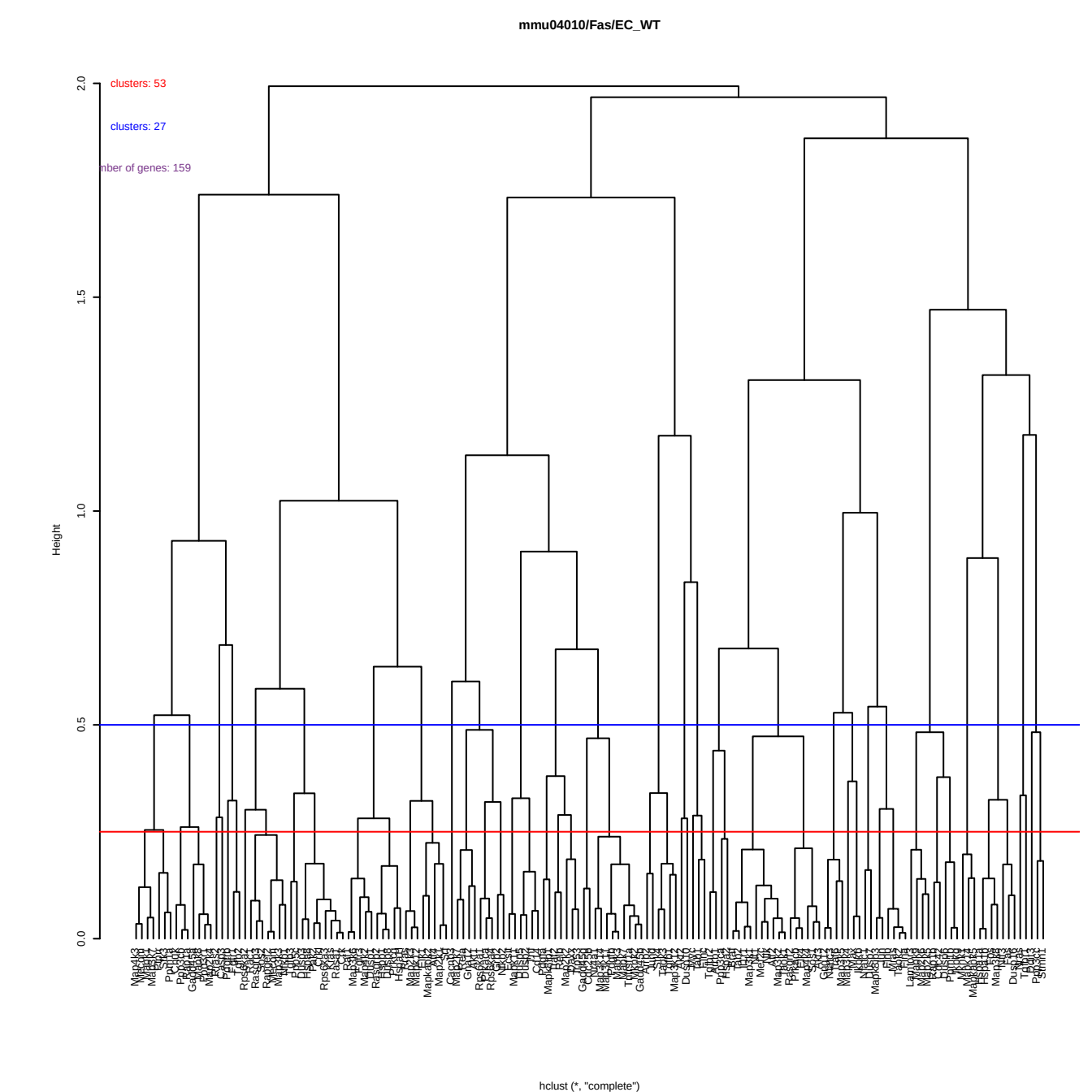
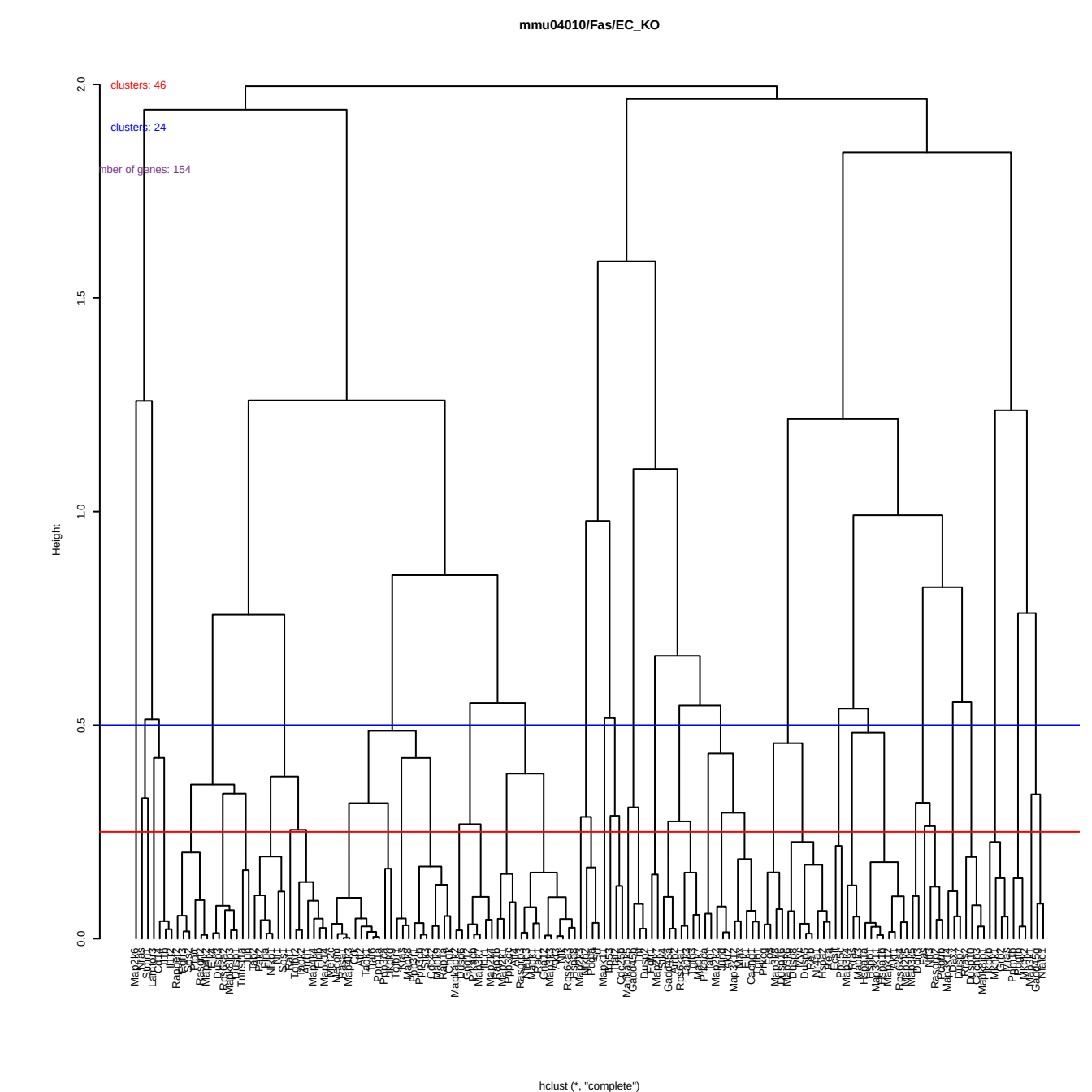
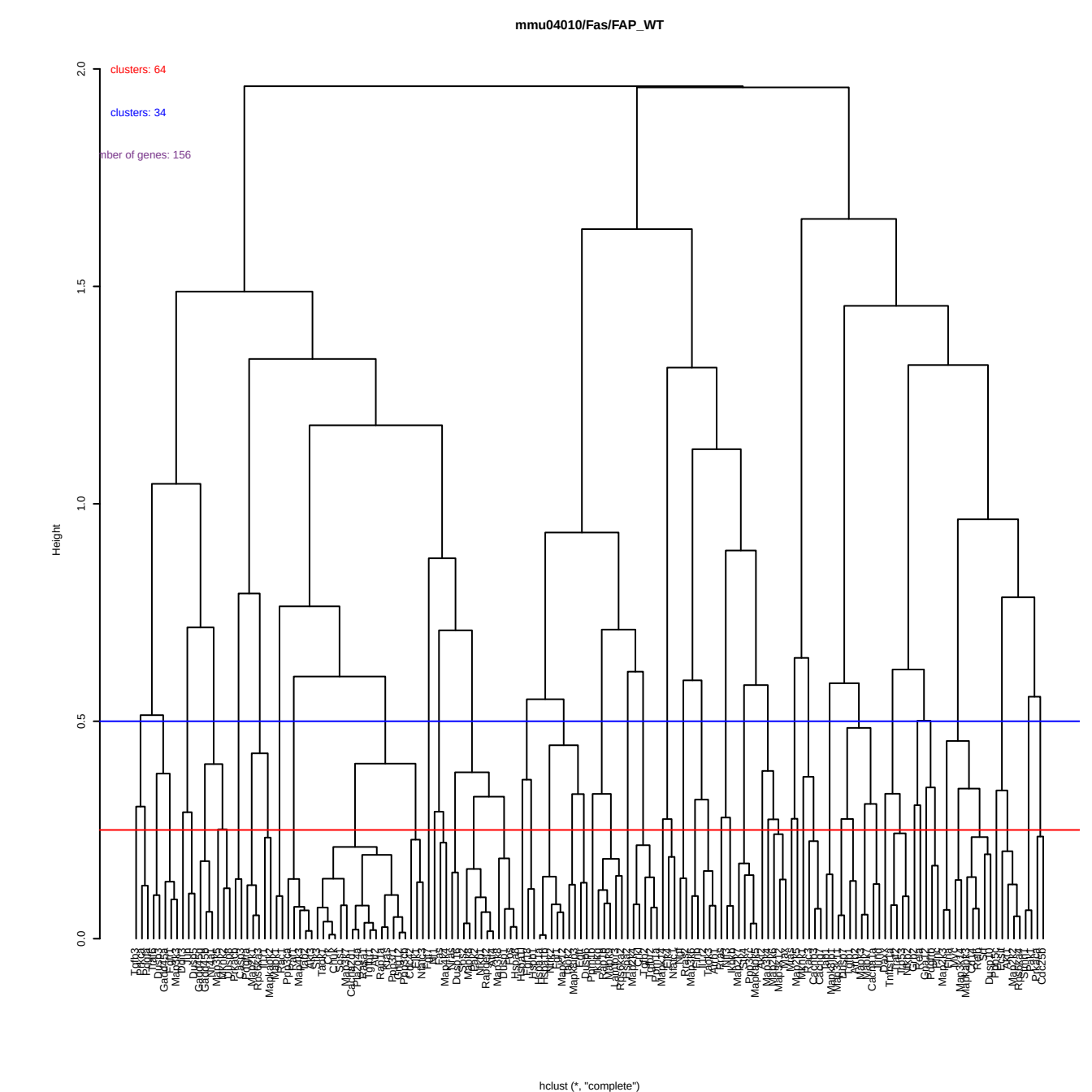
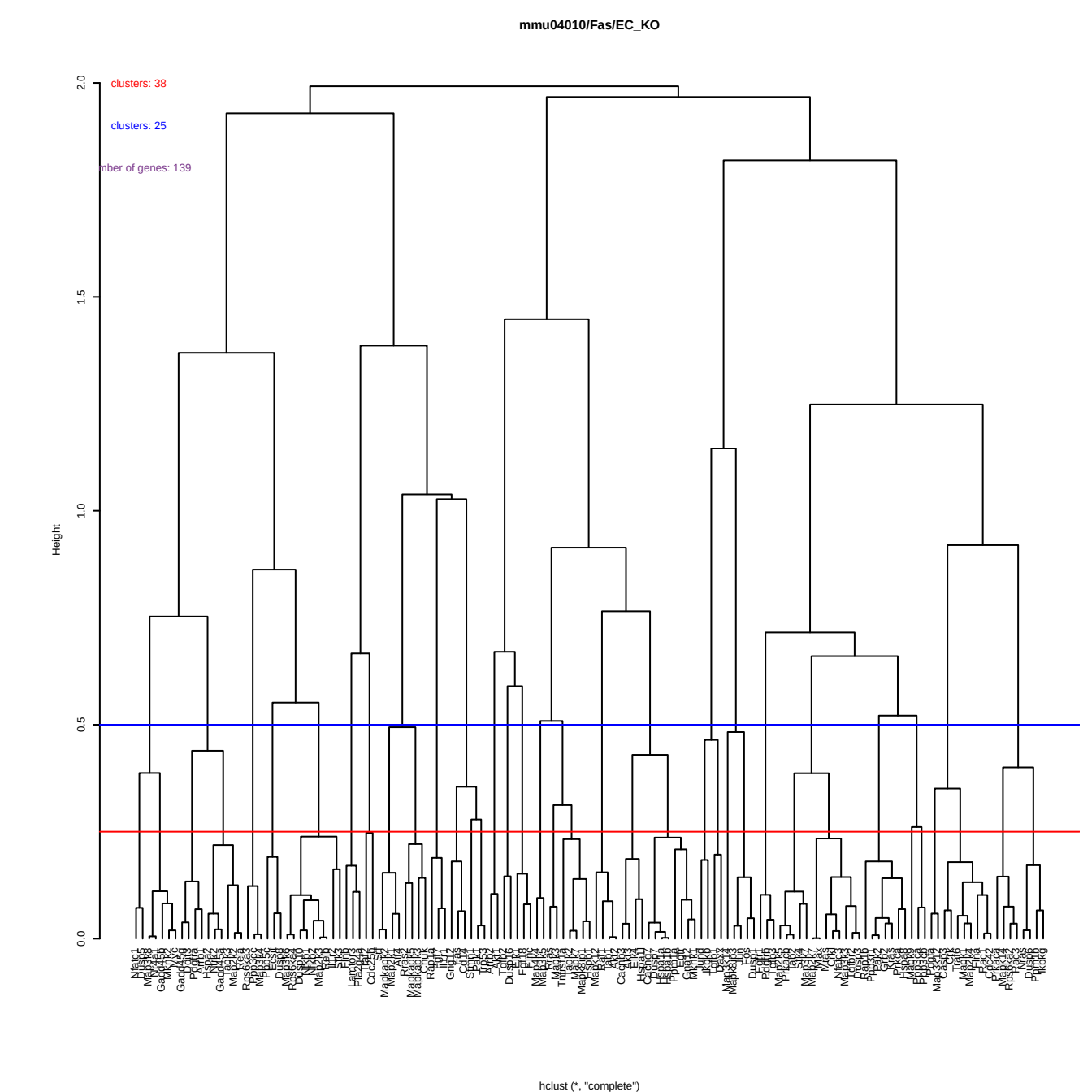
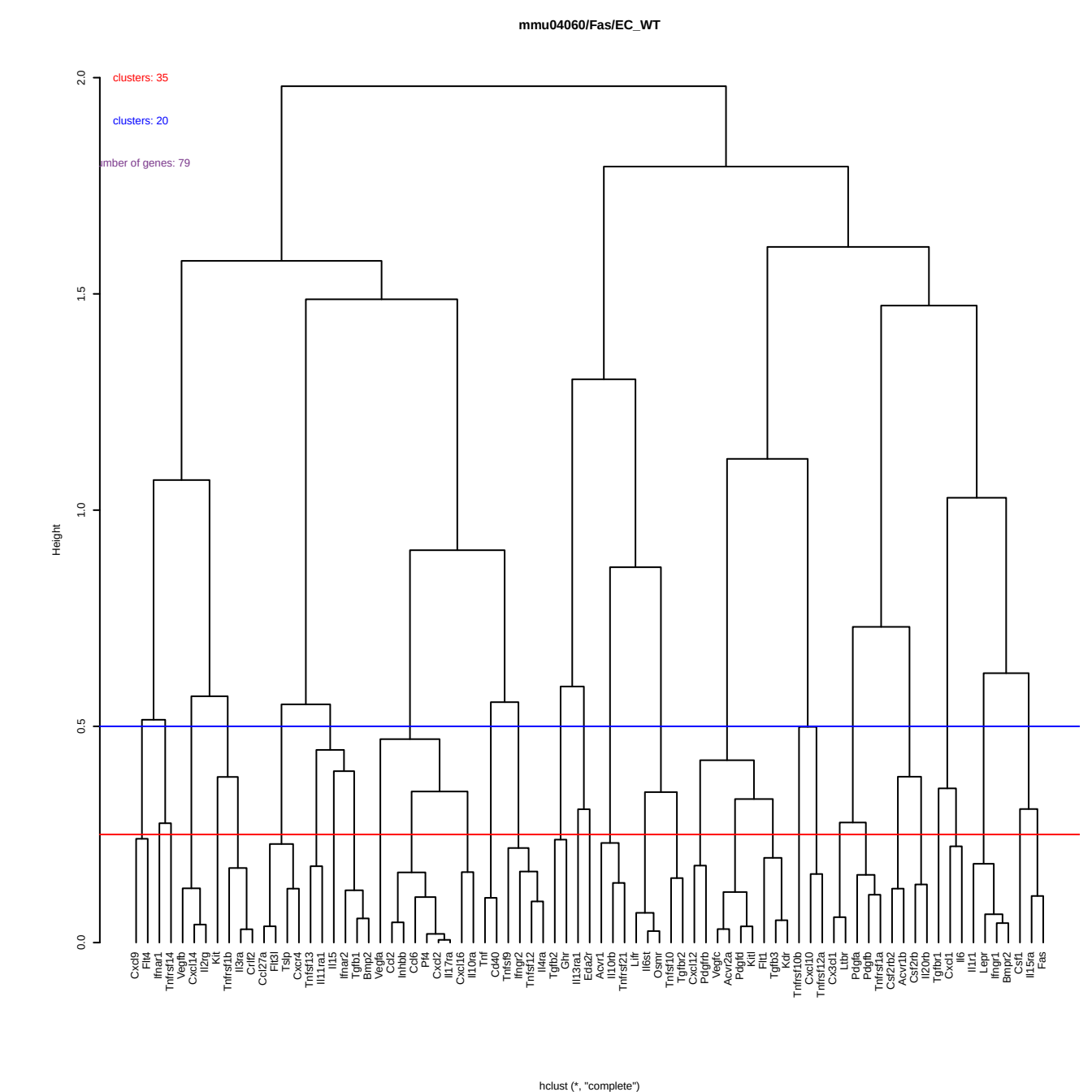
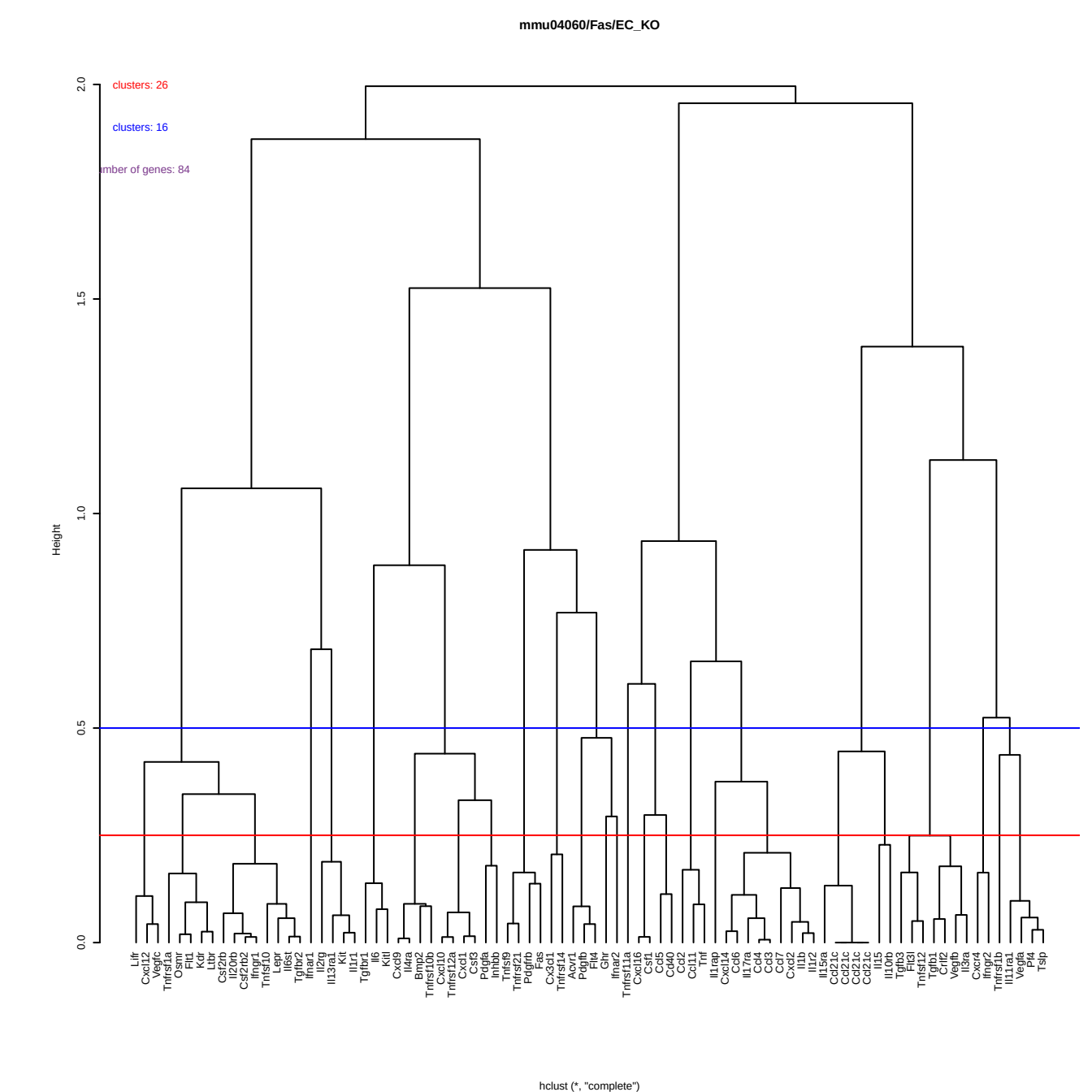

mmu04010/Fas/EC_WT
clusters: 53
clusters: 27
mber of genes: 159
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

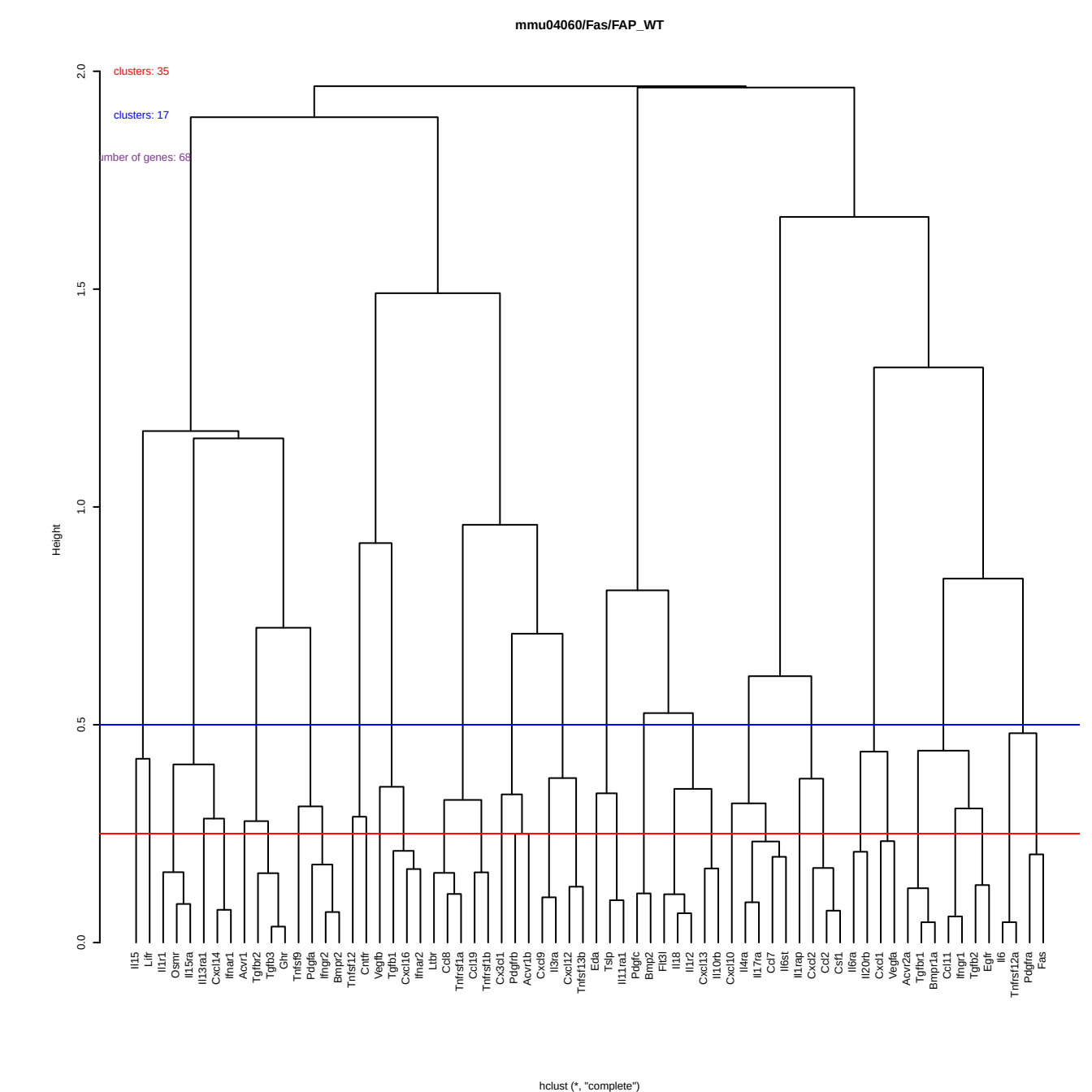

mmu04010/Fas/EC_KO
clusters: 46
clusters: 24
nber of genes: 154
Height
0.0
0.5
1.0
1.5
2.0
hclust (*, "complete")

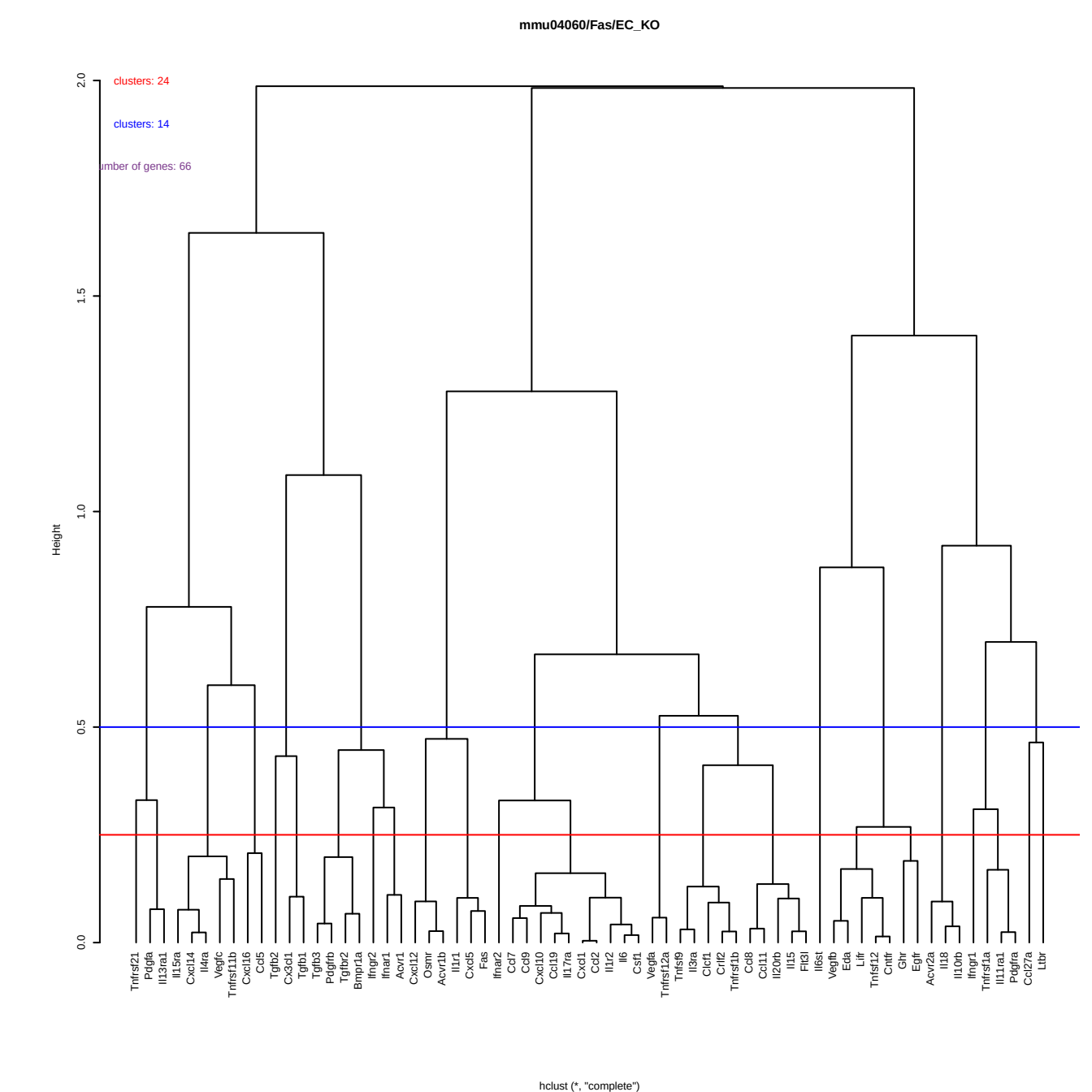

mmu04010/Fas/FAP_WT
clusters: 64
clusters: 34
mber of genes: 156
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

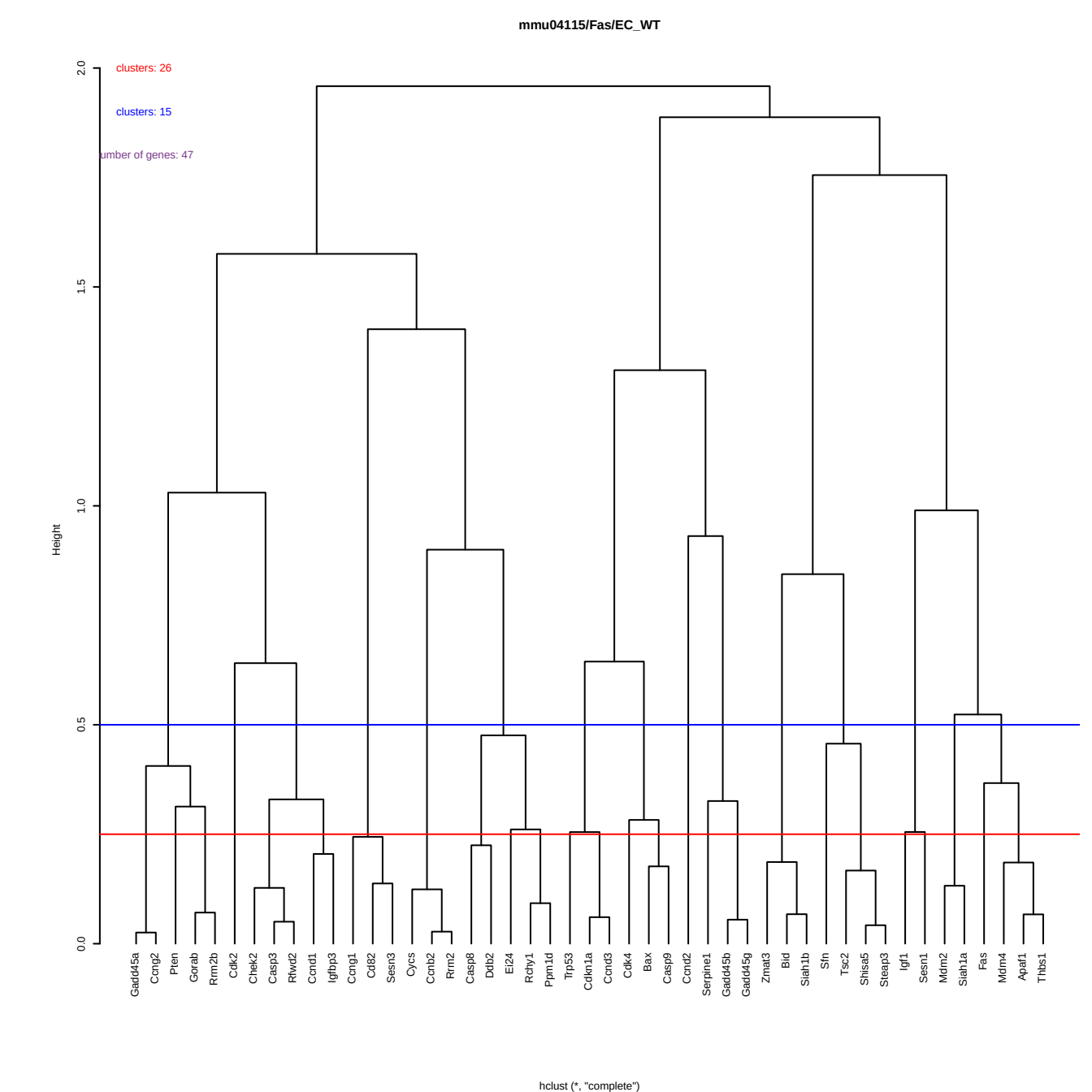

mmu04010/Fas/EC_KO
clusters: 38
clusters: 25
mber of genes: 139
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

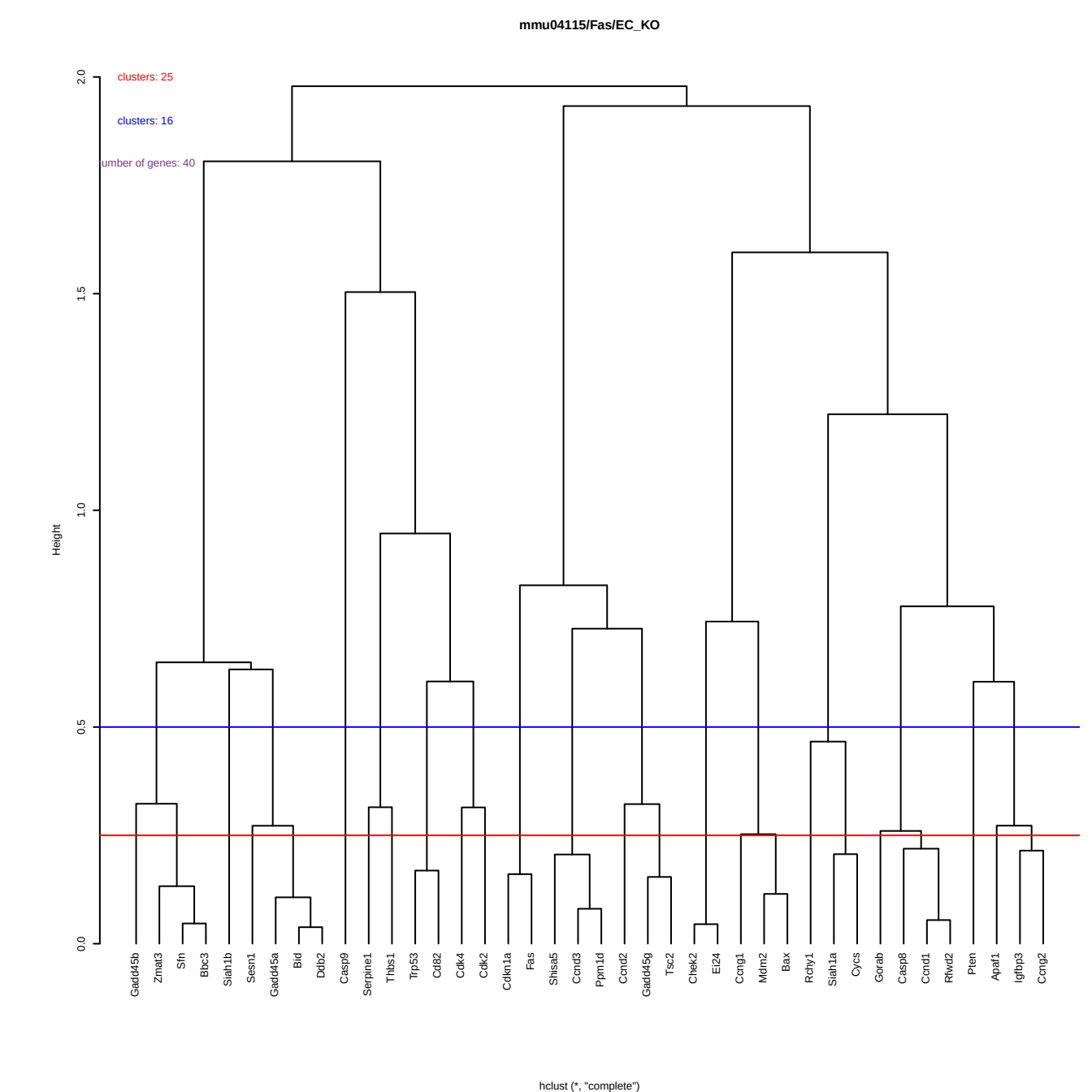

mmu04060/Fas/EC_WT
clusters: 35
clusters: 20
mber of genes: 79
Height
2.0
1.5
1.0
0.5
0.0
Cxcl9
Flt4
Ifnar1
Tnfrsf14
Vegfb
Cxcl14
Il2rg
Kit
Tnfrsf1b
Il3ra
Crlf2
Ccl27a
Flt3l
Tslp
Cxcr4
Tnfsf13
Il11ra1
Il15
Ifnar2
Tgfb1
Bmp2
Vegfa
Ccl2
Inhbb
Ccl6
Pf4
Cxcl2
Il17ra
Cxcl16
Il10ra
Tnf
Cd40
Tnfsf9
Ifngr2
Tnfsf12
Il4ra
Tgfb2
Ghr
Il13ra1
Eda2r
Acvr1
Il10rb
Tnfrsf21
Lifr
Il6st
Osmr
Tnfsf10
Tgfbr2
Cxcl12
Pdgfrb
Vegfc
Acvr2a
Pdgfd
Kitl
Flt1
Tgfb3
Kdr
Tnfrsf10b
Cxcl10
Tnfrsf12a
Cx3cl1
Ltbr
Pdgfa
Pdgfb
Tnfrsf1a
Csf2rb2
Acvr1b
Csf2rb
Il20rb
Tgfbr1
Cxcl1
Il6
Il1r1
Lepr
Ifngr1
Bmpr2
Csf1
Il15ra
Fas
hclust (*, "complete")

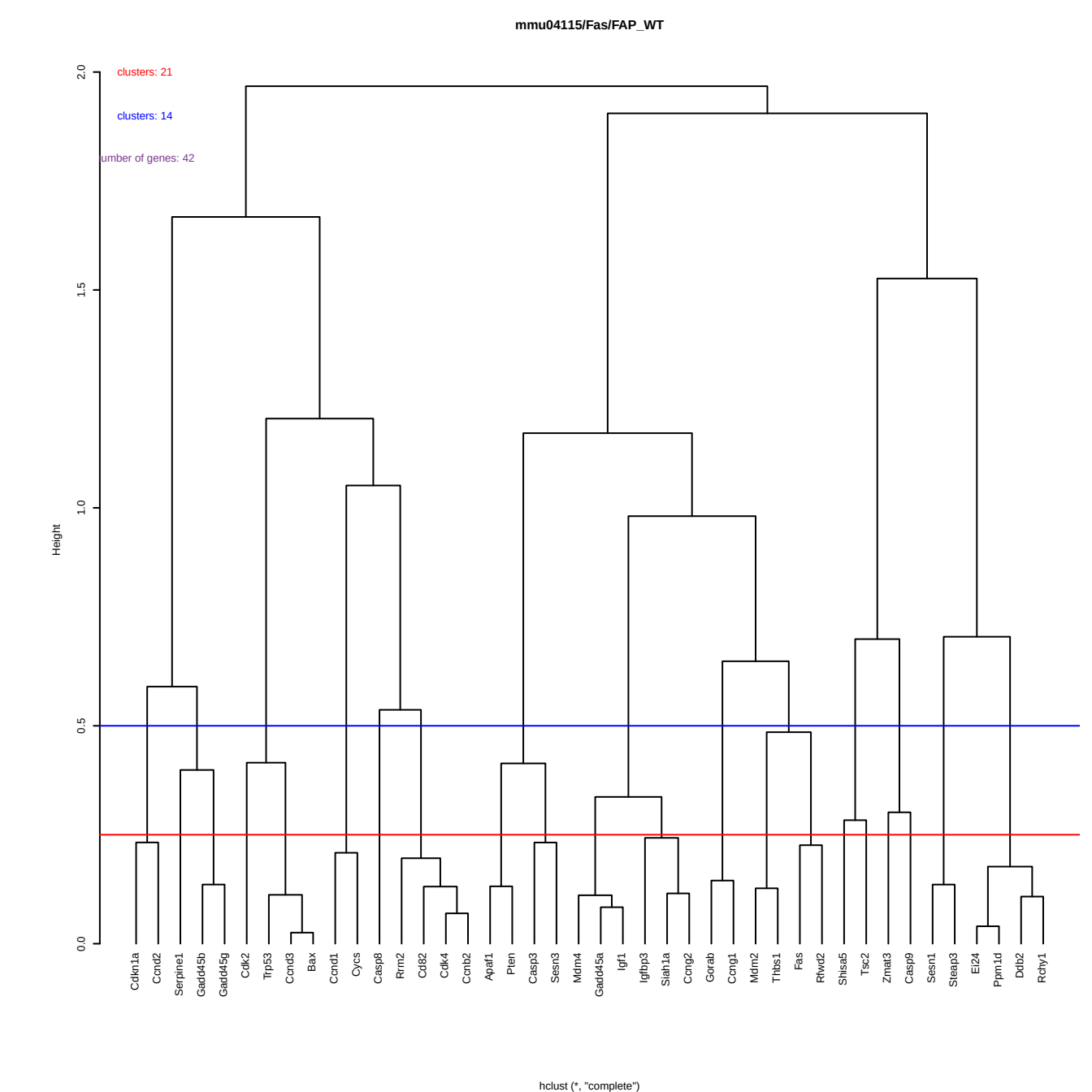

mmu04060/Fas/EC_KO
clusters: 26
clusters: 16
mber of genes: 84
Height
2.0
1.5
1.0
0.5
0.0
Lifr
Cxcl12
Vegfc
Tnfrsf1a
Osmr
Flt1
Kdr
Ltbr
Csf2rb
Il20rb
Csf2rb2
Ifngr1
Tnfsf10
Lepr
Il6st
Tgfbr2
Ifnar1
Il2rg
Il13ra1
Kit
Il1r1
Tgfbr1
Il6
Kitl
Cxcl9
Il4ra
Bmp2
Tnfrsf10b
Cxcl10
Tnfrsf12a
Cxcl1
Csf3
Pdgfa
Inhbb
Tnfsf9
Tnfrsf21
Pdgfrb
Fas
Cx3cl1
Tnfrsf14
Acvr1
Pdgfb
Flt4
Ghr
Ifnar2
Tnfrsf11a
Cxcl16
Csf1
Csf2
Cd40
Cd2
Cd11
Tnf
Il1rap
Cxcl14
Ccl6
Il17ra
Ccl4
Ccl3
Ccl7
Cxcl2
Il1b
Il1r2
Il15ra
Ccl21c
Ccl21c
Ccl21c
Ccl21c
Il15
Il10rb
Tgfb3
Flt3l
Tnfsf12
Tgfb1
Cntf2
Vegfb
Il3ra
Cxcr4
Ifngr2
Tnfrsf1b
Il11ra1
Vegfa
Pf4
Tslp
hclust (*, "complete")

