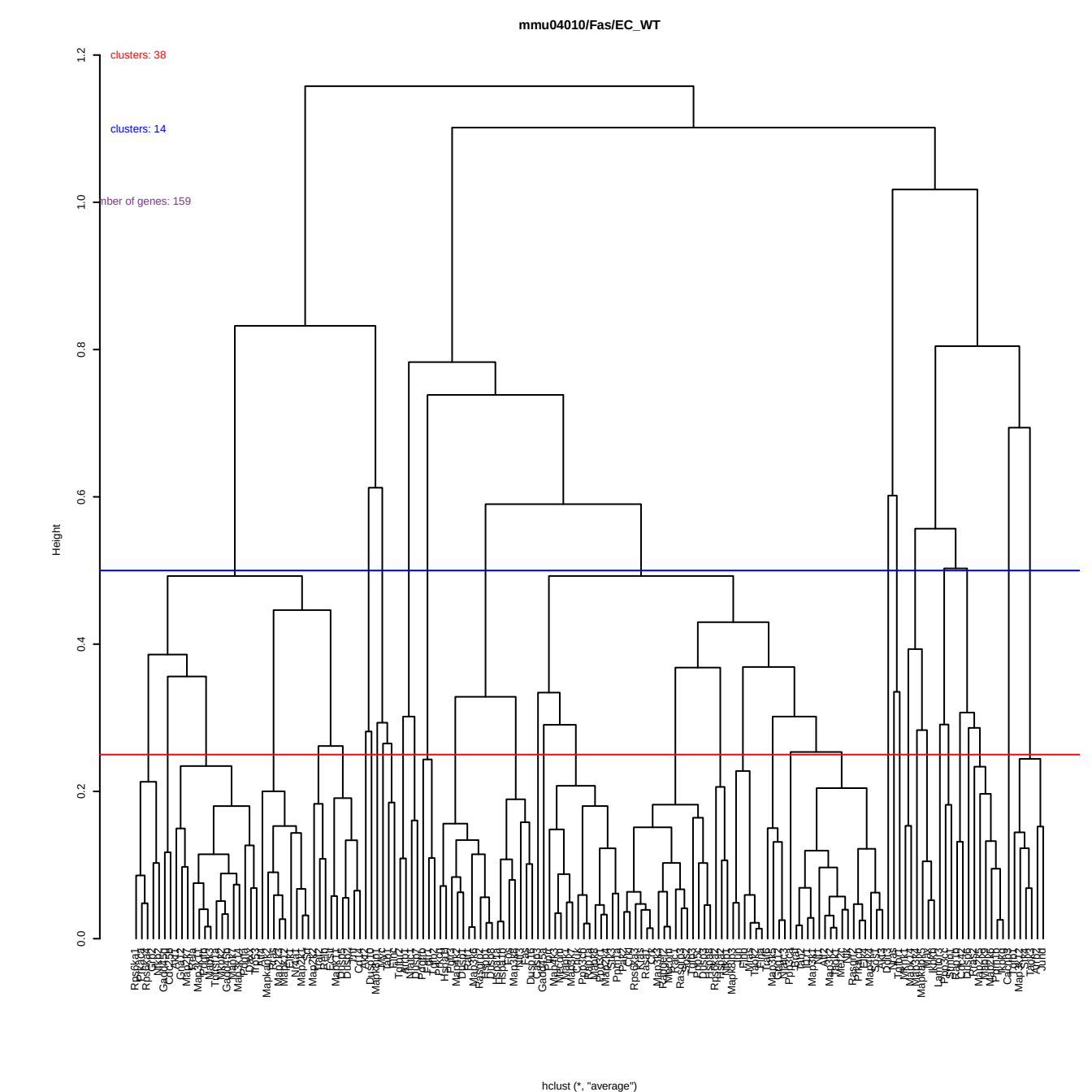
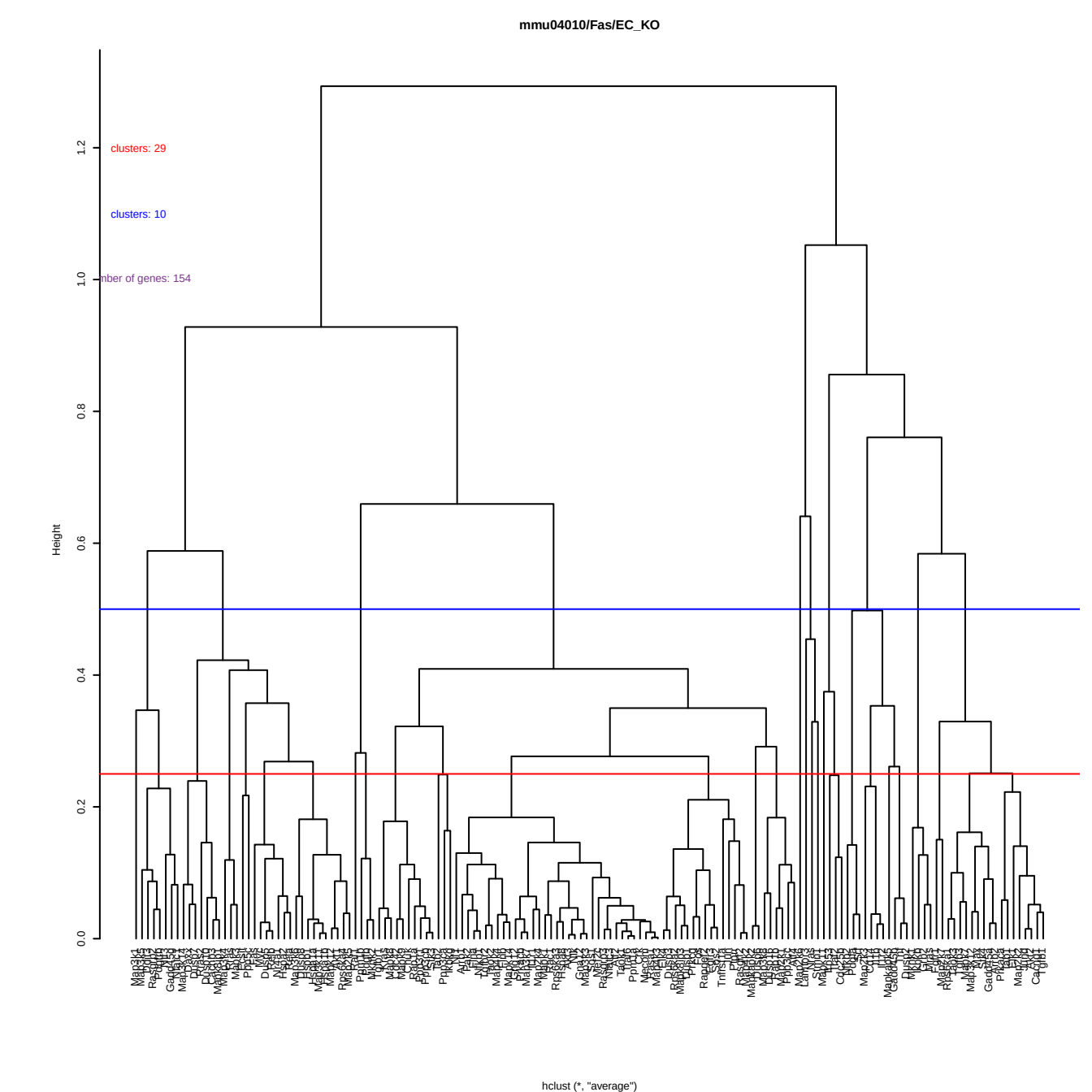
