx7
Tspo
Tbxa2r
F2rl1
P2rx4
Lpar6
Aplnr
F2r
Calcrl
S1pr1
Nr3c1
Gabbr1
Lepr
Chrnb1
Ednrb
Ghr
P2ry2
Thra
Ptger1
S1pr4
Adora2a
Adrb2
Ptger4
S1pr3
hclust (*, "complete")

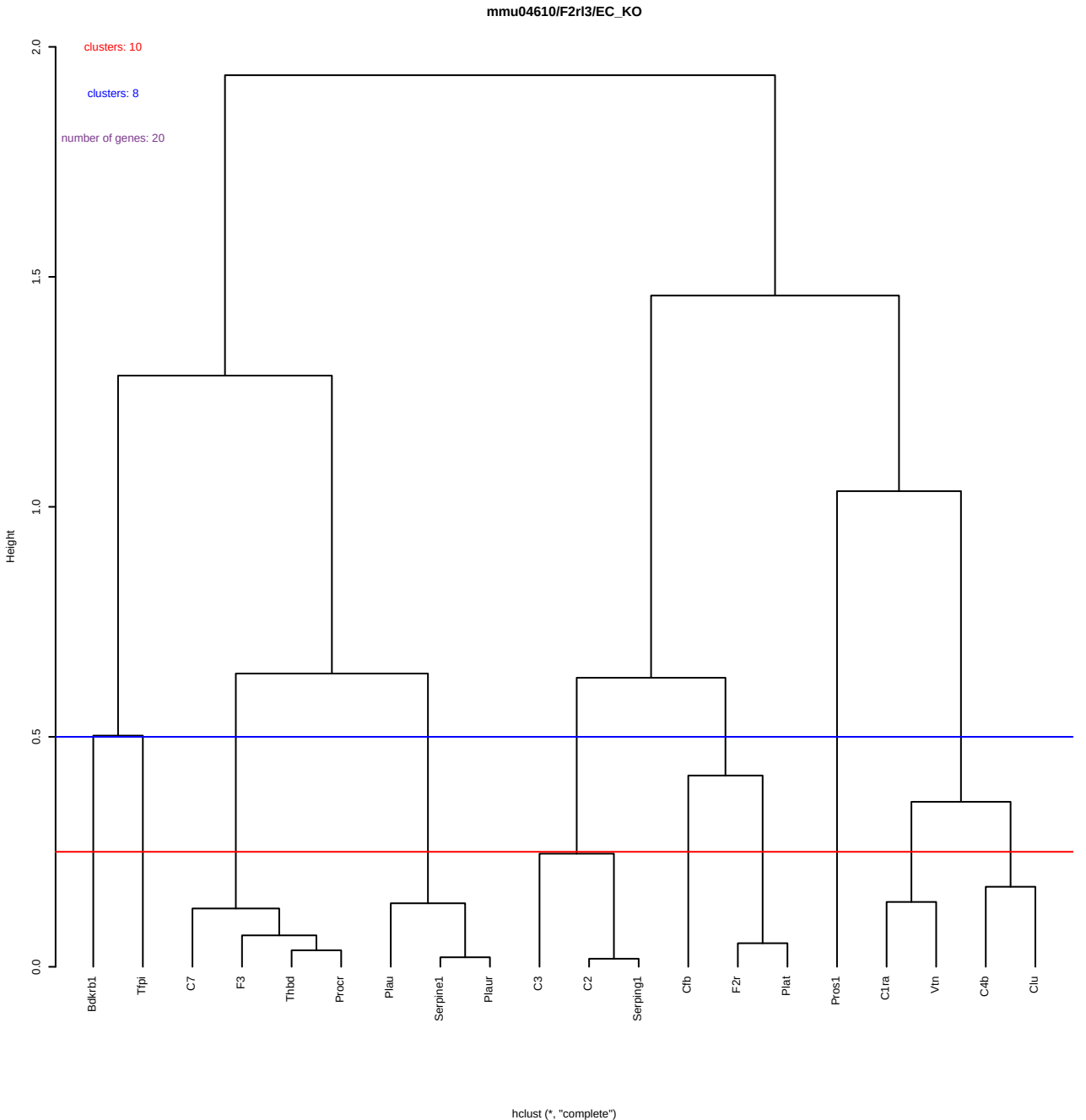

mmu04080/F2rl3/FAP_WT
clusters: 15
clusters: 11
number of genes: 26
Height
2.0
1.5
1.0
0.5
0.0
Avpr1a
Pth1r
S1pr3
Tspo
Pard3
Gabra3
Vipr2
Grik5
Agtr1a
Ptgfr
Adrb2
Gabbr1
Ptger4
Ptgir
Calcrl
F2r
Lpar1
Nr3c1
S1pr2
P2rx4
Ghr
Ednra
F2rl1
Adcyap1r1
P2ry14
Thra
hclust (*, "complete")