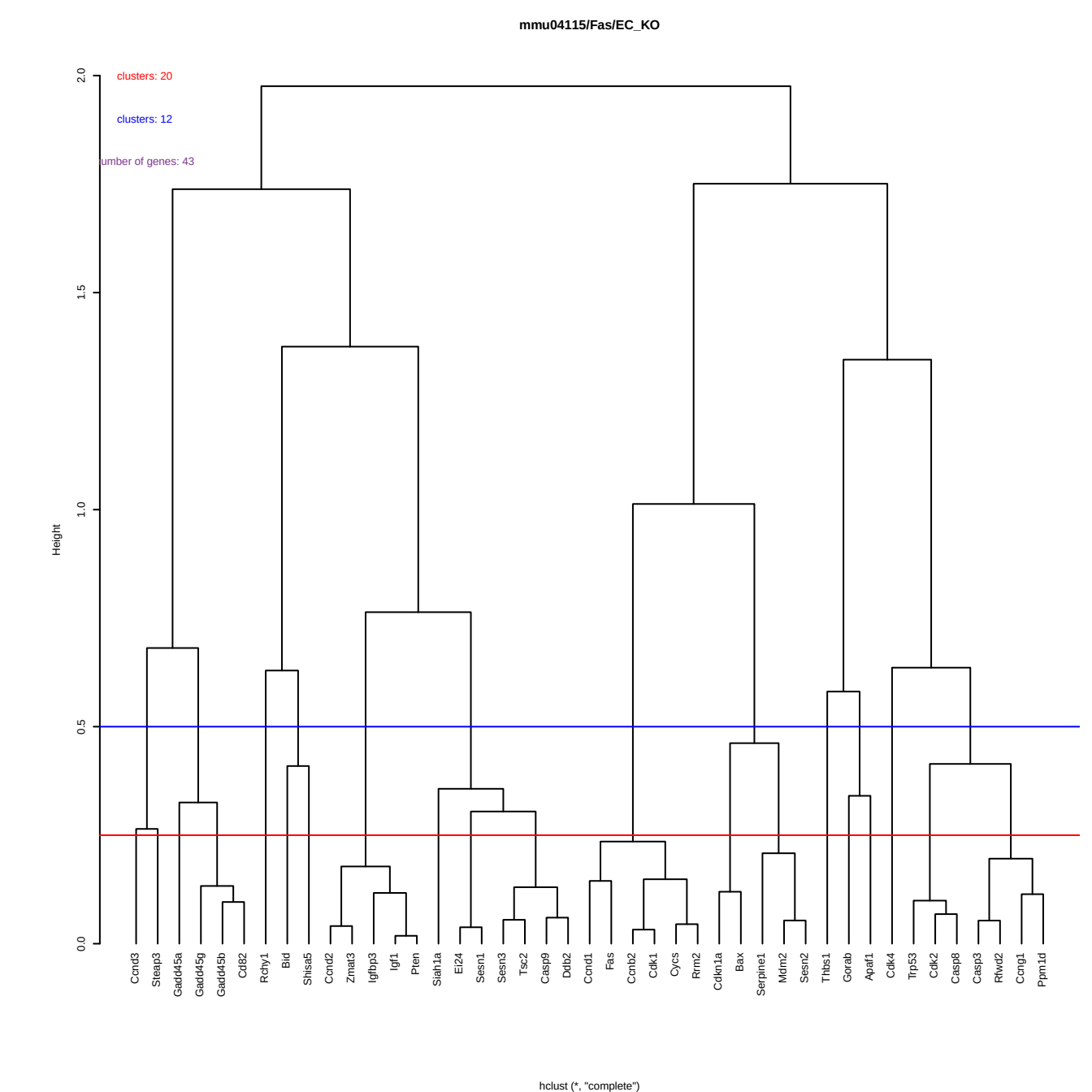

mmu04060/Fas/FAP_WT
clusters: 35
clusters: 17
umber of genes: 68
Height
2.0
1.5
1.0
0.5
0.0
Il15
Lifr
Il1r1
Osmr
Il15ra
Il13ra1
Cxcl14
Ifnar1
Acvr1
Tgfbr2
Tgfb3
Ghr
Tnfsf9
Pdgfa
Ifngr2
Bmpr2
Tnfsf12
Cntfr
Vegfb
Tgfb1
Cxcl16
Ifnar2
Ltbr
Ccl8
Tnfrsf1a
Ccl19
Tnfrsf1b
Cx3cl1
Pdgfrb
Acvr1b
Cxcl9
Il3ra
Cxcl12
Tnfsf13b
Eda
Tslp
Il11ra1
Pdgfc
Bmp2
Flt3l
Il18
Il1r2
Cxcl13
Il10rb
Cxcl10
Il4ra
Il17ra
Ccl7
Il6st
Il1rap
Cxcl2
Ccl2
Csf1
Il6ra
Il20rb
Cxcl1
Vegfa
Acvr2a
Tgfbr1
Bmpr1a
Ccl11
Ifngr1
Tgfb2
Egfr
Il6
Tnfrsf12a
Pdgfra
Fas
hclust (*, "complete")

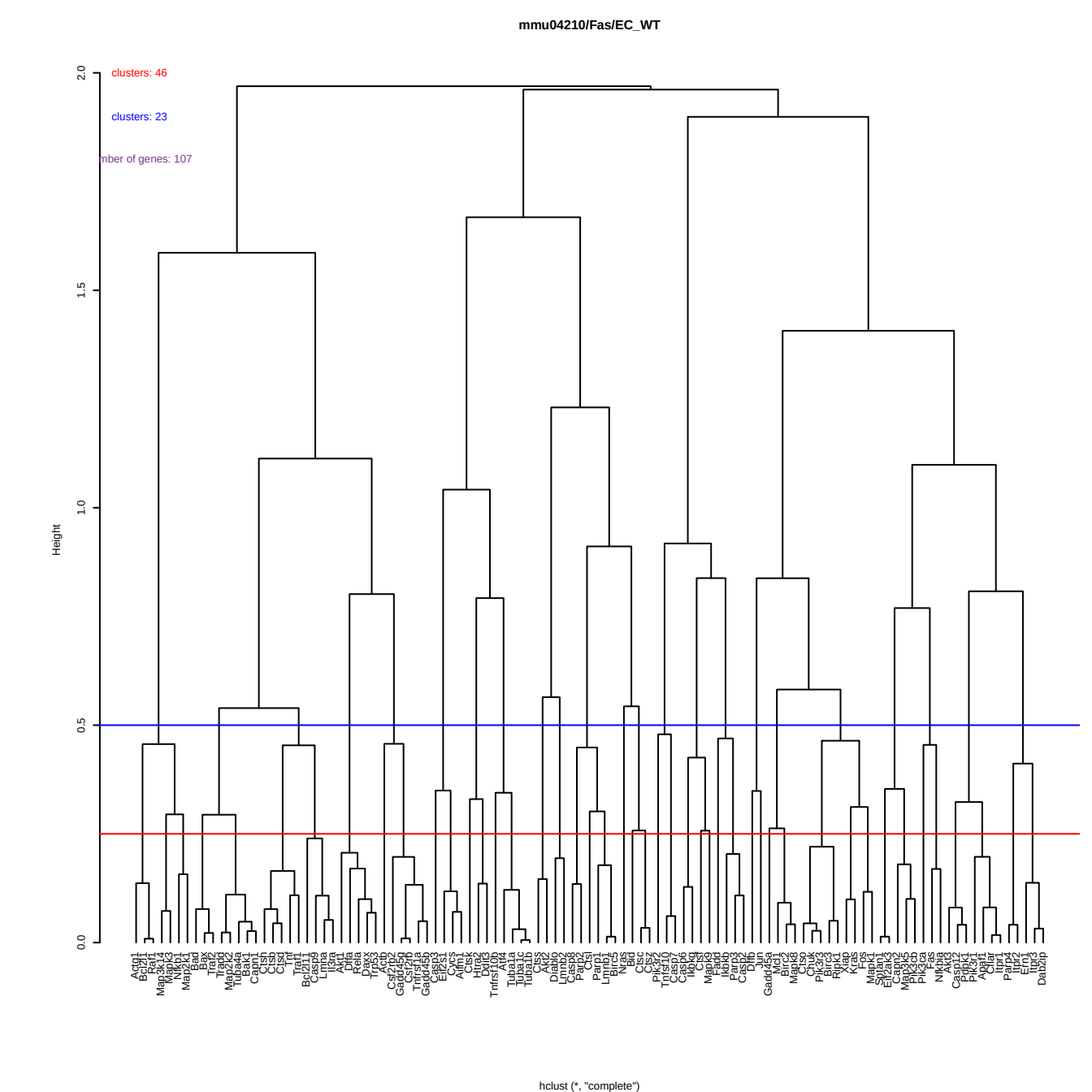

mmu04060/Fas/EC_KO
clusters: 24
clusters: 14
umber of genes: 66
Height
2.0
1.5
1.0
0.5
0.0
Tnfrsf21
Pdgfa
Il13ra1
Il15ra
Cxcl14
Il4ra
Vegfc
Tnfrsf11b
Cxcl16
Ccl5
Tgfb2
Cx3cl1
Tgfb1
Tgfb3
Pdgfrb
Tgfbr2
Bmpr1a
Ifngr2
Ifnar1
Acvr1
Cxcl12
Osmr
Acvr1b
Il1r1
Cxcl5
Fas
Ifnar2
Ccl7
Ccl9
Cxcl10
Ccl19
Il17ra
Cxcl1
Ccl2
Il1r2
Il6
Csf1
Vegfa
Tnfrsf12a
Tnfsf9
Il3ra
Clcf1
Crlf2
Tnfrsf1b
Ccl8
Ccl11
Il20rb
Il15
Flt3l
Il6st
Vegfb
Eda
Lifr
Tnfsf12
Cntfr
Ghr
Egfr
Acvr2a
Il18
Il10rb
Ifngr1
Tnfrsf1a
Il11ra1
Pdgfra
Ccl27a
Ltbr
hclust (*, "complete")

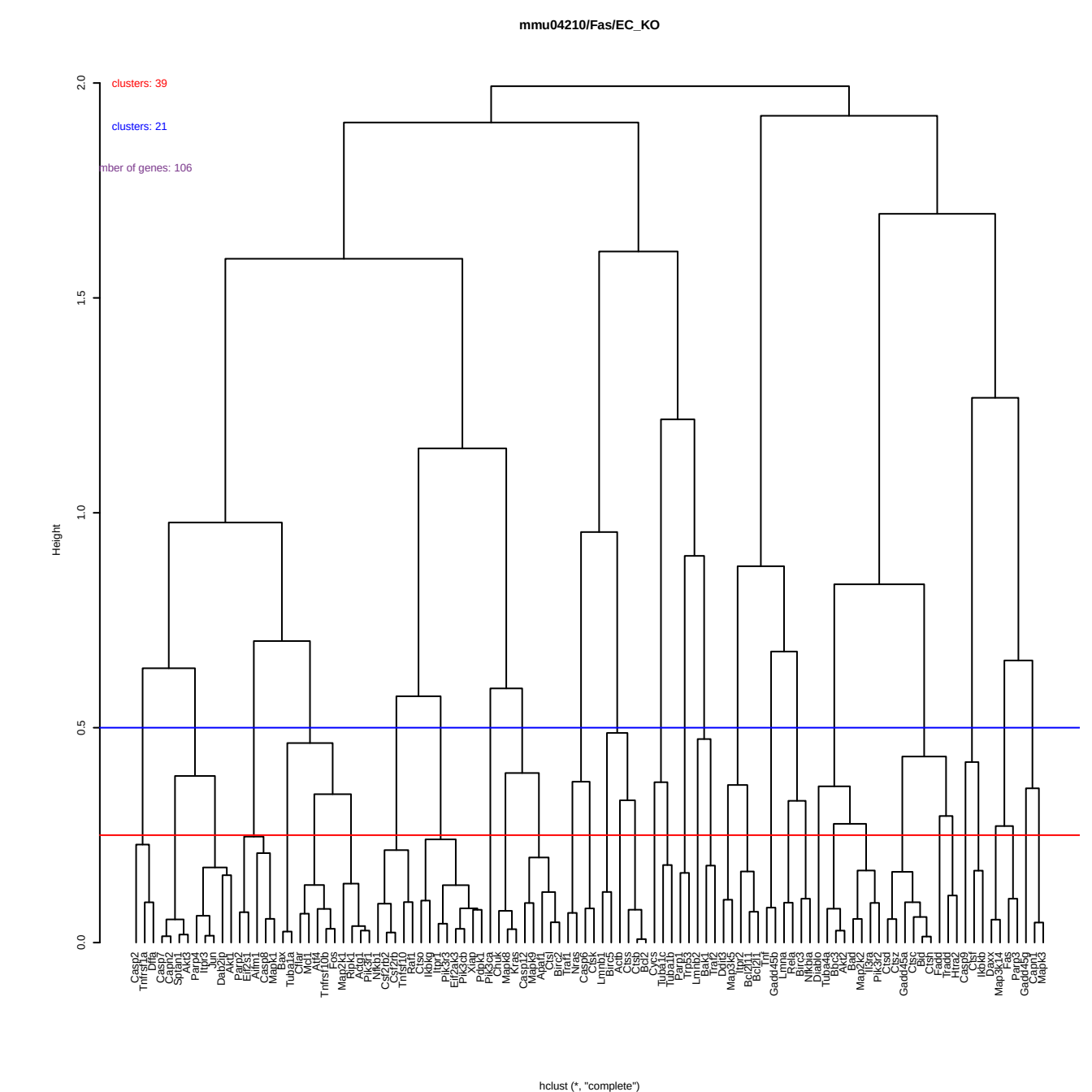

mmu04115/Fas/EC_WT
clusters: 26
clusters: 15
umber of genes: 47
Height
2.0
1.5
1.0
0.5
0.0
Gadd45a
Ccng2
Pten
Gorab
Rrm2b
Cdk2
Chek2
Casp3
Rfwd2
Ccnd1
Igfbp3
Ccng1
Cd82
Sesn3
Cycs
Ccnb2
Rrm2
Casp8
Ddb2
Ei24
Rchy1
Ppm1d
Trp53
Cdkn1a
Ccnd3
Cdk4
Bax
Casp9
Ccnd2
Serpine1
Gadd45b
Gadd45g
Zmat3
Bid
Siah1b
Sfn
Tsc2
Shisa5
Steap3
Igf1
Sesn1
Mdm2
Siah1a
Fas
Mdm4
Apaf1
Thbs1
hclust (*, "complete")

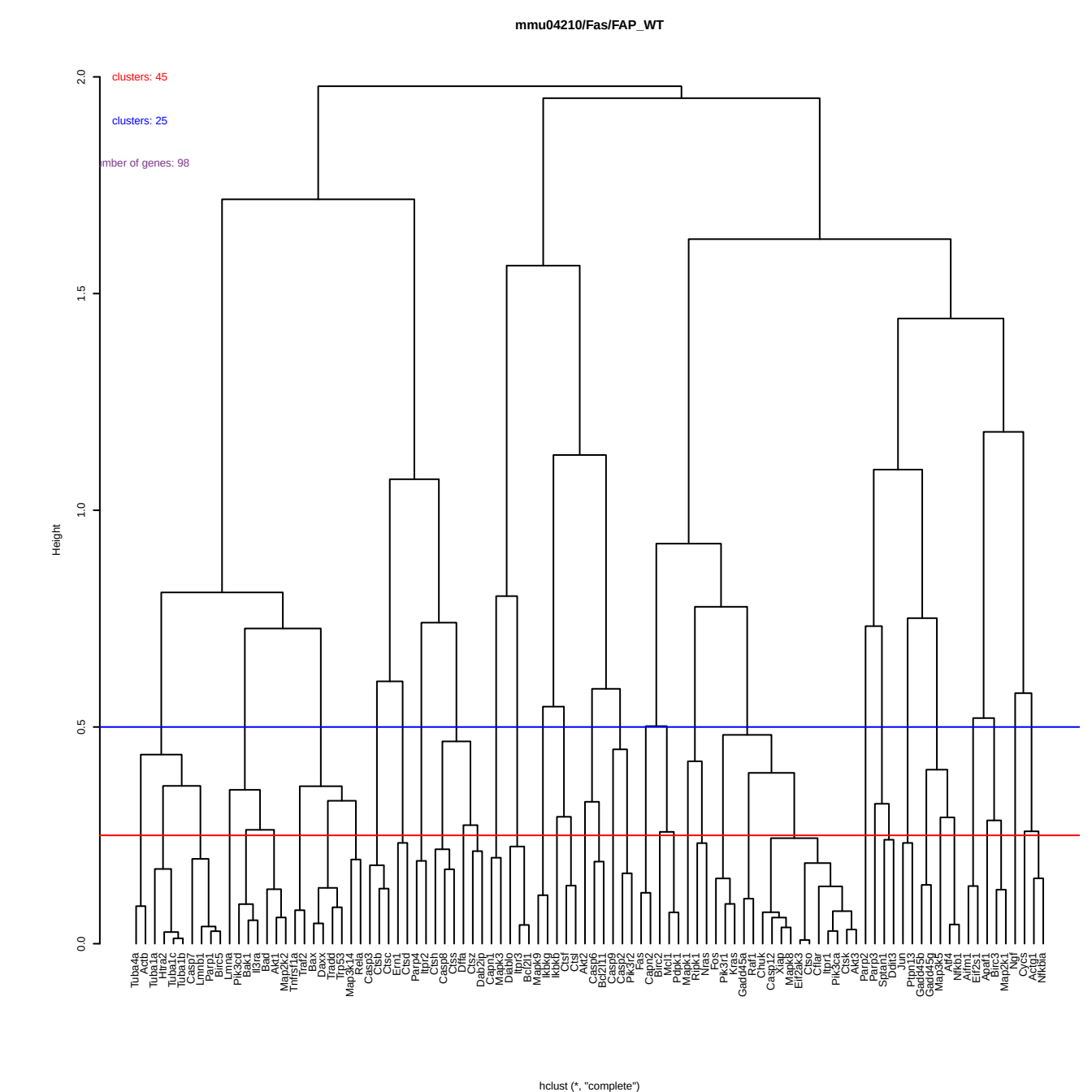

mmu04115/Fas/EC_KO
clusters: 25
clusters: 16
number of genes: 40
Height
2.0
1.5
1.0
0.5
0.0
Gadd45b
Zmat3
Sfn
Bbc3
Siah1b
Sesn1
Gadd45a
Bid
Ddb2
Casp9
Serpine1
Thbs1
Trp53
Cd82
Cdk4
Cdk2
Cdkn1a
Fas
Shisa5
Ccnd3
Ppm1d
Ccnd2
Gadd45g
Tsc2
Chek2
Ei24
Ccng1
Mdm2
Bax
Rchy1
Siah1a
Cycs
Gorab
Casp8
Ccnd1
Rfwd2
Pten
Apaf1
Igfbp3
Ccng2
hclust (*, "complete")

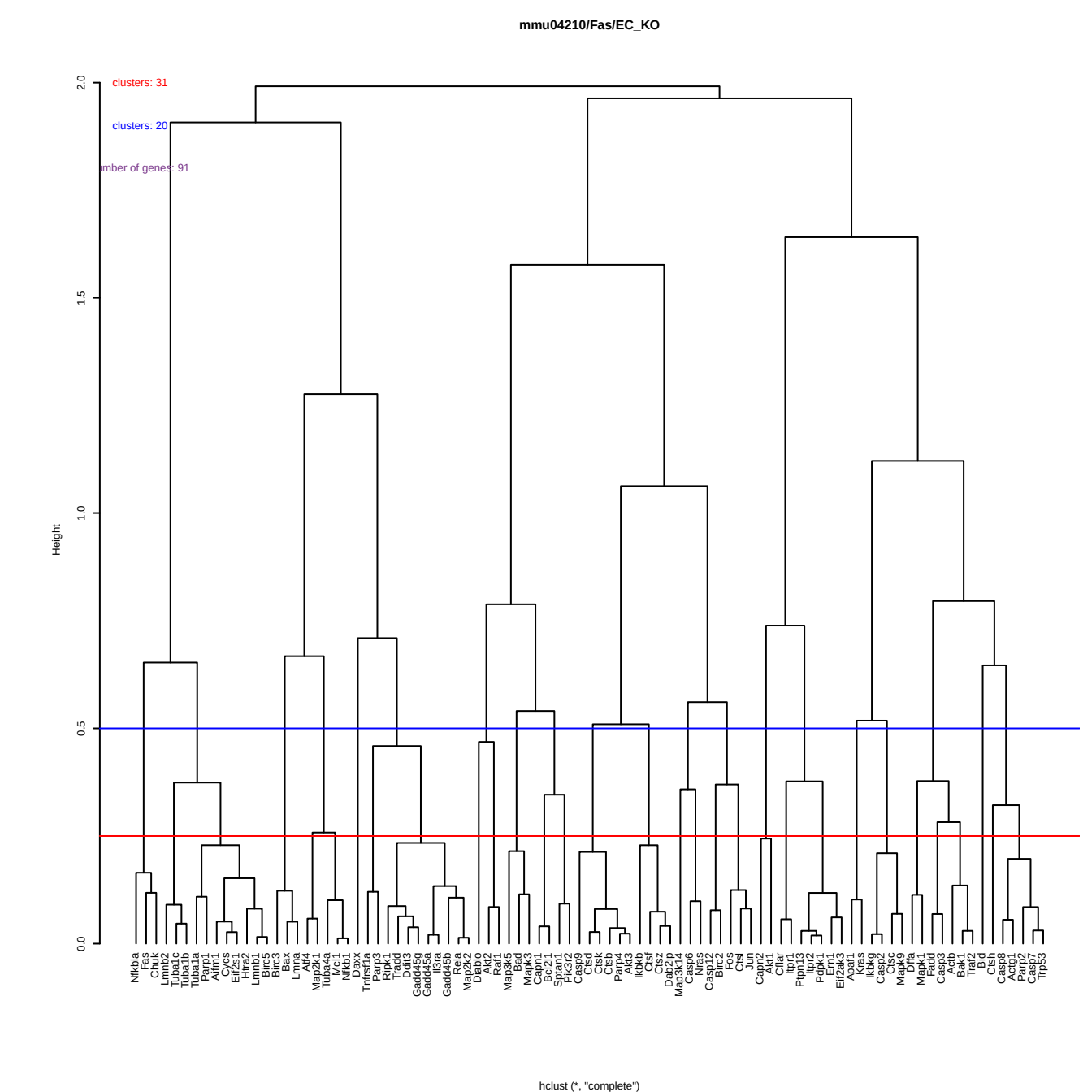

mmu04115/Fas/FAP_WT
clusters: 21
clusters: 14
umber of genes: 42
Height
2.0
1.5
1.0
0.5
0.0
Cdkn1a
Ccnd2
Serpine1
Gadd45b
Gadd45g
Cdk2
Trp53
Ccnd3
Bax
Ccnd1
Cycs
Casp8
Rrm2
Cd82
Cdk4
Ccnb2
Apaf1
Pten
Casp3
Sesn3
Mdm4
Gadd45a
Igf1
Igfbp3
Siah1a
Ccng2
Gorab
Ccng1
Mdm2
Thbs1
Fas
Rfwd2
Shisa5
Tsc2
Zmat3
Casp9
Sesn1
Steap3
Ei24
Ppm1d
Ddb2
Rchy1
hclust (*, "complete")

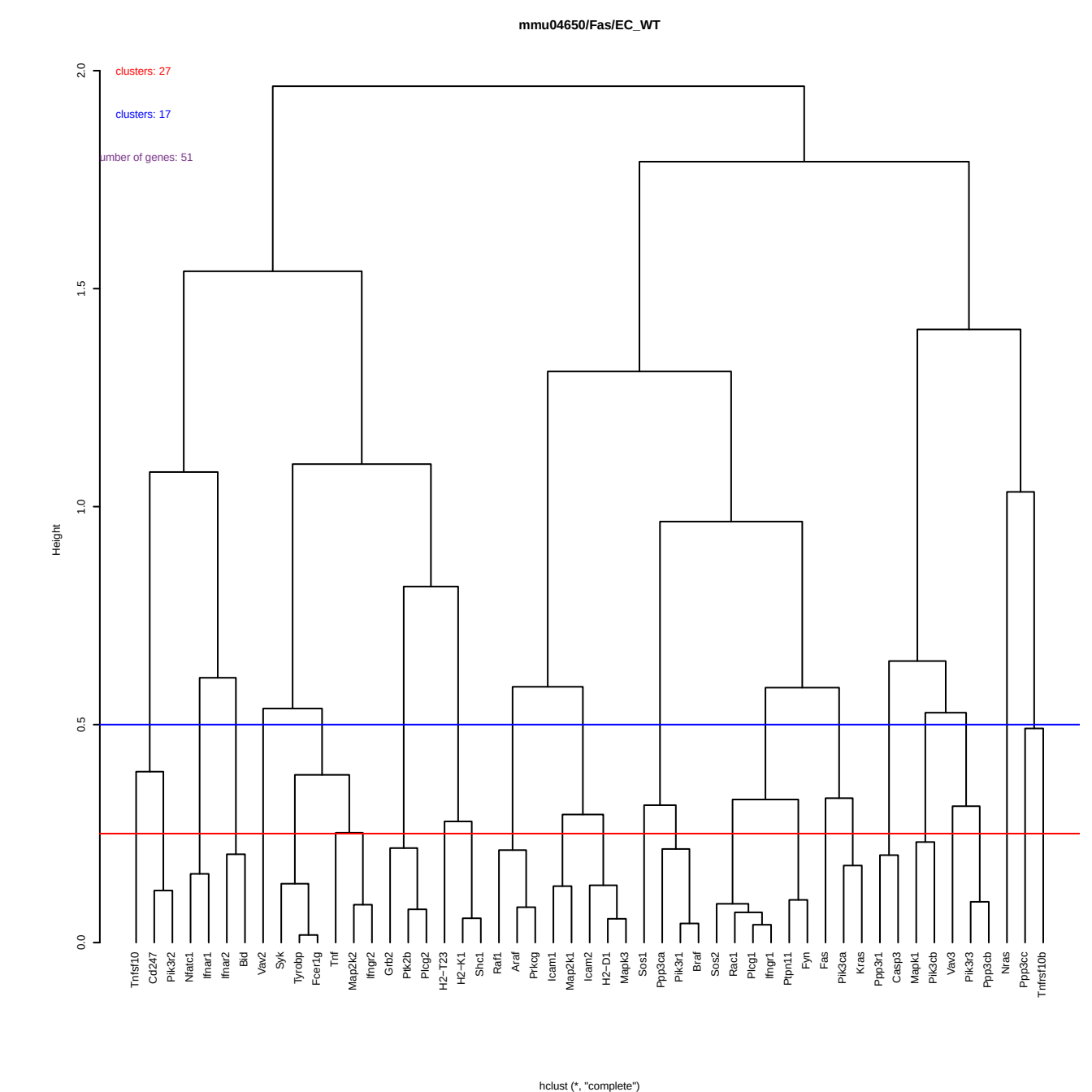

mmu04115/Fas/EC_KO
clusters: 20
clusters: 12
umber of genes: 43
Height
2.0
1.5
1.0
0.5
0.0
Ccnd3
Steap3
Gadd45a
Gadd45g
Gadd45b
Cd82
Rchy1
Bid
Shisa5
Ccnd2
Zmat3
Igfbp3
Igf1
Pten
Siah1a
Ei24
Sesn1
Sesn3
Tsc2
Casp9
Ddb2
Ccnd1
Fas
Ccnb2
Cdk1
Cycs
Rrm2
Cdkn1a
Bax
Serpine1
Mdm2
Sesn2
Thbs1
Gorab
Apaf1
Cdk4
Trp53
Cdk2
Casp8
Casp3
Rfwd2
Ccng1
Ppm1d
hclust (*, "complete")

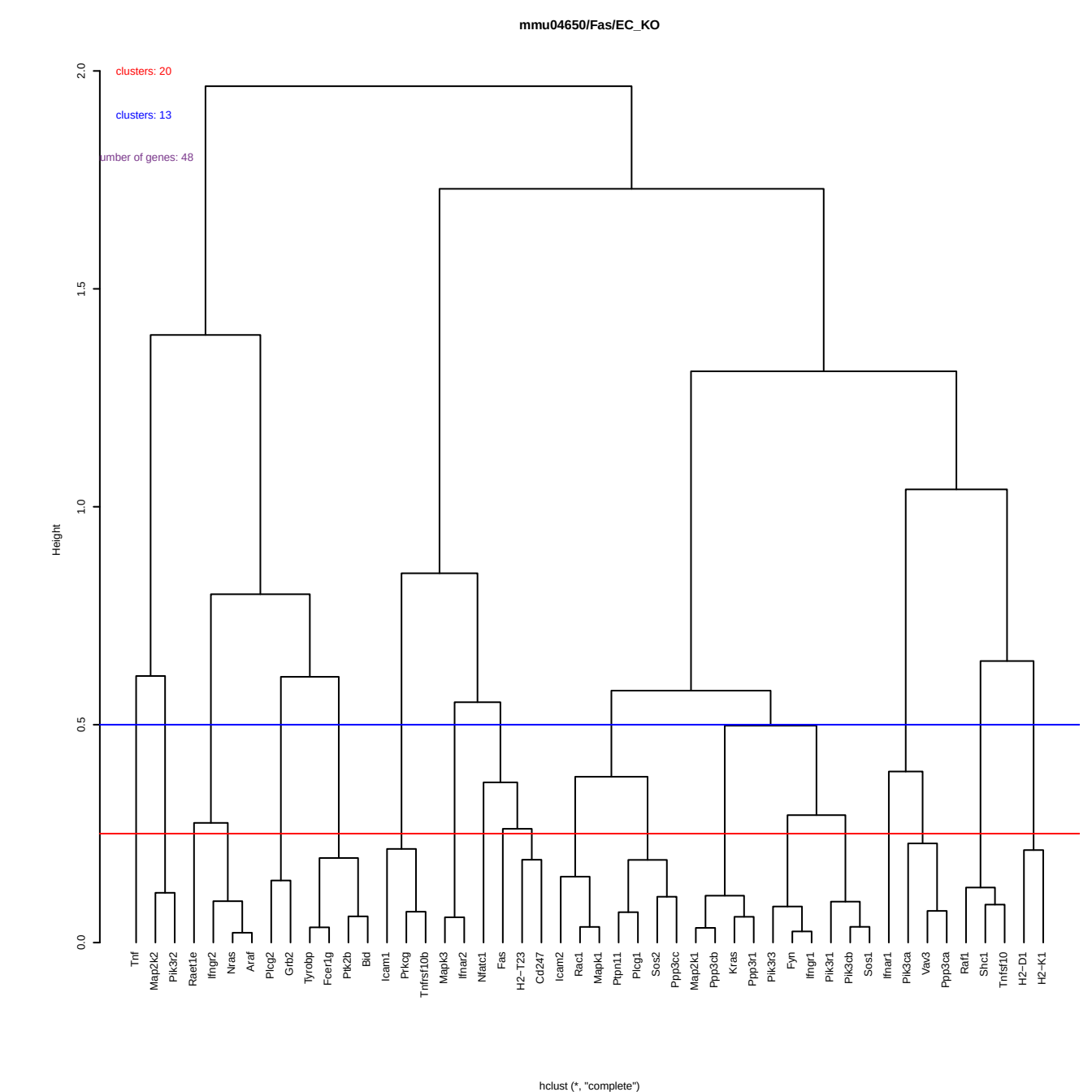

mmu04210/Fas/EC_WT
clusters: 46
clusters: 23
mber of genes: 107
Height
0.0
0.5
1.0
1.5
2.0
Actg1
Bcl2l1
Ra1
Map3k14
Mapk3
Nfkb1
Map2k1
Bad
Bax
Traf2
Trad
Map2k2
Tuba4a
Bak1
Capn1
Ctsh
Ctsb
Ctsd
Tnf
Traf1
Bcl2l11
Casp9
Lmna
Il3ra
Akt1
Dffa
Rela
Daxx
Trp53
Actb
Csf2rb2
Gadd45g
Csf2rb
Tnfrsf1a
Gadd45b
Casp3
Eif2s1
Cycs
Aifm1
Ctsk
Htra2
Ddit3
Tnfrsf10b
Atf4
Tuba1a
Tuba1c
Tuba1b
Ctss
Akt2
Diablo
Lmnb2
Casp8
Parp2
Ctsl
Parp1
Lmnb1
Birc5
Nras
Bid
Ctsc
Ctsz
Pik3r2
Tnfsf10
Casp7
Casp6
Ikbkg
Ctsf
Mapk9
Fadd
Ikbkb
Parp3
Casp2
Dffb
Jun
Gadd45a
Mcl1
Birc2
Mapk8
Ctso
Chuk
Pik3r3
Birc3
Ripk1
Xiap
Kras
Fos
Mapk1
Sptan1
Eif2ak3
Capn2
Mapk5
Pik3cb
Pik3ca
Fas
Nfkbia
Akt3
Casp12
Pdpk1
Pik3r1
Apaf1
Cflar
Itpr1
Parp4
Itpr2
Ern1
Itpr3
Dab2ip
hclust (*, "complete")

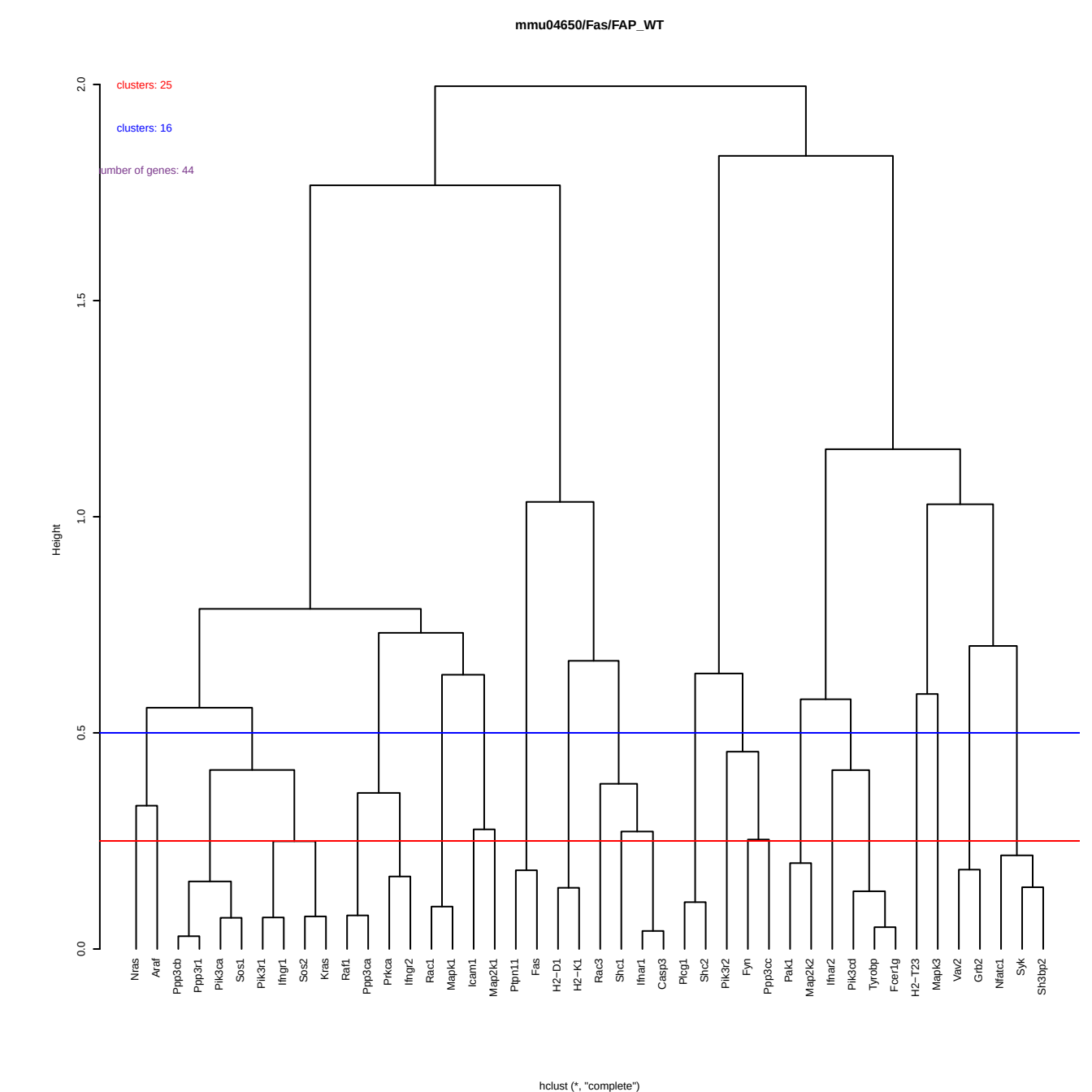

mmu04210/Fas/EC_KO
clusters: 39
clusters: 21
mber of genes: 106
Height
0.0
0.5
1.0
1.5
2.0
hclust (*, "complete")

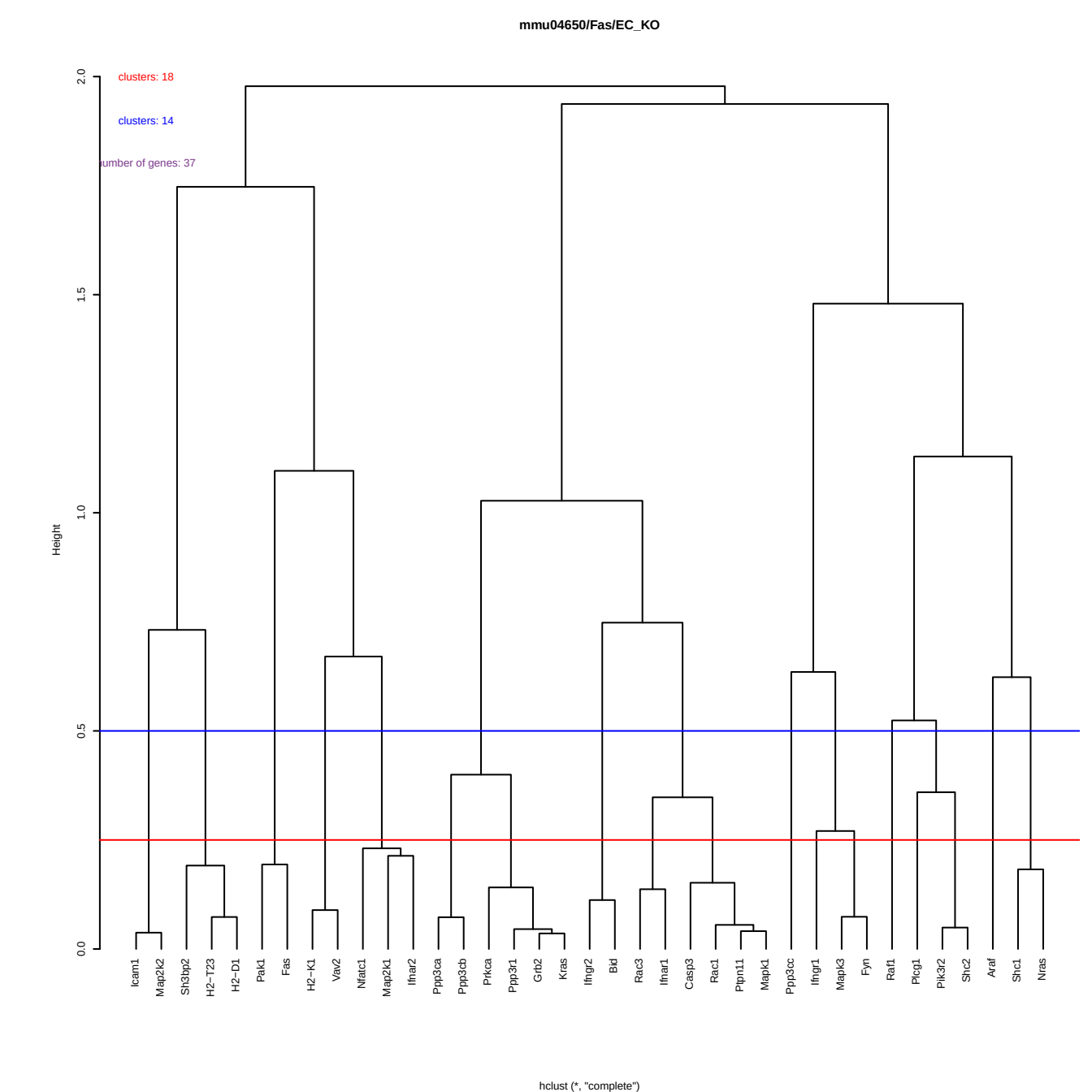

mmu04210/Fas/FAP_WT
clusters: 45
clusters: 25
mber of genes: 98
Height
2.0
1.5
1.0
0.5
0.0
Tuba4a
Actb
Tuba1a
Hrsa2
Tuba1c
Tuba1b
Casp1
Lmnb1
Parp1
Birc5
Lmna
Pik3cb
Bak1
Il3ra
Bad
Akt1
Map2k2
Tnfrsf1a
Traf2
Bax
Daxx
Tradd
Tnfrsf1
Map3k14
Rela
Casp3
Ctsb
Ctsc
Ern1
Ctsd
Parp4
Itpr2
Ctsh
Casp8
Ctss
Dffa
Ctsz
Dab2ip
Capn1
Map3k5
Diablo
Itpr3
Bcl2l1
Mapk9
Ikbkb
Ikbkg
Ctsf
Ctsl
Akt2
Casp6
Bcl2l11
Casp7
Casp2
Pik3r2
Fas
Capn2
Bid
Mcl1
Pdpk1
Mapk1
Rpk1
Nras
Pik3r1
Kras
Gadd45a
Raf1
Chuk
Casp12
Xiap
Mapk8
Eif2ak3
Cflar
Itpr1
Pik3ca
Ctsk
Akt3
Parp2
Parp3
Sptan1
Ddit3
Jun
Ppm1d
Gadd45b
Gadd45g
Map3k5
Atf4
Nfkb1
Atf2
Eif2s1
Apaf1
Birc3
Map2k1
Ngf
Cycs
Actg1
Nfkbia
hclust (*, "complete")