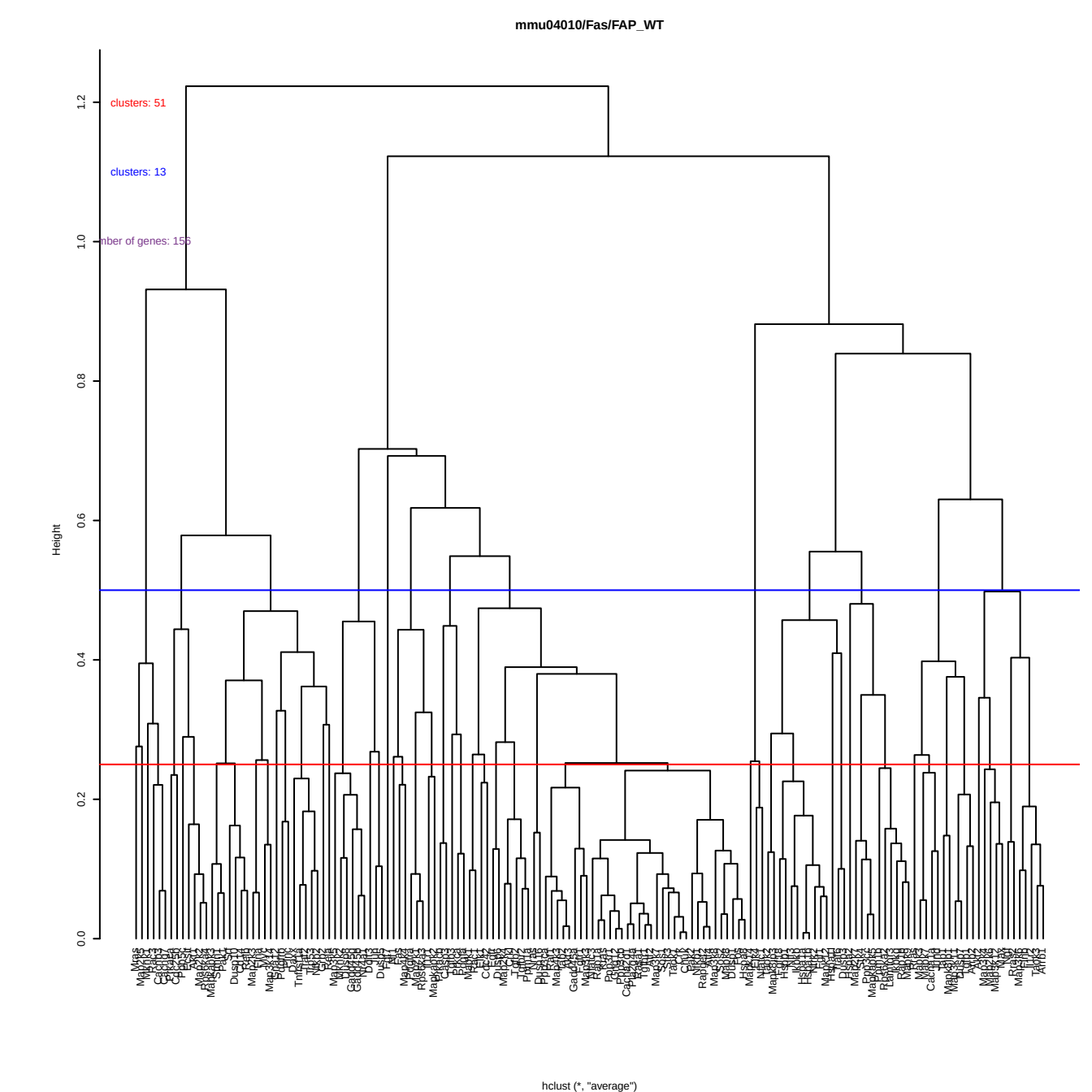
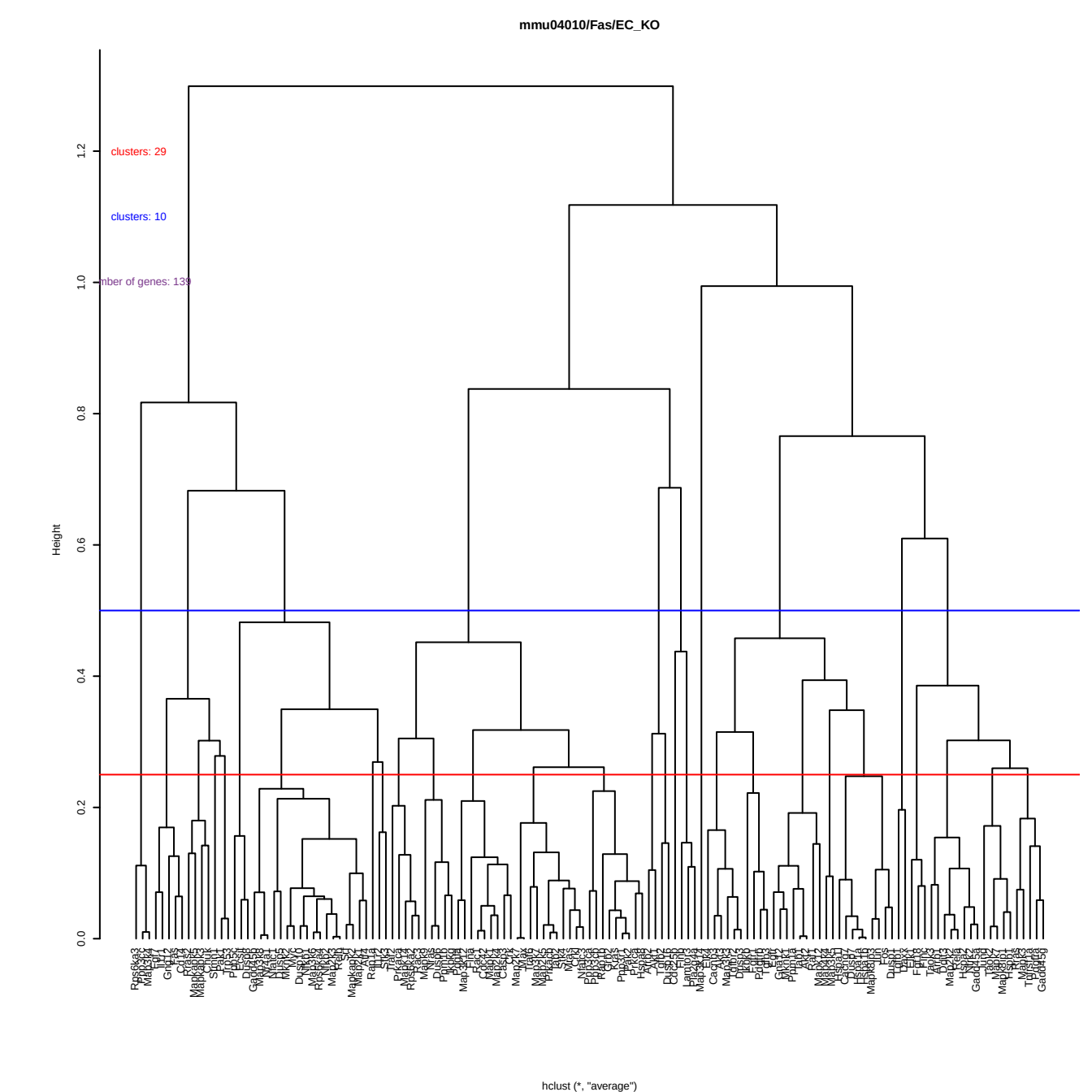