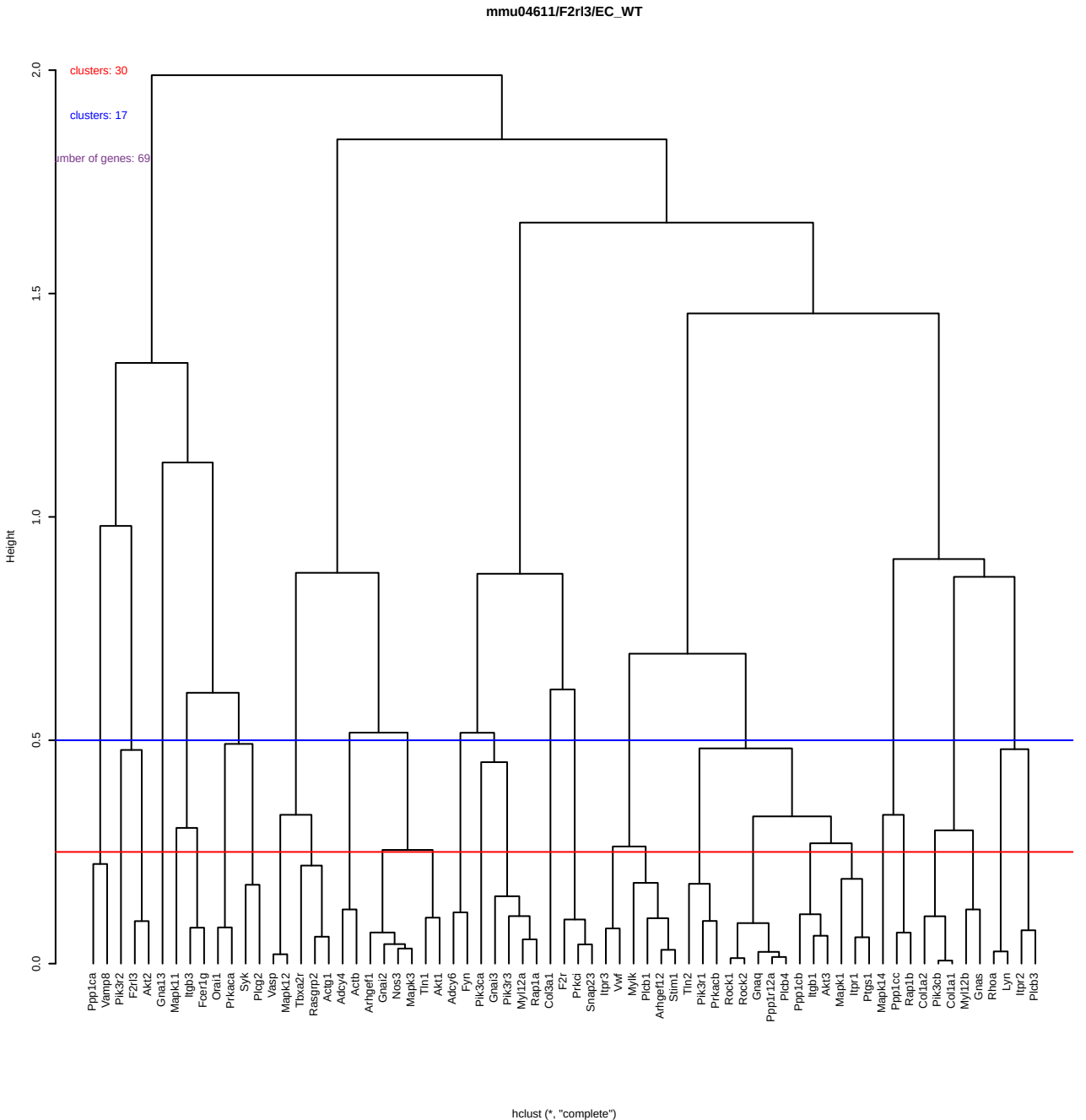

mmu04080/F2rl3/EC_KO
clusters: 12
clusters: 7
number of genes: 21
Height
2.0
1.5
1.0
0.5
0.0
Avpr1a
F2r
F2rl1
Ghr
Thra
Lpar1
Pard3
Nr3c1
Ednra
S1pr2
Pth1r
P2rx4
Ptgfr
Adora2b
S1pr3
Bdkrb1
Ptger4
Adcyap1r1
Tspo
Agtr1a
Ptgir
hclust (*, "complete")