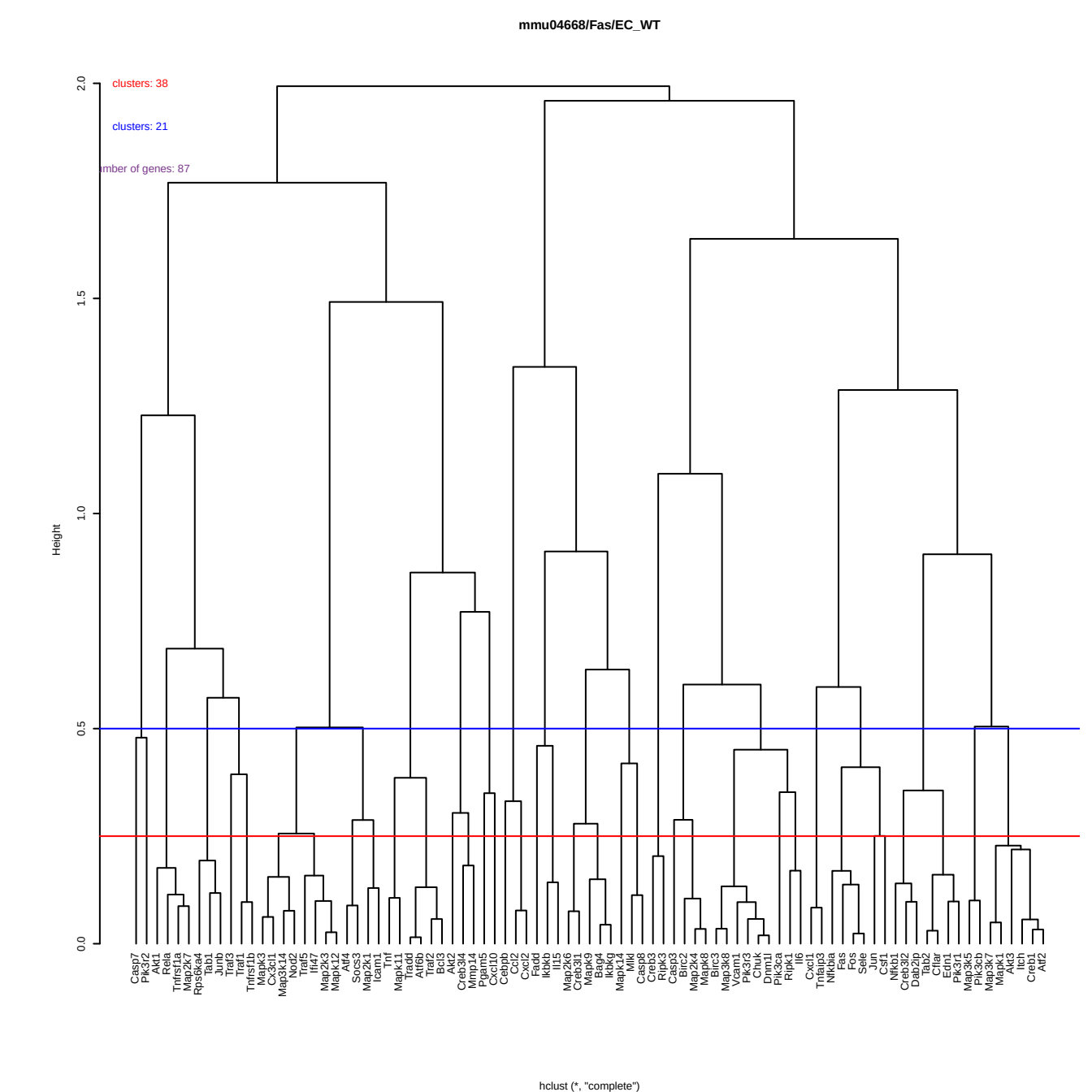

mmu04210/Fas/EC_KO
clusters: 31
clusters: 20
mber of genes: 91
Height
2.0
1.5
1.0
0.5
0.0
Nfkbia
Fas
Chuk
Lmnb2
Tuba1c
Tuba1b
Tuba1a
Parp1
Aifm1
Cycs
Eif2s1
Htra2
Lmnb1
Birc5
Birc3
Bax
Lmna
Akt3
Map2k1
Tuba4a
Mcl1
Nfkb1
Daxx
Tnfrsf1a
Parp3
Rhod
Tnfrsf1b
Ddit3
Gadd45g
Gadd45a
Il3ra
Gadd45b
Rela
Map2k2
Dapk1
Akt2
Raf1
Map3k5
Bad
Mapk3
Capn1
Bcl2l1
Spta1
Pik3r2
Casp9
Ctsd
Ctsk
Ctsb
Parp4
Akt3
Ikbkb
Ctsf
Ctsz
Dab2ip
Map3k14
Casp6
Nras
Casp12
Birc2
Fos
Ctsl
Jun
Capn2
Akt1
Cflar
Itpr1
Ptpn13
Itpr2
Pdpk1
Eif2ak3
Apaf1
Kras
Ikbkg
Casp2
Ctsc
Mapk9
Dffa
Mapk14
Fadd
Casp3
Actb
Bak1
Traf2
Bid
Ctsh
Casp8
Arpp21
Parp2
Casp7
Trp53
hclust (*, "complete")

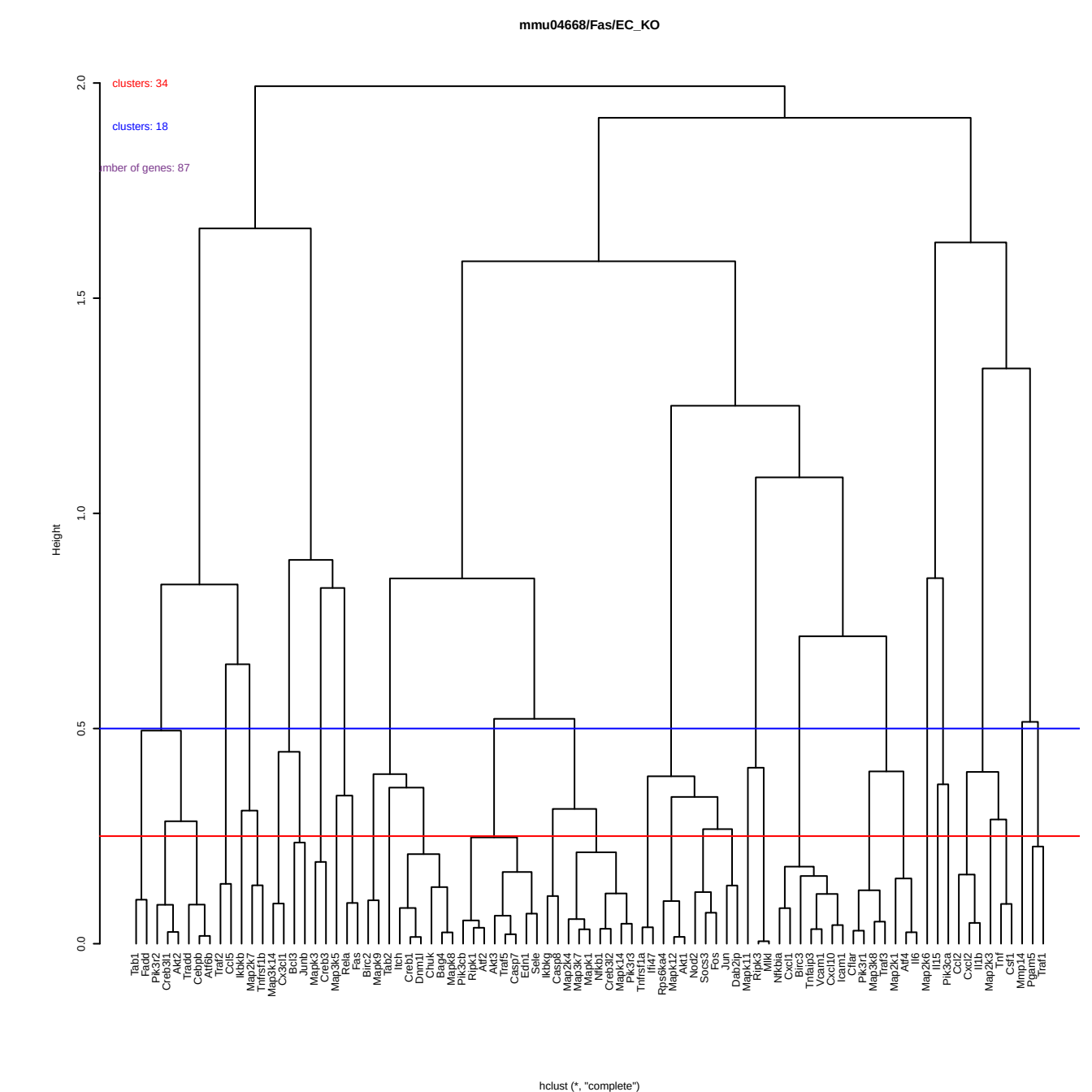

mmu04650/Fas/EC_WT
clusters: 27
clusters: 17
umber of genes: 51
Height
2.0
1.5
1.0
0.5
0.0
Tnfsf10
Cd247
Pik3r2
Nfatc1
Ifnar1
Ifnar2
Bid
Vav2
Syk
Tyrobp
Fcer1g
Tnf
Map2k2
Ifngr2
Grb2
Ptk2b
Plcg2
H2−T23
H2−K1
Shc1
Raf1
Araf
Prkcg
Icam1
Map2k1
Icam2
H2−D1
Mapk3
Sos1
Ppp3ca
Pik3r1
Braf
Sos2
Rac1
Plcg1
Ifngr1
Ptpn11
Fyn
Fas
Pik3ca
Kras
Ppp3r1
Casp3
Mapk1
Pik3cb
Vav3
Pik3r3
Ppp3cb
Nras
Ppp3cc
Tnfrsf10b
hclust (*, "complete")

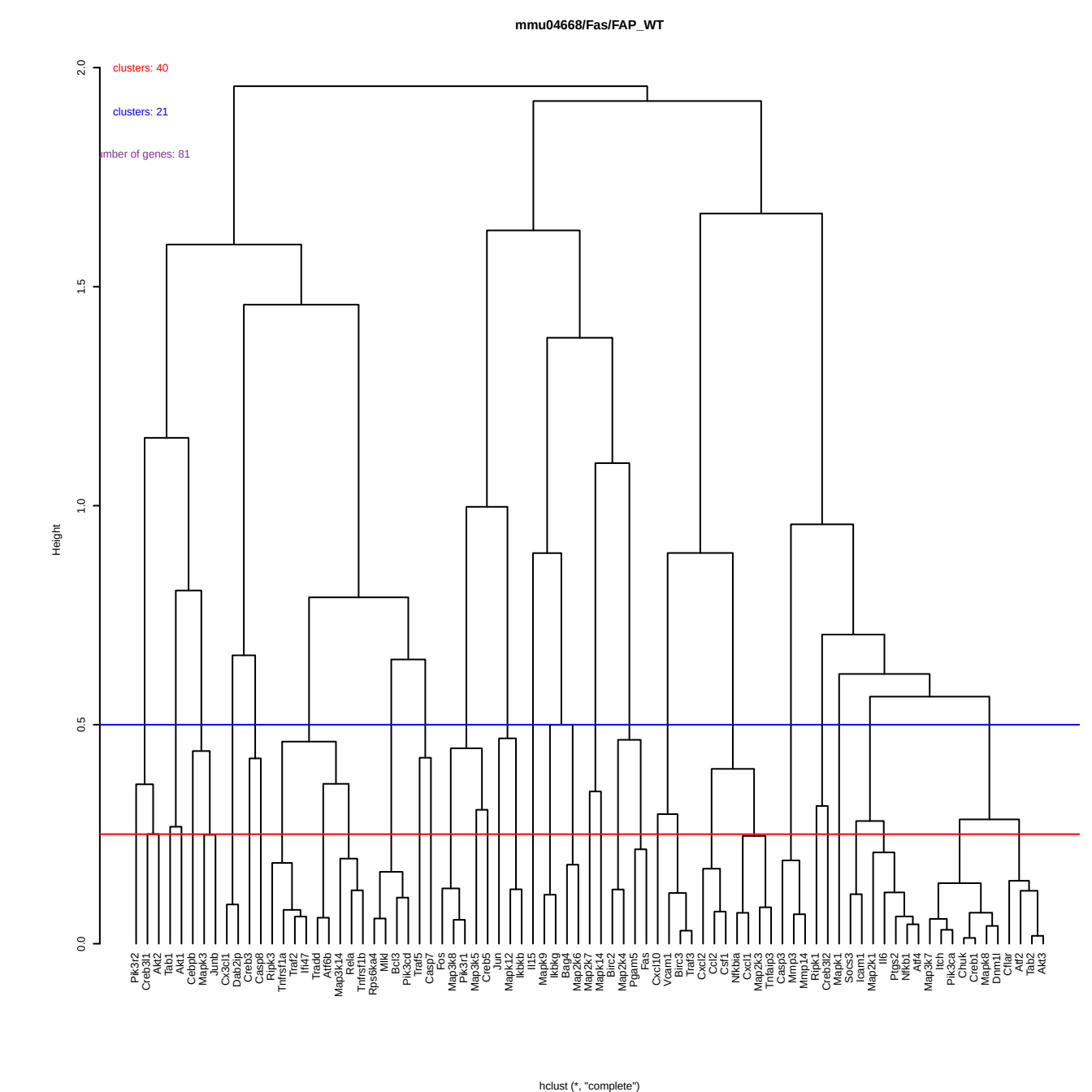

mmu04650/Fas/EC_KO
clusters: 20
clusters: 13
umber of genes: 48
Height
2.0
1.5
1.0
0.5
0.0
Tnf
Map2k2
Pik3r2
Raet1e
Ifngr2
Nras
Araf
Plcg2
Grb2
Tyrobp
Fcer1g
Ptk2b
Bid
Icam1
Prkcg
Tnfrsf10b
Mapk3
Ifnar2
Nfatc1
Fas
H2−T23
Cd247
Icam2
Rac1
Mapk1
Ptpn11
Plcg1
Sos2
Ppp3cc
Map2k1
Ppp3cb
Kras
Ppp3r1
Pik3r3
Fyn
Ifngr1
Pik3r1
Pik3cb
Sos1
Ifnar1
Pik3ca
Vav3
Ppp3ca
Raf1
Shc1
Tnfsf10
H2−D1
H2−K1
hclust (*, "complete")

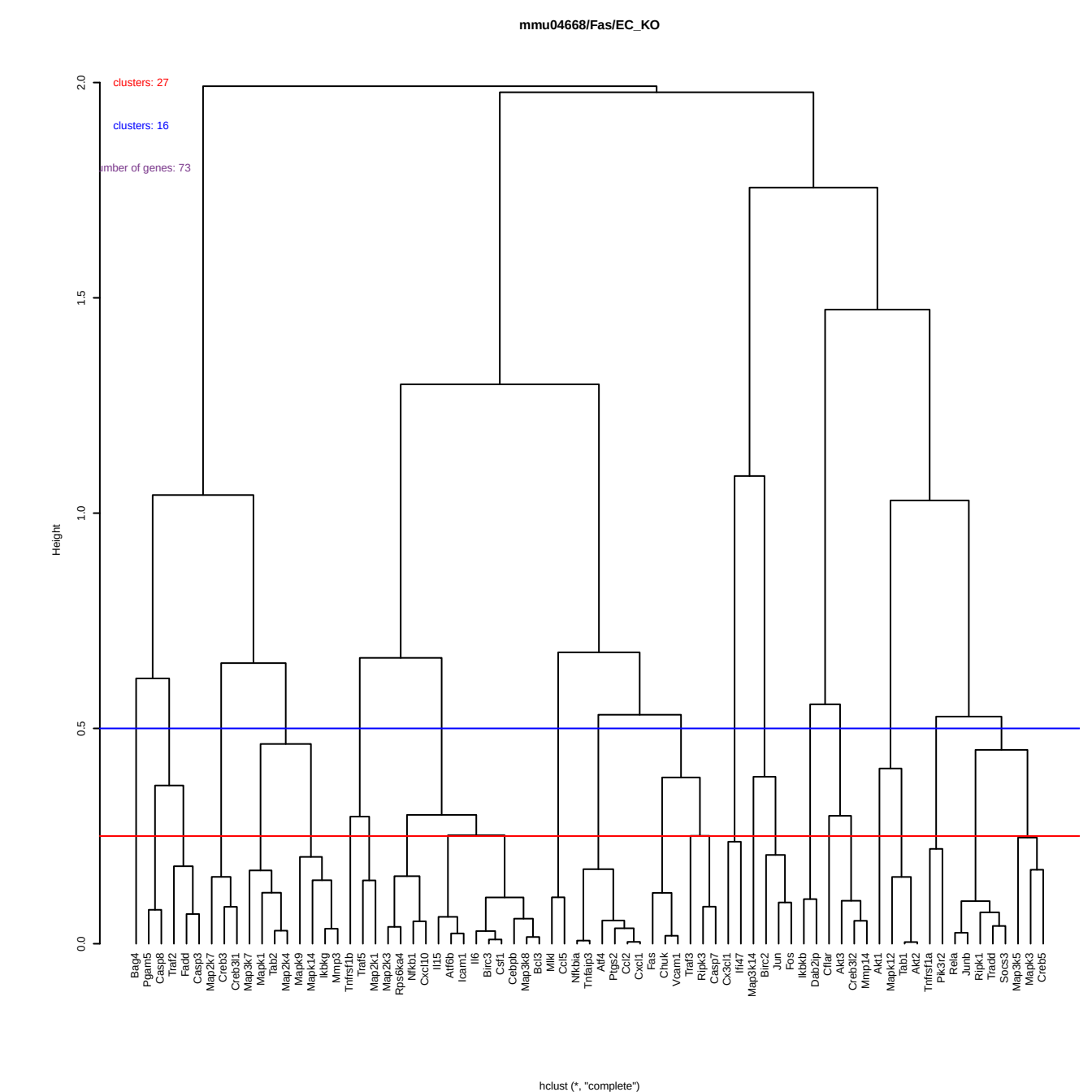

mmu04650/Fas/FAP_WT
clusters: 25
clusters: 16
umber of genes: 44
Height
2.0
1.5
1.0
0.5
0.0
Nras
Araf
Ppp3cb
Ppp3r1
Pik3ca
Sos1
Pik3r1
Ifngr1
Sos2
Kras
Raf1
Ppp3ca
Prkca
Ifngr2
Rac1
Mapk1
Icam1
Map2k1
Ptpn11
Fas
H2−D1
H2−K1
Rac3
Shc1
Ifnar1
Casp3
Plcg1
Shc2
Pik3r2
Fyn
Ppp3cc
Pak1
Map2k2
Ifnar2
Pik3cd
Tyrobp
Fcer1g
H2−T23
Mapk3
Vav2
Grb2
Nfatc1
Syk
Sh3bp2
hclust (*, "complete")

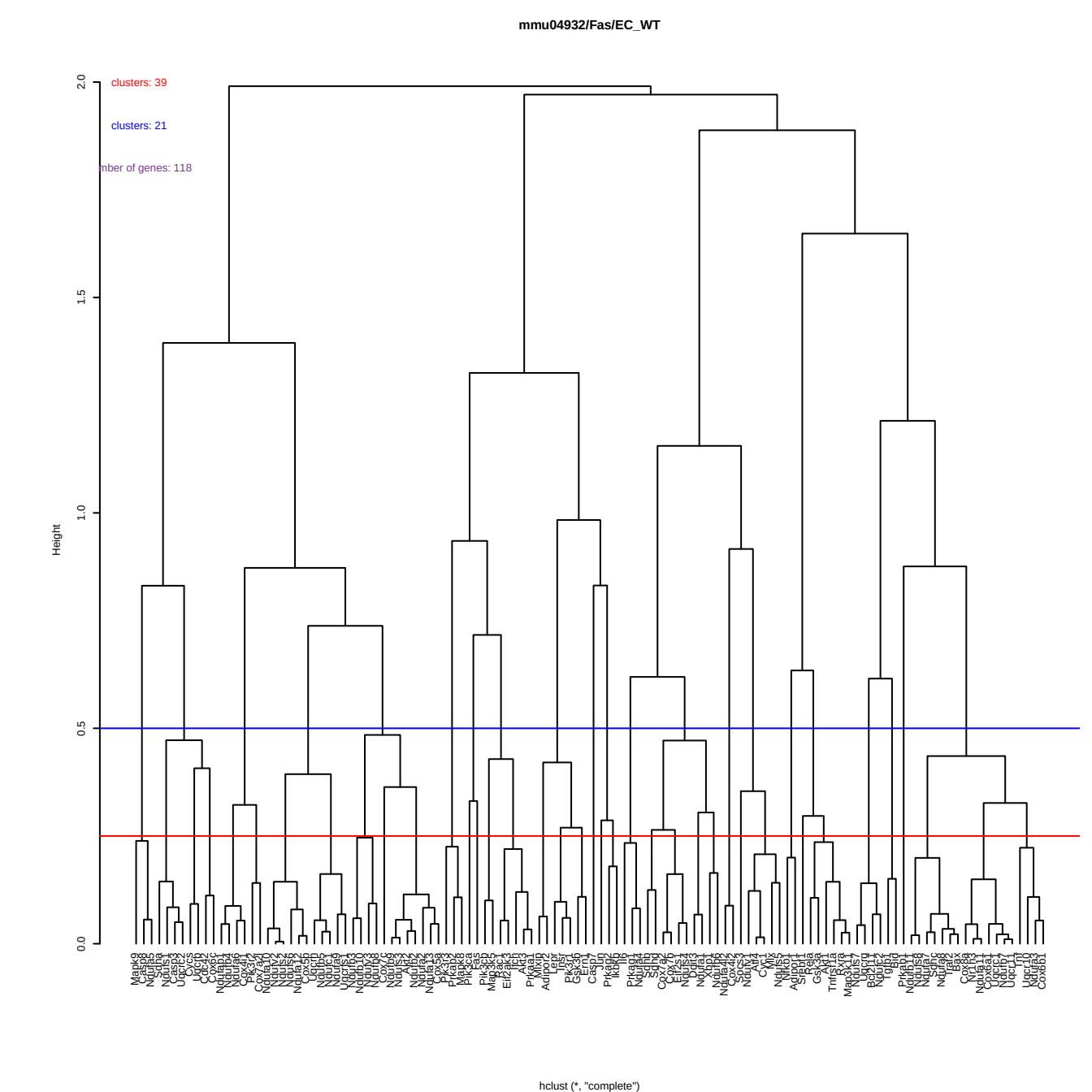

mmu04650/Fas/EC_KO
clusters: 18
clusters: 14
number of genes: 37
Height
2.0
1.5
1.0
0.5
0.0
Icam1
Map2k2
Sh3bp2
H2−T23
H2−D1
Pak1
Fas
H2−K1
Vav2
Nfatc1
Map2k1
Ifnar2
Ppp3ca
Ppp3cb
Prkca
Ppp3r1
Grb2
Kras
Ifngr2
Bid
Rac3
Ifnar1
Casp3
Rac1
Ptpn11
Mapk1
Ppp3cc
Ifngr1
Mapk3
Fyn
Raf1
Plcg1
Pik3r2
Shc2
Araf
Shc1
Nras
hclust (*, "complete")

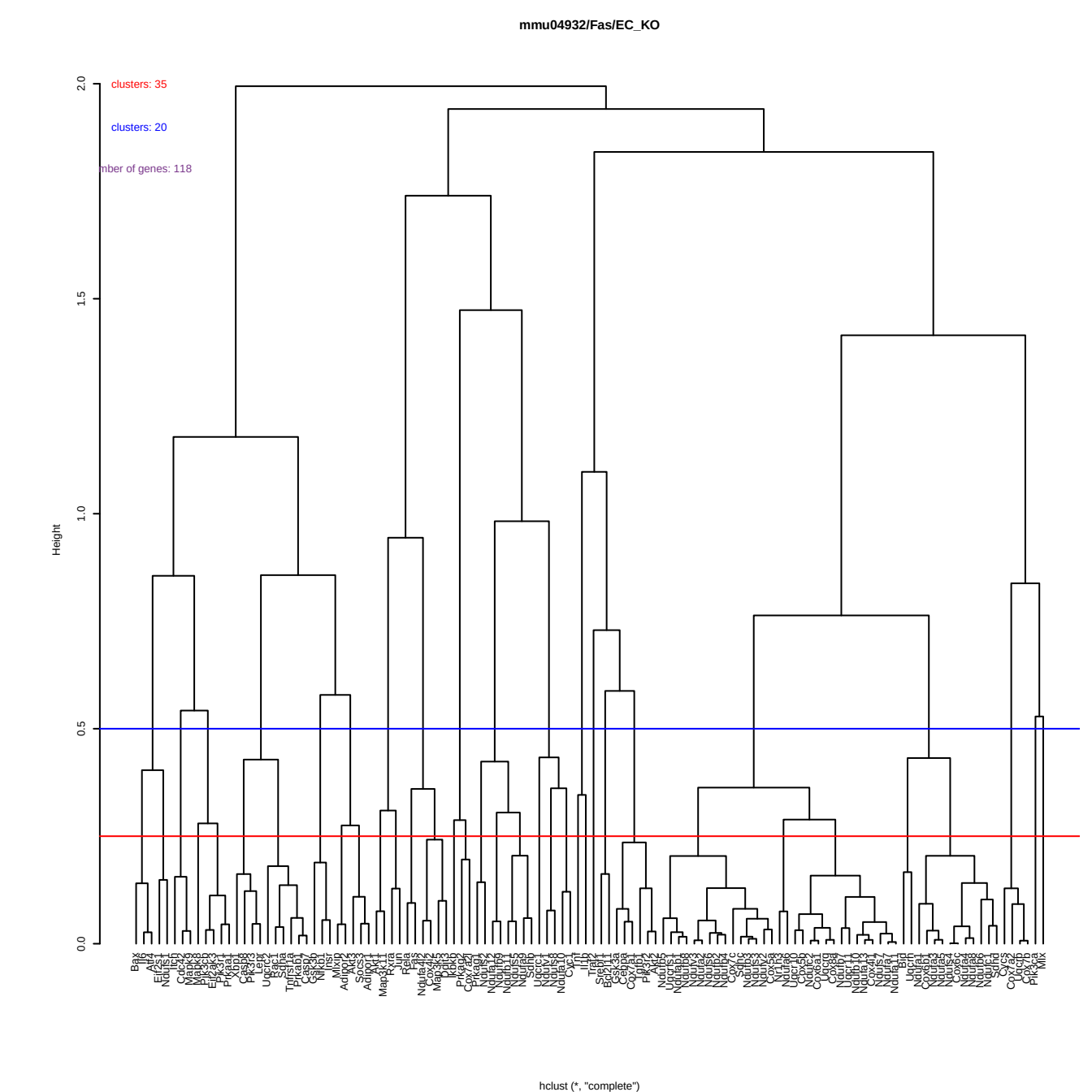

mmu04668/Fas/EC_WT
clusters: 38
clusters: 21
mber of genes: 87
Height
2.0
1.5
1.0
0.5
0.0
Casp7
Pik3r2
Akt1
Rela
Tnfrsf1a
Map2k7
Rps6ka4
Tab1
Junb
Traf3
Traf1
Tnfrsf1b
Mapk13
Cxcl1
Map3k14
Nod2
Traf5
Ifit47
Map2k3
Mapk12
Atf4
Socs3
Map2k1
Icam1
Tnf
Mapk11
Tradd
Atf6b
Traf2
Bcl3
Akt2
Creb3l4
Mmp14
Pgam5
Cxcl10
Cebpb
Ccl2
Cxcl2
Fadd
Ikbkb
Il15
Map2k6
Creb3l1
Mapk9
Bag4
Ikbkg
Mapk14
Mlkl
Casp8
Creb3
Ripk3
Casp3
Birc2
Map2k4
Mapk8
Birc3
Map3k8
Vcam1
Pik3r3
Chuk
Dnm1l
Pik3ca
Ripk1
Il6
Cxcl1
Tnfaip3
Nfkbia
Fas
Fos
Sele
Jun
Csf1
Nfkb1
Creb3l2
Dab2ip
Tab2
Cflar
Edn1
Pik3r1
Map3k5
Pik3cb
Mapk7
Mapk1
Akt3
Itch
Creb1
Atf2
hclust (*, "complete")

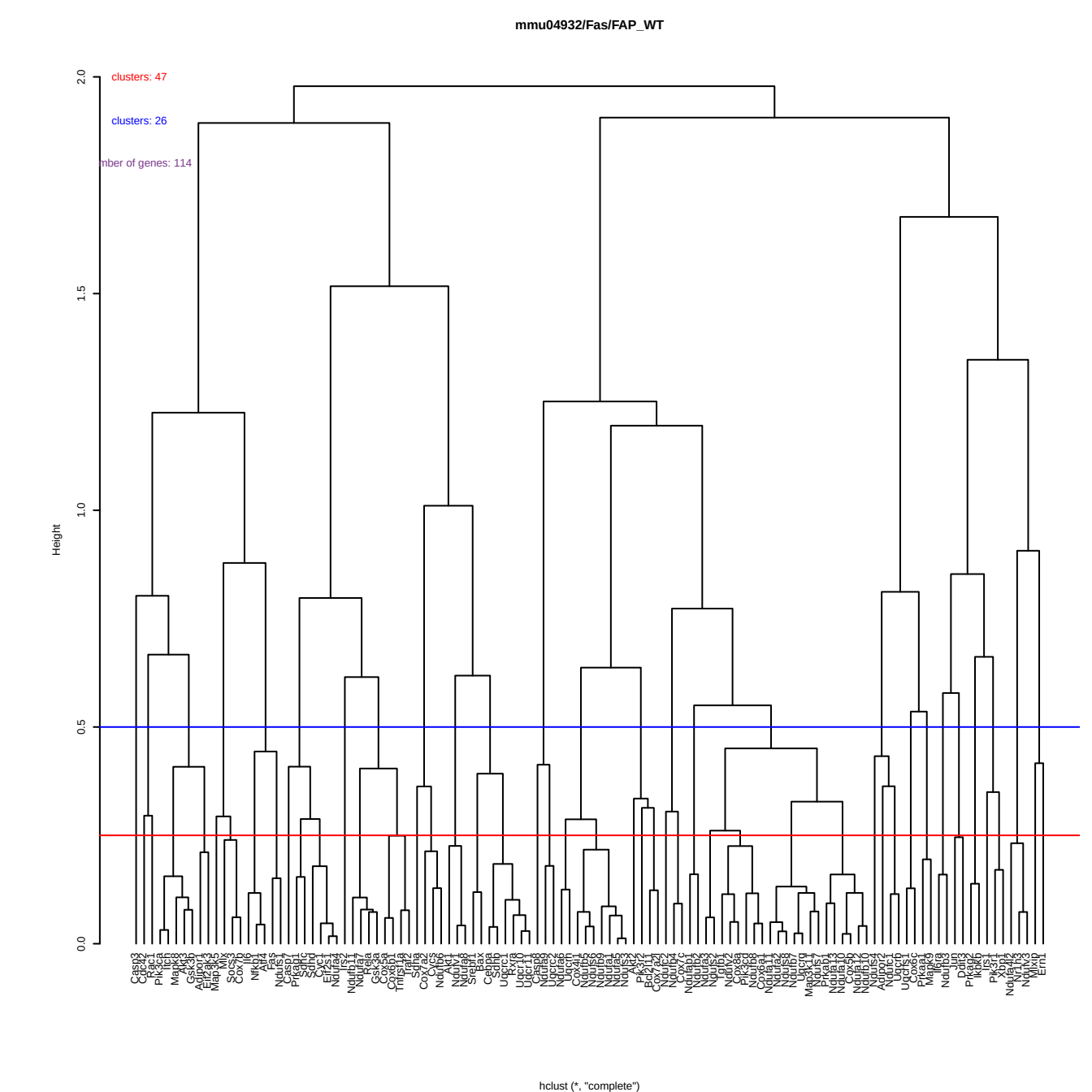

mmu04668/Fas/EC_KO
clusters: 34
clusters: 18
mber of genes: 87
Height
2.0
1.5
1.0
0.5
0.0
Tab1
Fadd
Pik3r2
Creb3l1
Akt2
Tradd
Cebpb
Atf6b
Traf2
Ccl5
Ikbkb
Map2k7
Tnfrsf1b
Map3k14
Cx3cl1
Bcl3
Junb
Mapk3
Creb3
Map3k5
Rela
Fas
Birc2
Mapk9
Tab2
Itch
Creb3l1
Dnm1l
Chuk
Bag4
Mapk8
Pik3cb
Ripk1
Atf2
Akt3
Traf5
Casp7
Edn1
Sele
Ikbkg
Casp8
Map2k4
Map3k7
Mapk1
Nfkb1
Creb3l2
Mapk14
Pik3r3
Tnfrsf1a
Ifi47
Rps6ka4
Mapk12
Akt1
Ncoa2
Socs3
Fos
Jun
Dab2ip
Mapk11
Ripk3
Mlkl
Nfkbia
Cxcl1
Birc3
Tnfaip3
Vcam1
Cxcl10
Icam1
Ccl7
Pik3r1
Map3k8
Traf3
Map2k1
Atf4
Il6
Map2k6
Il15
Pik3ca
Ccl2
Cxcl2
Il1b
Map2k2
Tnf
Csf1
Mmp14
Ptgs2
Traf1
hclust (*, "complete")

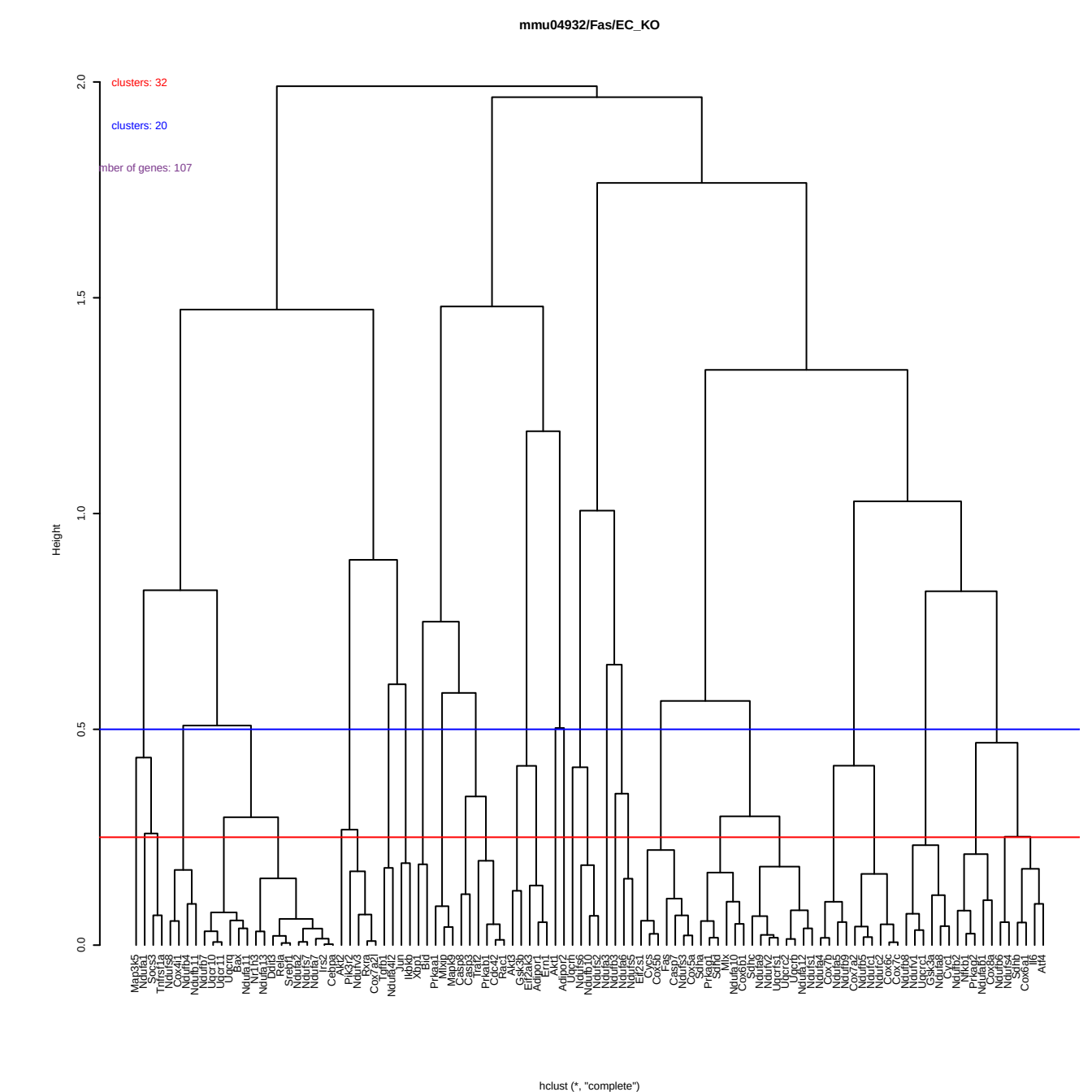

mmu04668/Fas/FAP_WT
clusters: 40
clusters: 21
umber of genes: 81
Height
2.0
1.5
1.0
0.5
0.0
Pik3r2
Creb3l1
Akt2
Tab1
Akt1
Cebpb
Mapk3
Junb
Cx3cl1
Dab2ip
Creb3
Casp8
Ripk3
Tnfrsf1a
Traf2
Ifi47
Tradd
Atf6b
Map3k14
Rela
Tnfrsf1b
Rps6ka4
Mlkl
Bcl3
Pik3cd
Traf5
Casp7
Fos
Map3k8
Pik3r1
Map3k5
Creb5
Jun
Mapk12
Ikbkb
Il15
Mapk9
Ikbkg
Bag4
Map2k6
Map2k7
Mapk14
Birc2
Map2k4
Pgam5
Fas
Cxcl10
Vcam1
Birc3
Traf3
Cxcl2
Ccl2
Csf1
Nfkbia
Cxcl1
Map2k3
Tnfaip3
Casp3
Mmp3
Mmp14
Ripk1
Creb3l2
Mapk1
Socs3
Icam1
Map2k1
Il6
Ptgs2
Nfkb1
Atf4
Map3k7
Itch
Pik3ca
Chuk
Creb1
Mapk8
Dnm1l
Cflar
Atf2
Tab2
Akt3
hclust (*, "complete")

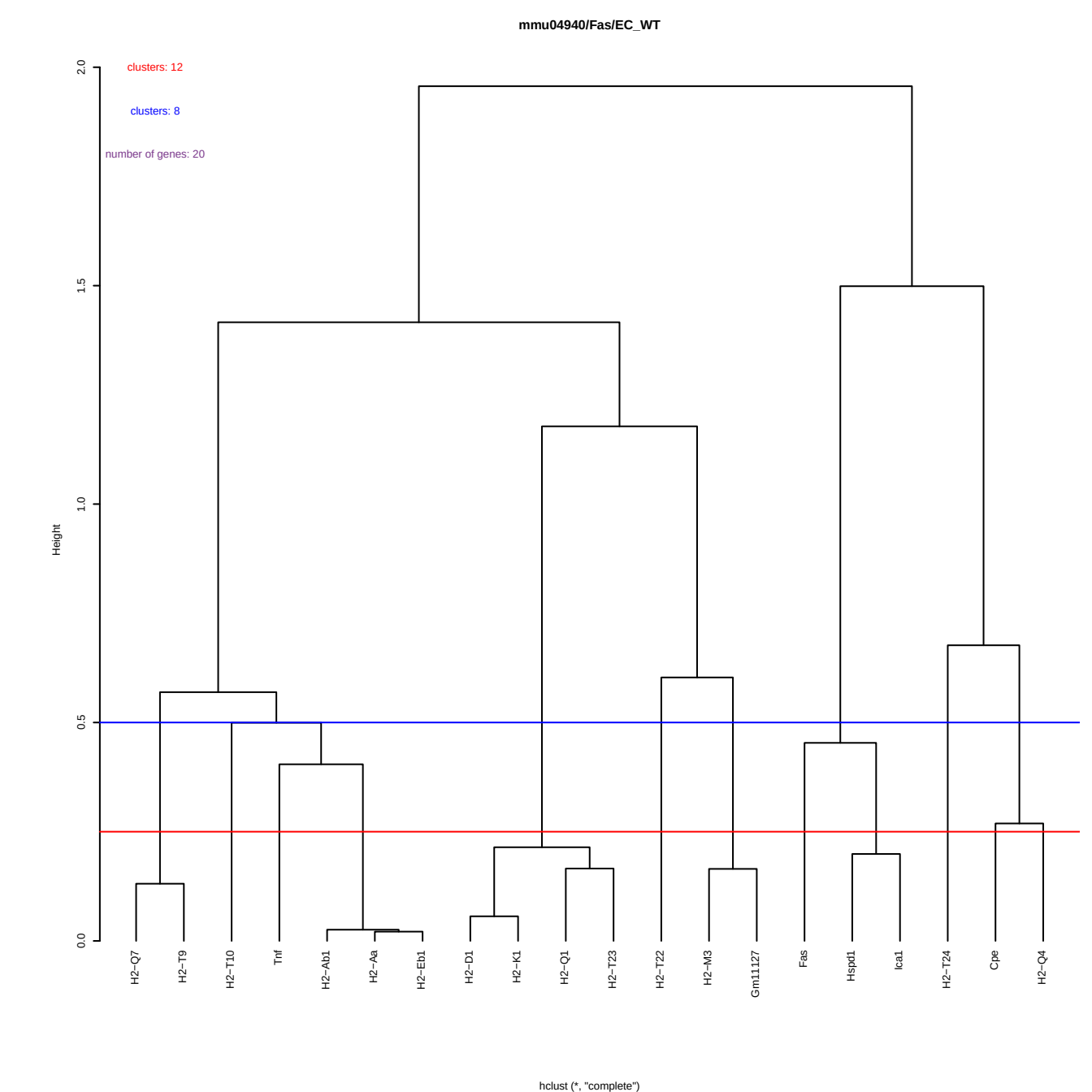

mmu04668/Fas/EC_KO
clusters: 27
clusters: 16
mber of genes: 73
Height
2.0
1.5
1.0
0.5
0.0
Bag4
Pgam5
Casp8
Traf2
Fadd
Casp3
Map2k7
Creb3
Creb3l1
Map3k7
Mapk1
Tab2
Map2k4
Mapk9
Mapk14
Ikbkg
Mmp3
Tnfrsf1b
Traf5
Map2k1
Map2k3
Rps6ka4
Nfkb1
Cxcl10
Il15
Atf6b
Icam1
Il6
Birc3
Csf1
Cebpb
Map3k8
Bcl3
Mlkl
Ccl5
Nfkbia
Tnfaip3
Atf4
Ptgs2
Ccl2
Cxcl1
Fas
Chuk
Vcam1
Traf3
Ripk3
Casp7
Cx3cl1
Ifi47
Map3k14
Birc2
Jun
Fos
Ikbkb
Dab2ip
Cflar
Akt3
Creb3l2
Mmp14
Akt1
Mapk12
Tab1
Akt2
Tnfrsf1a
Pik3r2
Rela
Junb
Ripk1
Tradd
Socs3
Map3k5
Mapk3
Creb5
hclust (*, "complete")

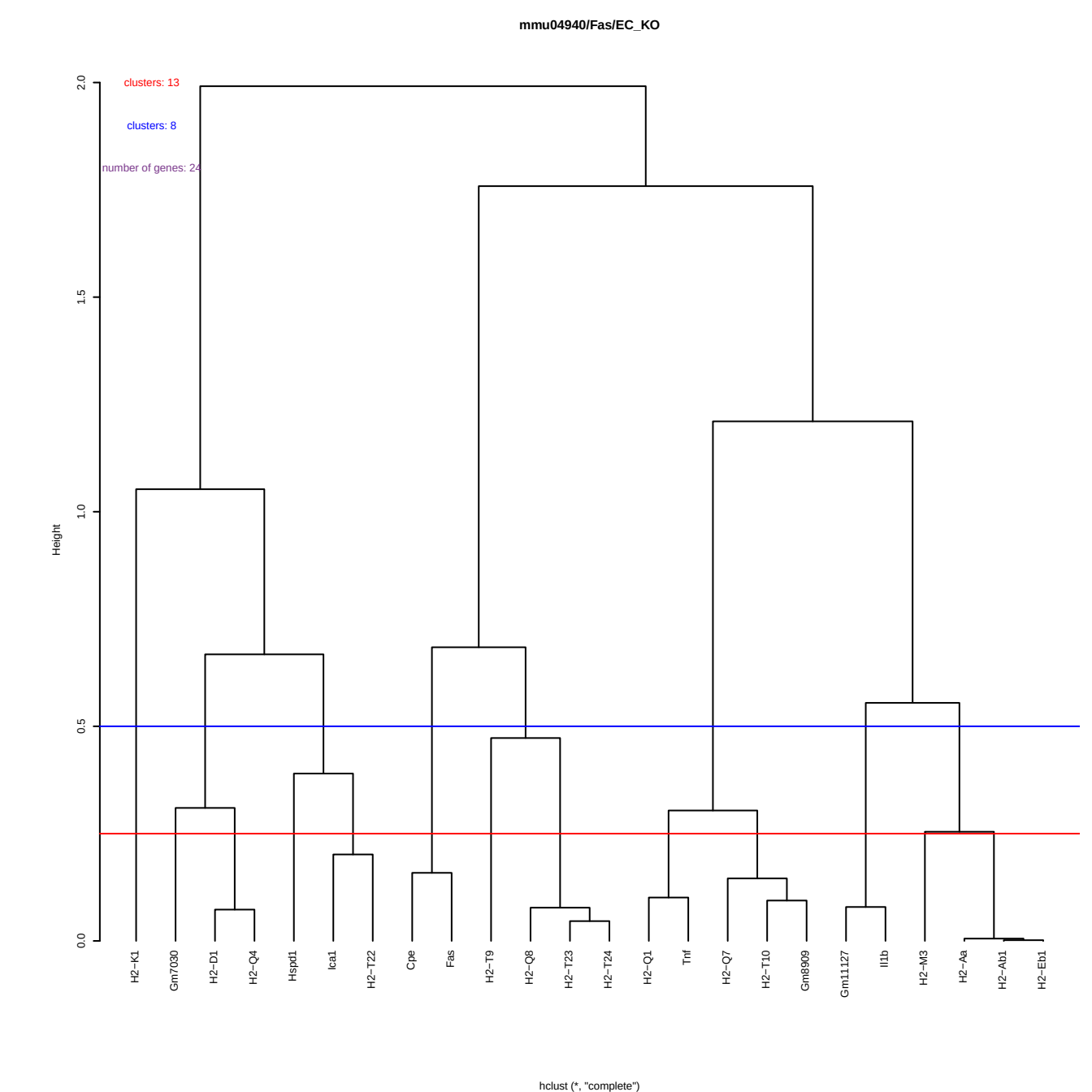

mmu04932/Fas/EC_WT
clusters: 39
clusters: 21
mber of genes: 118
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