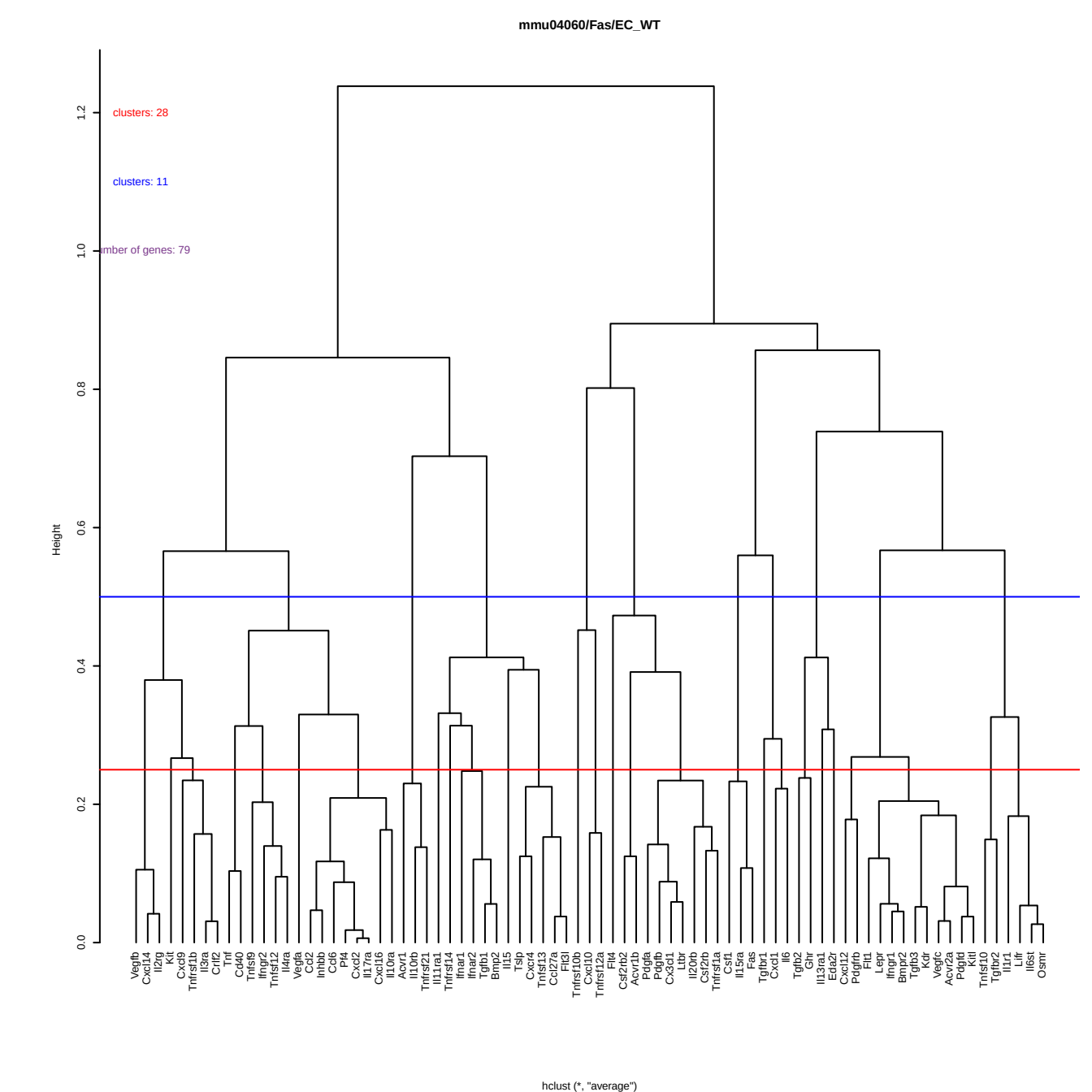
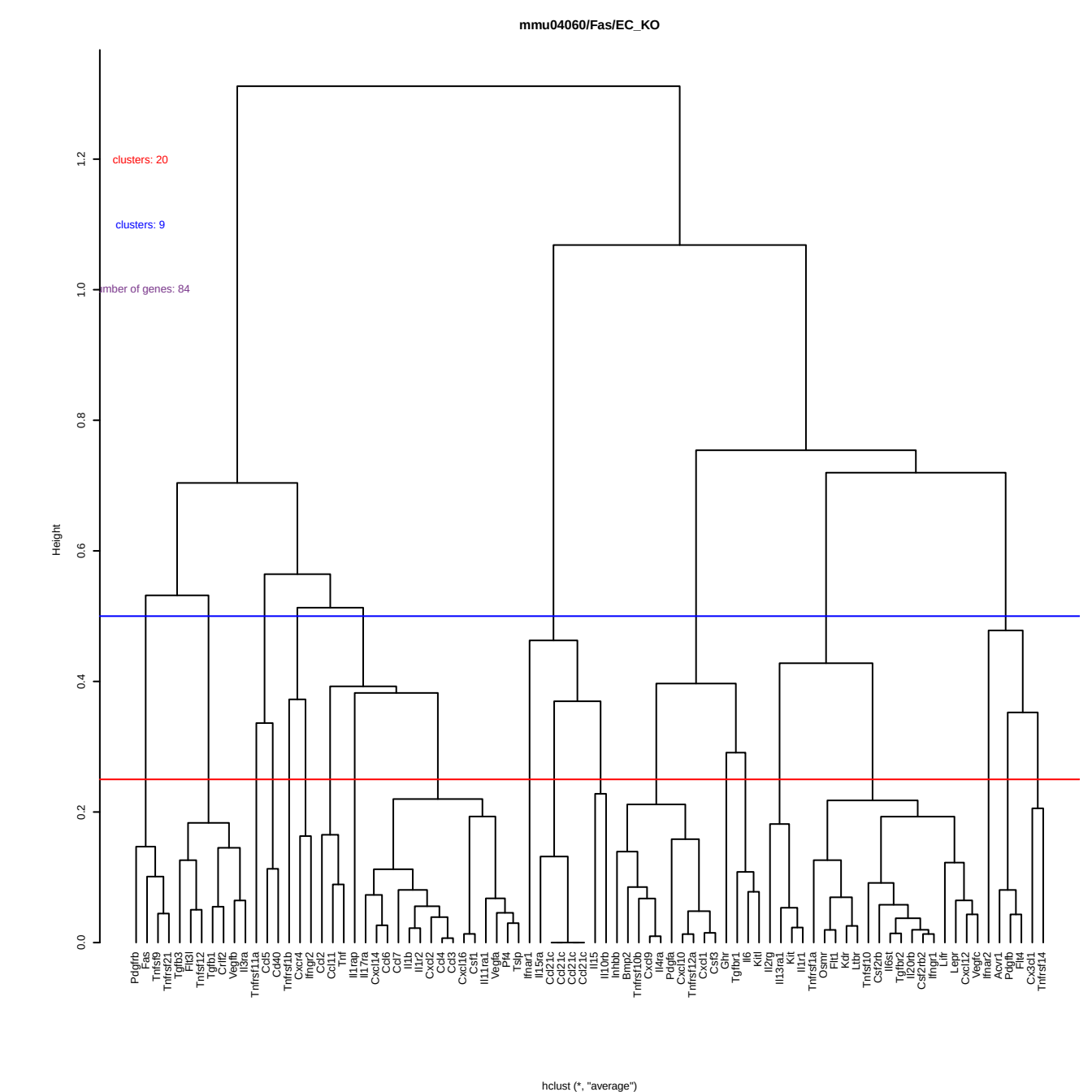

mmu04010/Fas/EC_WT