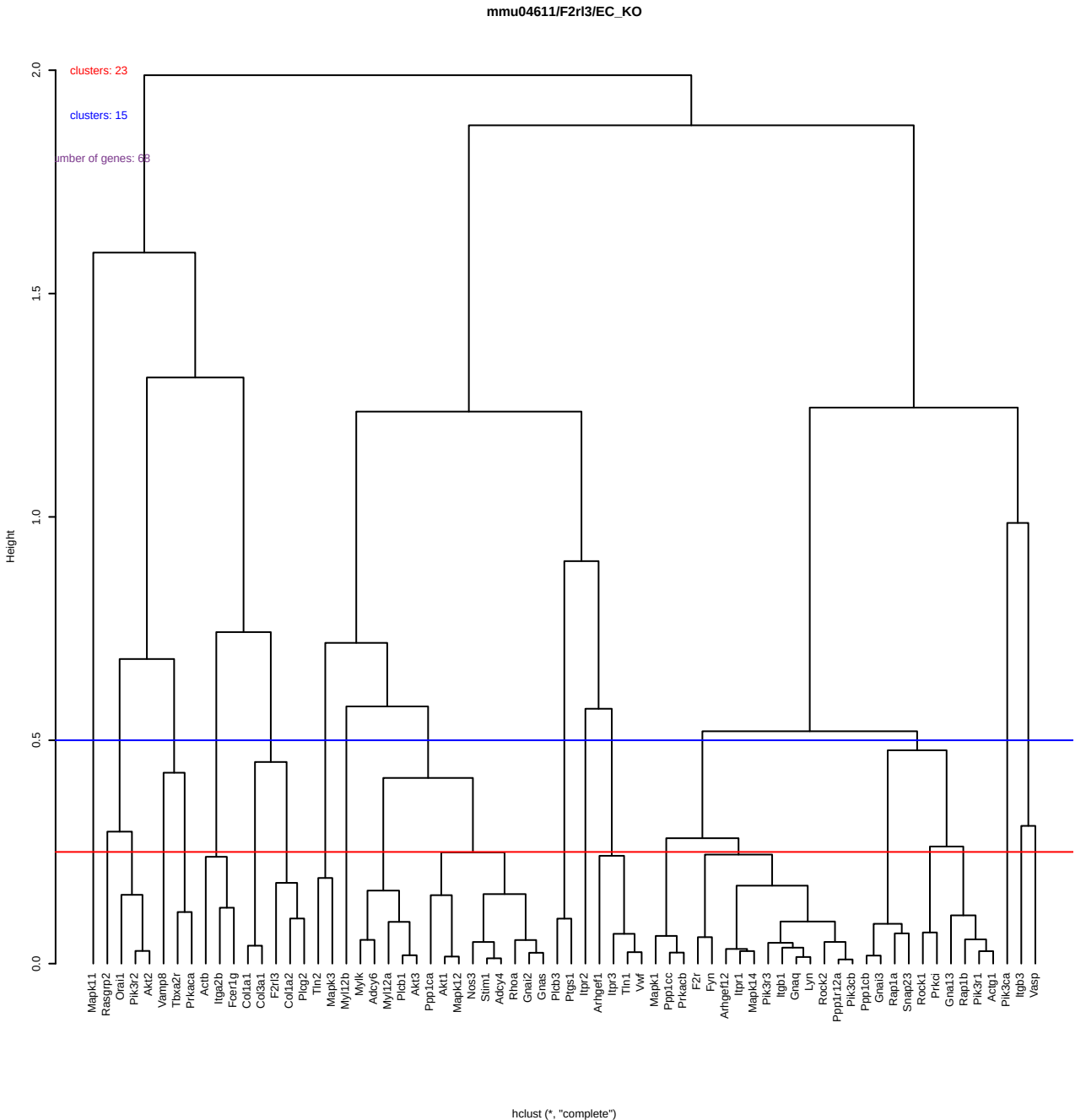

mmu04610/F2rl3/EC_WT
clusters: 10
number of genes: 22
Height
0.0
0.5
1.0
1.5
Plau
Plaur
F2rl3
C1qa
C1qb
C1qc
Serpine1
Cfb
Tfpi
Plat
Vtn
C1ra
Serping1
Cd59a
F2r
Pros1
Vwf
Clu
Cd55
Procr
Thbd
Bdkrb2
hclust (*, "complete")