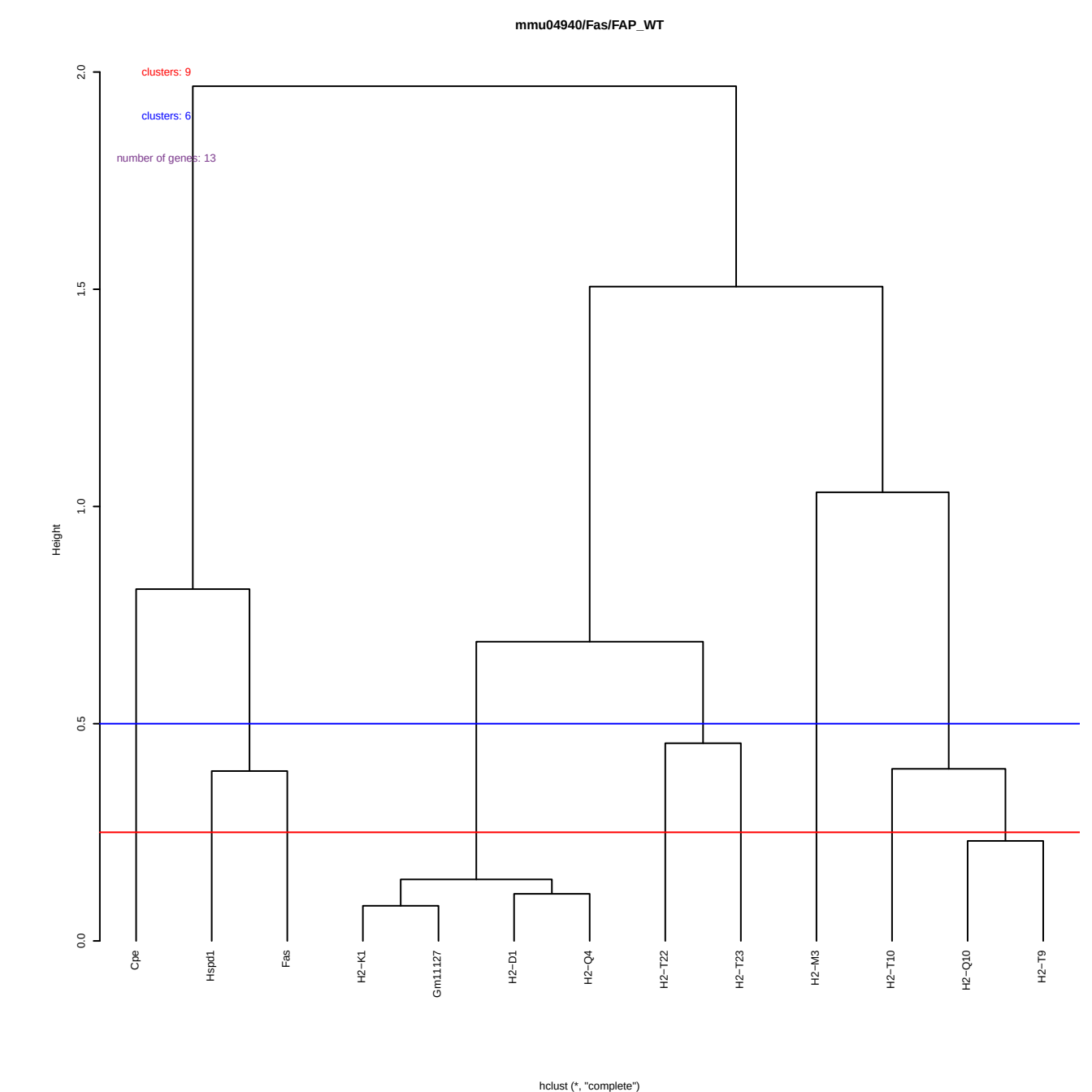

mmu04932/Fas/EC_KO
clusters: 35
clusters: 20
mber of genes: 118
Height
2.0
1.5
1.0
0.5
0.0
Bax
Il6
Jun
Akt1
Eif4ebp1
Ndufs1
Ucp2
Cdc42
Mapk9
Mapk8
Mapk8
Eif2ak3
Pik3r1
Pik3ca
Pik3r1
Xiap
Casp8
Pik3r3
Ikbkb
Ucrc2
Sqle
Sqle
Tnfrsf1a
Prkab1
Prkab2
Csk
Csk
Csk

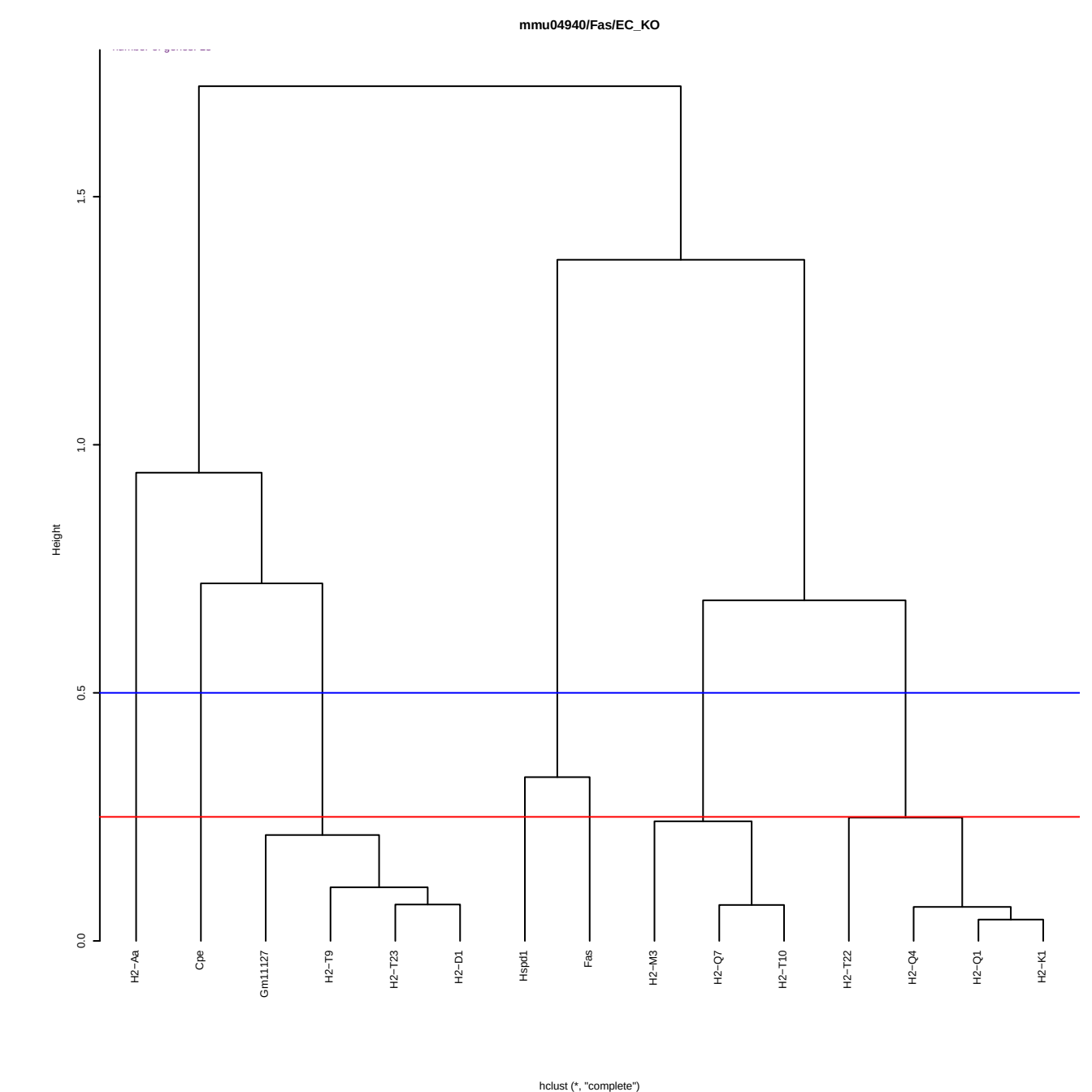

mmu04932/Fas/FAP_WT
clusters: 47
clusters: 26
mber of genes: 114
Height
0.0
0.5
1.0
1.5
2.0
hclust (*, "complete")

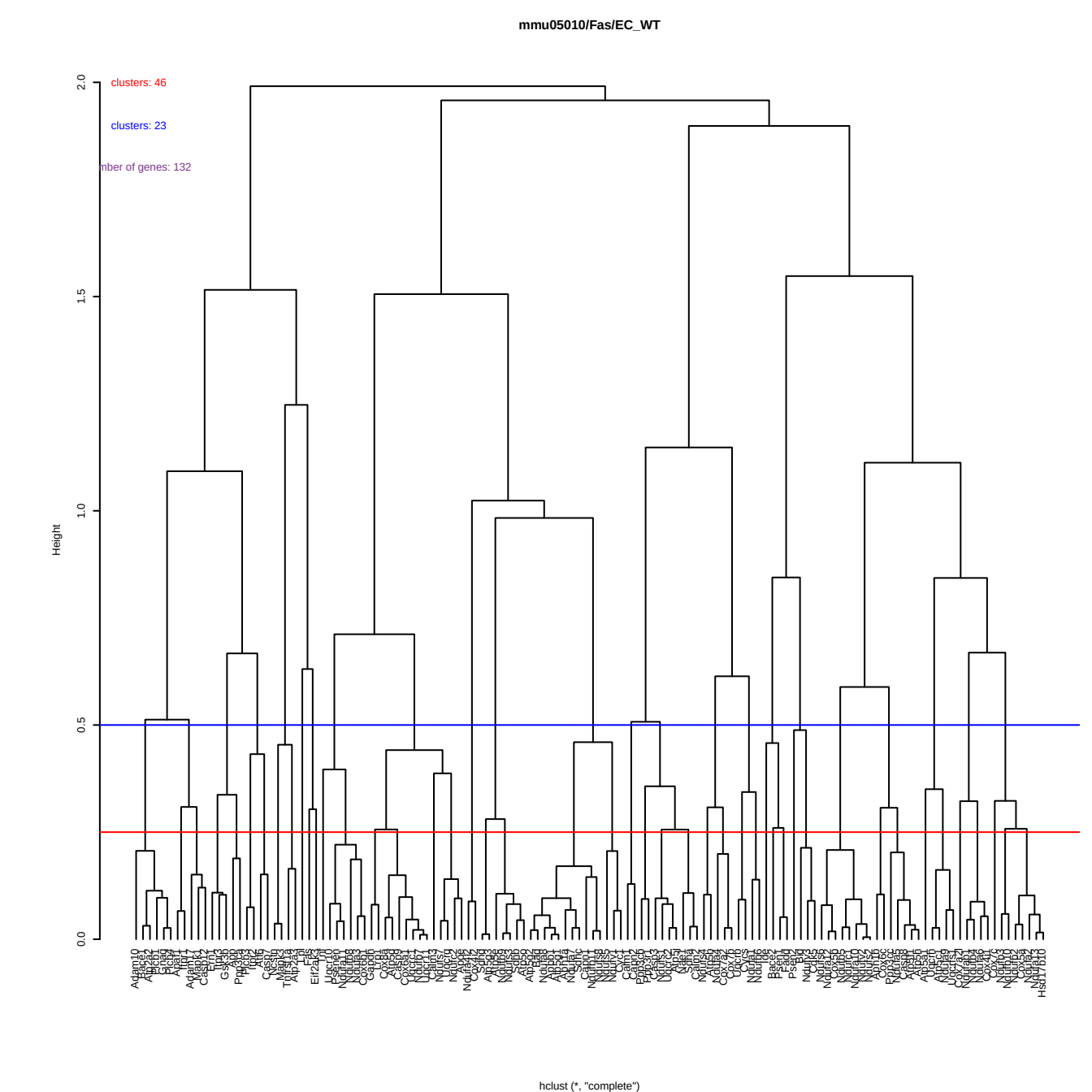

mmu04932/Fas/EC_KO
clusters: 32
clusters: 20
mber of genes: 107
Height
0.0
0.5
1.0
1.5
2.0
Map3k5
Ndufa1
Socs3
Tnfrsf1a
Ndufs8
Cox4i1
Ndufb4
Ndufb11
Ndufb7
Uqcr10
Uqcr11
Uqcrq
Bax
Ndufa11
Nr1h3
Ndufa13
Ddit3
Rela
Srebf1
Ndufa2
Ndufs7
Ndufa7
Irs2
Cebpa
Akt2
Pik3r2
Nfkb1
Nfkb2
Rxra
Cox7a2l
Tgfb1
Ndufa4l2
Jun
Ikbkb
Xbp1
Bid
Prkaa1
Mlxip
Mapk9
Casp8
Casp3
Tnfrsf1a
Prkab1
Cdc42
Rac1
Akt3
Gsk3b
Eif2ak3
Adipor1
Ern1
Akt1
Adipor2
Uqcrh
Ndufs6
Ndufb10
Ndufs2
Ndufa3
Ndufb3
Ndufa6
Ndufs5
Eif2s1
Cycs
Cox5b
Fas
Casp7
Ndufs3
Cox5a
Sdha
Prkag1
Sdhd
Mlx
Ndufa10
Cox6b1
Sdhc
Ndufa9
Ndufv2
Uqcrfs1
Uqcrc2
Uqcrb
Ndufa12
Ndufs1
Ndufa4
Cox7b
Ndufa5
Ndufb9
Cox7a2
Ndufb5
Ndufc1
Ndufc2
Cox6c
Cox7c
Ndufb8
Ndufv1
Uqcrc1
Gsk3a
Ndufa8
Cyc1
Ndufb2
Nfkb1
Prkag2
Ndufa6
Cox8a
Ndufb6
Ndufs4
Sdhb
Cox6a1
Ifi6
Atf4
hclust (*, "complete")

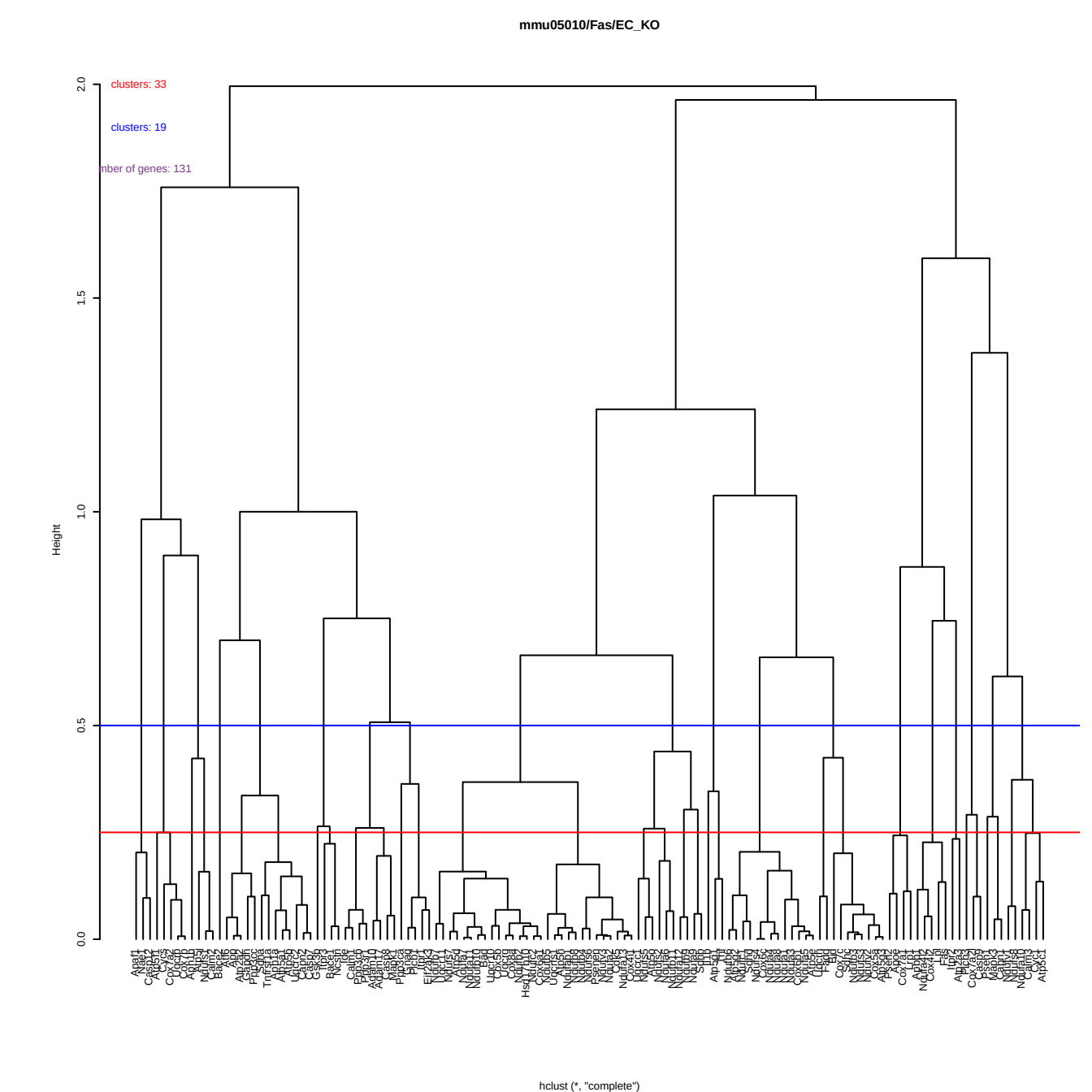

mmu04940/Fas/EC_WT
clusters: 12
clusters: 8
number of genes: 20
Height
2.0
1.5
1.0
0.5
0.0
H2−Q7
H2−T9
H2−T10
Tnf
H2−Ab1
H2−Aa
H2−Eb1
H2−D1
H2−K1
H2−Q1
H2−T23
H2−T22
H2−M3
Gm11127
Fas
Hspd1
Ica1
H2−T24
Cpe
H2−Q4
hclust (*, "complete")

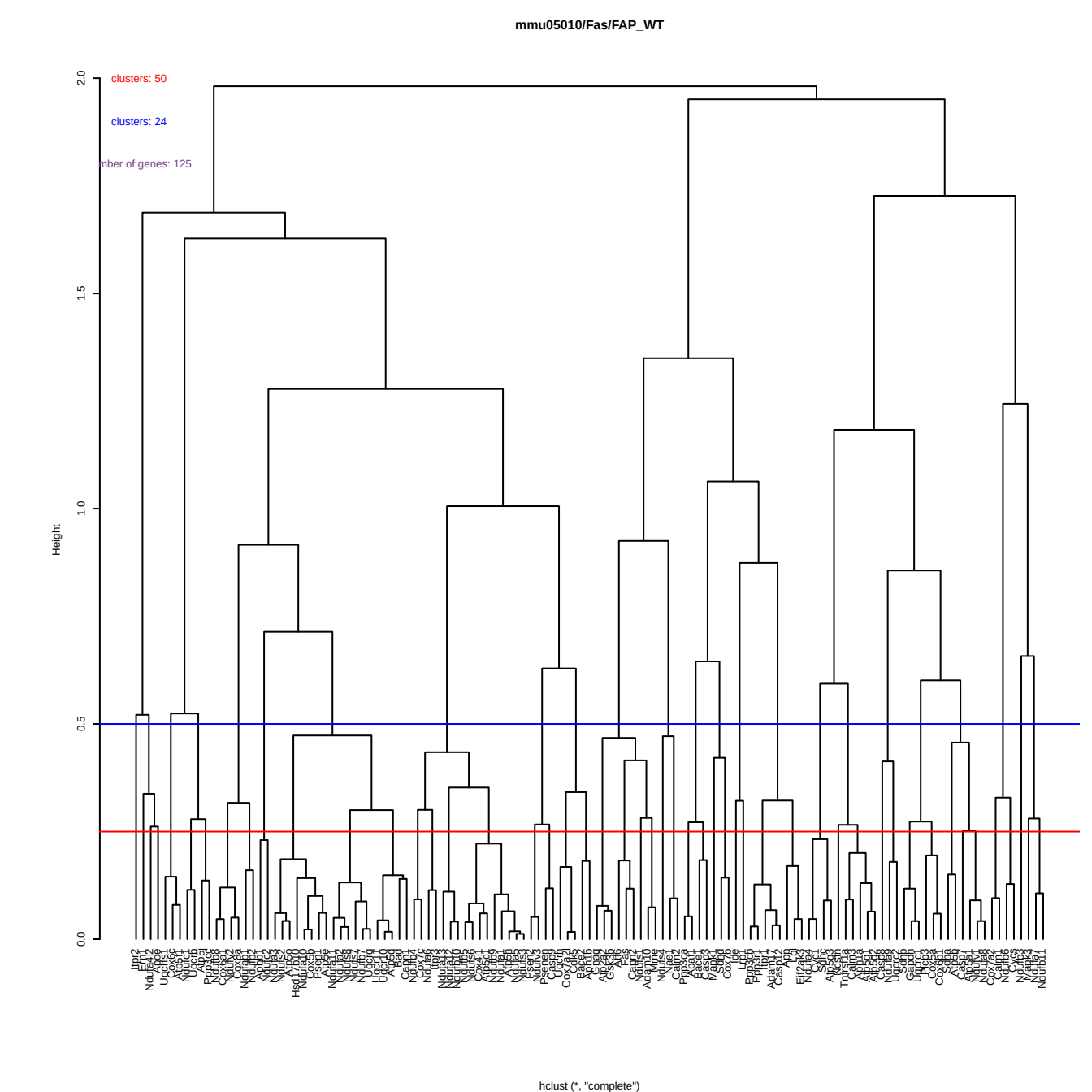

mmu04940/Fas/EC_KO
clusters: 13
clusters: 8
number of genes: 24
Height
2.0
1.5
1.0
0.5
0.0
H2−K1
Gm7030
H2−D1
H2−Q4
Hspd1
Ica1
H2−T22
Cpe
Fas
H2−T9
H2−Q8
H2−T23
H2−T24
H2−Q1
Tnf
H2−Q7
H2−T10
Gm8909
Gm11127
Il1b
H2−M3
H2−Aa
H2−Ab1
H2−Eb1
hclust (*, "complete")

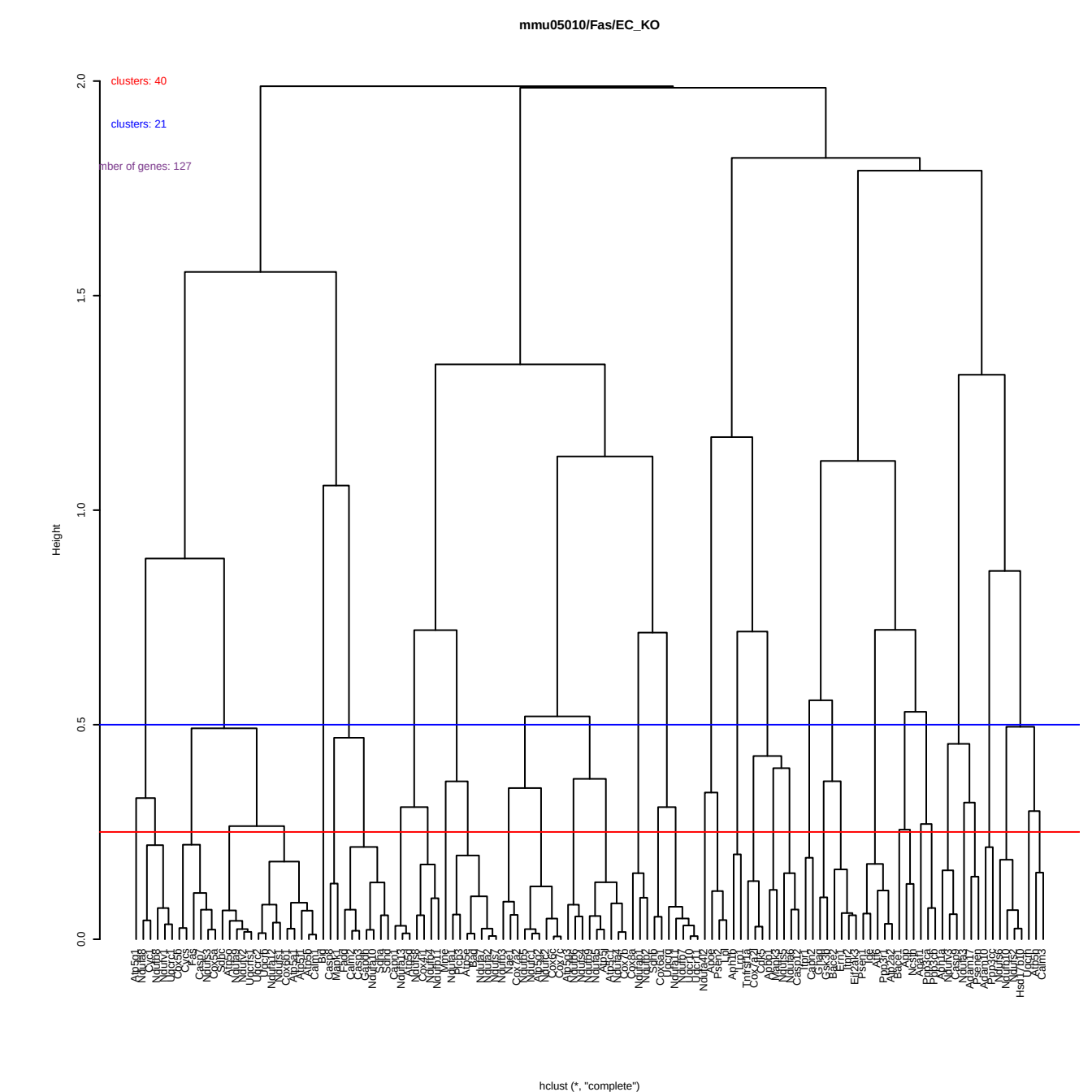

mmu04940/Fas/FAP_WT
clusters: 9
clusters: 6
number of genes: 13
Height
2.0
1.5
1.0
0.5
0.0
Cpe
Hspd1
Fas
H2−K1
Gm11127
H2−D1
H2−Q4
H2−T22
H2−T23
H2−M3
H2−T10
H2−Q10
H2−T9
hclust (*, "complete")

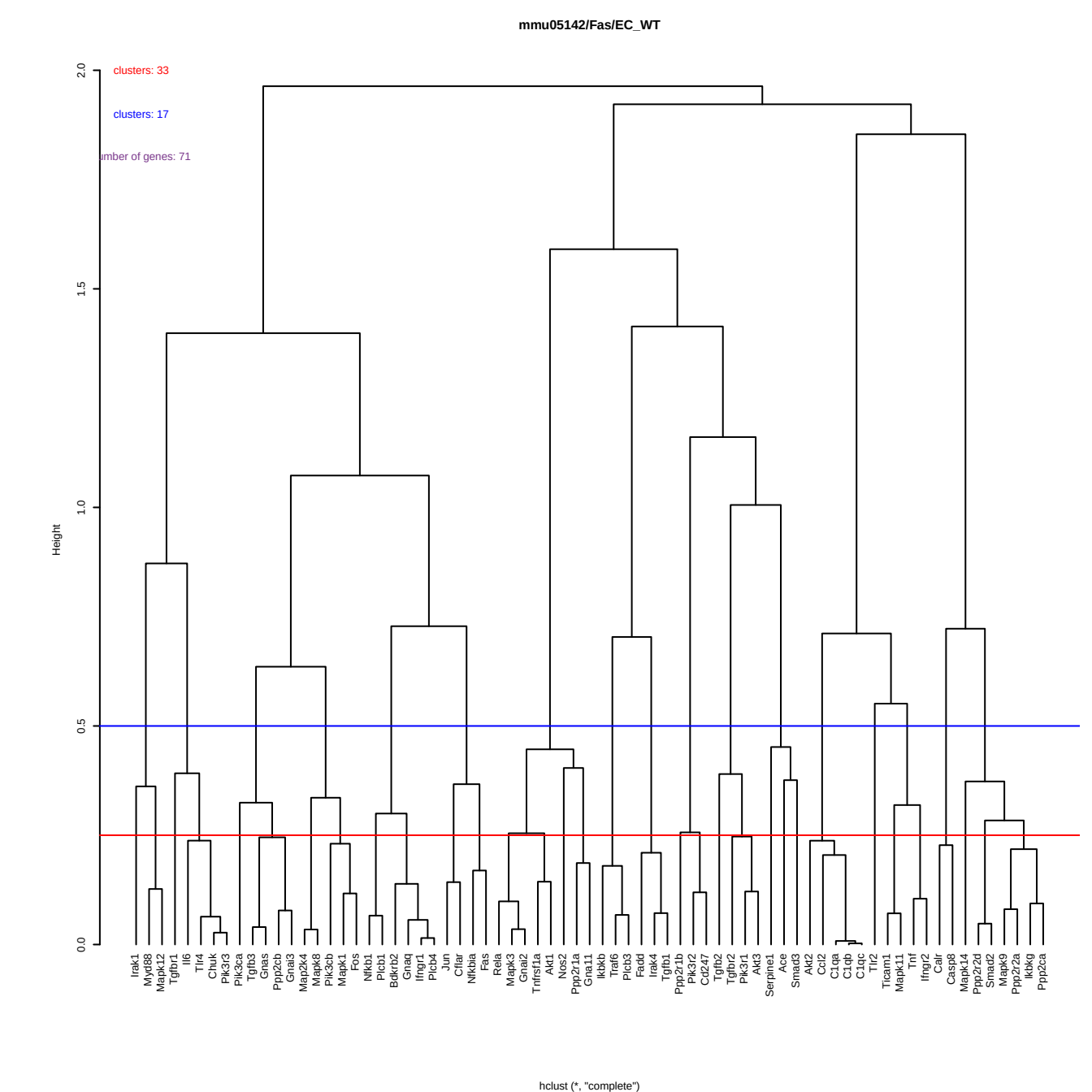

mmu04940/Fas/EC_KO
Height
0.0
0.5
1.0
1.5
H2−Aa
Cpe
Gm11127
H2−T9
H2−T23
H2−D1
Hspd1
Fas
H2−M3
H2−Q7
H2−T10
H2−T22
H2−Q4
H2−Q1
H2−K1
hclust (*, "complete")

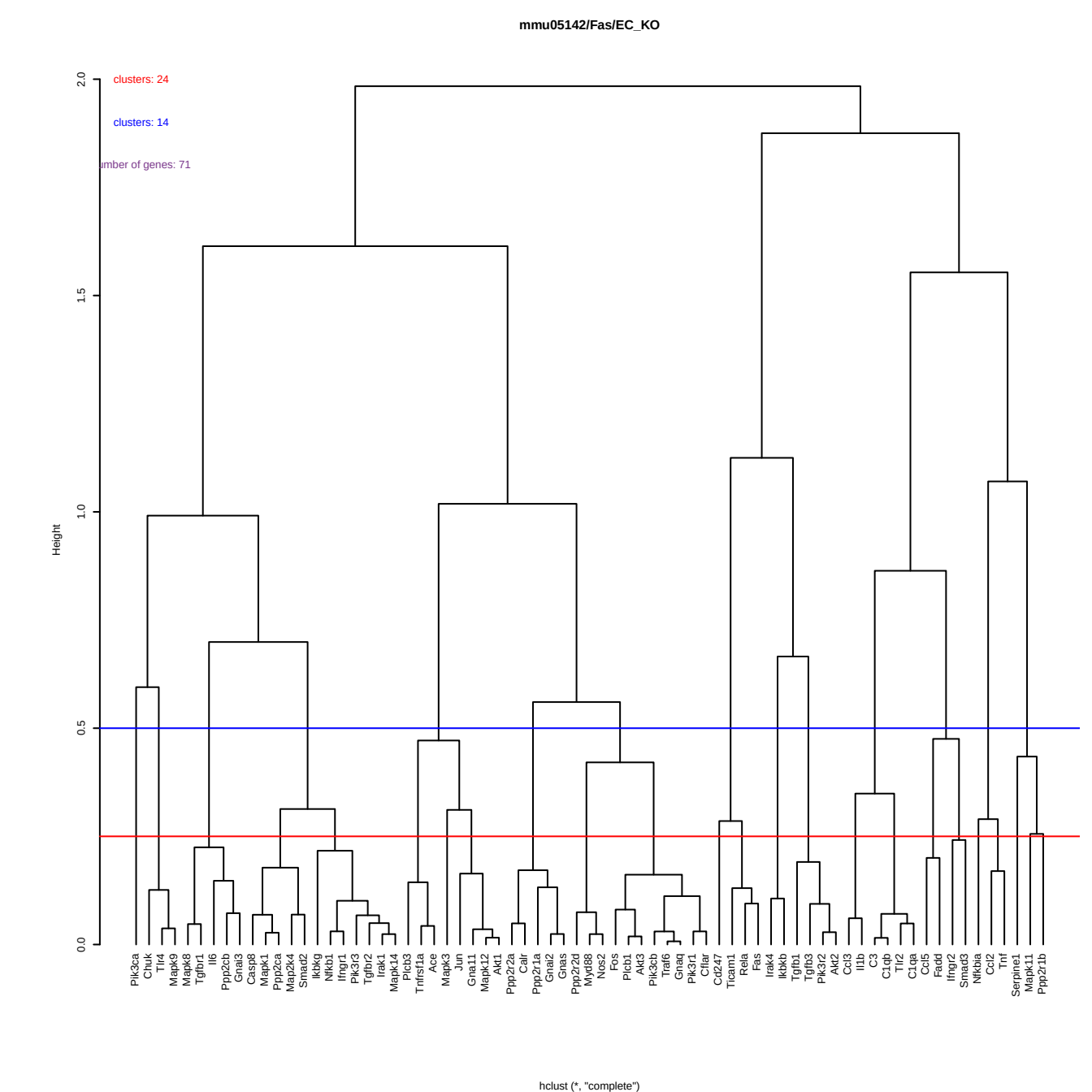

mmu05010/Fas/EC_WT
clusters: 46
clusters: 23
mber of genes: 132
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

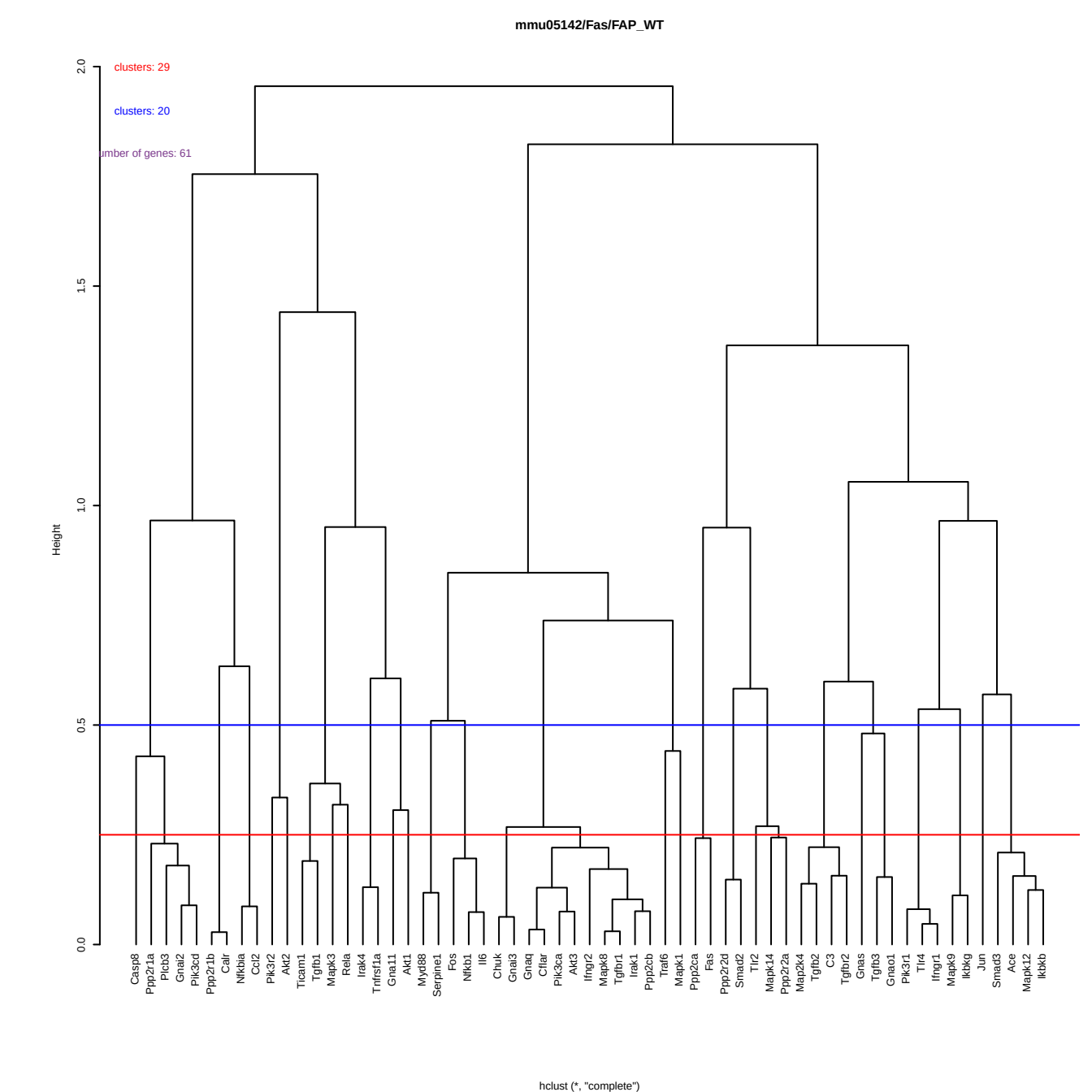

mmu05010/Fas/EC_KO
clusters: 33
clusters: 19
mber of genes: 131
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

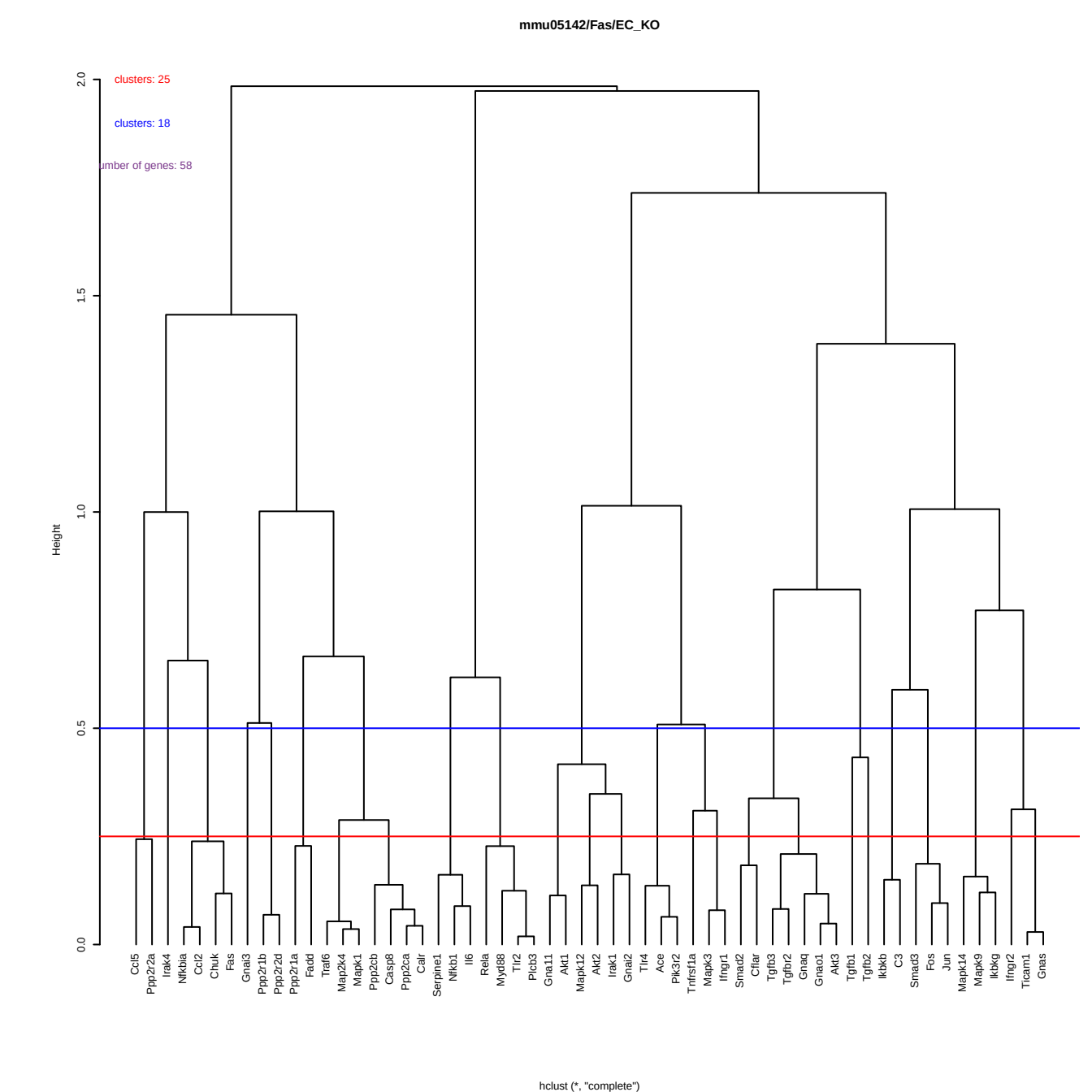

mmu05010/Fas/FAP_WT
clusters: 50
clusters: 24
mber of genes: 125
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

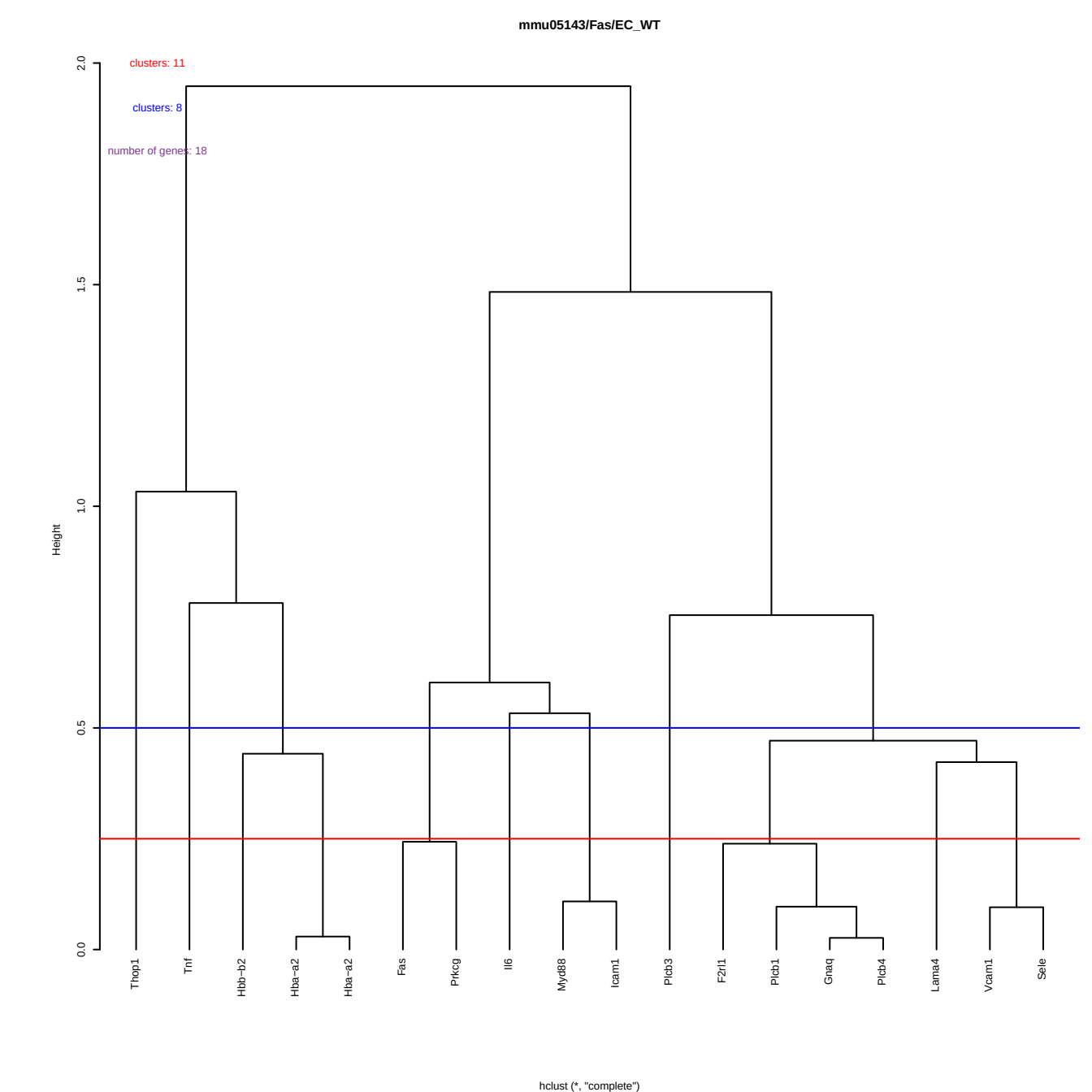

mmu05010/Fas/EC_KO
clusters: 40
clusters: 21
mber of genes: 127
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

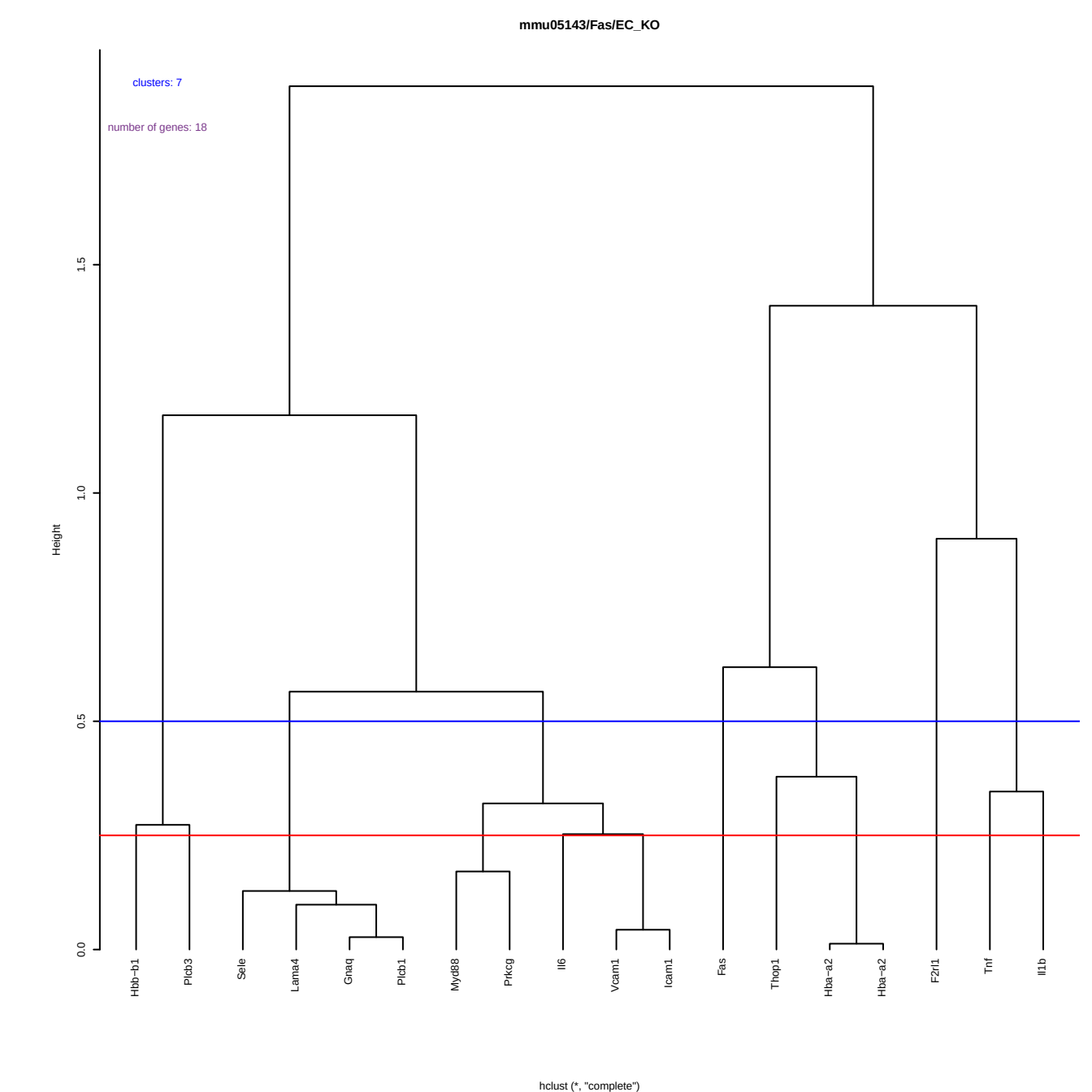

mmu05142/Fas/EC_WT
clusters: 33
clusters: 17
umber of genes: 71
Height
2.0
1.5
1.0
0.5
0.0
Irak1
Myd88
Mapk12
Tgfbr1
Il6
Tlr4
Chuk
Pik3r3
Pik3ca
Tgfb3
Gnas
Ppp2cb
Gnai3
Map2k4
Mapk8
Pik3cb
Mapk1
Fos
Nfkb1
Plcb1
Bdkrb2
Gnaq
Ifngr1
Plcb4
Jun
Cflar
Nfkbia
Fas
Rela
Mapk3
Gnai2
Tnfrsf1a
Akt1
Nos2
Ppp2r1a
Gna11
Ikbkb
Traf6
Plcb3
Fadd
Irak4
Tgfb1
Ppp2r1b
Pik3r2
Cd247
Tgfb2
Tgfbr2
Pik3r1
Akt3
Serpine1
Ace
Smad3
Akt2
Ccl2
C1qa
C1qb
C1qc
Tlr2
Ticam1
Mapk11
Tnf
Ifngr2
Calr
Casp8
Mapk14
Ppp2r2d
Smad2
Mapk9
Ppp2r2a
Ikbkg
Ppp2ca
hclust (*, "complete")

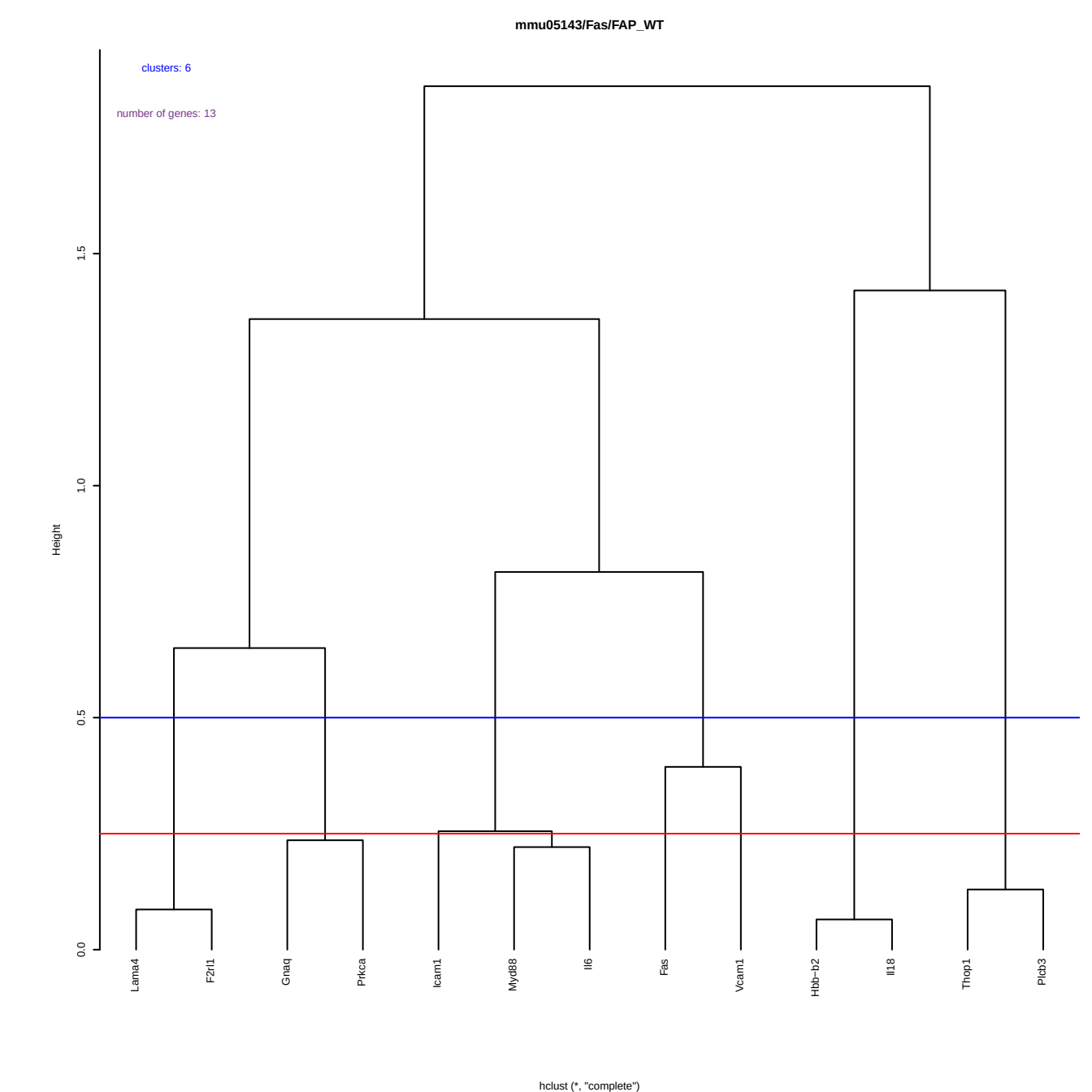

mmu05142/Fas/EC_KO
clusters: 24
clusters: 14
umber of genes: 71
Height
2.0
1.5
1.0
0.5
0.0
Pik3ca
Chuk
Tlr4
Mapk9
Mapk8
Tgfbr1
Il6
Ppp2cb
Gnai3
Casp8
Mapk1
Ppp2ca
Map2k4
Smad2
Ikbkg
Nfkb1
Ifngr1
Pik3r3
Tgfbr2
Irak1
Mapk14
Plcb3
Tnfrsf1a
Ace
Mapk3
Jun
Gna11
Mapk12
Akt1
Ppp2r2a
Calr
Ppp2r1a
Gnai2
Gnas
Ppp2r2d
Myd88
Nos2
Fos
Plcb1
Akt3
Pik3cb
Traf6
Gnaq
Pik3r1
Cflar
Cd247
Ticam1
Rela
Fas
Irak4
Ikbkb
Tgfb1
Tgfb3
Pik3r2
Akt2
Ccl3
Il1b
C3
C1qb
Tlr2
C1qa
Ccl5
Fadd
Ifngr2
Smad3
Nfkbia
Ccl2
Tnf
Serpine1
Mapk11
Ppp2r1b
hclust (*, "complete")

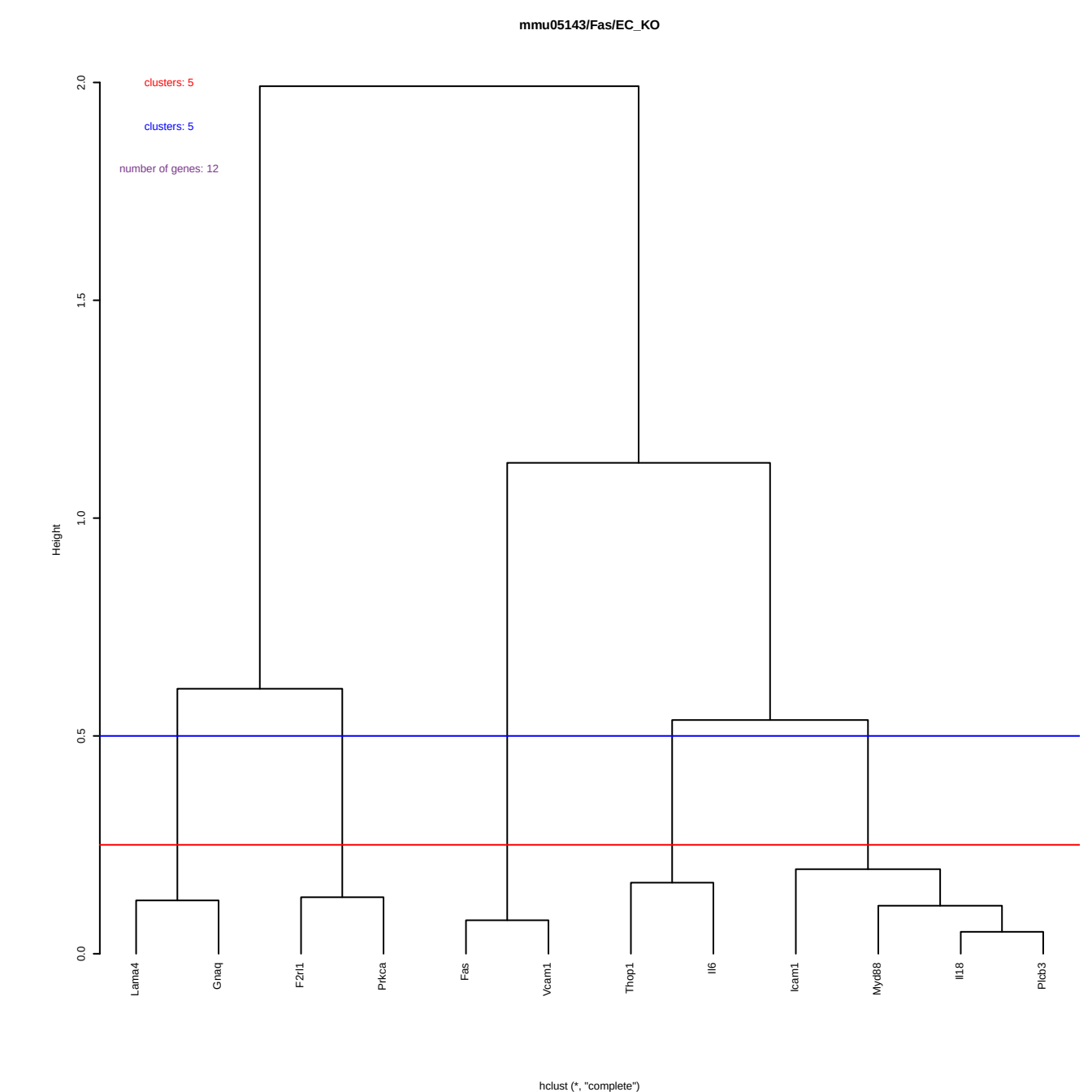

mmu05142/Fas/FAP_WT
clusters: 29
clusters: 20
umber of genes: 61
Height
2.0
1.5
1.0
0.5
0.0
Casp8
Ppp2r1a
Plcb3
Gnai2
Pik3cd
Ppp2r1b
Calr
Nfkbia
Ccl2
Pik3r2
Akt2
Ticam1
Tgfb1
Mapk3
Rela
Irak4
Tnfrsf1a
Gna11
Akt1
Myd88
Serpine1
Fos
Nfkb1
Il6
Chuk
Gnai3
Gnaq
Cflar
Pik3ca
Akt3
Ifngr2
Mapk8
Tgfbr1
Irak1
Ppp2cb
Traf6
Mapk1
Ppp2ca
Fas
Ppp2r2d
Smad2
Tlr2
Mapk14
Ppp2r2a
Map2k4
Tgfb2
C3
Tgfbr2
Gnas
Tgfb3
Gnao1
Pik3r1
Tlr4
Ifngr1
Mapk9
Ikbkg
Jun
Smad3
Ace
Mapk12
Ikbkb
hclust (*, "complete")

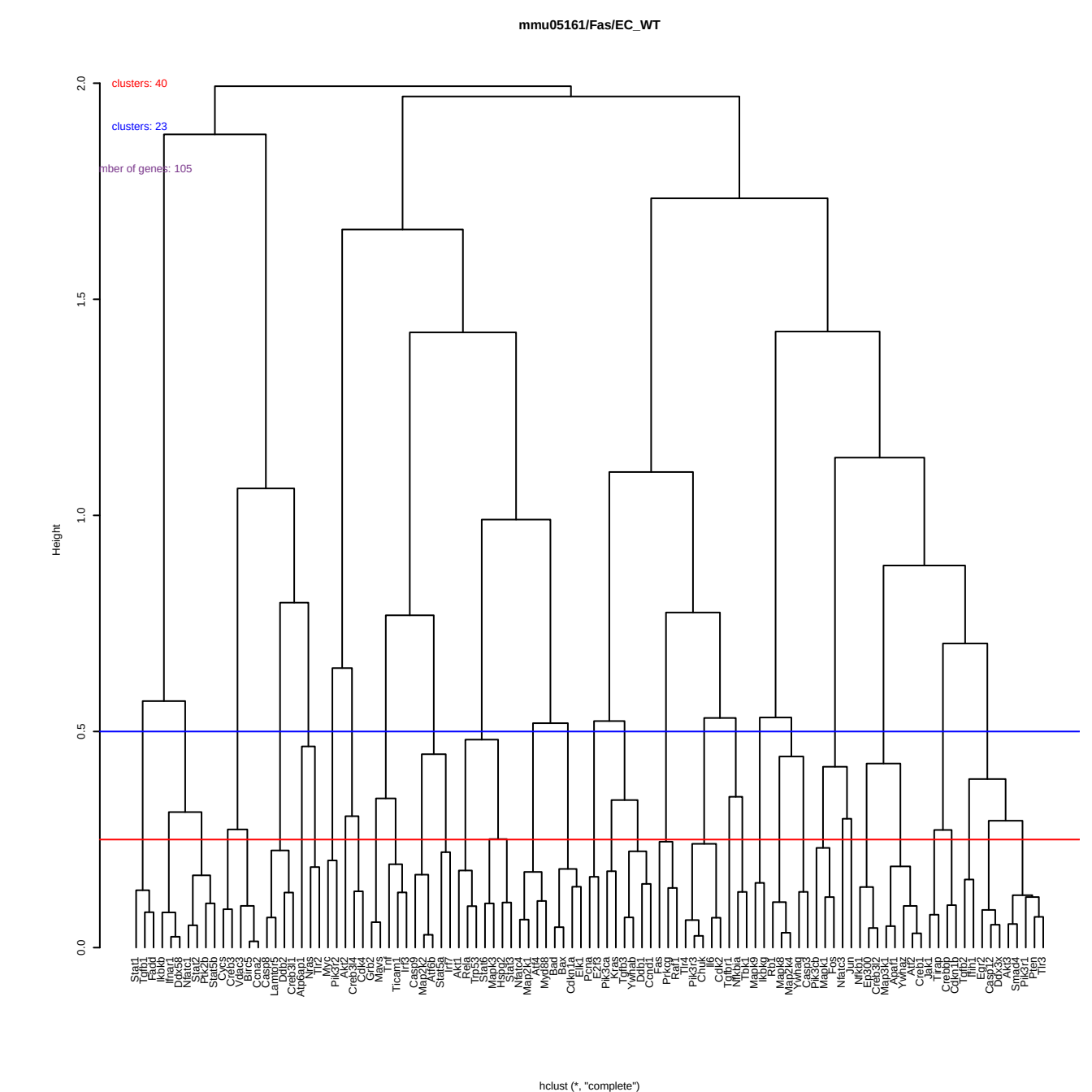

mmu05142/Fas/EC_KO
clusters: 25
clusters: 18
umber of genes: 58
Height
2.0
1.5
1.0
0.5
0.0
Ccl5
Ppp2r2a
Irak4
Nfkbia
Ccl2
Chuk
Fas
Gnai3
Ppp2r1b
Ppp2r2d
Ppp2r1a
Fadd
Traf6
Map2k4
Mapk1
Ppp2cb
Casp8
Ppp2ca
Calr
Serpine1
Nfkb1
Il6
Rela
Myd88
Tlr2
Plcb3
Gna11
Akt1
Mapk12
Akt2
Irak1
Gnai2
Tlr4
Ace
Pik3r2
Tnfrsf1a
Mapk3
Ifngr1
Smad2
Cflar
Tgfb3
Tgfbr2
Gnaq
Gnao1
Akt3
Tgfb1
Tgfb2
Ikbkb
C3
Smad3
Fos
Jun
Mapk14
Mapk9
Ikbkg
Ifngr2
Ticam1
Gnas
hclust (*, "complete")

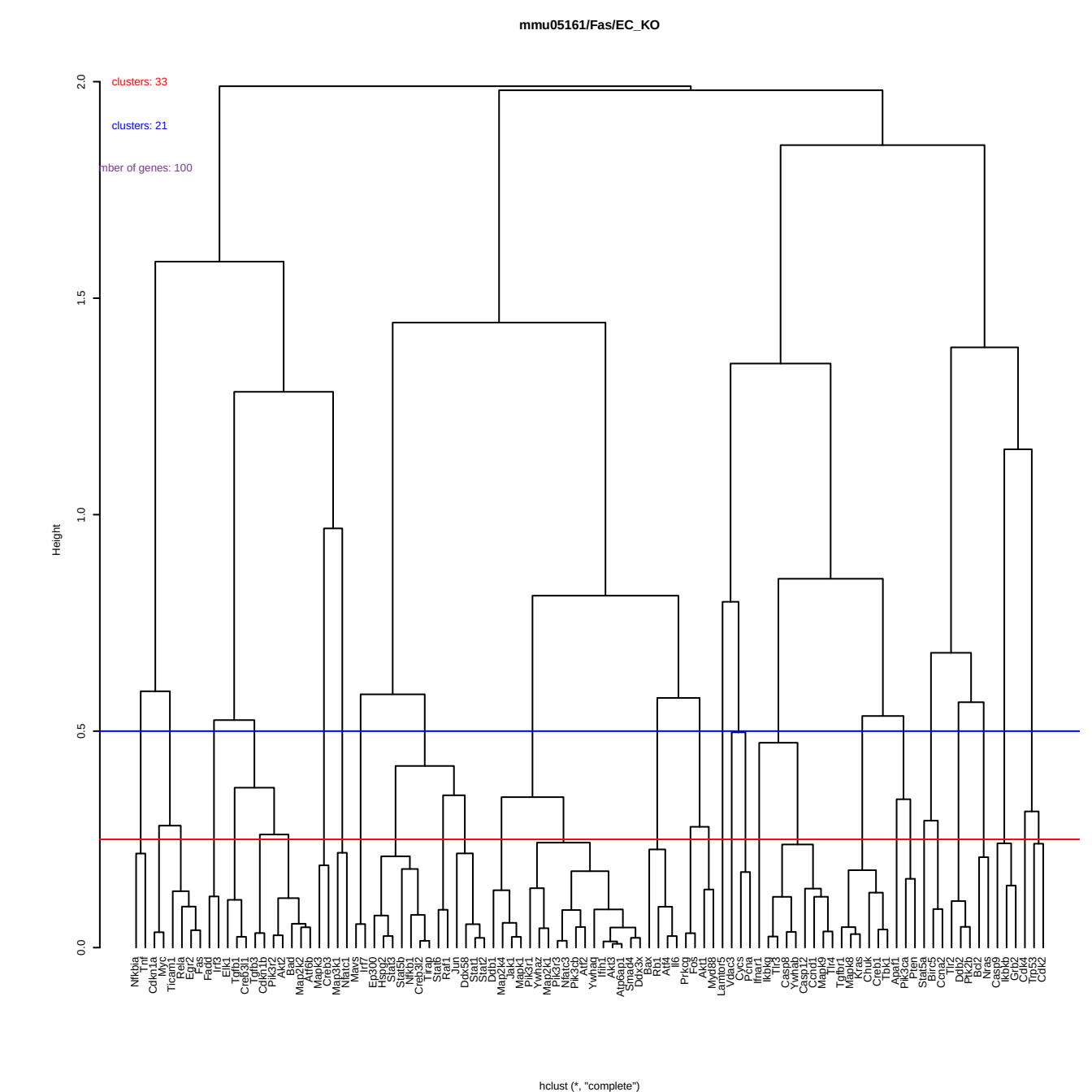

mmu05143/Fas/EC_WT
clusters: 11
clusters: 8
number of genes: 18
Height
2.0
1.5
1.0
0.5
0.0
Thop1
Tnf
Hbb−b2
Hba−a2
Hba−a2
Fas
Prkcg
Il6
Myd88
Icam1
Plcb3
F2rl1
Plcb1
Gnaq
Plcb4
Lama4
Vcam1
Sele
hclust (*, "complete")

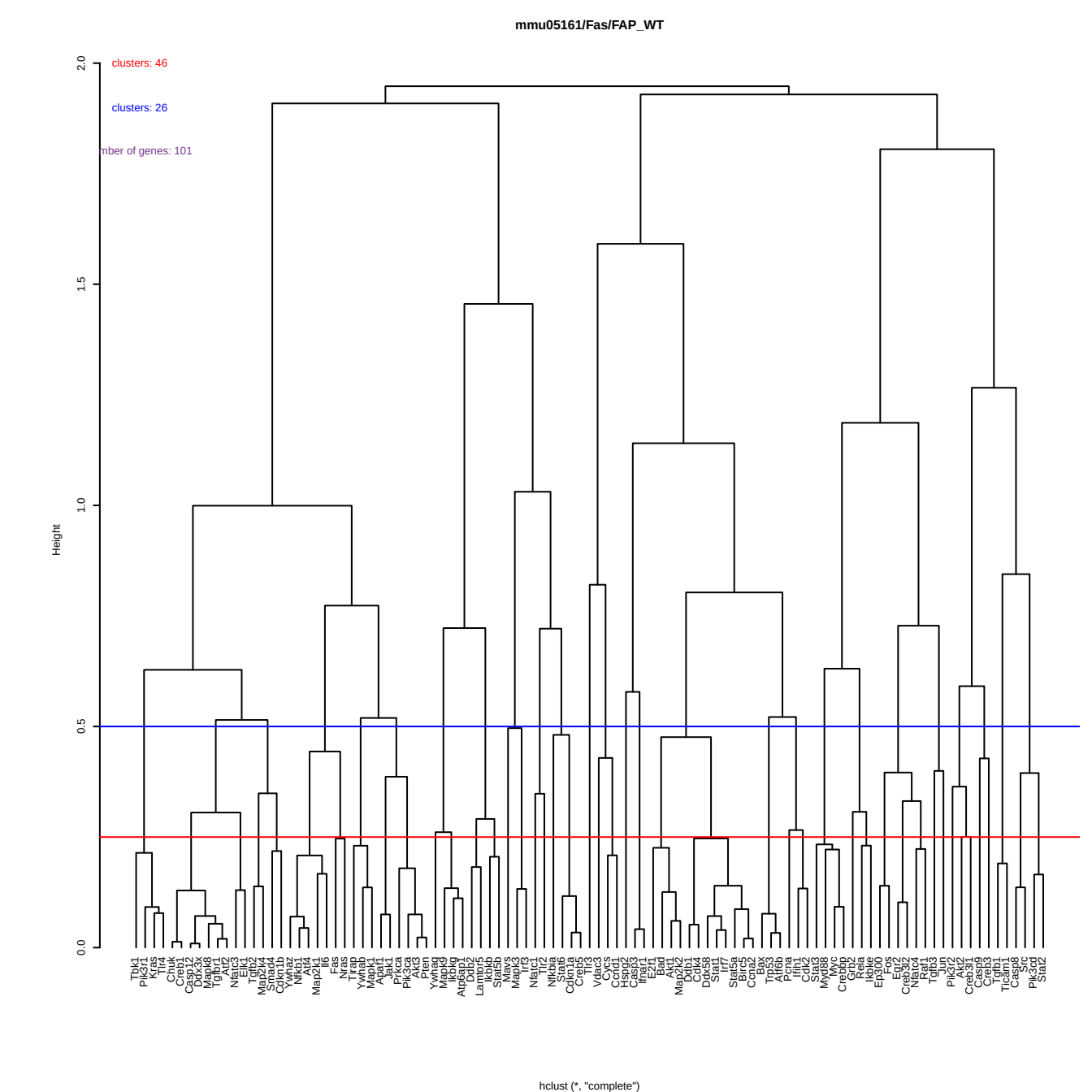

mmu05143/Fas/EC_KO
clusters: 7
number of genes: 18
Height
0.0
0.5
1.0
1.5
Hbb−b1
Plcb3
Sele
Lama4
Gnaq
Plcb1
Myd88
Prkcg
Il6
Vcam1
Icam1
Fas
Thop1
Hba−a2
Hba−a2
F2rl1
Tnf
Il1b
hclust (*, "complete")

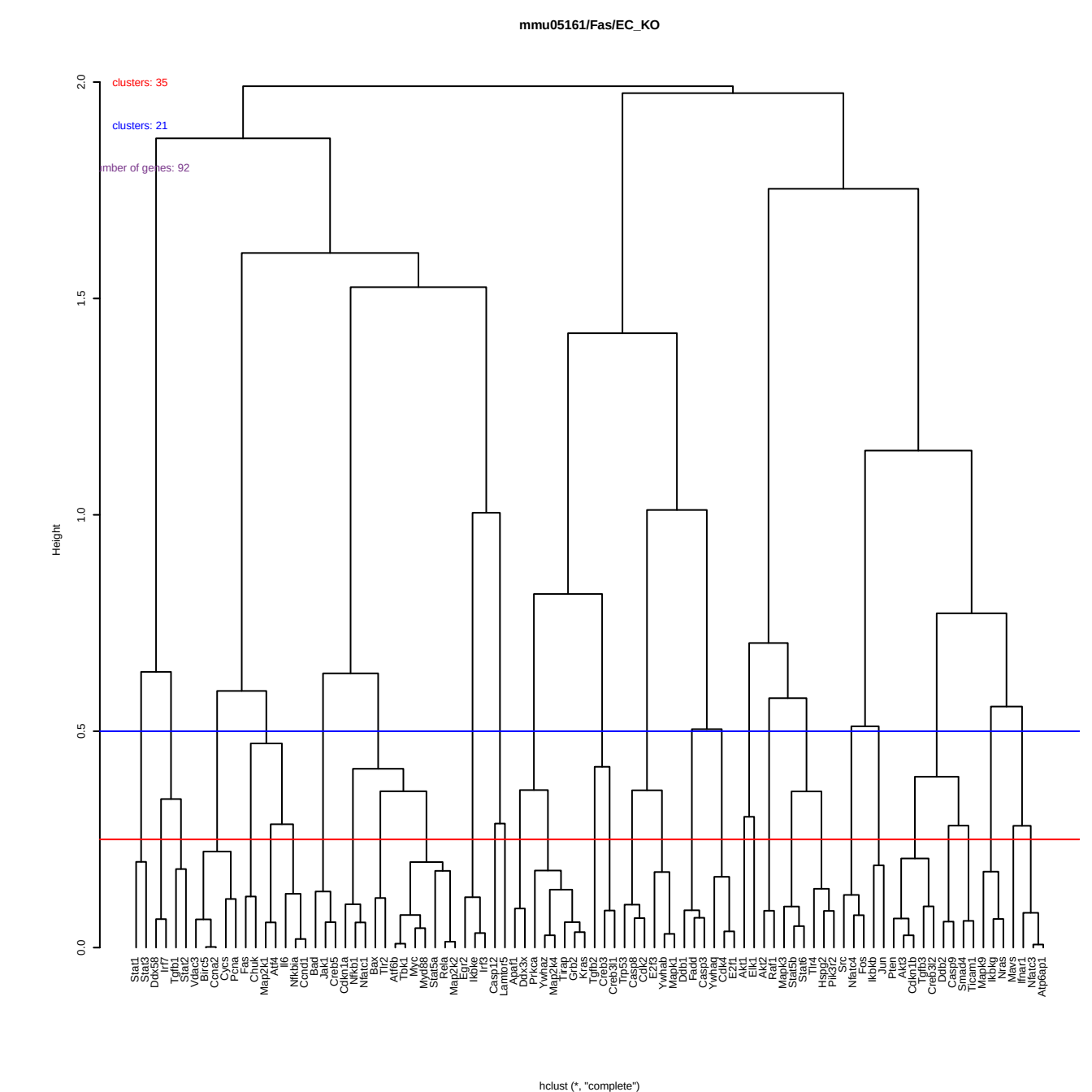

mmu05143/Fas/FAP_WT
clusters: 6
number of genes: 13
Height
0.0
0.5
1.0
1.5
Lama4
F2rl1
Gnaq
Prkca
Icam1
Myd88
Il6
Fas
Vcam1
Hbb−b2
Il18
Thop1
Plcb3
hclust (*, "complete")

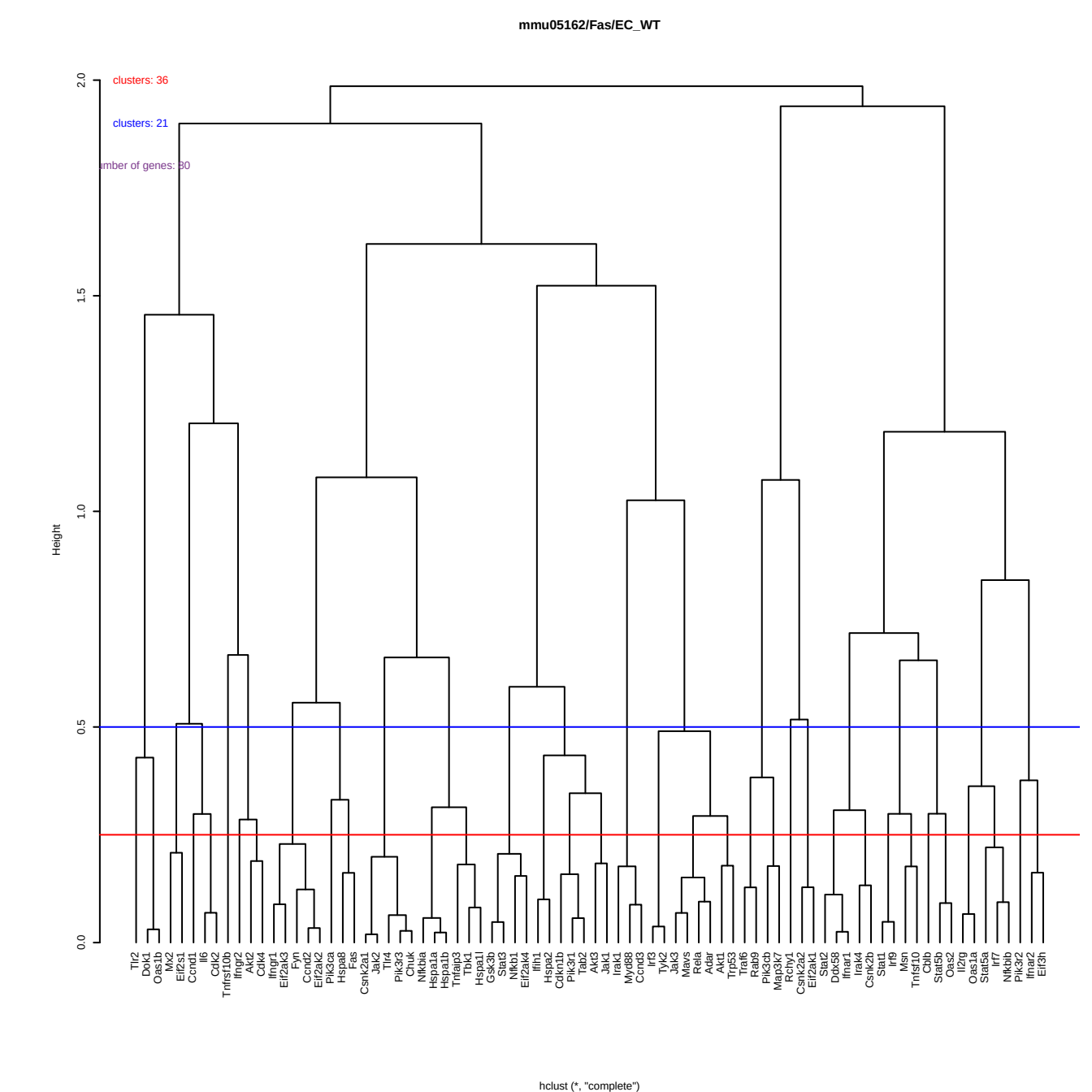

mmu05143/Fas/EC_KO
clusters: 5
clusters: 5
number of genes: 12
Height
2.0
1.5
1.0
0.5
0.0
Lama4
Gnaq
F2rl1
Prkca
Fas
Vcam1
Thop1
Il6
Icam1
Myd88
Il18
Plcb3
hclust (*, "complete")

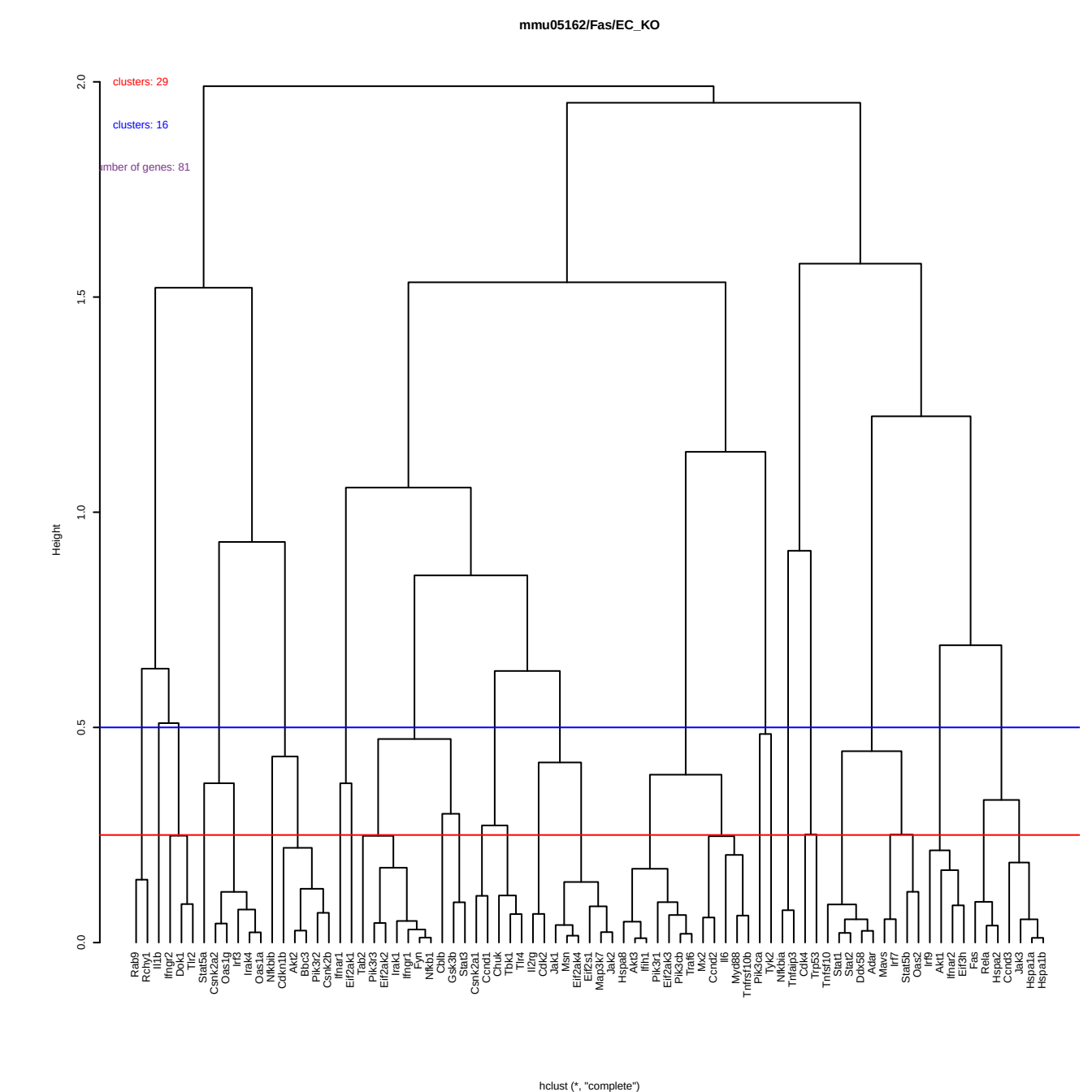

mmu05161/Fas/EC_WT
clusters: 40
clusters: 23
mber of genes: 105
Height
0.0
0.5
1.0
1.5
2.0
Stat1
Tgfb1
Fadd
Ikbkb
Ifnar1
Ddx58
Nfatc1
Stat2
Pik3b
Stat5b
Cycs
Creb3
Vdac3
Birc5
Ccna2
Casp8
Lamtor5
Ddb2
Creb3l1
Atp6ap1
Nfas
Tlr2
Myc
Pik3r2
Akt2
Creb3l4
Cdk4
Grb2
Mavs
Inf
Ticam1
Irf3
Casp9
Map2k2
Atf6b
Stat5a
Irf7
Akt1
Rela
Tp53
Stat6
Mapk3
Hspg2
Stat3
Nfatc4
Map2k1
Atf4
Myd88
Bad
Bax
Cdkn1a
Elk1
Pcna
E2f3
Pik3ca
Kras
Tgfb3
Ywhab
Ddb1
Ccnd1
Fas
Prkcg
Raf1
Tlr4
Pik3r3
Chuk
Il6
Cdk2
Tgfbr1
Nfkbia
Tbk1
Mapk9
Ikbkg
Rb1
Mapk8
Map2k4
Ywhag
Casp3
Pik3cb
Mapk1
Fos
Nfatc3
Jun
Nfkb1
Ep300
Creb3l2
Map3k1
Apaf1
Ywhaz
Atf2
Creb1
Jak1
Tirap
Crebbp
Cdkn1b
Tgfb2
Ifih1
Egr2
Casp12
Ddx3x
Akt3
Smad4
Pik3r1
Pten
Tlr3
hclust (*, "complete")