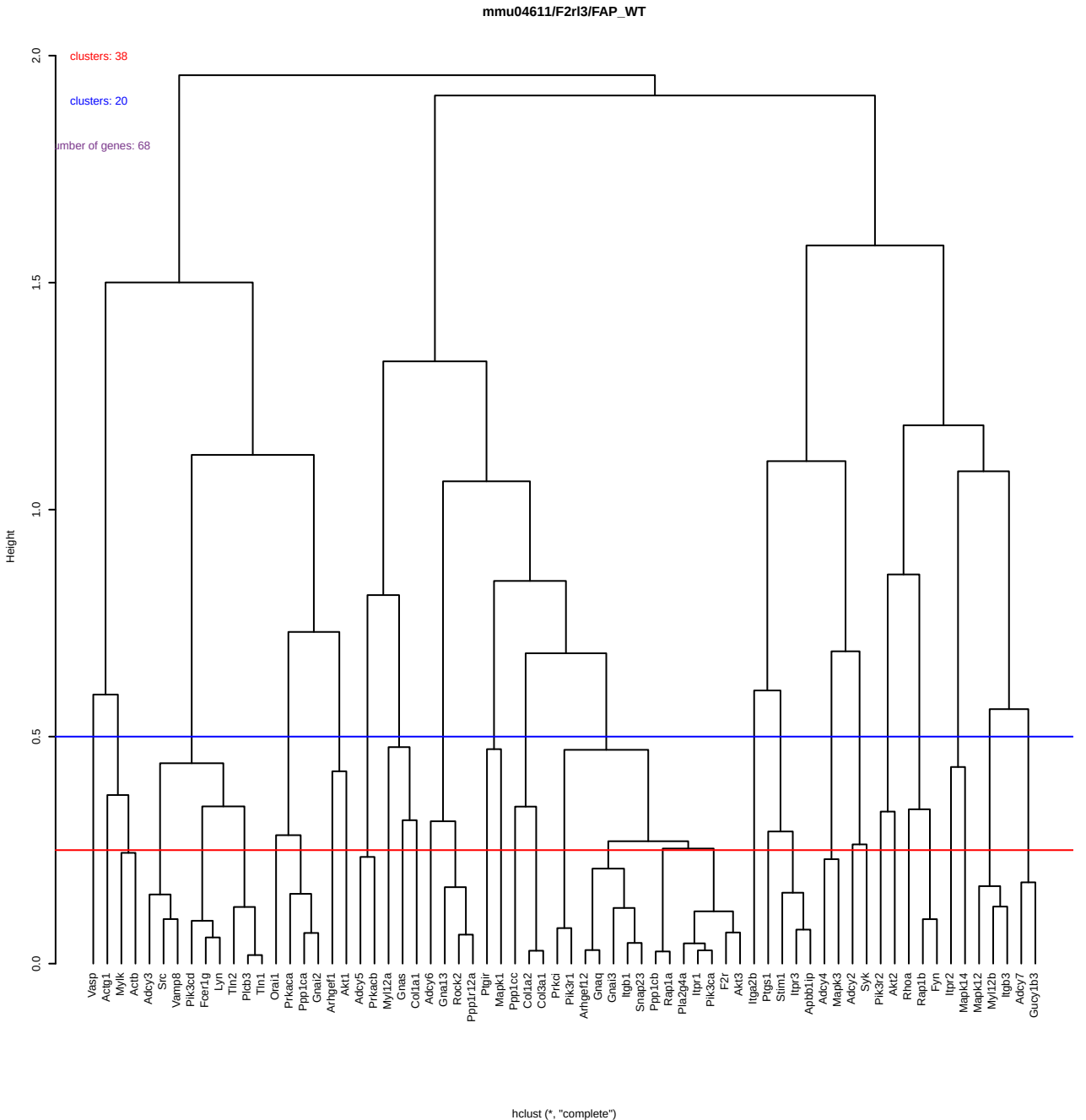

mmu04610/F2rl3/EC_KO
clusters: 11
number of genes: 21
Height
0.0
0.5
1.0
1.5
F2rl3
Cfb
Procr
Cd55
Tfpi
Plau
Cd59a
Vwf
Clu
Thbd
Pros1
Serpine1
F2r
Plat
C1qa
C3
C1qb
C1ra
Serping1
Plaur
Vtn
hclust (*, "complete")

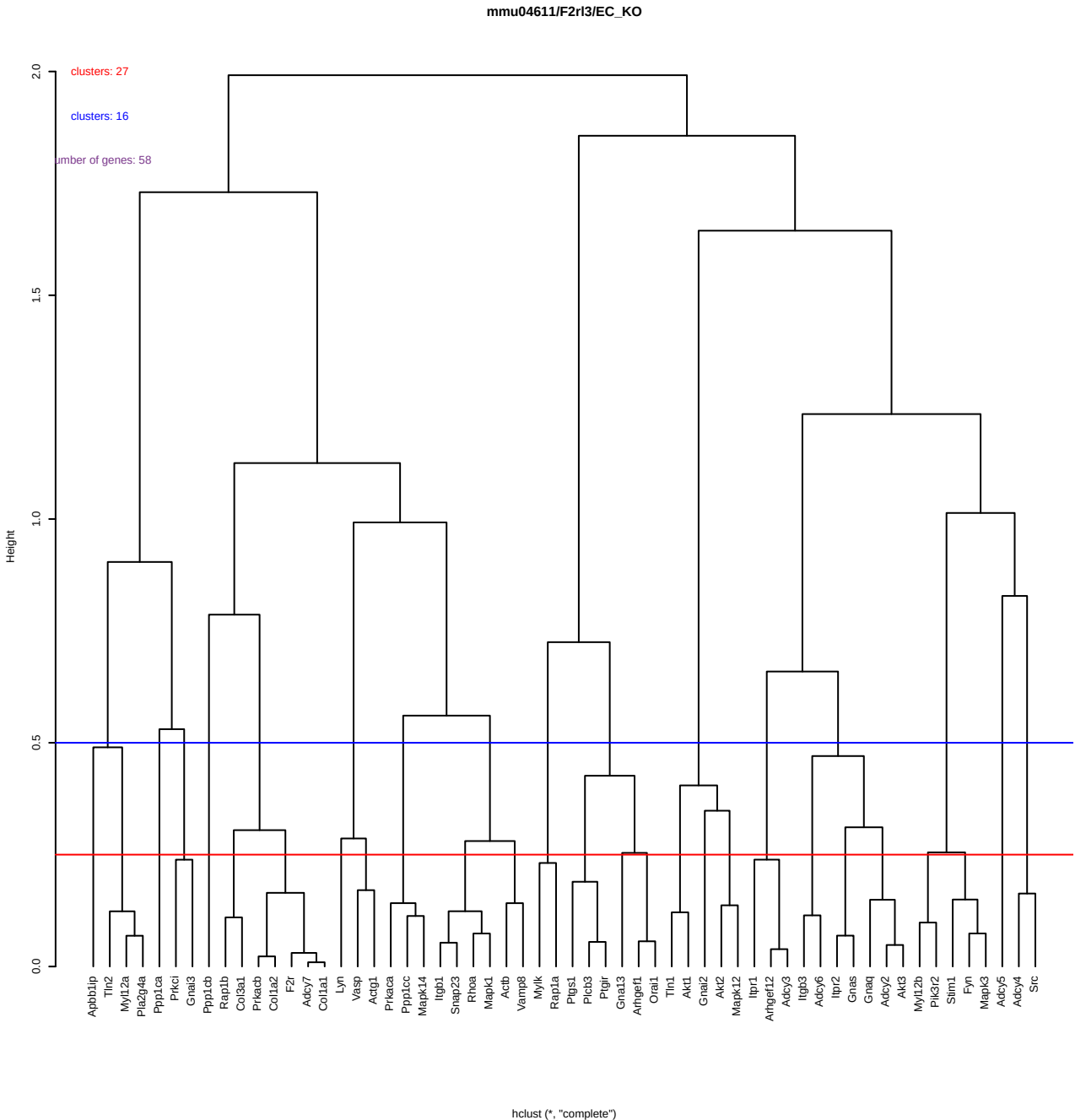

mmu04610/F2rl3/FAP_WT
clusters: 6
number of genes: 21
Height
0.0
0.5
1.0
1.5
Procr
C7
Cd55
F3
Plau
Serpine1
Plaur
C1ra
Serping1
F2r
Cfh
Thbd
Clu
Cfb
Tfpi
Pros1
Vtn
C4b
C3
Plat
C2
hclust (*, "complete")