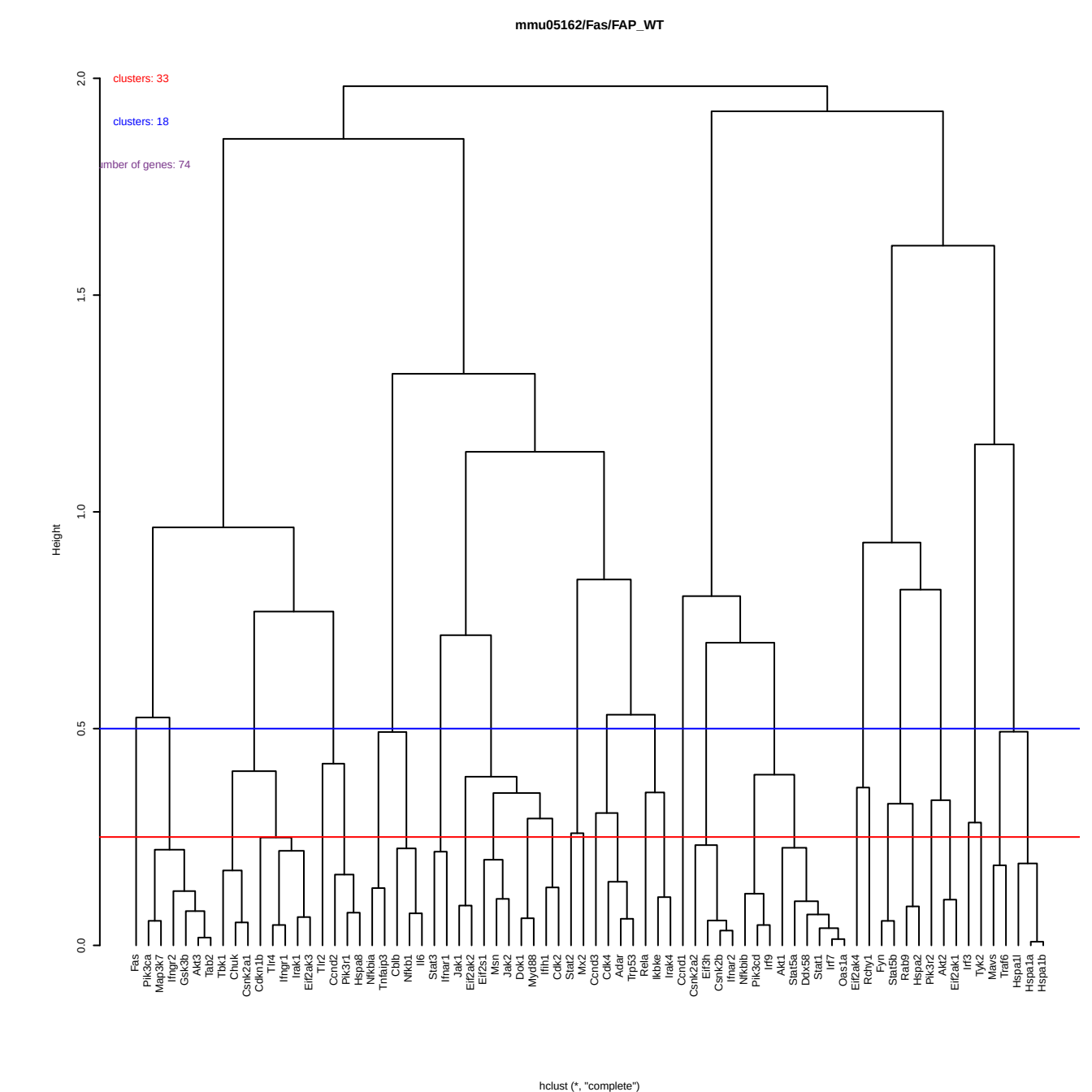

mmu05161/Fas/EC_KO
clusters: 33
clusters: 21
mber of genes: 100
Height
0.0
0.5
1.0
1.5
2.0
Nfkbia
Tnf
Cdkn1a
Myc
Ticam1
Rela
Egr2
Fas
Fadd
Irf3
Elk1
Tgfb1
Creb3l1
Tgfb3
Cdkn1b
Pik3r2
Akt2
Bad
Map2k2
Atf6b
Mapk3
Creb3
Map3k1
Nfatc1
Mavs
Irf7
Ep300
Hspg2
Stat3
Stat5b
Nfkb1
Creb3l2
Tirap
Stat6
Raf1
Jun
Ddx58
Stat1
Stat2
Ddb1
Map2k4
Jak1
Mapk1
Pik3r1
Ywhaz
Map2k1
Pik3r3
Nfatc3
Pik3cb
Atf2
Ywhaq
Ifih1
Akt3
Atp6ap1
Smad4
Ddx3x
Bax
Rb1
Atf4
Il6
Prkcg
Fos
Akt1
Myd88
Lamtor5
Vdac3
Cycs
Pcna
Ifnar1
Ikbkg
Tlr3
Casp8
Ywhab
Casp12
Ccnd1
Mapk9
Tlr4
Tgfbr1
Mapk8
Kras
Chuk
Creb1
Tbk1
Apaf1
Pik3ca
Pten
Stat5a
Birc5
Ccna2
Tlr2
Ddb2
Ptk2b
Bcl2
Nras
Casp9
Ikbkb
Grb2
Cdk4
Trp53
Cdk2
hclust (*, "complete")

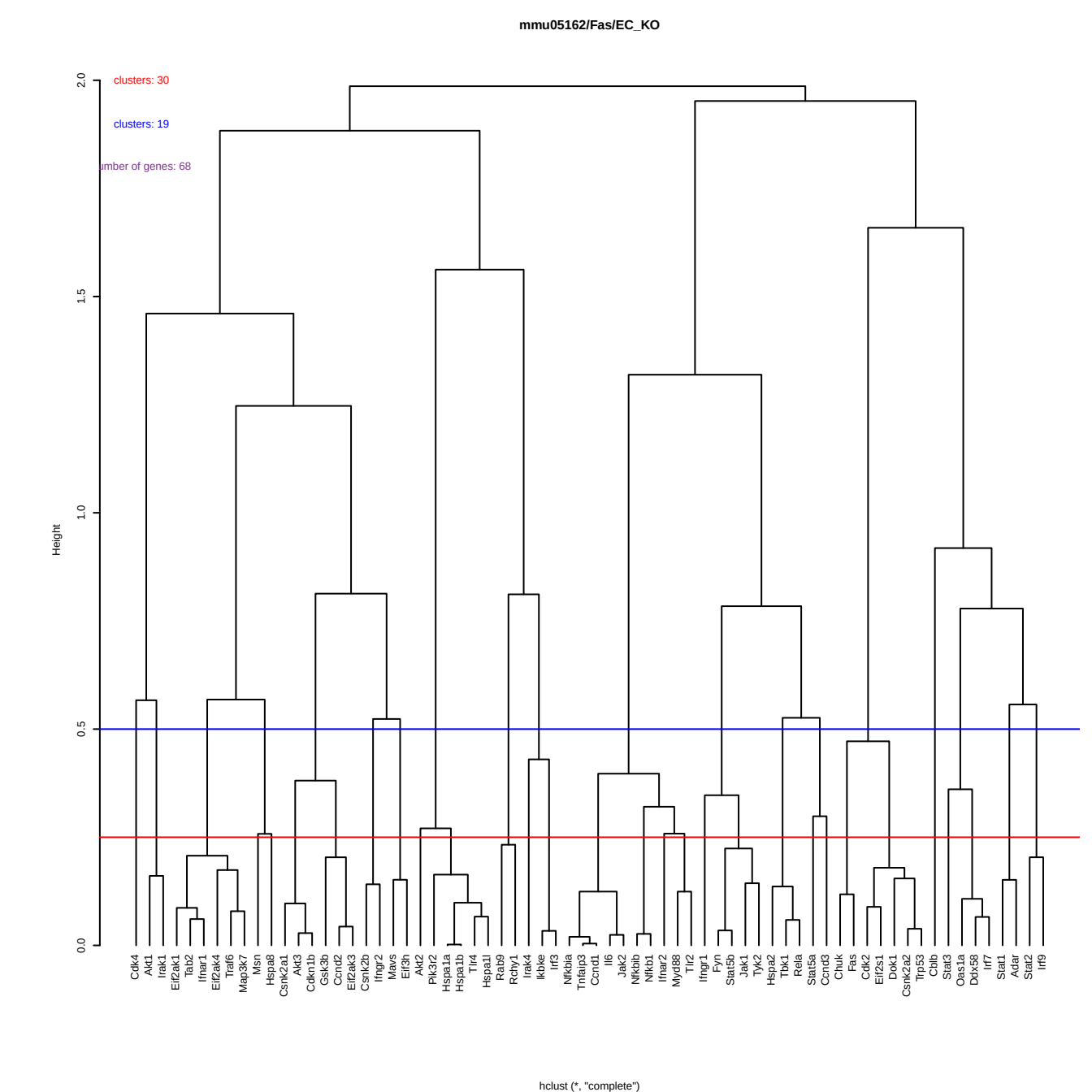

mmu05161/Fas/FAP_WT
clusters: 46
clusters: 26
mber of genes: 101
Height
0.0
0.5
1.0
1.5
2.0
Tbk1
Pik3r1
Kras
Tlr4
Chuk
Creb1
Casp12
Ddx3x
Mapk8
Tgfbr1
Atf2
Nfatc3
Elk1
Tgfb2
Map2k4
Smad4
Cdkn1b
Ywhaz
Nfkb1
Atf4
Map2k1
Il6
Fas
Nras
Tlrap
Ywhab
Mapk1
Apaf1
Jak1
Prkca
Pik3ca
Akt3
Pten
Ywhag
Mapk9
Ikbkg
Atp6ap1
Ddb2
Lamtor5
Ikbkb
Stat5b
Mavs
Mapk3
Irf3
Nfatc1
Tlr2
Nfkbia
Stat6
Cdkn1a
Creb5
Tlr3
Vdac3
Cycs
Ccnd1
Hspg2
Casp3
Ifnar1
E2f1
Bad
Akt1
Map2k2
Ddb1
Cdk4
Ddx58
Stat1
Irf7
Stat5a
Birc5
Ccna2
Bax
Tnp53
Atf6b
Pcna
Ifih1
Cdk2
Stat3
Myd88
Myc
Crebbp
Grb2
Rela
Ikbke
Ep300
Fos
Egr2
Creb3l2
Nfatc4
Raf1
Tgfb3
Jun
Pik3r2
Akt2
Creb3l1
Casp9
Creb3
Tgfb1
Ticam1
Casp8
Src
Pik3cd
Stat2
hclust (*, "complete")

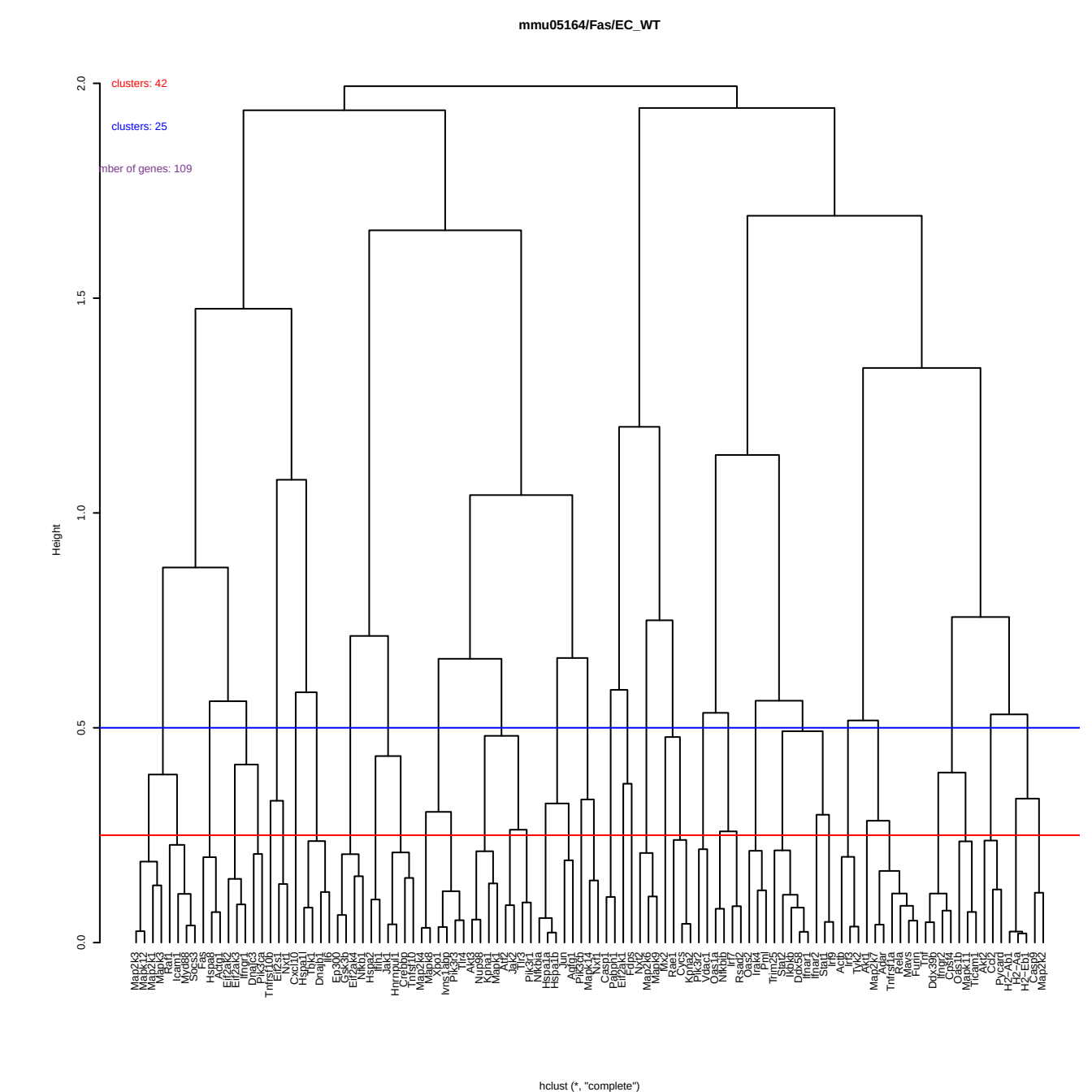

mmu05161/Fas/EC_KO
clusters: 35
clusters: 21
mber of genes: 92
Height
2.0
1.5
1.0
0.5
0.0
Stat1
Stat3
Ddx58
Irf7
Tgfb1
Stat2
Vdac3
Bax
Cdkn2a
Cycs
Pcna
Fas
Chuk
Map2k1
Atf4
Ifit
Nfkbia
Ccnd1
Bad
Jak1
Creb5
Cdkn1a
Nfkb1
Nfatc1
Bcl2l1
Tlr2
Atf6b
Tbk1
Myc
Myd88
Stat5a
Rela
Map2k7
Egfr
Ikbke
Irf3
Casp12
Lamtor5
Apaf1
Ddx3x
Prkca
Ywhaz
Map2k4
Tirap
Grb2
Kras
Tgfb2
Cflar
Cebpb
Trp53
Casp8
Cdk2
E2f3
Ywhab
Mapk1
Pdpk1
Fadd
Casp3
Ywhaq
Cdk4
E2f1
Akt1
Elk1
Akt2
Rac1
Mapk3
Stat5b
Stat6
Tlr4
Hspg2
Pik3r2
Src
Nfkbid
Fos
Ikbkb
Jun
Pten
Akt3
Cdkn1b
Tgfb3
Cebpd
Ddb2
Casp9
Smad4
Ticam1
Mapk9
Ikbkg
Nras
Mef2c
Ifnar1
Nfatc3
Atp6ap1
hclust (*, "complete")

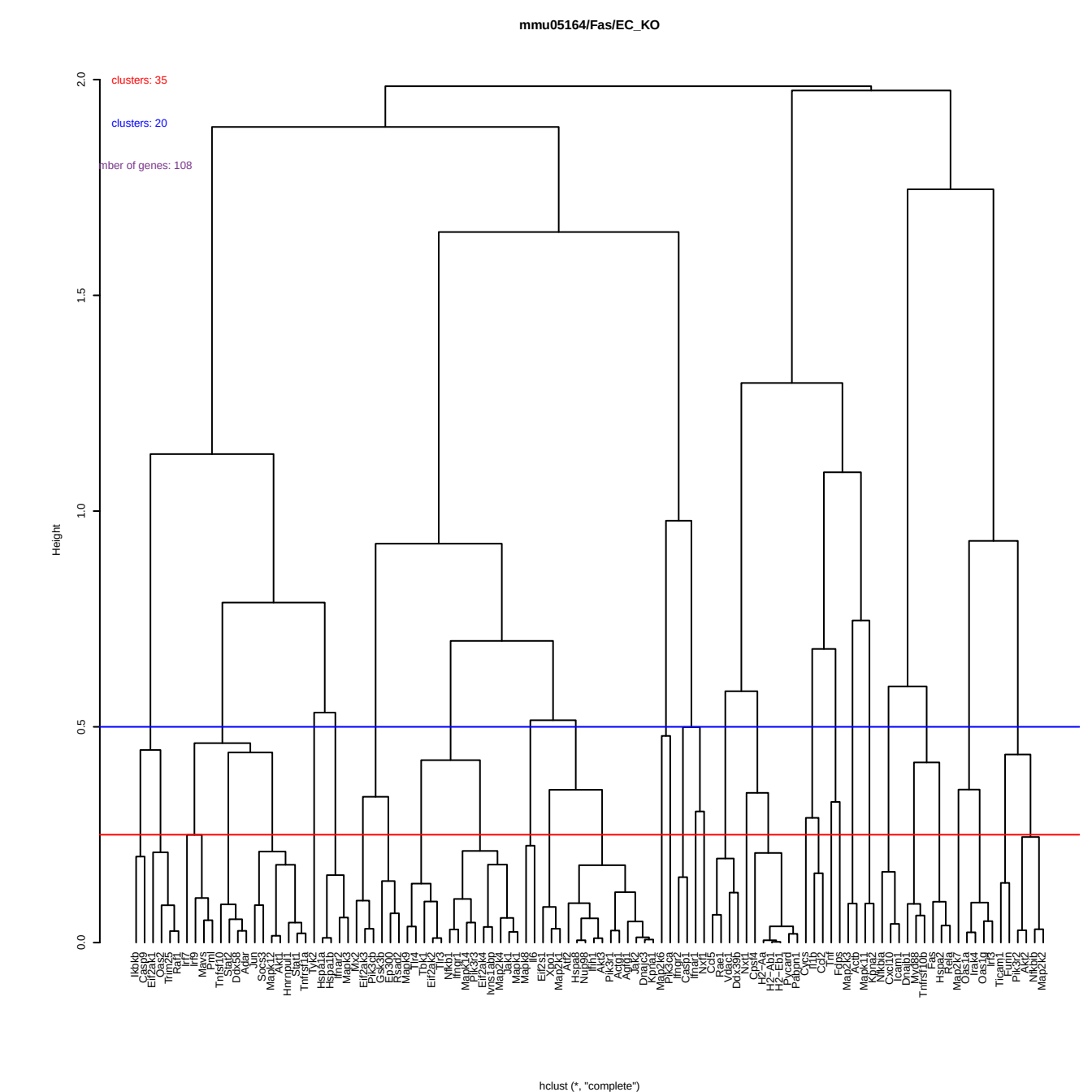

mmu05162/Fas/EC_WT
clusters: 36
clusters: 21
Number of genes: 80
Height
2.0
1.5
1.0
0.5
0.0
Tlr2
Dok1
Oas1b
Mx2
Eif2s1
Ccnd1
Il6
Cdk2
Tnfrsf10b
Ifngr2
Akt2
Cdk4
Ifngr1
Eif2ak3
Fyn
Ccnd2
Eif2ak2
Pik3ca
Hspa8
Fas
Csnk2a1
Jak2
Tlr4
Pik3r3
Chuk
Nfkbia
Hspa1a
Hspa1b
Tnfaip3
Tbk1
Hspa1l
Gsk3b
Stat3
Nfkb1
Eif2ak4
Ifih1
Hspa2
Cdkn1b
Pik3r1
Tab2
Akt3
Jak1
Irak1
Myd88
Ccnd3
Irf3
Tyk2
Jak3
Mavs
Rela
Adar
Akt1
Trp53
Traf6
Rab9
Pik3cb
Map3k7
Rchy1
Csnk2a2
Eif2ak1
Stat2
Ddx58
Ifnar1
Irak4
Csnk2b
Stat1
Irf9
Msn
Tnfsf10
Cblb
Stat5b
Oas2
Il2rg
Oas1a
Stat5a
Irf7
Nfkbib
Pik3r2
Ifnar2
Eif3h
hclust (*, "complete")

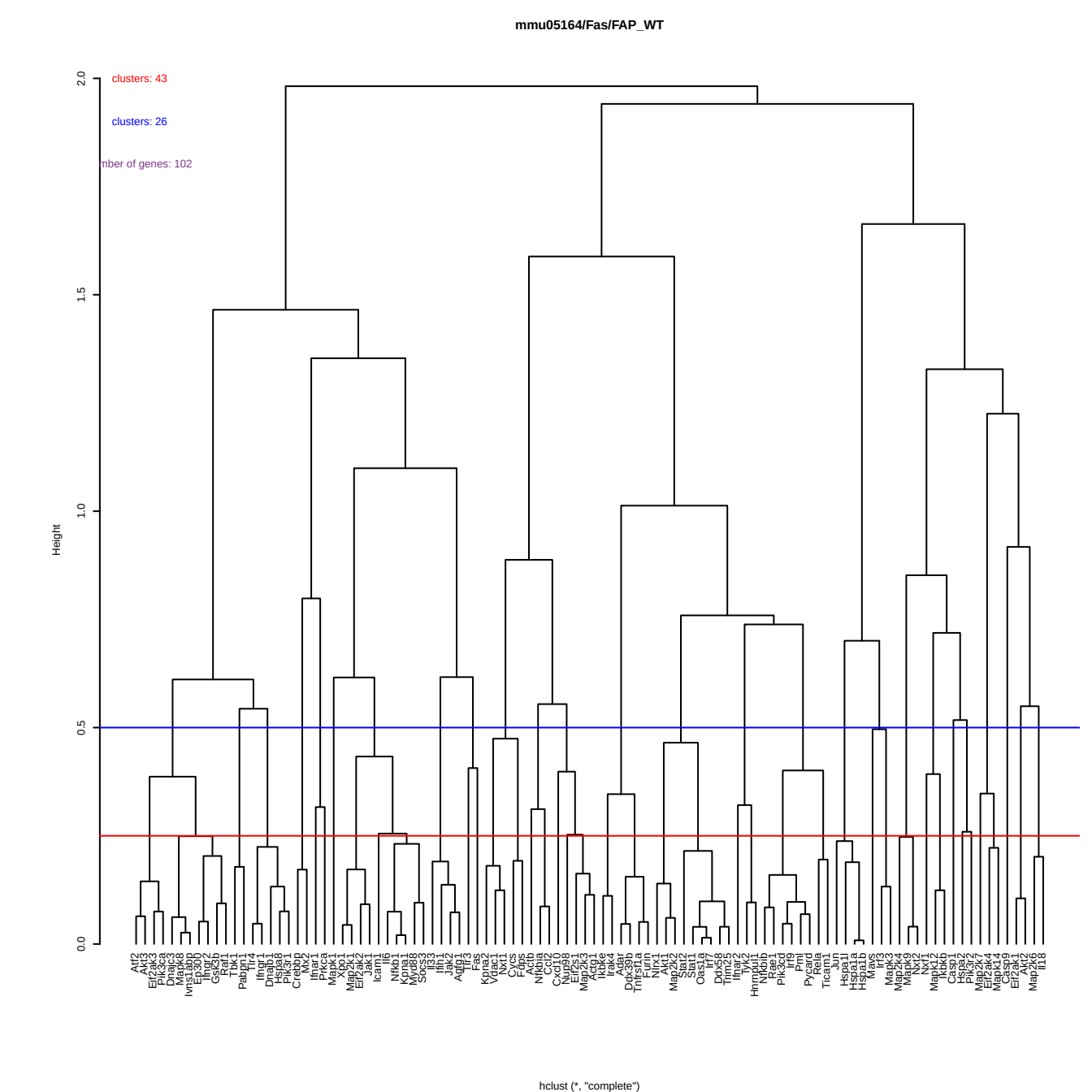

mmu05162/Fas/EC_KO
clusters: 29
clusters: 16
mber of genes: 81
Height
2.0
1.5
1.0
0.5
0.0
Rab9
Rchy1
Il1b
Ifngr2
Dok1
Tlr2
Stat5a
Csnk2a2
Oas1g
Irf8
Irak4
Oas1a
Nfkbib
Cdkn1b
Akt2
Bbc3
Pik3r2
Csnk2b
Ifnar1
Eif2ak1
Tab2
Pik3r3
Eif2ak2
Irak1
Ifngr1
Fyn
Nfkb1
Cblb
Gsk3b
Stat3
Csnk2a1
Ccnd1
Chuk
Tbk1
Tlr4
Il2rg
Cdk2
Jak1
Msn
Eif2ak4
Eif2s1
Map3k7
Jak2
Hspa8
Akt3
Ifih1
Pik3r1
Eif2ak3
Pik3cb
Traf6
Mx2
Ccnd2
Il6
Myd88
Tnfrsf10b
Pik3ca
Tyk2
Nfkbia
Tnfaip3
Cdk4
Trp53
Tnfsf10
Stat1
Stat2
Ddx58
Adar
Mavs
Irf7
Stat5b
Oas2
Irf9
Akt1
Ifnar2
Eif3h
Fas
Rela
Hspa2
Ccnd3
Jak3
Hspa1a
Hspa1b
hclust (*, "complete")

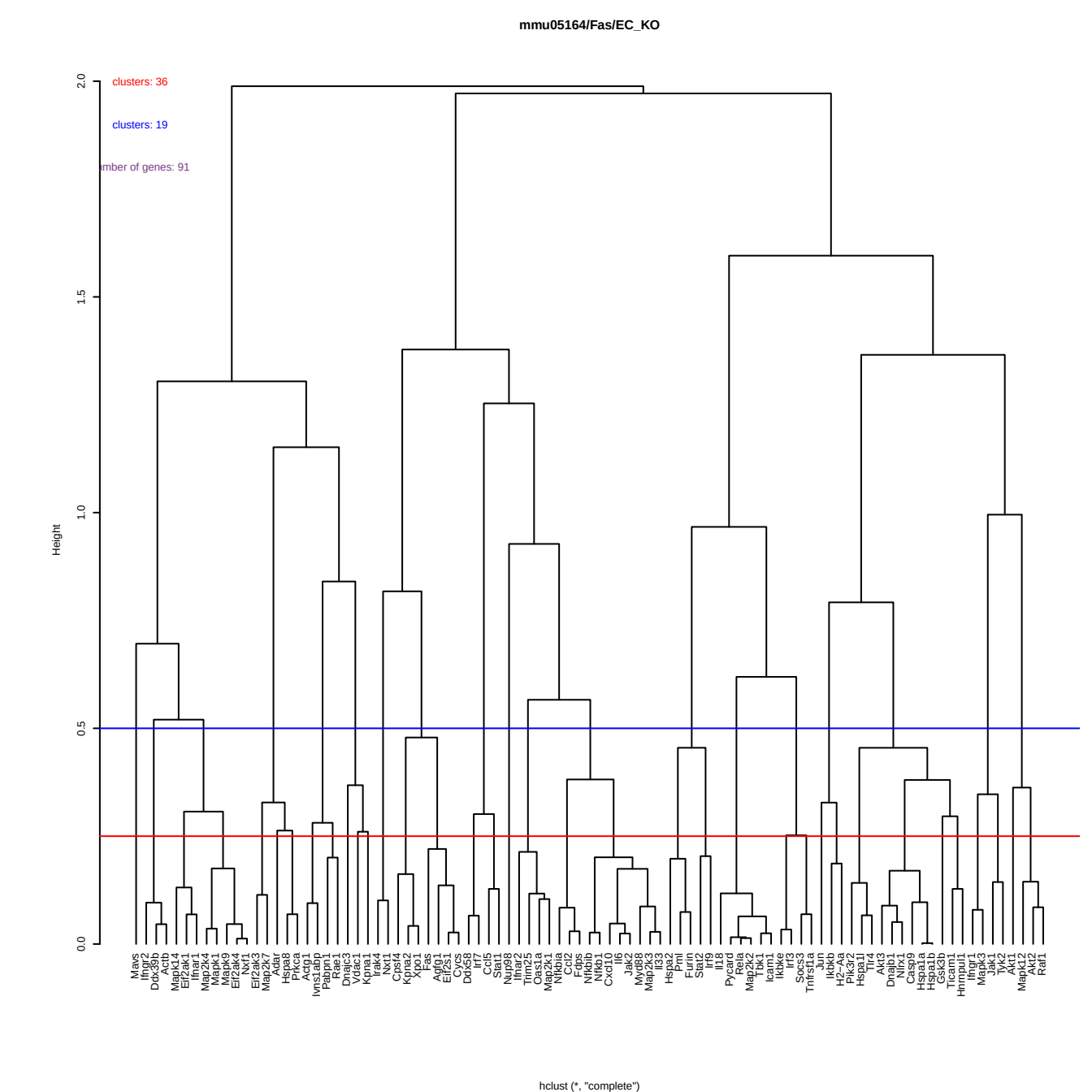

mmu05162/Fas/FAP_WT
clusters: 33
clusters: 18
umber of genes: 74
Height
2.0
1.5
1.0
0.5
0.0
Fas
Pik3ca
Map3k7
Ifngr2
Gsk3b
Akt3
Tab2
Tbk1
Chuk
Csnk2a1
Cdkn1b
Tlr4
Ifngr1
Irak1
Eif2ak3
Tlr2
Ccnd2
Pik3r1
Hspa8
Nfkbia
Tnfaip3
Cblb
Nfkb1
Il6
Stat3
Ifnar1
Jak1
Eif2ak2
Eif2s1
Msn
Jak2
Dok1
Myd88
Ifih1
Cdk2
Stat2
Mx2
Ccnd3
Cdk4
Adar
Trp53
Rela
Ikbke
Irak4
Ccnd1
Csnk2a2
Eif3h
Csnk2b
Ifnar2
Nfkbib
Pik3cd
Irf9
Akt1
Stat5a
Ddx58
Stat1
Irf7
Oas1a
Eif2ak4
Rchy1
Fyn
Stat5b
Rab9
Hspa2
Pik3r2
Akt2
Eif2ak1
Irf3
Tyk2
Mavs
Traf6
Hspa1l
Hspa1a
Hspa1b
hclust (*, "complete")

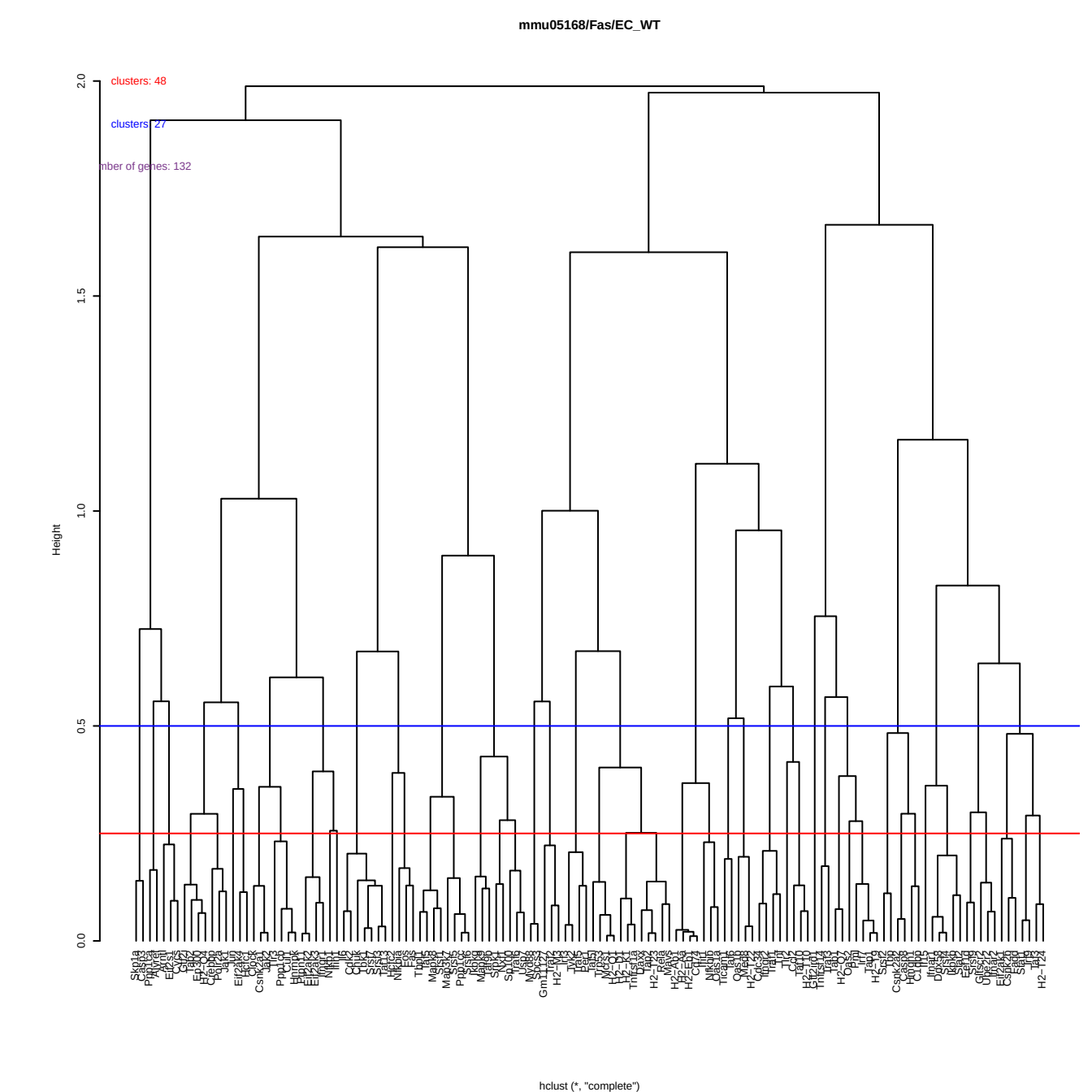

mmu05162/Fas/EC_KO
clusters: 30
clusters: 19
umber of genes: 68
Height
2.0
1.5
1.0
0.5
0.0
Cdk4
Akt1
Irak1
Eif2ak1
Tab2
Ifnar1
Eif2ak4
Traf6
Map3k7
Msn
Hspa8
Csnk2a1
Akt3
Cdkn1b
Gsk3b
Ccnd2
Eif2ak3
Csnk2b
Ifngr2
Mavs
Eif3h
Akt2
Pik3r2
Hspa1a
Hspa1b
Tlr4
Hspa1l
Rab9
Rchy1
Irak4
Ikbke
Irf3
Nfkbia
Tnfaip3
Ccnd1
Il6
Jak2
Nfkbib
Nfkb1
Ifnar2
Myd88
Tlr2
Ifngr1
Fyn
Stat5b
Jak1
Tyk2
Hspa2
Tbk1
Rela
Stat5a
Ccnd3
Chuk
Fas
Cdk2
Eif2s1
Dok1
Csnk2a2
Trp53
Cblb
Stat3
Oas1a
Ddx58
Irf7
Stat1
Adar
Stat2
Irf9
hclust (*, "complete")

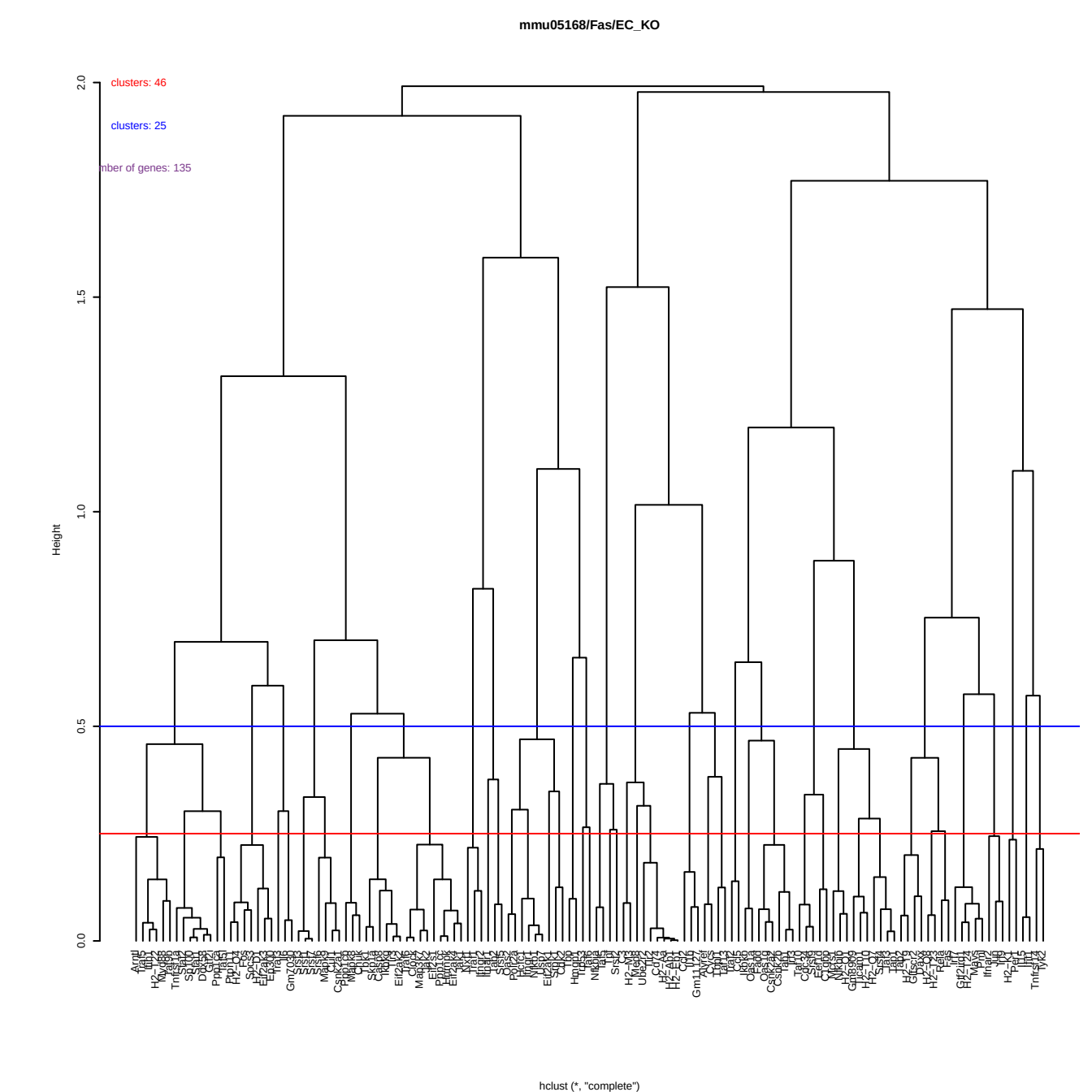

mmu05164/Fas/EC_WT
clusters: 42
clusters: 25
mber of genes: 109
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

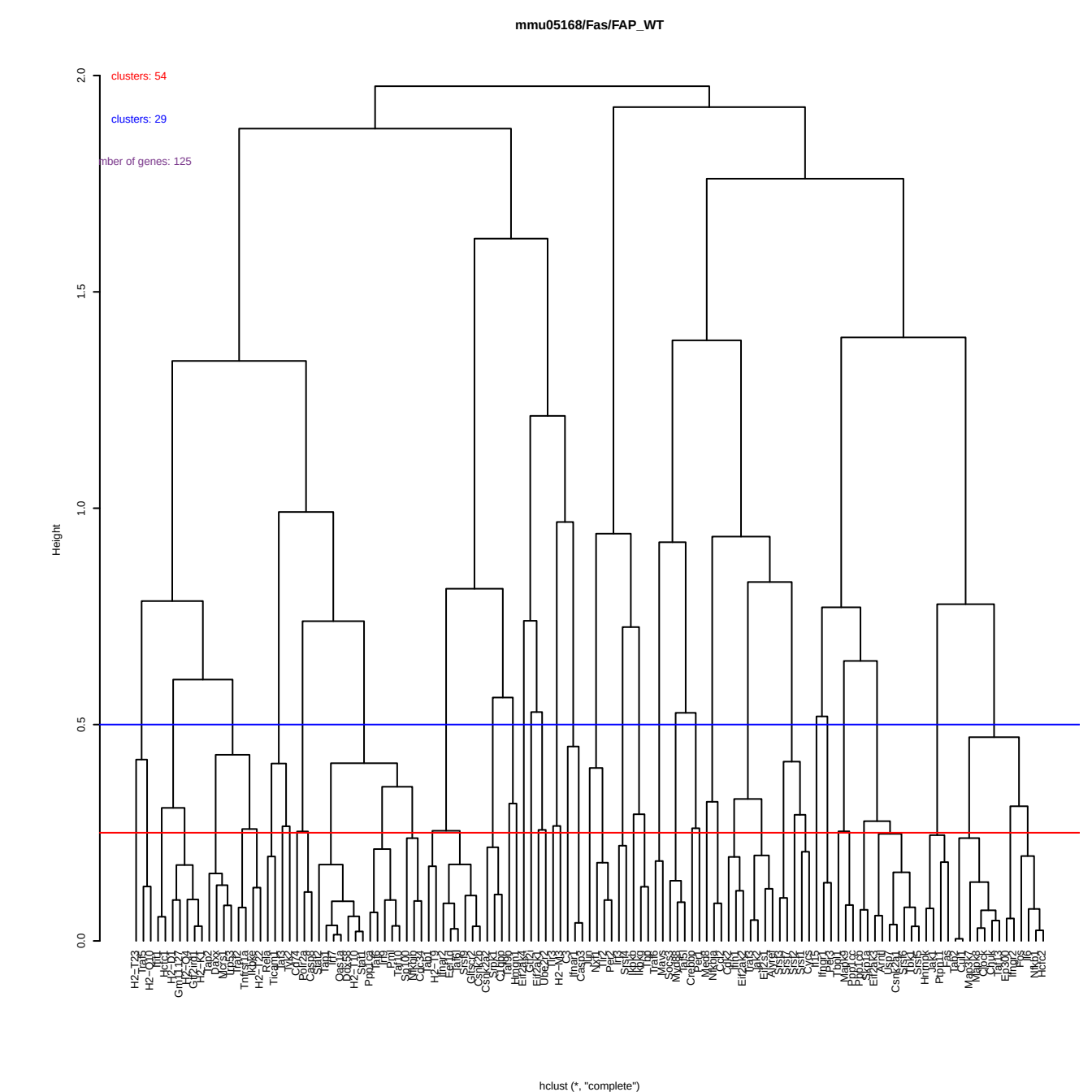

mmu05164/Fas/EC_KO
clusters: 35
clusters: 20
mber of genes: 108
Height
0.0
0.5
1.0
1.5
2.0
Ikbkb
Casp9
Eif2ak1
Oas2
Trim25
Raf1
Irf7
Irf9
Mavs
Pmi
Tnfsf10
Stat2
Ddx58
Adar
Jun
Socs3
Mapk12
Akt1
Hnrnpul1
Stat1
Tnfrsf1a
Tyk2
Hspa1a
Hspa1b
Ifnar2
Mapk3
Mx2
Eif2ak3
Pik3cb
Gsk3b
Ep300
Rsad2
Mapk9
Tir4
Tbk1
Eif2ak2
Tlr3
Nfkb1
Ifngr1
Mapk14
Pik3r3
Eif2ak4
Ivns1abp
Map2k4
Jak1
Mapk1
Mapk8
Ifi6
Eif2s1
Xpo1
Map2k1
Atf2
Hspa8
Nup98
Ifin1
Akt3
Pik3r1
Actg1
Agfg1
Jak2
Dnajc3
Kpna1
Map2k6
Pik3ca
Ifngr2
Casp1
Ifnar1
Nxf1
Ccl5
Rae1
Vdac1
Ddx39b
Nxt1
Cps4
H2-Aa
H2-Ab1
H2-Eb1
Pycard
Pabpn1
Cvcs
Il1b
Ccl2
Tnf
Fdps
Map2k3
Actb
Mapk11
Kpna2
Nfkbia
Cxcl10
Icam1
Dnajb1
Myd88
Tnfrsf10b
Fas
Hspa2
Rela
Map2k7
Oas1a
Irak4
Oas1g
Irf3
Ticam1
Furin
Pik3r2
Akt2
Nfkbib
Map2k2
hclust (*, "complete")