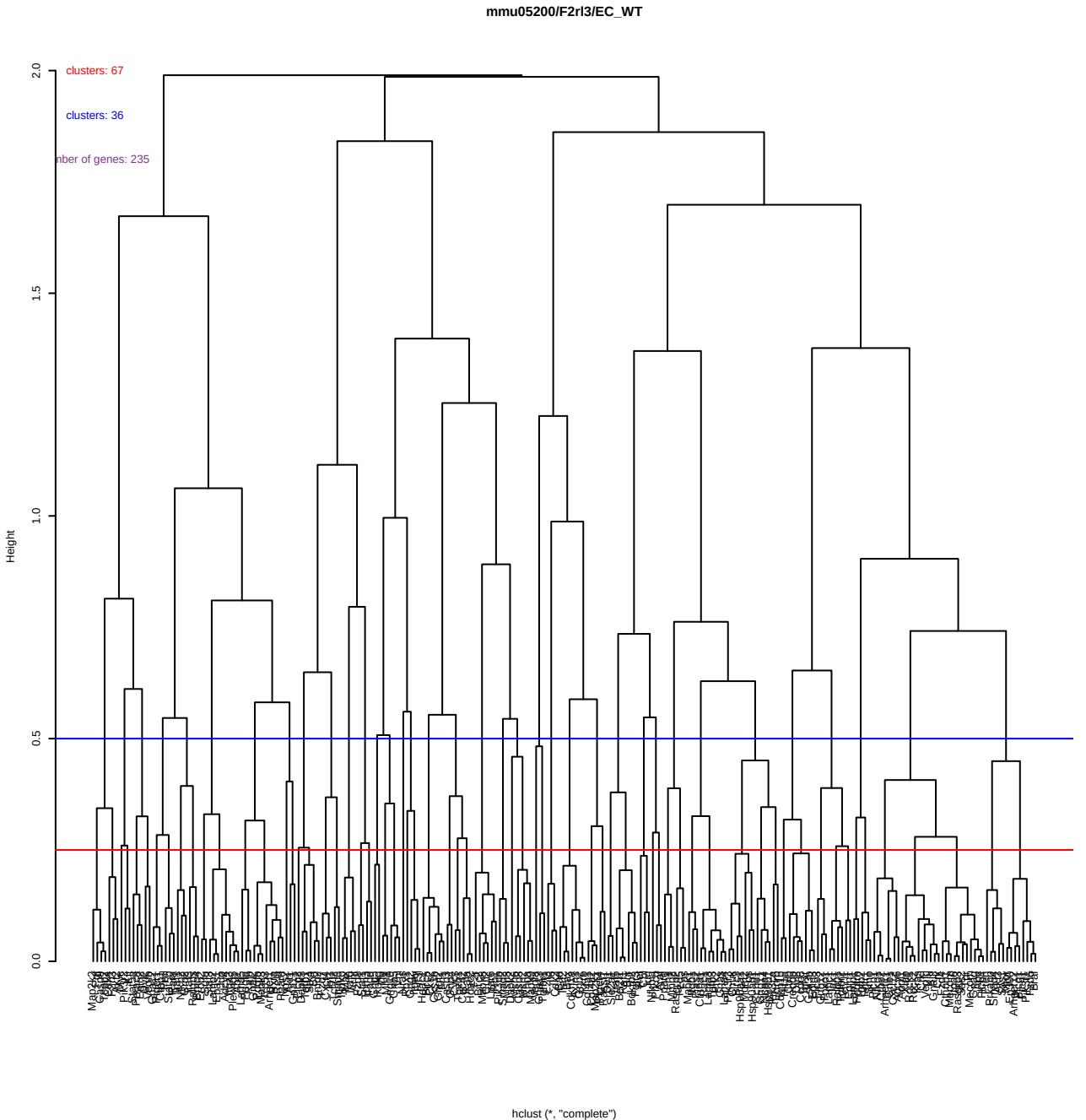

mmu04610/F2rl3/EC_KO
clusters: 10
clusters: 8
number of genes: 20
Height
0.0
0.5
1.0
1.5
2.0
Bdkrb1
Tfpi
C7
F3
Thbd
Procr
Plau
Serpine1
Plaur
C3
C2
Serping1
Cfb
F2r
Plat
Pros1
C1ra
Vtn
C4b
Clu
hclust (*, "complete")

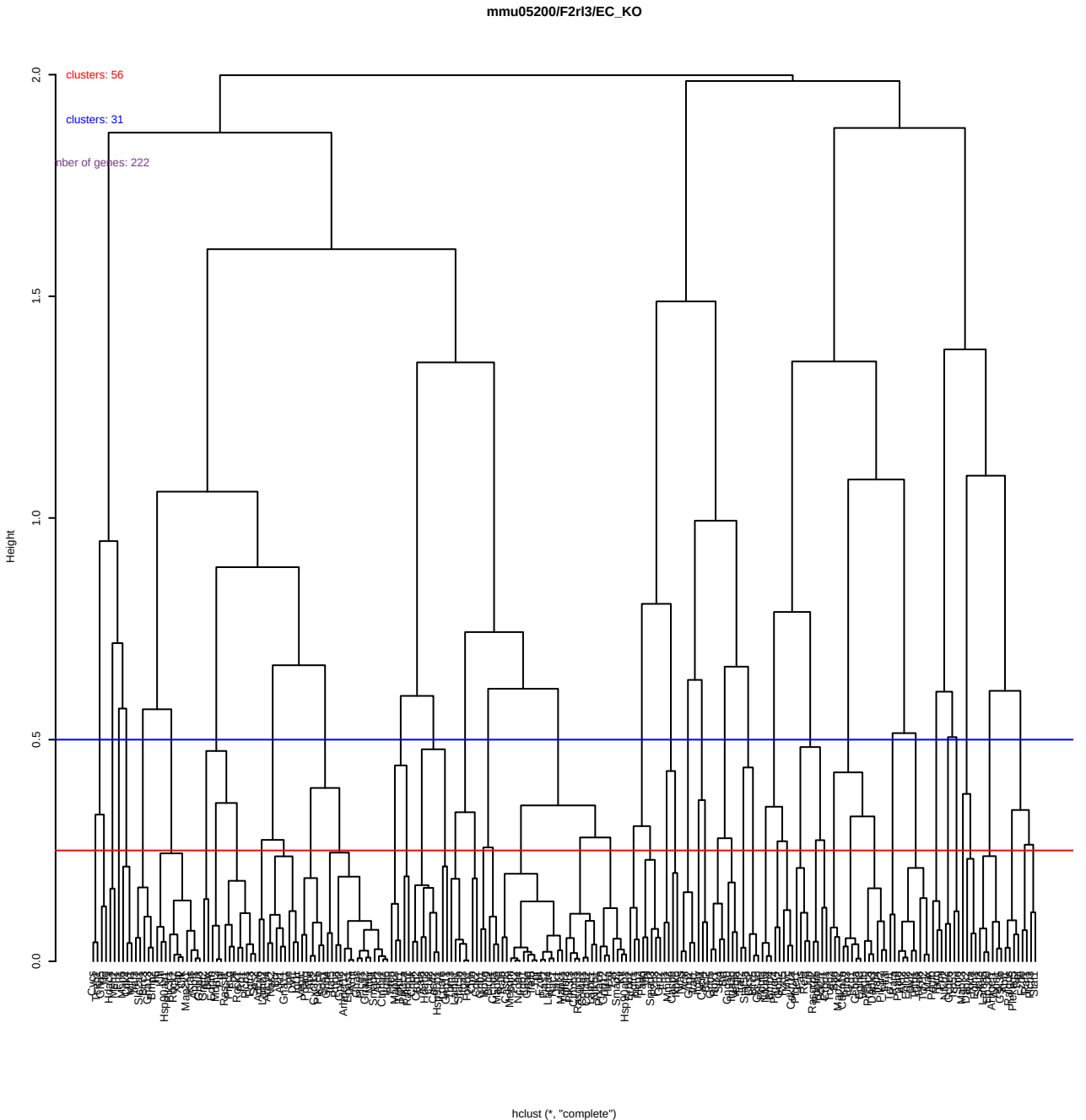

mmu04611/F2rl3/EC_WT
clusters: 30
clusters: 17
umber of genes: 69
Height
0.0
0.5
1.0
1.5
2.0
Ppp1ca
Vamp8
Pik3r2
F2rl3
Akt2
Gna13
Mapk11
Itgb3
Fcer1g
Orai1
Prkaca
Syk
Plcg2
Vasp
Mapk12
Tbxa2r
Rasgrp2
Actg1
Adcy4
Actb
Arhgef1
Gnai2
Nos3
Mapk3
Tln1
Akt1
Adcy6
Fyn
Pik3ca
Gnai3
Pik3r3
Myl12a
Rap1a
Col3a1
F2r
Prkci
Snap23
Itpr3
Vwf
Mylk
Plcb1
Arhgef12
Stim1
Tln2
Pik3r1
Prkacb
Rock1
Rock2
Gnaq
Ppp1r12a
Plcb4
Ppp1cb
Itgb1
Akt3
Mapk1
Itpr1
Ptgs1
Mapk14
Ppp1cc
Rap1b
Col1a2
Pik3cb
Col1a1
Myl12b
Gnas
Rhoa
Lyn
Itpr2
Plcb3
hclust (*, "complete")