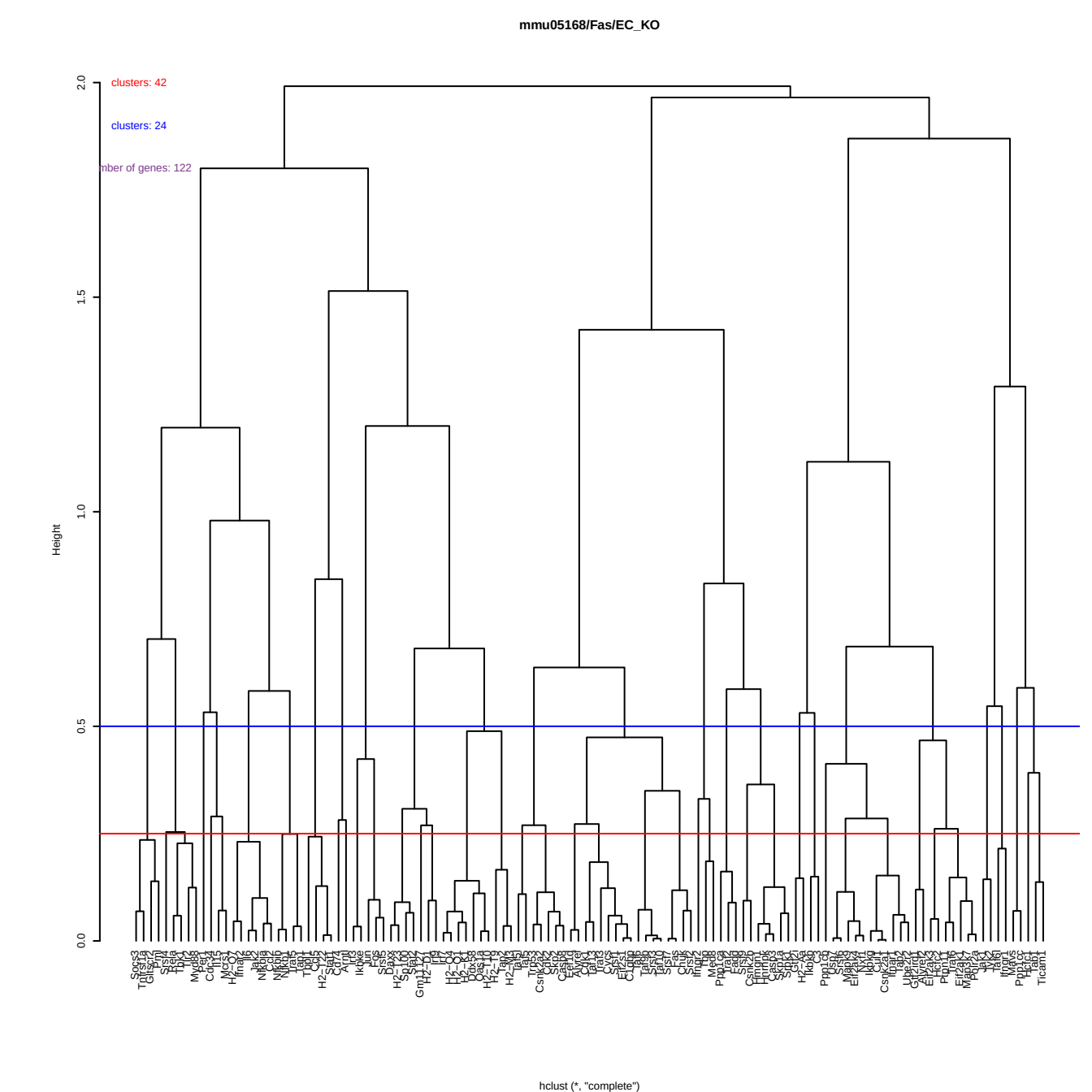

mmu05164/Fas/FAP_WT
clusters: 43
clusters: 26
mber of genes: 102
Height
0.0
0.5
1.0
1.5
2.0
Atf2
Akt3
Eif2ak3
Pik3ca
Dnajc3
Mapk8
Ivns1abp
Ep300
Ifngr2
Gsk3b
Raf1
Tbk1
Pabpn1
Tlr4
Ifngr1
Dnajb1
Hspa8
Pik3r1
Crebbp
Mx2
Ifnar1
Prkca
Mapk1
Xpo1
Map2k1
Eif2ak2
Jak1
Icam1
Il6
Nfkb1
Kpna1
Myd88
Socs3
Il33
Ifih1
Jak2
Adfg1
Tlf3
Fas
Kpna2
Vdac1
Nxt1
Cycs
Fdps
Actb
Nfkbia
Ccl2
Cxcl10
Nup98
Eif2s1
Map2k3
Actg1
Ikbke
Irak4
Adar
Ddx39b
Tnfrsf1a
Furin
Nlrx1
Akt1
Map2k2
Stat2
Stat1
Oas1a
Irf7
Ddx58
Trim25
Ifnar2
Tyk2
Hnmpul1
Nfkbib
Rae1
Pik3cd
Irf9
Pml
Pycard
Rela
Ticam1
Jun
Hspa1l
Hspa1a
Hspa1b
Mavs
Irf3
Mapk3
Map2k4
Mapk9
Nxt2
Nxf1
Mapk12
Ikbkb
Casp1
Hspa2
Pik3r2
Map2k7
Eif2ak4
Mapk14
Casp9
Eif2ak1
Akt2
Map2k6
Il18
hclust (*, "complete")

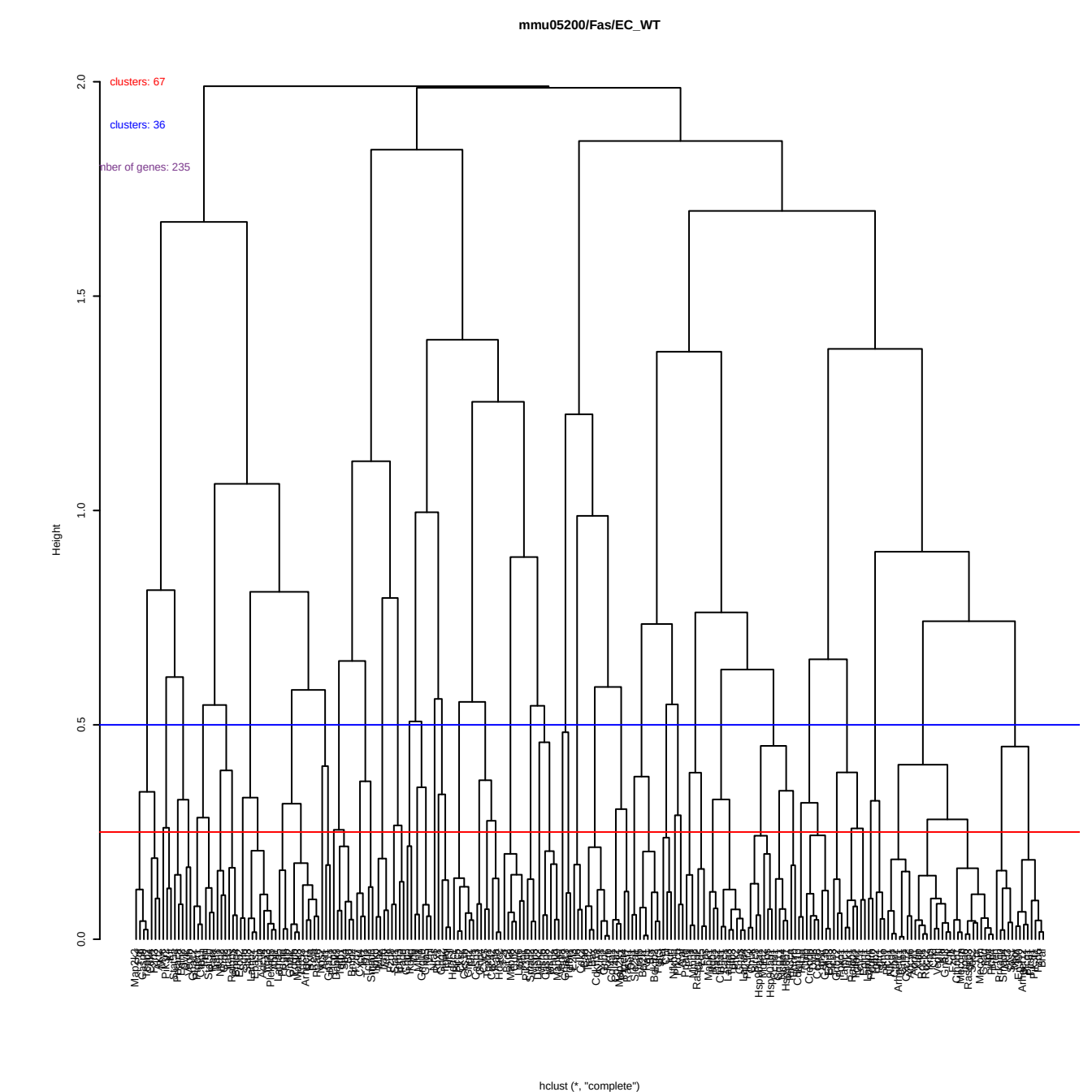

mmu05164/Fas/EC_KO
clusters: 36
clusters: 19
mber of genes: 91
Height
2.0
1.5
1.0
0.5
0.0
Mavs
Ifngr2
Ddx39b
Actb
Mapk14
Eif2ak1
Ifnar1
Map2k4
Mapk1
Mapk3
Eif2ak4
Nxf1
Eif2ak3
Map2k7
Adar
Hspa8
Ptpca
Actg1
Ivns1abp
Pabpn1
Rae1
Dnajc3
Vdac1
Kpna1
Irak4
Nxf1
Cfl1
Kpna2
Xpo1
Fas
Agtpg1
Eif2s1
Cycs
Ddx58
Irf7
Cfl1
Stat1
Nup98
Ifnar2
Trim25
Oas1a
Map2k1
Nfkbia
Ccl2
Fgs
Nfkbib
Nfkb1
Cxcl10
Il6
Jak2
Myd88
Map2k3
Irf3
Hspa2
Pml
Furin
Stat2
Irf9
Il18
Pycard
Rela
Map2k2
Tbk1
Icam1
Ikbke
Irf3
Socs3
Tnfrsf1a
Jun
Ikbkb
H2-Ab1
Pik3r2
Hspa1l
Tlr4
Akt3
Dnajb1
Nlrx1
Casp9
Hspa1a
Hspa1b
Gsk3b
Ticam1
Hnrnpul1
Ifngr1
Mapk3
Jak1
Tyk2
Akt1
Mapk12
Akt2
Raf1
hclust (*, "complete")

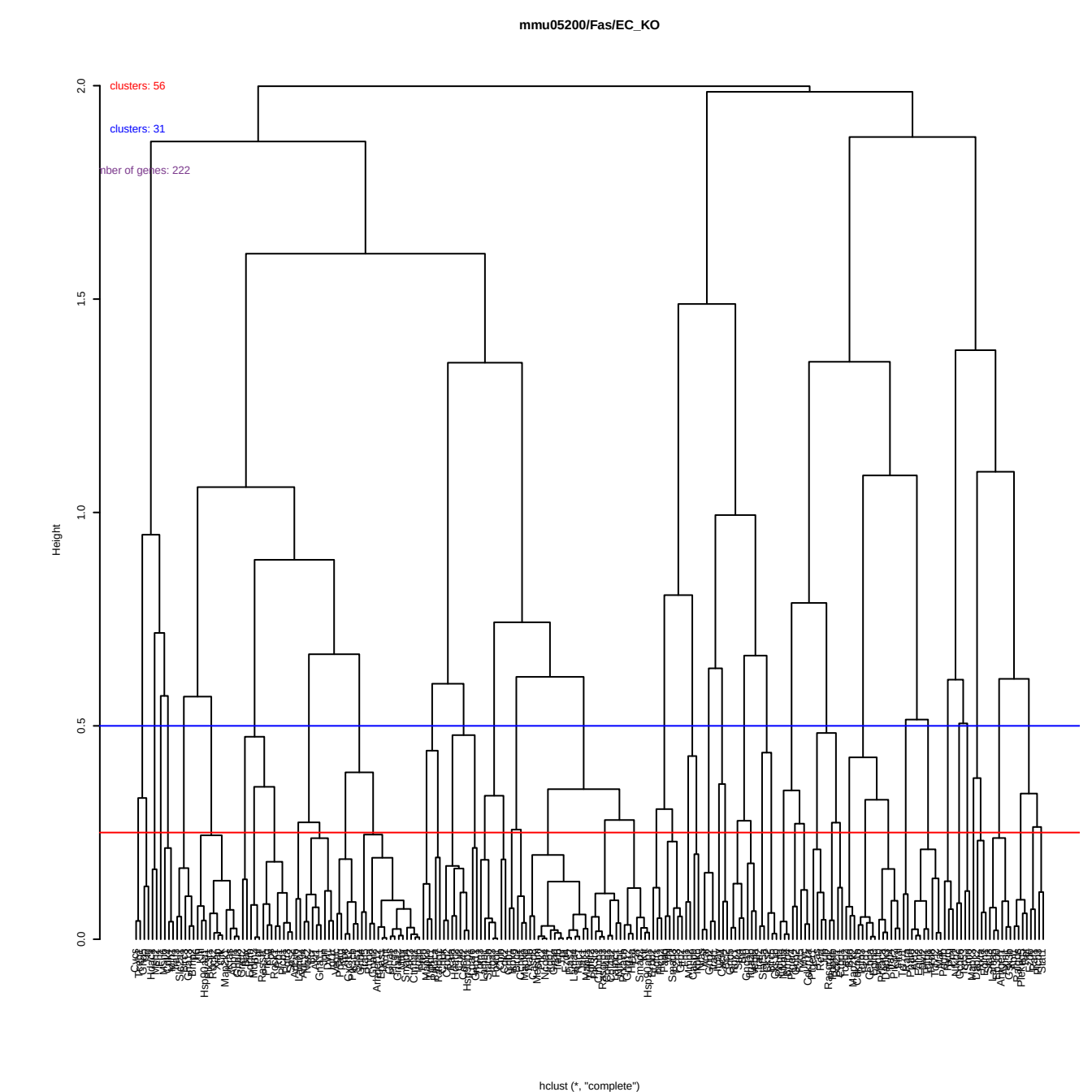

mmu05168/Fas/EC_WT
clusters: 48
clusters: 27
mber of genes: 132
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

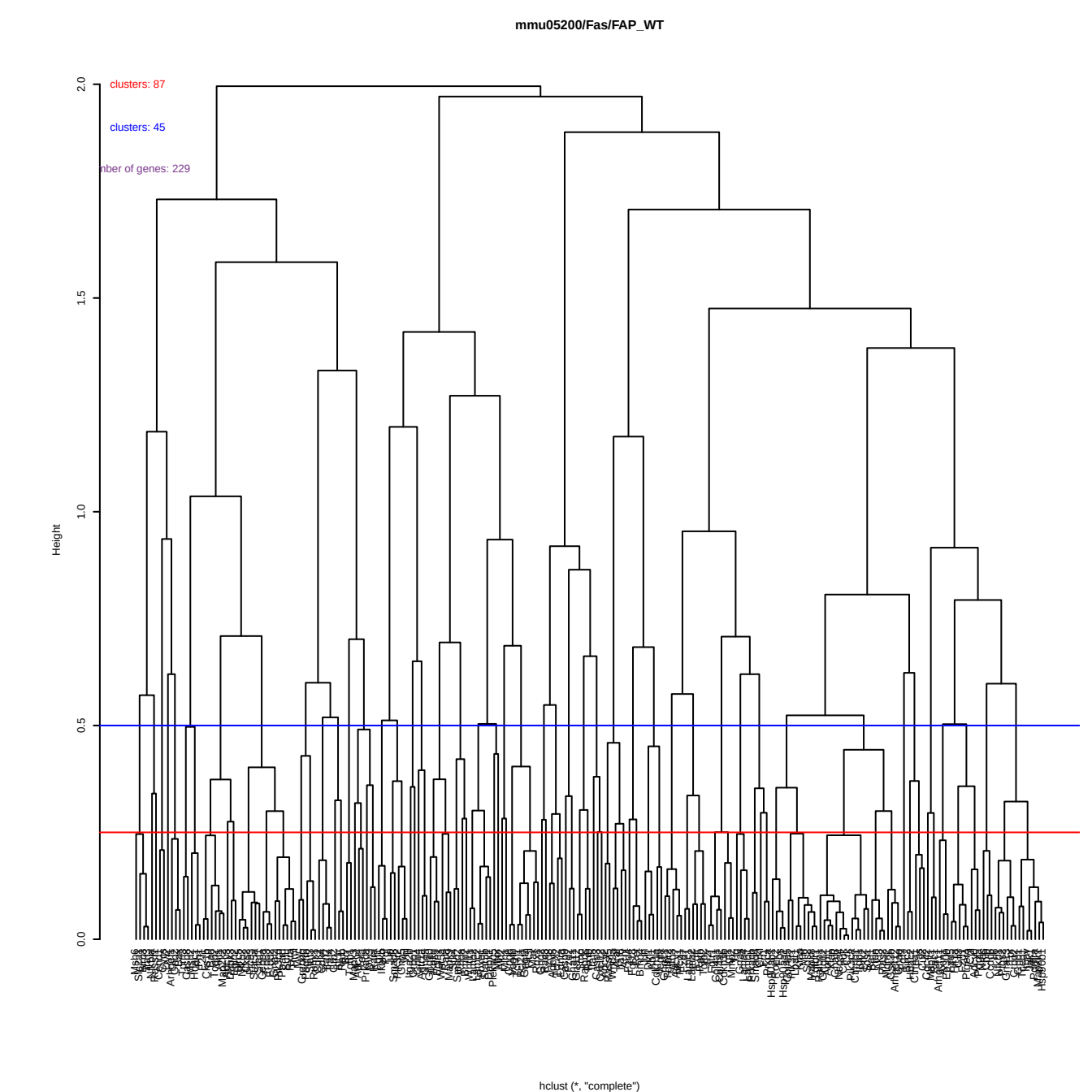

mmu05168/Fas/EC_KO
clusters: 46
clusters: 25
mber of genes: 135
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

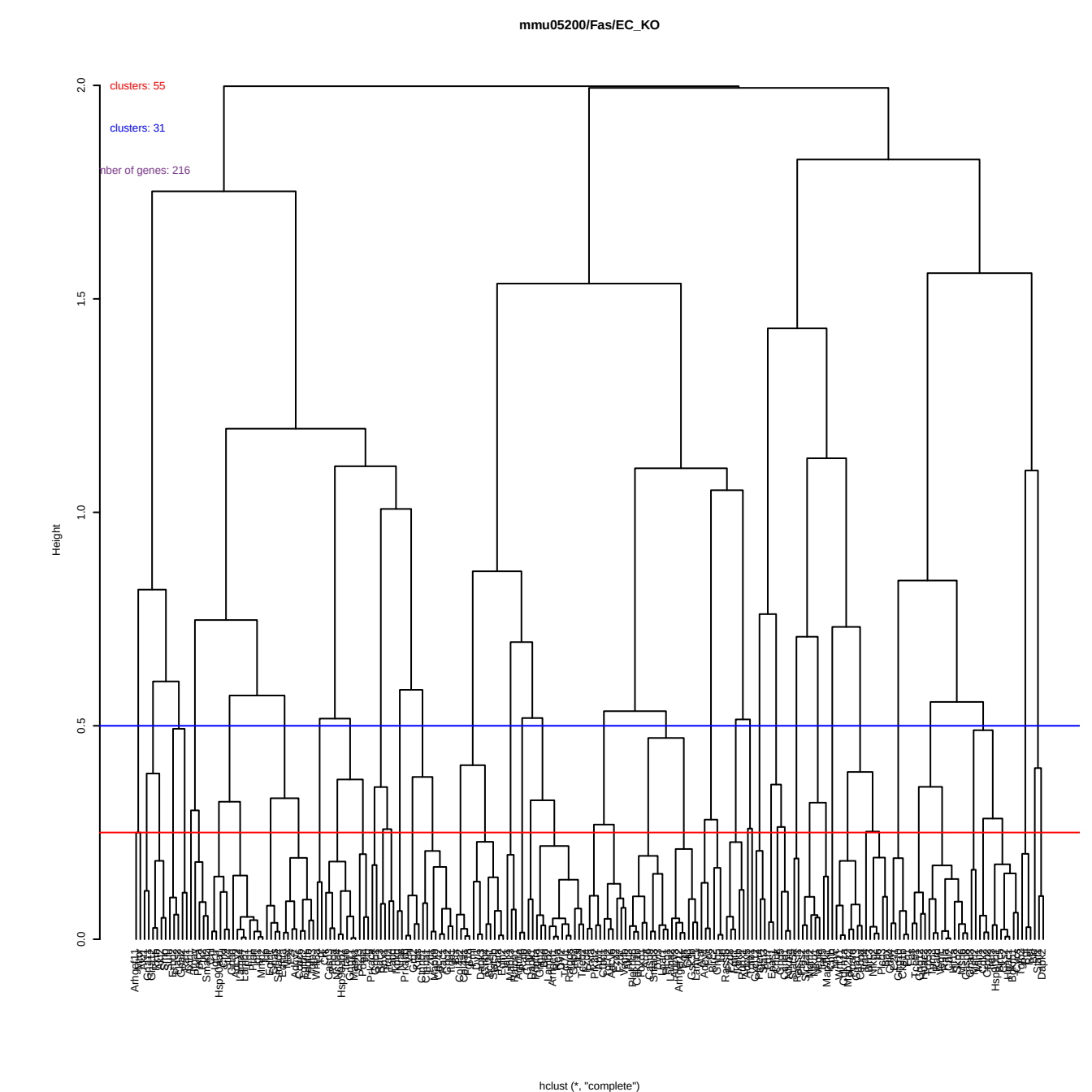

mmu05168/Fas/FAP_WT
clusters: 54
clusters: 29
nber of genes: 125
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

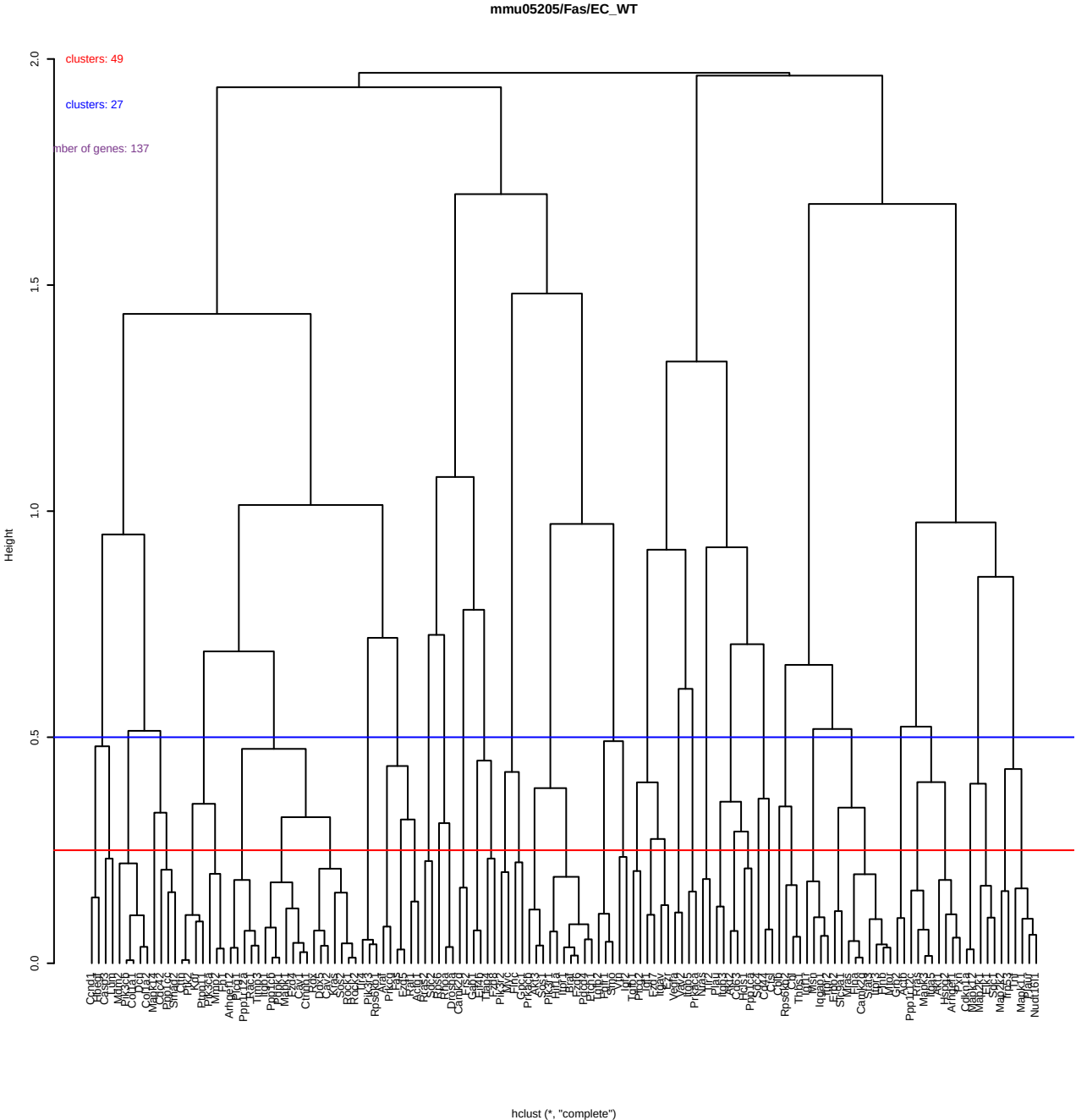

mmu05168/Fas/EC_KO
clusters: 42
clusters: 24
mber of genes: 122
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

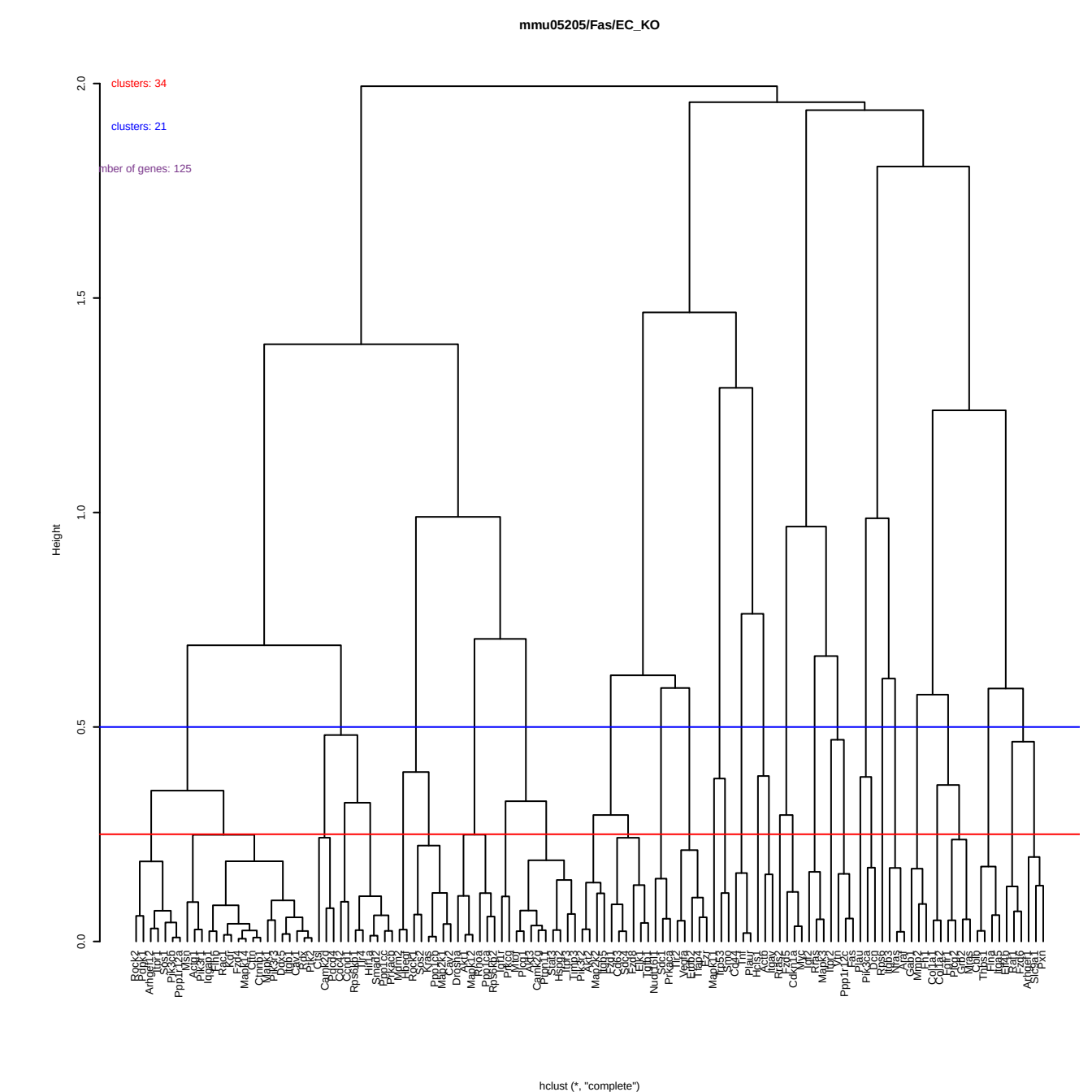

mmu05200/Fas/EC_WT
clusters: 67
clusters: 36
nber of genes: 235
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

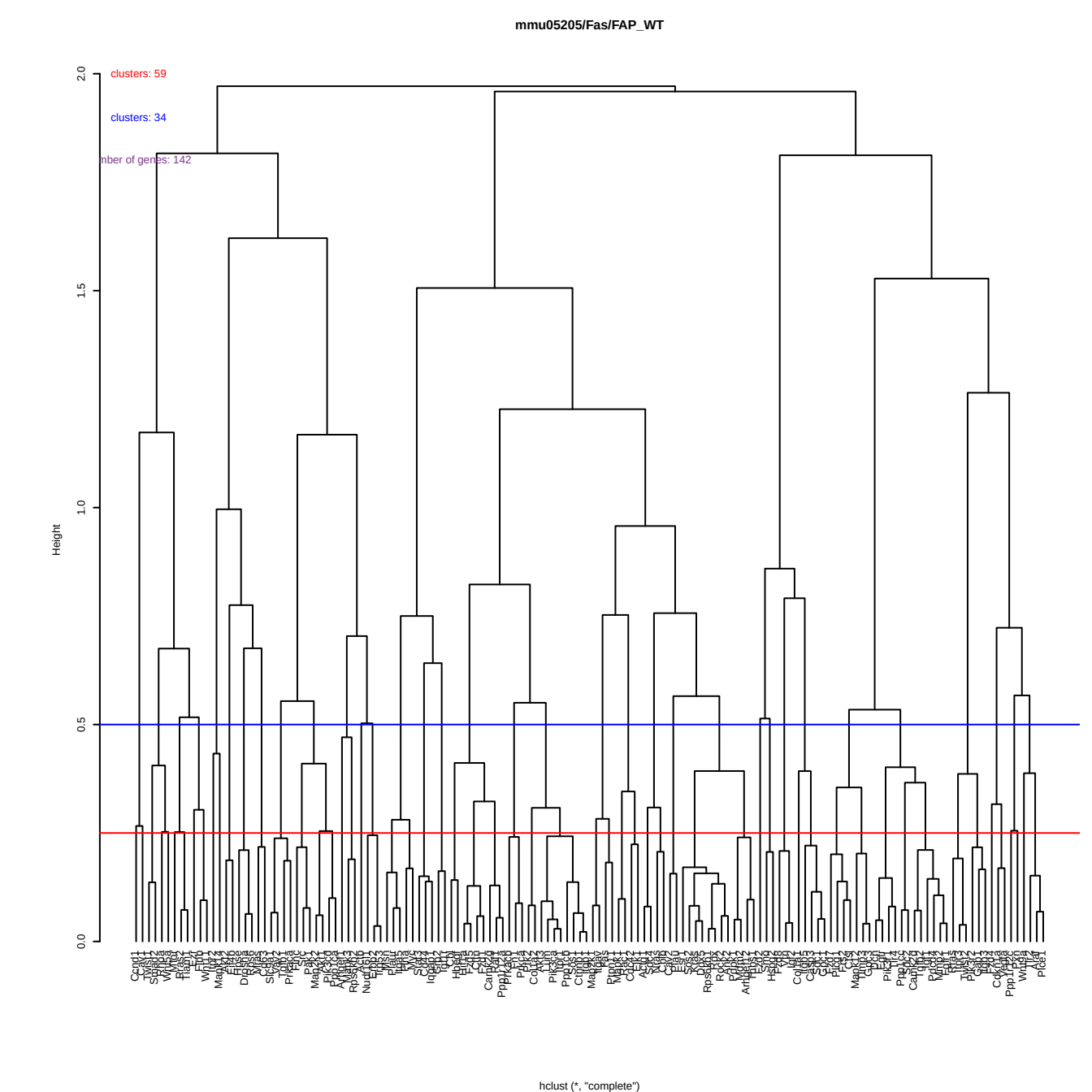

mmu05200/Fas/EC_KO
clusters: 56
clusters: 31
nber of genes: 222
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

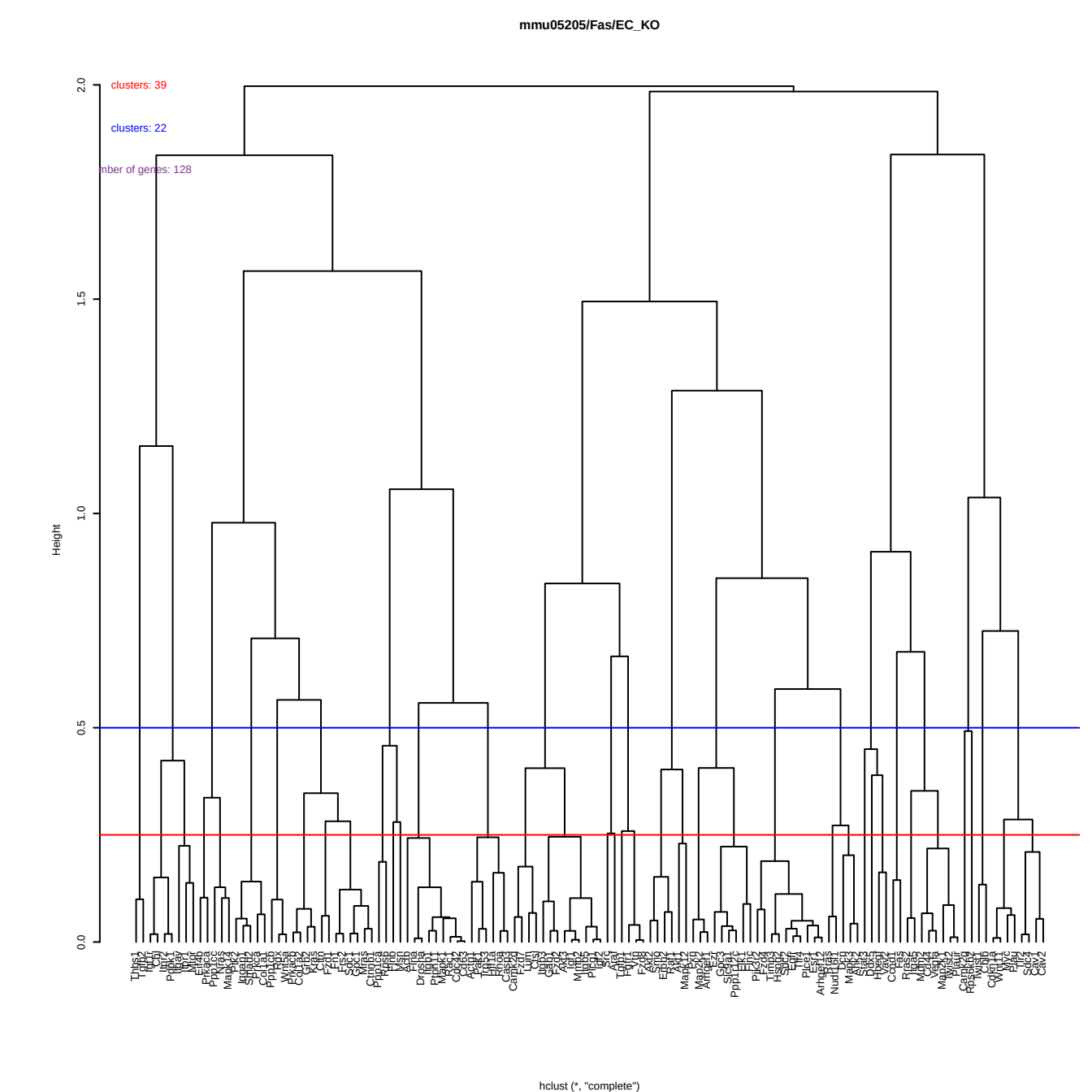

mmu05200/Fas/FAP_WT
clusters: 87
clusters: 45
nber of genes: 229
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

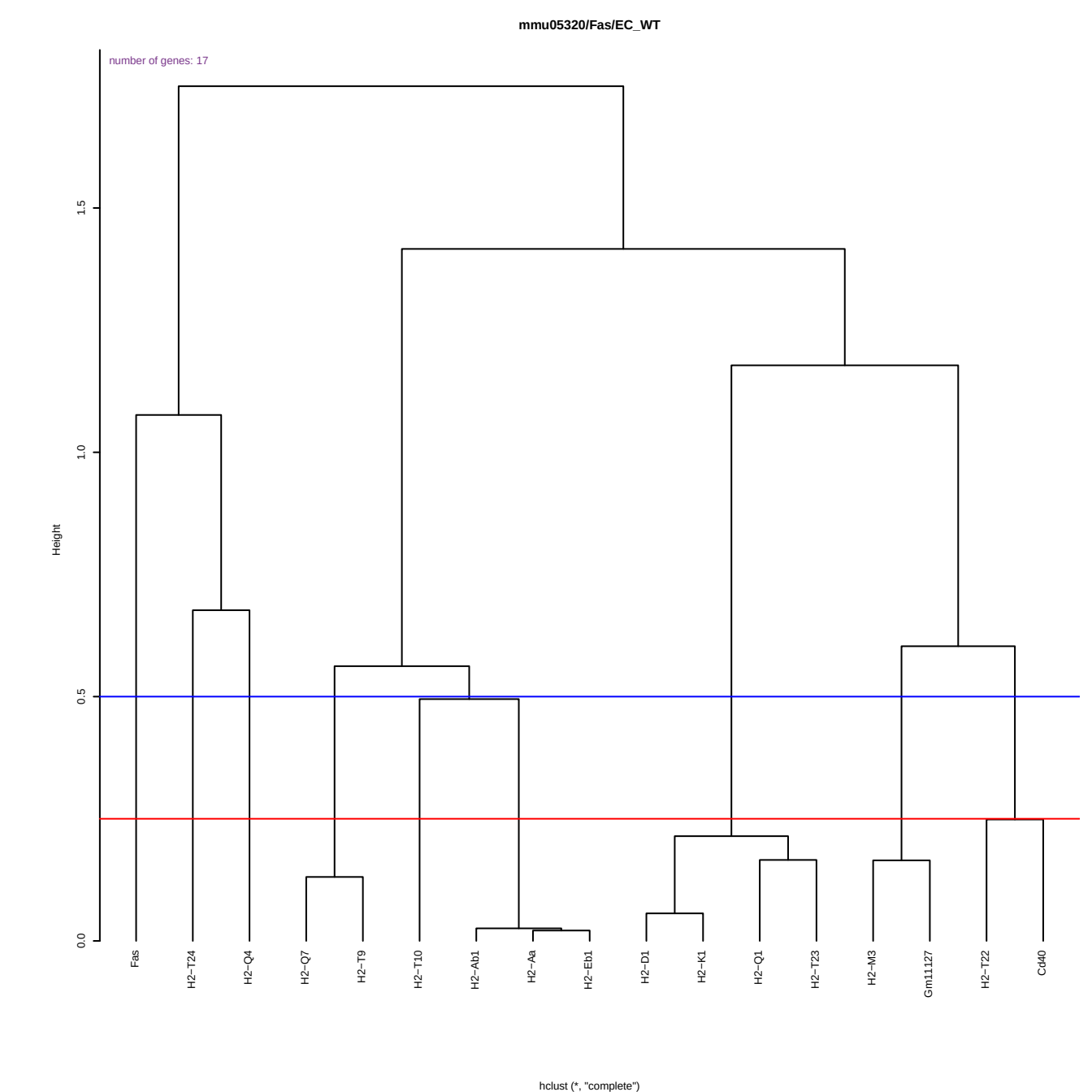

mmu05200/Fas/EC_KO
clusters: 55
clusters: 31
nber of genes: 216
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