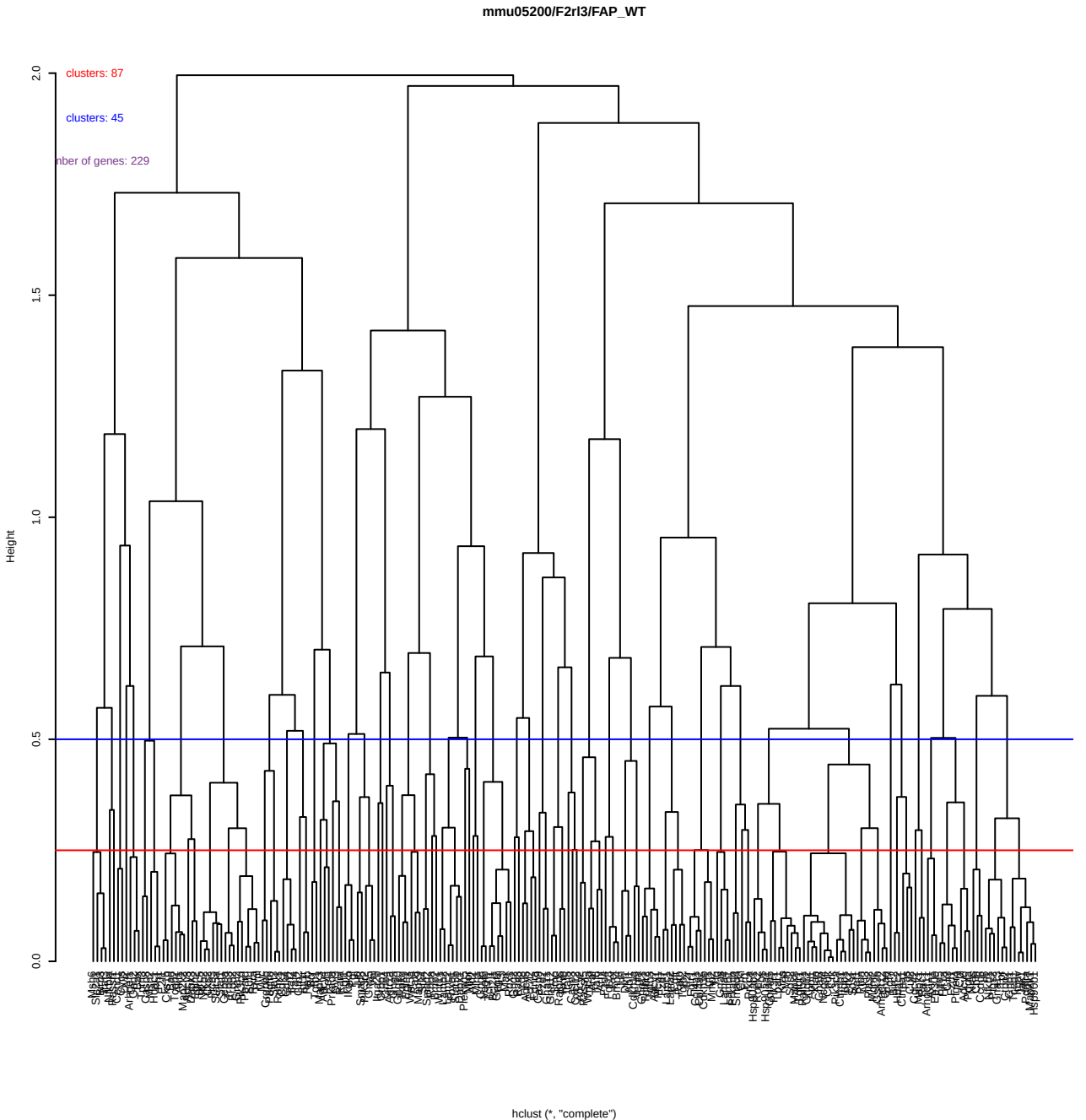

mmu04611/F2rl3/EC_KO
clusters: 23
clusters: 15
umber of genes: 68
Height
2.0
1.5
1.0
0.5
0.0
Mapk11
Rasgrp2
Orai1
Pik3r2
Akt2
Vamp8
Tbxa2r
Prkaca
Actb
Itga2b
Fcer1g
Col1a1
Col3a1
F2rl3
Col1a2
Plcg2
Tln2
Mapk3
Myl12b
Mylk
Adcy6
Myl12a
Plcb1
Akt3
Ppp1ca
Akt1
Mapk12
Nos3
Stim1
Adcy4
Rhoa
Gnai2
Gnas
Plcb3
Ptgs1
Itpr2
Arhgef1
Itpr3
Tln1
Vwf
Mapk1
Ppp1cc
Prkacb
F2r
Fyn
Arhgef12
Itpr1
Mapk14
Pik3r3
Itgb1
Gnaq
Lyn
Rock2
Ppp1r12a
Pik3cb
Ppp1cb
Gnai3
Rap1a
Snap23
Rock1
Prkci
Gna13
Rap1b
Pik3r1
Actg1
Pik3ca
Itgb3
Vasp
hclust (*, "complete")