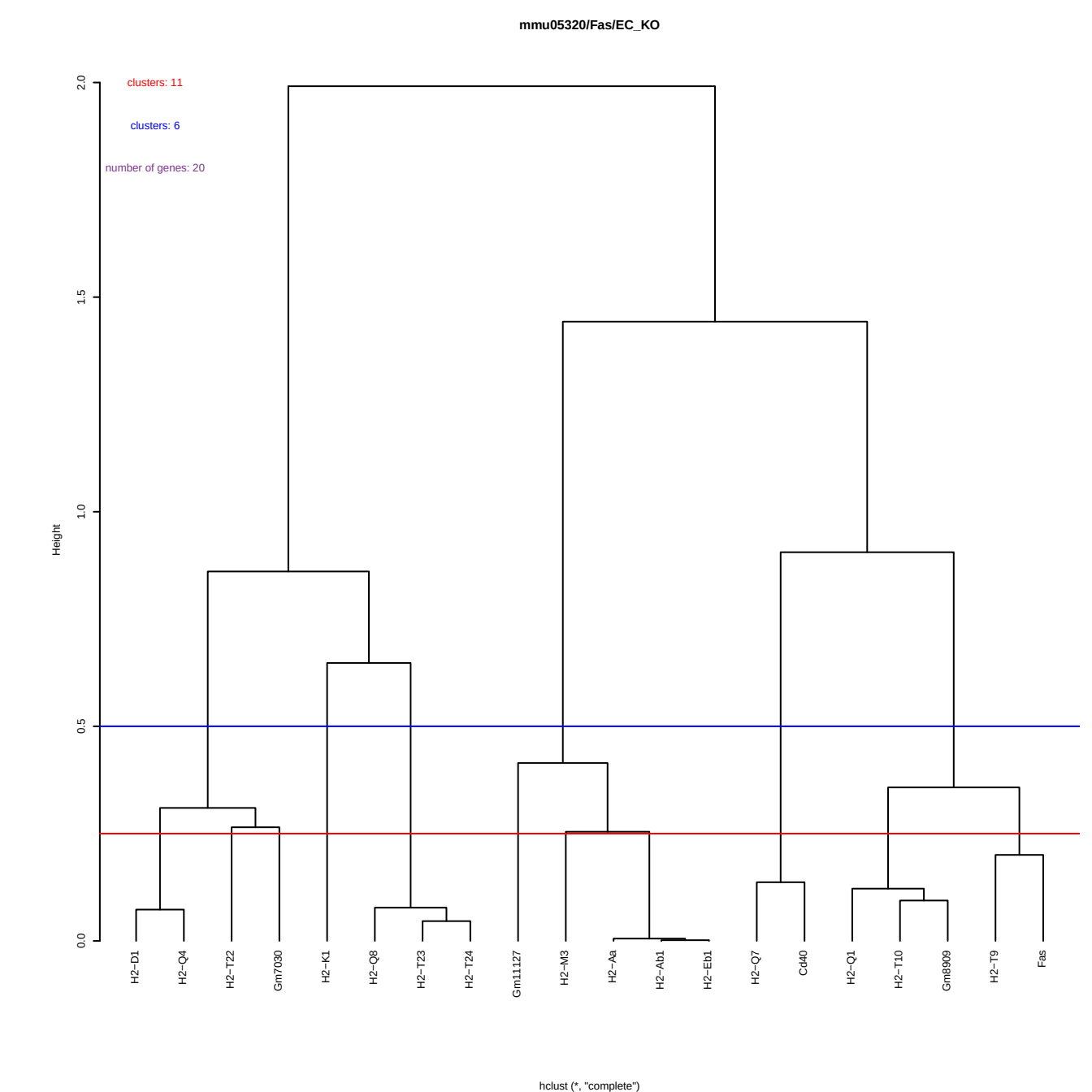

mmu05205/Fas/EC_WT
clusters: 49
clusters: 27
mber of genes: 137
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

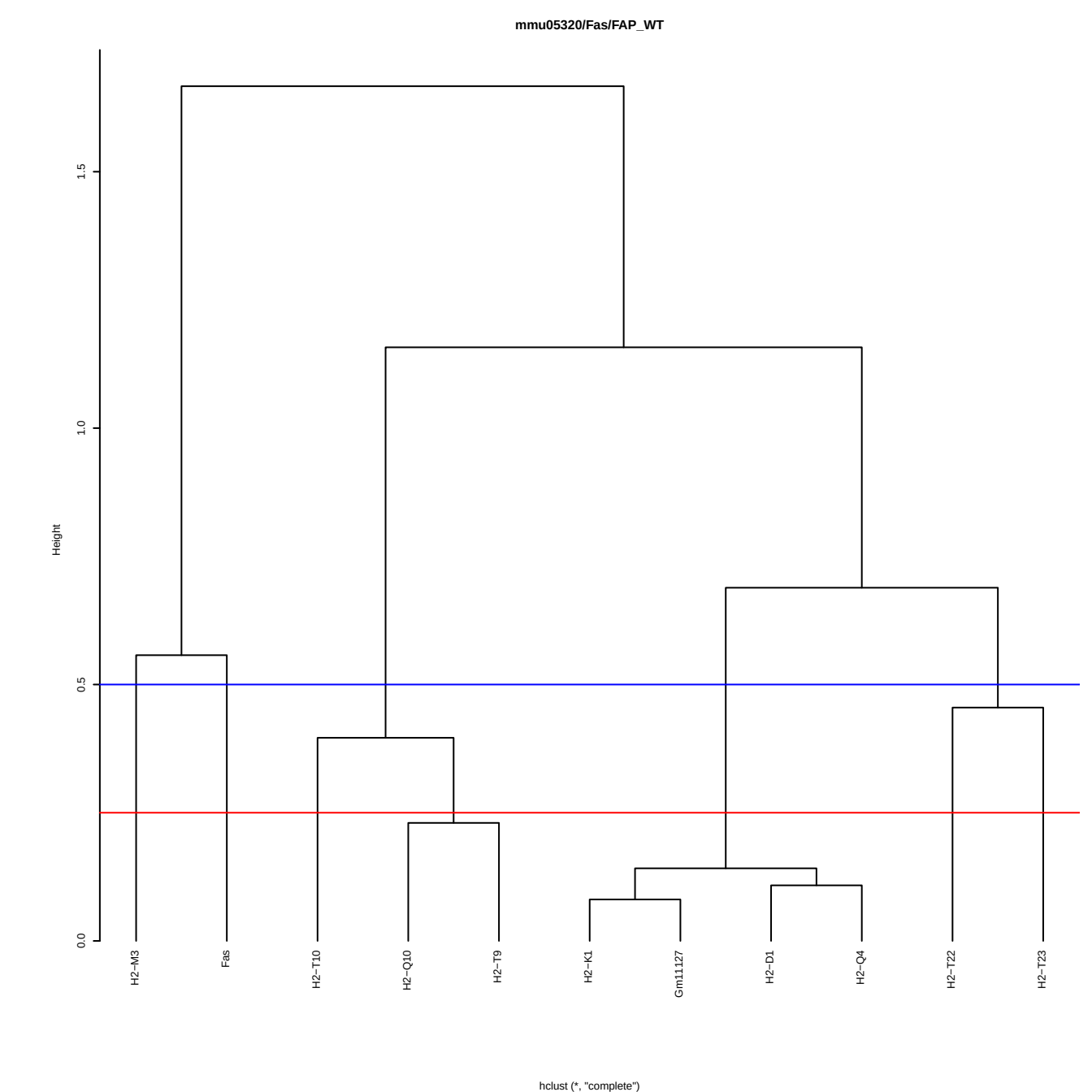

mmu05205/Fas/EC_KO
clusters: 34
clusters: 21
mber of genes: 125
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

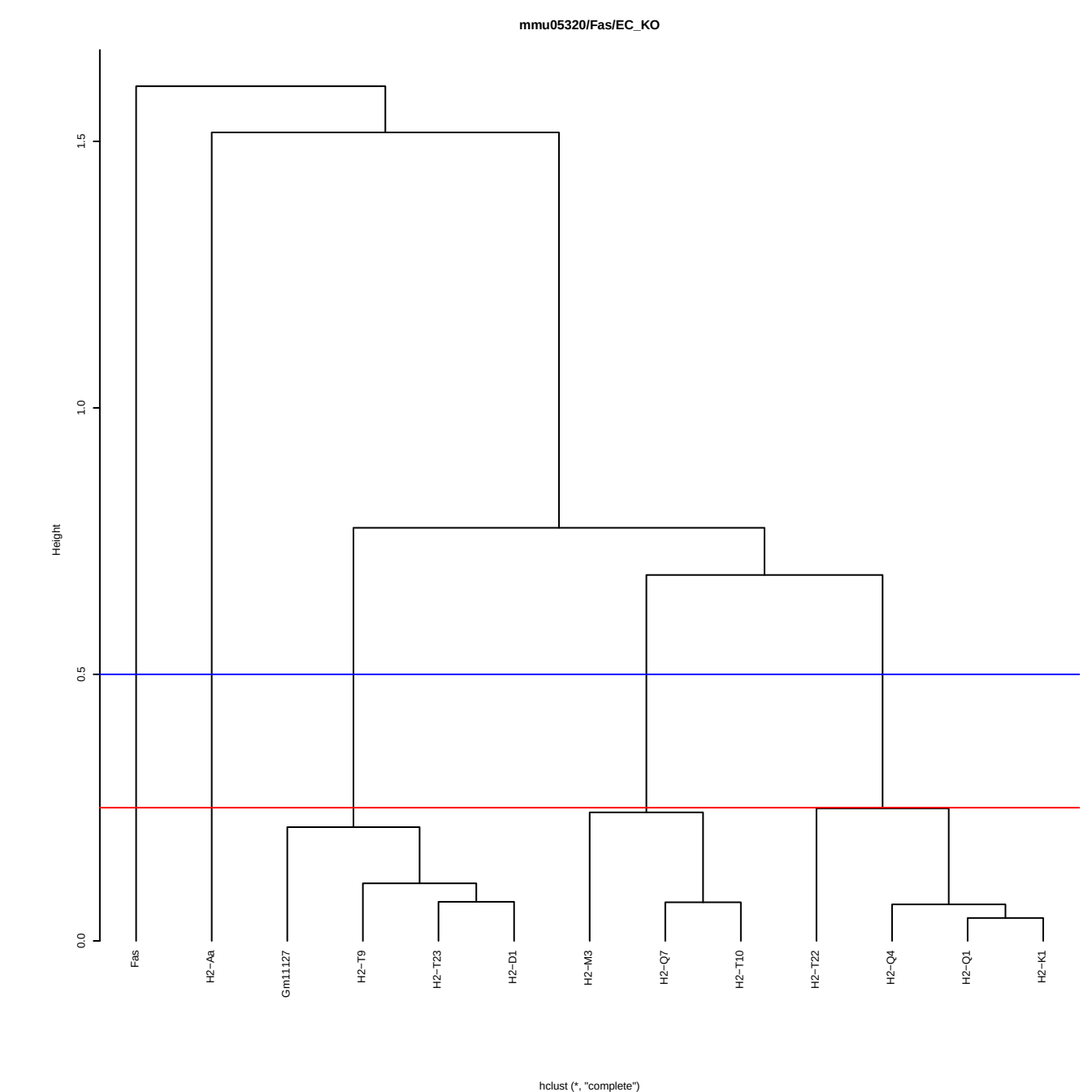

mmu05205/Fas/FAP_WT
clusters: 59
clusters: 34
mber of genes: 142
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

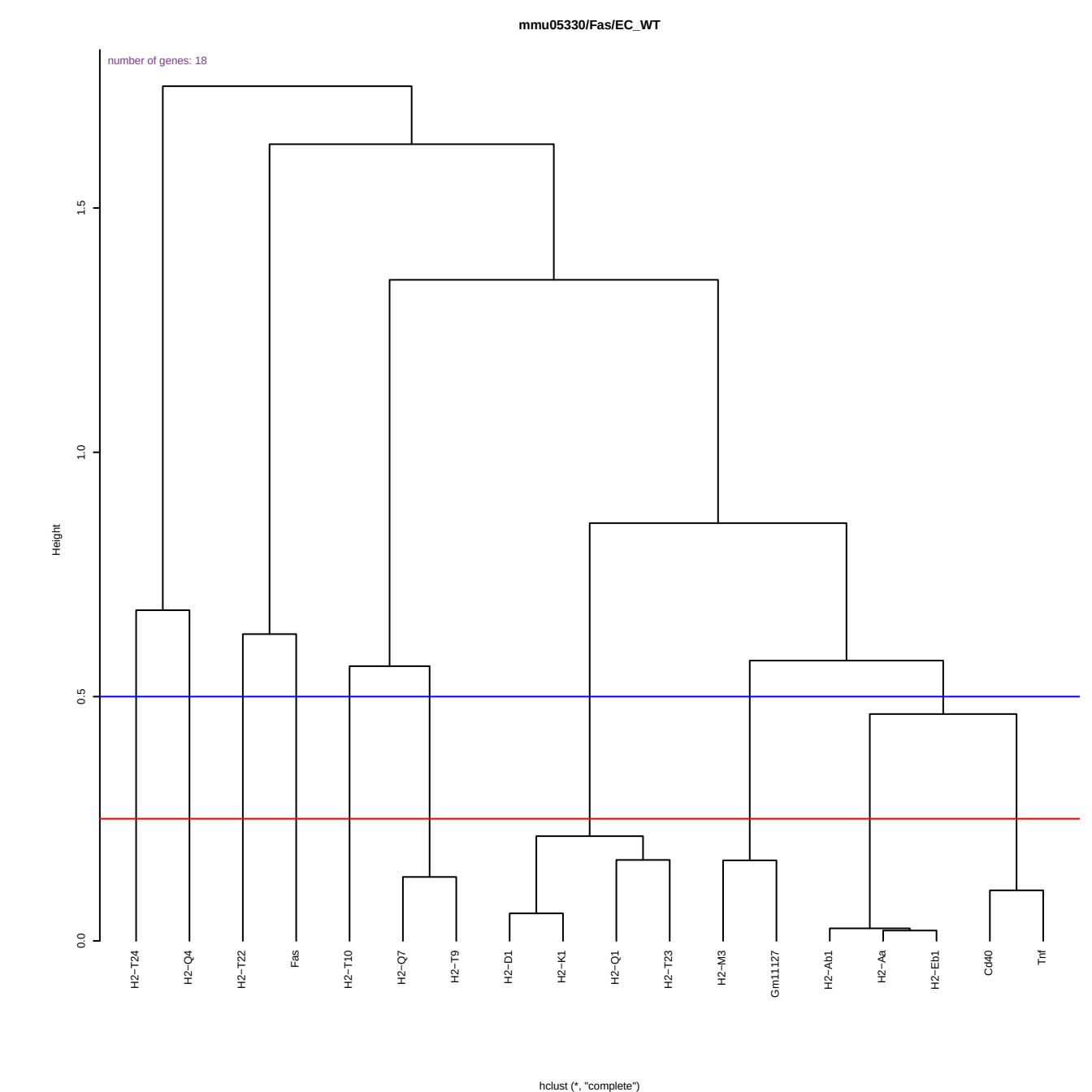

mmu05205/Fas/EC_KO
clusters: 39
clusters: 22
mber of genes: 128
Height
2.0
1.5
1.0
0.5
0.0
hclust (*, "complete")

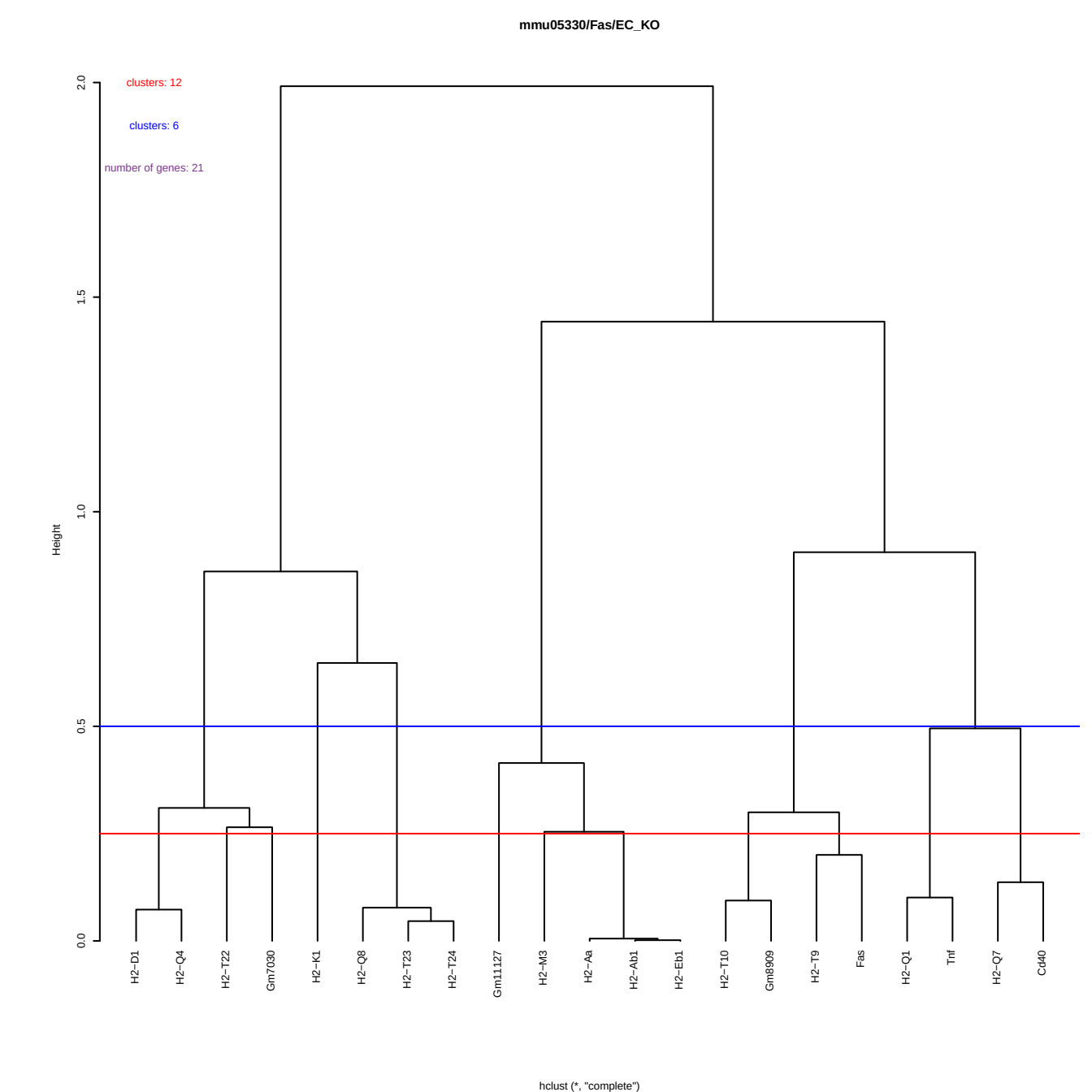

mmu05320/Fas/EC_WT
number of genes: 17
Height
0.0
0.5
1.0
1.5
Fas
H2−T24
H2−Q4
H2−Q7
H2−T9
H2−T10
H2−Ab1
H2−Aa
H2−Eb1
H2−D1
H2−K1
H2−Q1
H2−T23
H2−M3
Gm11127
H2−T22
Cd40
hclust (*, "complete")

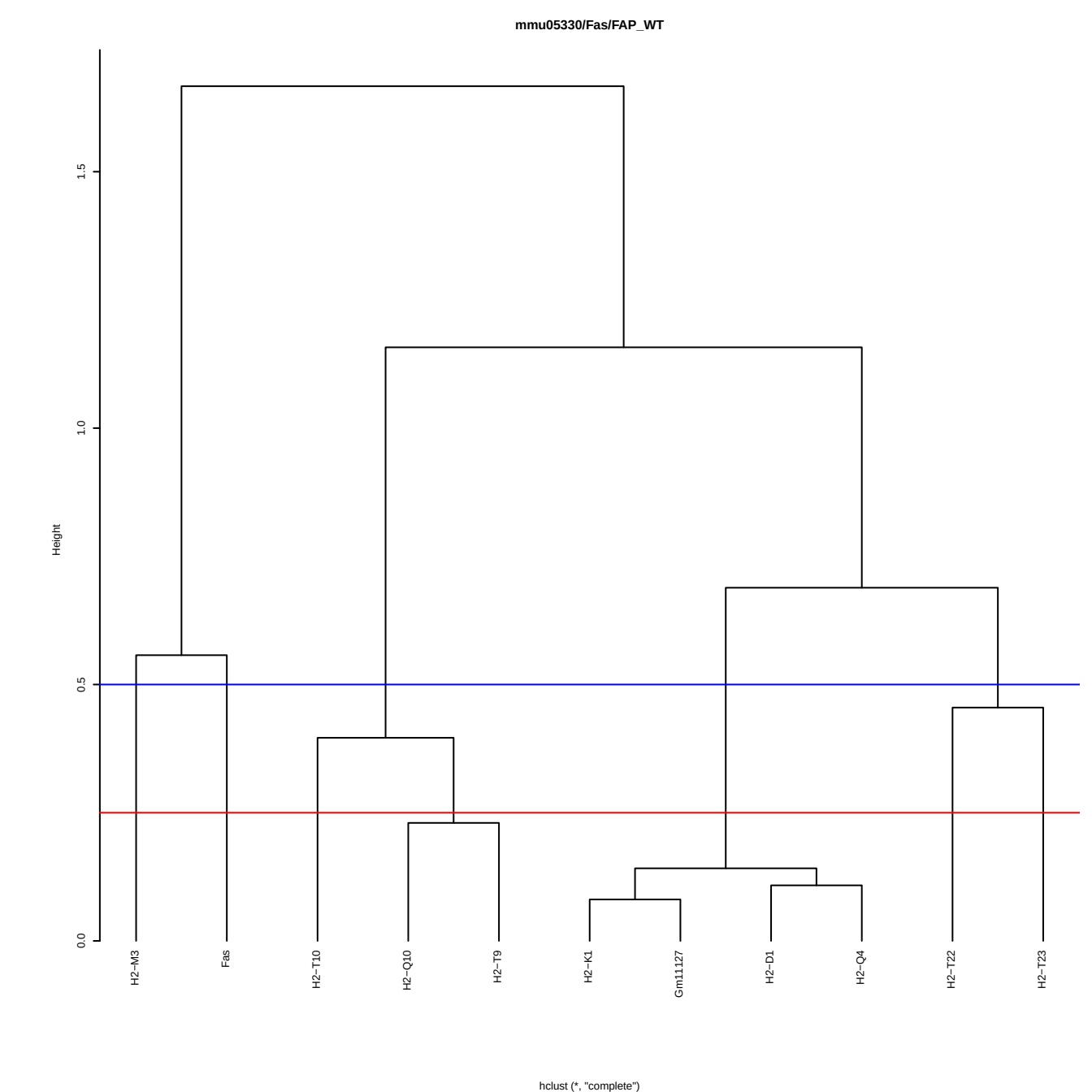

mmu05320/Fas/EC_KO
clusters: 11
clusters: 6
number of genes: 20
Height
2.0
1.5
1.0
0.5
0.0
H2−D1
H2−Q4
H2−T22
Gm7030
H2−K1
H2−Q8
H2−T23
H2−T24
Gm11127
H2−M3
H2−Aa
H2−Ab1
H2−Eb1
H2−Q7
Cd40
H2−Q1
H2−T10
Gm8909
H2−T9
Fas
hclust (*, "complete")

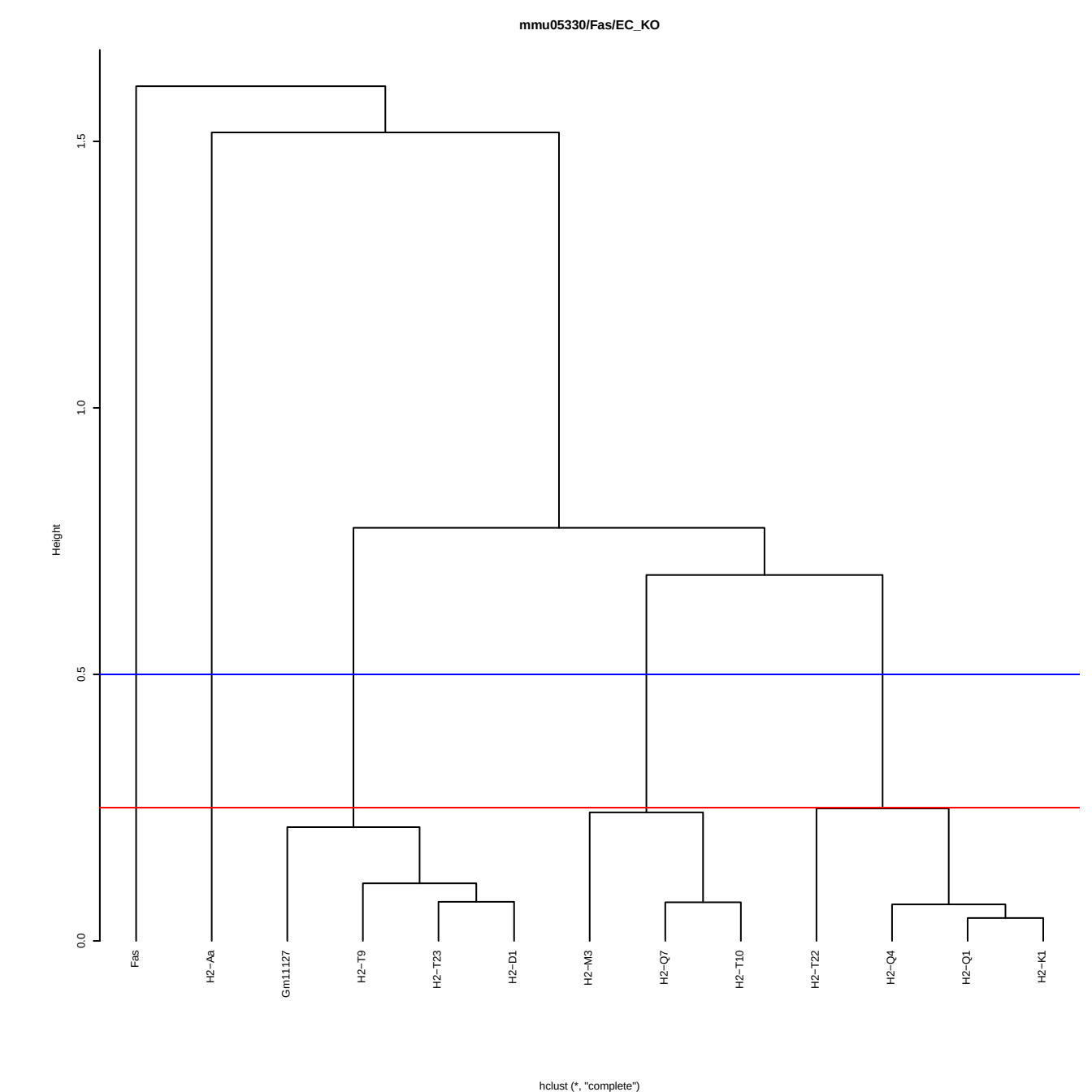

mmu05320/Fas/FAP_WT
Height
0.0
0.5
1.0
1.5
H2−M3
Fas
H2−T10
H2−Q10
H2−T9
H2−K1
Gm11127
H2−D1
H2−Q4
H2−T22
H2−T23
hclust (*, "complete")

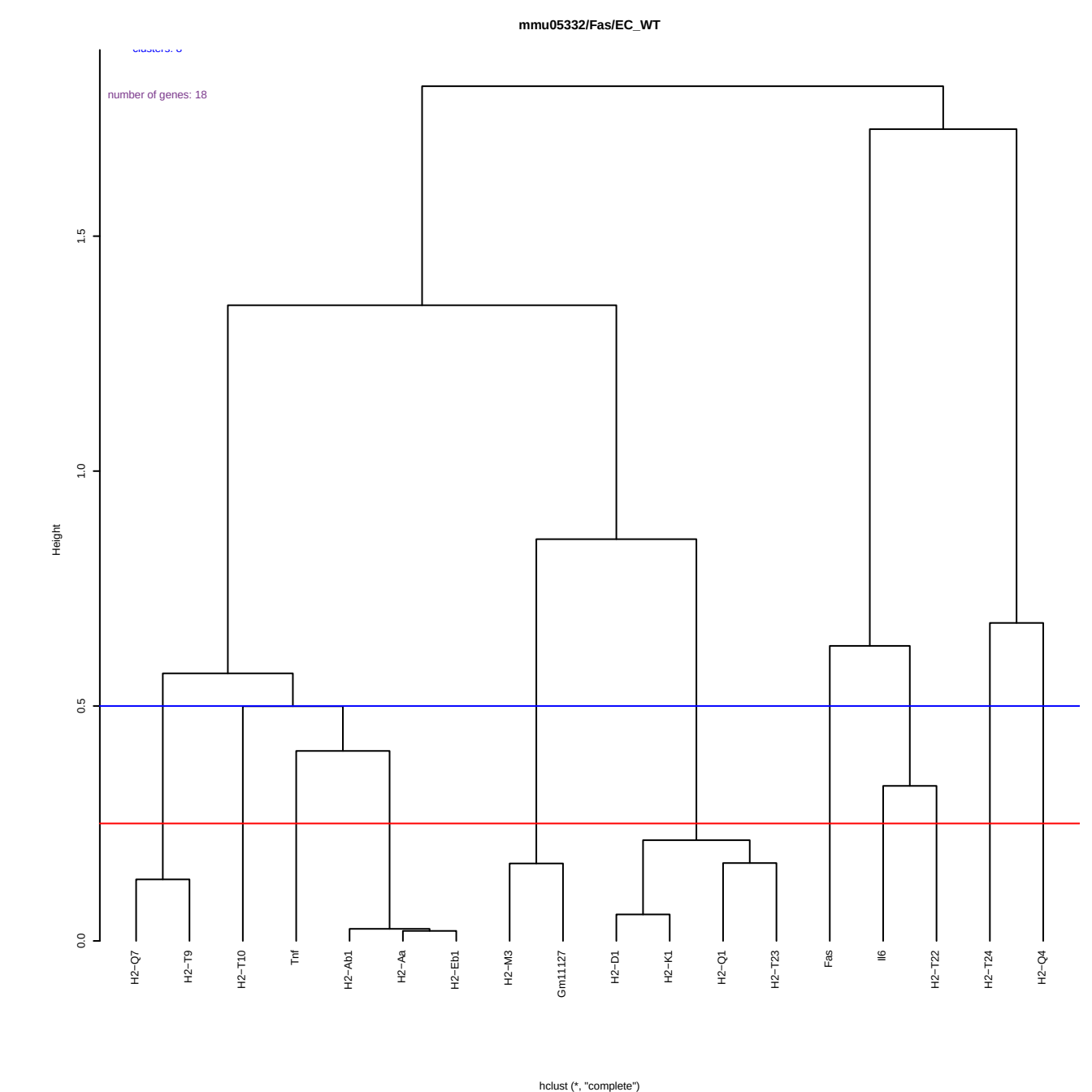

mmu05320/Fas/EC_KO
Height
0.0
0.5
1.0
1.5
Fas
H2−Aa
Gm11127
H2−T9
H2−T23
H2−D1
H2−M3
H2−Q7
H2−T10
H2−T22
H2−Q4
H2−Q1
H2−K1
hclust (*, "complete")

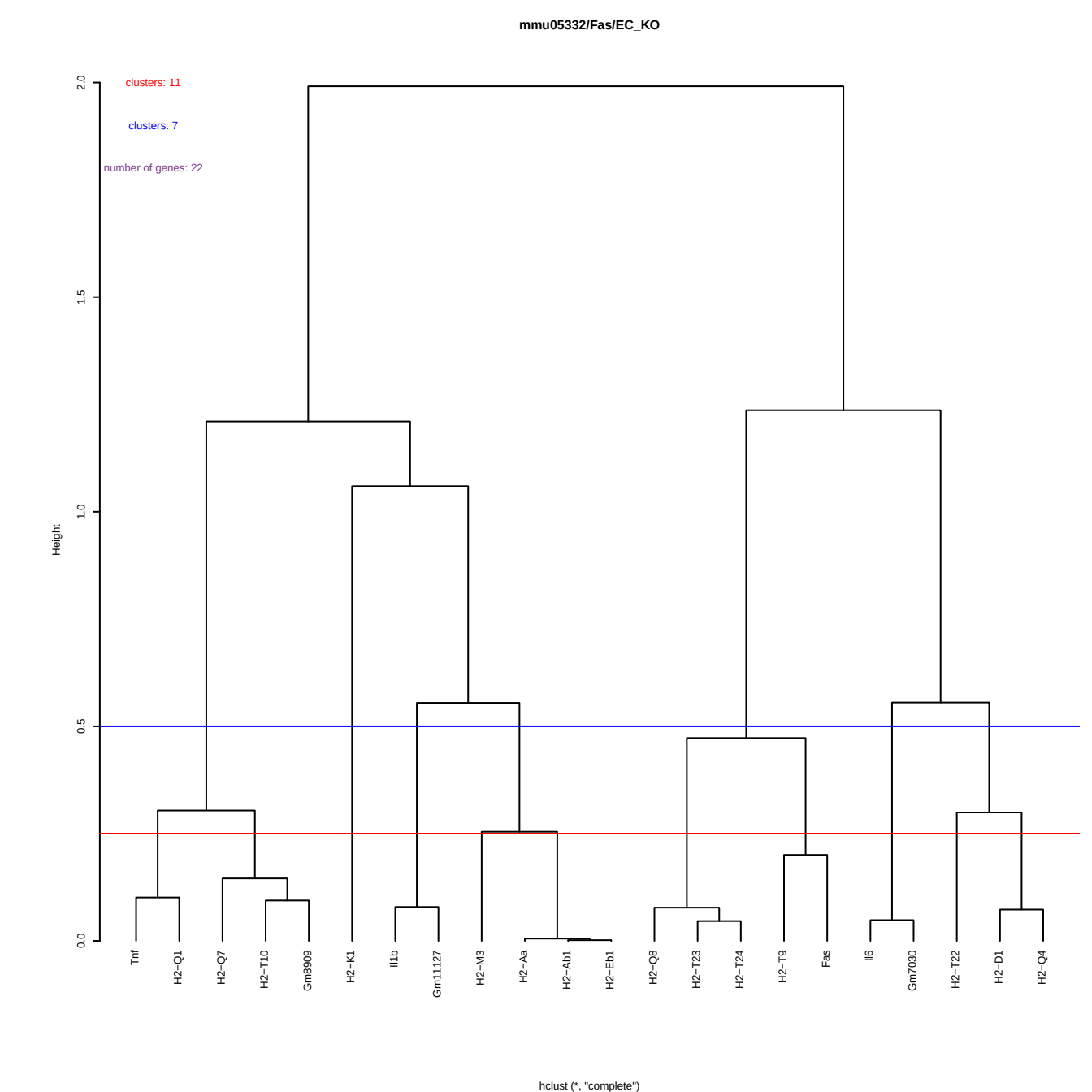

mmu05330/Fas/EC_WT
number of genes: 18
Height
0.0
0.5
1.0
1.5
H2−T24
H2−Q4
H2−T22
Fas
H2−T10
H2−Q7
H2−T9
H2−D1
H2−K1
H2−Q1
H2−T23
H2−M3
Gm11127
H2−Ab1
H2−Aa
H2−Eb1
Cd40
Tnf
hclust (*, "complete")

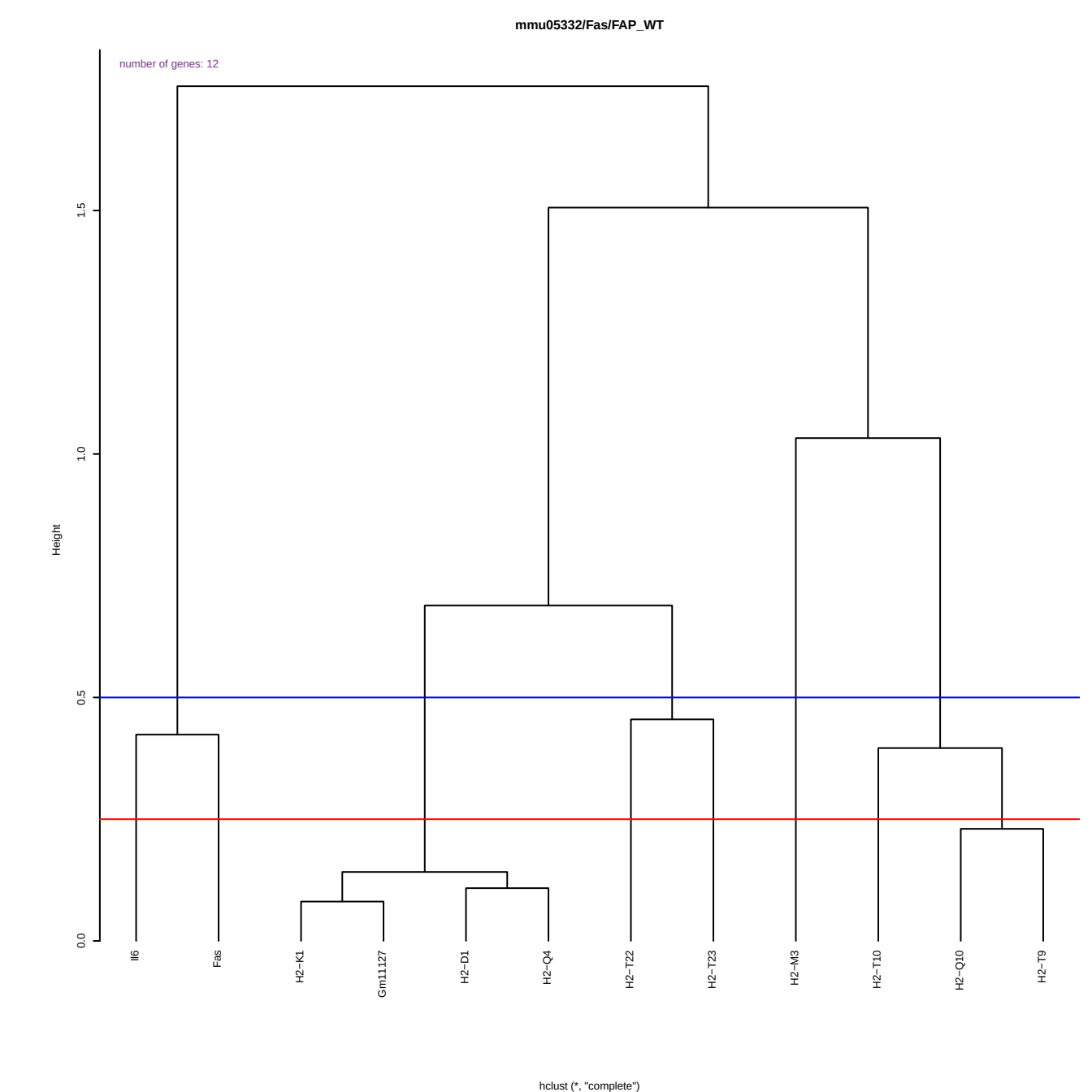

mmu05330/Fas/EC_KO
clusters: 12
clusters: 6
number of genes: 21
Height
2.0
1.5
1.0
0.5
0.0
H2−D1
H2−Q4
H2−T22
Gm7030
H2−K1
H2−Q8
H2−T23
H2−T24
Gm11127
H2−M3
H2−Aa
H2−Ab1
H2−Eb1
H2−T10
Gm8909
H2−T9
Fas
H2−Q1
Tnf
H2−Q7
Cd40
hclust (*, "complete")

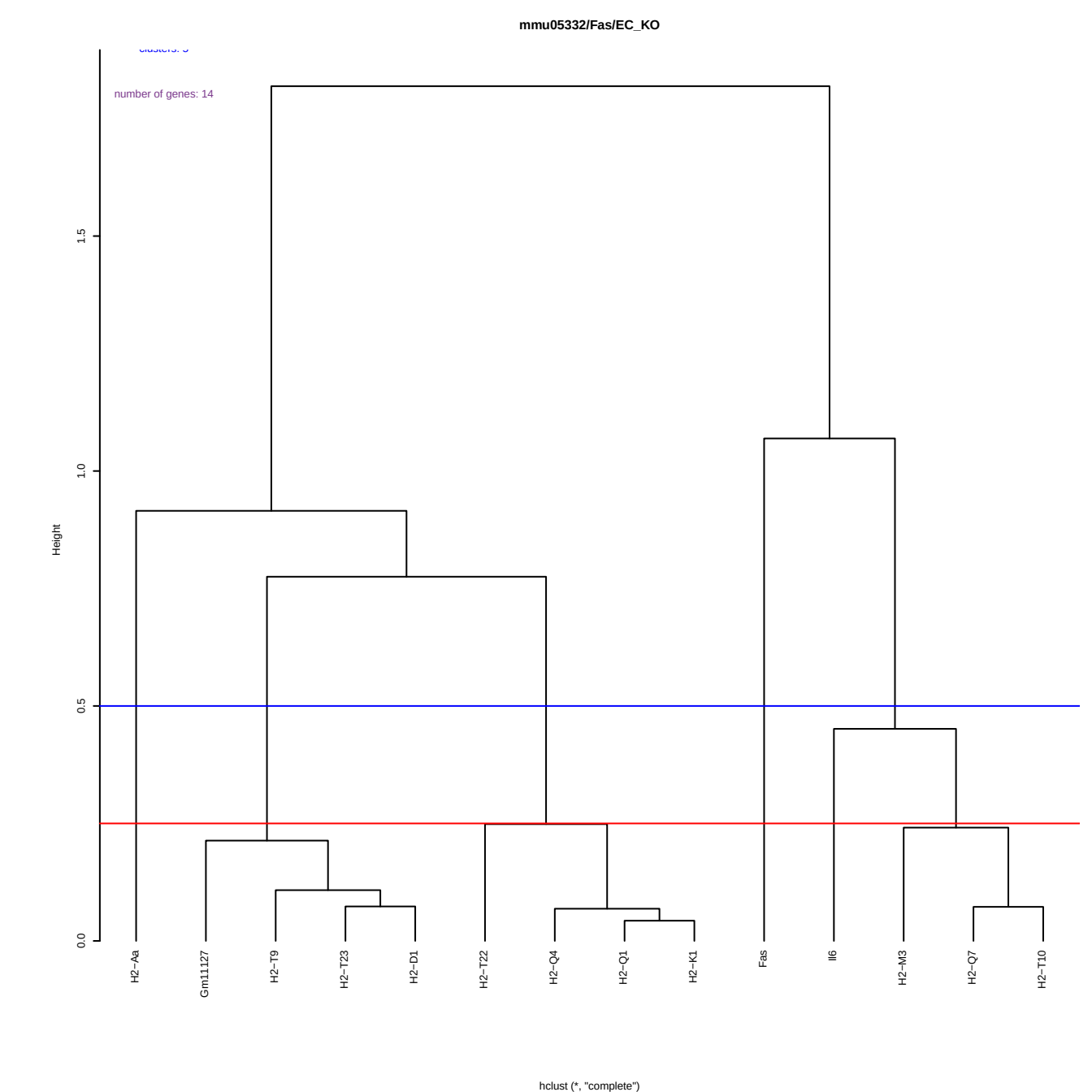

mmu05330/Fas/FAP_WT
Height
0.0
0.5
1.0
1.5
H2−M3
Fas
H2−T10
H2−Q10
H2−T9
H2−K1
Gm11127
H2−D1
H2−Q4
H2−T22
H2−T23
hclust (*, "complete")


mmu05330/Fas/EC_KO
Height
0.0
0.5
1.0
1.5
Fas
H2−Aa
Gm11127
H2−T9
H2−T23
H2−D1
H2−M3
H2−Q7
H2−T10
H2−T22
H2−Q4
H2−Q1
H2−K1
hclust (*, "complete")


mmu05332/Fas/EC_WT
clusters: 3
number of genes: 18
Height
0.0
0.5
1.0
1.5
H2−Q7
H2−T9
H2−T10
Tnf
H2−Ab1
H2−Aa
H2−Eb1
H2−M3
Gm11127
H2−D1
H2−K1
H2−Q1
H2−T23
Fas
Il6
H2−T22
H2−T24
H2−Q4
hclust (*, "complete")


mmu05332/Fas/EC_KO
clusters: 11
clusters: 7
number of genes: 22
Height
2.0
1.5
1.0
0.5
0.0
Tnf
H2−Q1
H2−Q7
H2−T10
Gm8909
H2−K1
Il1b
Gm11127
H2−M3
H2−Aa
H2−Ab1
H2−Eb1
H2−Q8
H2−T23
H2−T24
H2−T9
Fas
Il6
Gm7030
H2−T22
H2−D1
H2−Q4
hclust (*, "complete")


mmu05332/Fas/FAP_WT
number of genes: 12
Height
0.0
0.5
1.0
1.5
Il6
Fas
H2−K1
Gm11127
H2−D1
H2−Q4
H2−T22
H2−T23
H2−M3
H2−T10
H2−Q10
H2−T9
hclust (*, "complete")


mmu05332/Fas/EC_KO
number of genes: 14
Height
0.0
0.5
1.0
1.5
H2−Aa
Gm11127
H2−T9
H2−T23
H2−D1
H2−T22
H2−Q4
H2−Q1
H2−K1
Fas
Il6
H2−M3
H2−Q7
H2−T10
hclust (*, "complete")