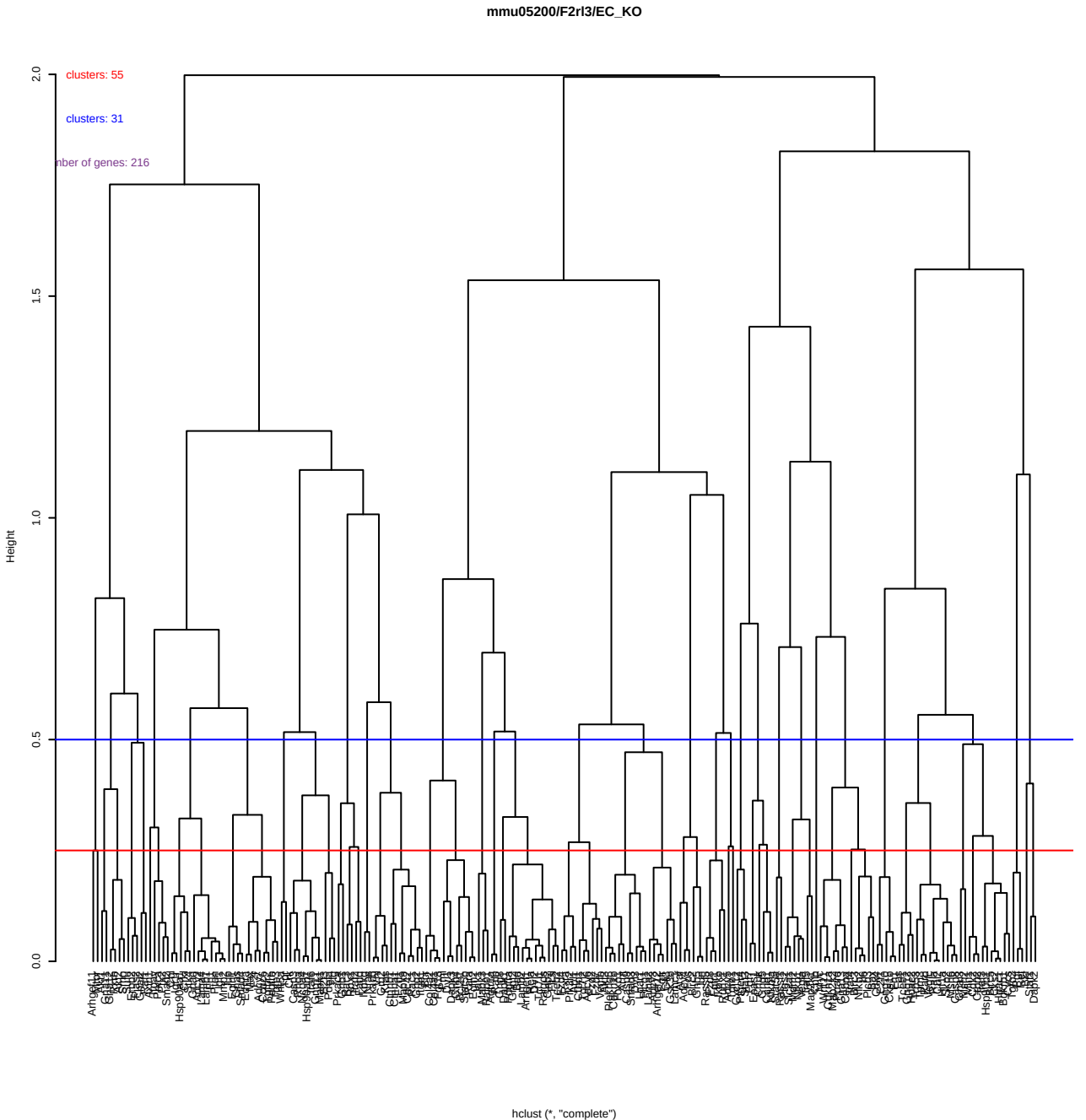

mmu04611/F2rl3/FAP_WT
clusters: 38
clusters: 20
umber of genes: 68
Height
2.0
1.5
1.0
0.5
0.0
Vasp
Actg1
Mylk
Actb
Adcy3
Src
Vamp8
Pik3cd
Fcer1g
Lyn
Tln2
Plcb3
Tln1
Orai1
Prkaca
Ppp1ca
Gnai2
Arhgef1
Akt1
Adcy5
Prkacb
Myl12a
Gnas
Col1a1
Adcy6
Gna13
Rock2
Ppp1r12a
Ptgir
Mapk1
Ppp1cc
Col1a2
Col3a1
Prkci
Pik3r1
Arhgef12
Gnaq
Gnai3
Itgb1
Snap23
Ppp1cb
Rap1a
Pla2g4a
Itpr1
Pik3ca
F2r
Akt3
Itga2b
Ptgs1
Stim1
Itpr3
Apbb1ip
Adcy4
Mapk3
Adcy2
Syk
Pik3r2
Akt2
Rhoa
Rap1b
Fyn
Itpr2
Mapk14
Mapk12
Myl12b
Itgb3
Adcy7
Gucy1b3
hclust (*, "complete")


mmu04611/F2rl3/EC_KO
clusters: 27
clusters: 16
umber of genes: 58
Height
2.0
1.5
1.0
0.5
0.0
Apbb1ip
Tln2
Myl12a
Pla2g4a
Ppp1ca
Prkci
Gnai3
Ppp1cb
Rap1b
Col3a1
Prkacb
Col1a2
F2r
Adcy7
Col1a1
Lyn
Vasp
Actg1
Prkaca
Ppp1cc
Mapk14
Itgb1
Snap23
Rhoa
Mapk1
Actb
Vamp8
Mylk
Rap1a
Ptgs1
Plcb3
Ptgir
Gna13
Arhgef1
Orai1
Tln1
Akt1
Gnai2
Akt2
Mapk12
Itpr1
Arhgef12
Adcy3
Itgb3
Adcy6
Itpr2
Gnas
Gnaq
Adcy2
Akt3
Myl12b
Plk3r2
Stim1
Fyn
Mapk3
Adcy5
Adcy4
Src
hclust (*, "complete")


mmu05200/F2rl3/EC_WT
clusters: 67
clusters: 36
nber of genes: 235
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")


mmu05200/F2rl3/EC_KO
clusters: 56
clusters: 31
nber of genes: 222
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")


mmu05200/F2rl3/FAP_WT
clusters: 87
clusters: 45
nber of genes: 229
Height
0.0
0.5
1.0
1.5
2.0
hclust (*, "complete")


mmu05200/F2rl3/EC_KO
clusters: 55
clusters: 31
nber of genes: 216
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")