clusters: 38
clusters: 14
nber of genes: 159
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

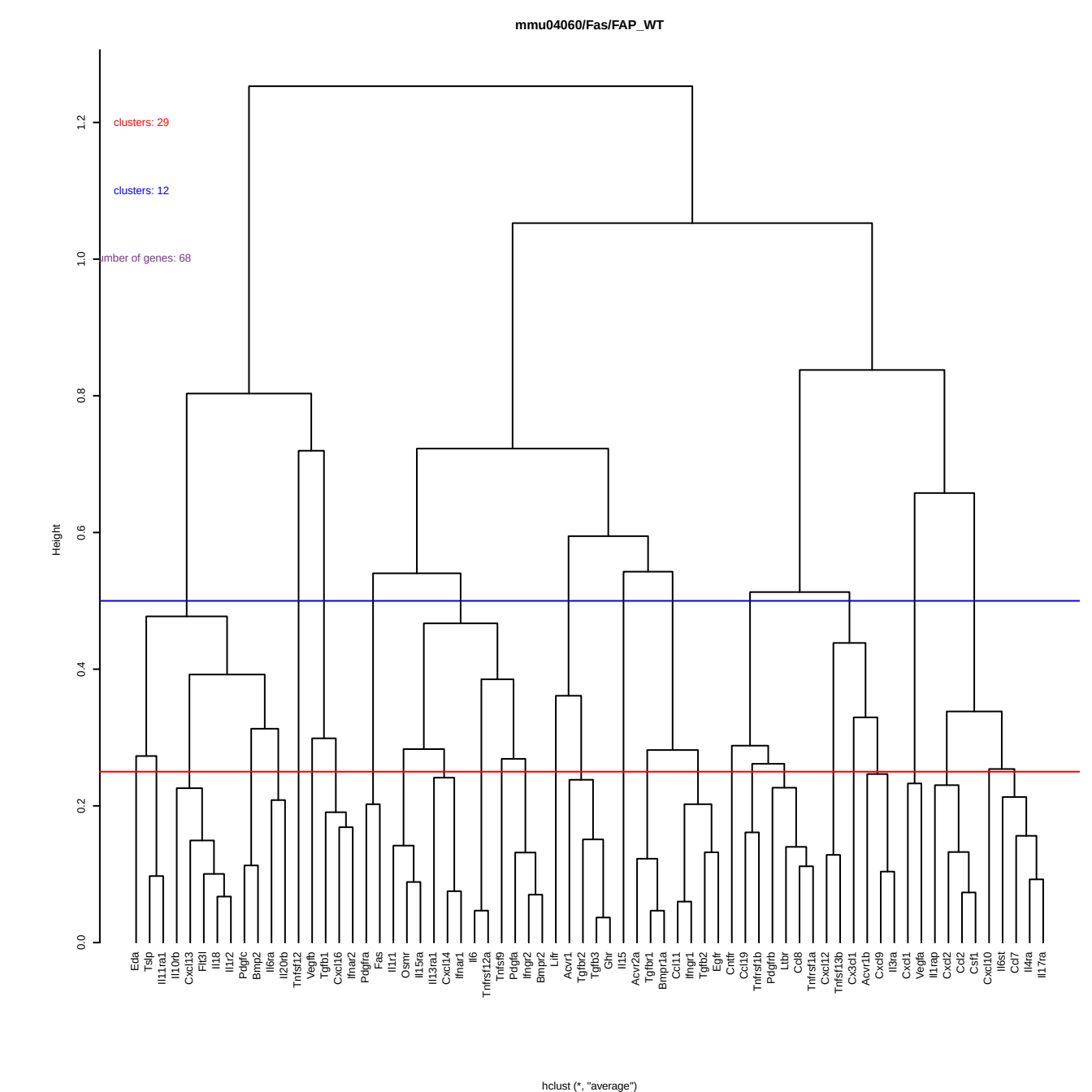

mmu04010/Fas/EC_KO
clusters: 29
clusters: 10
nber of genes: 154
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

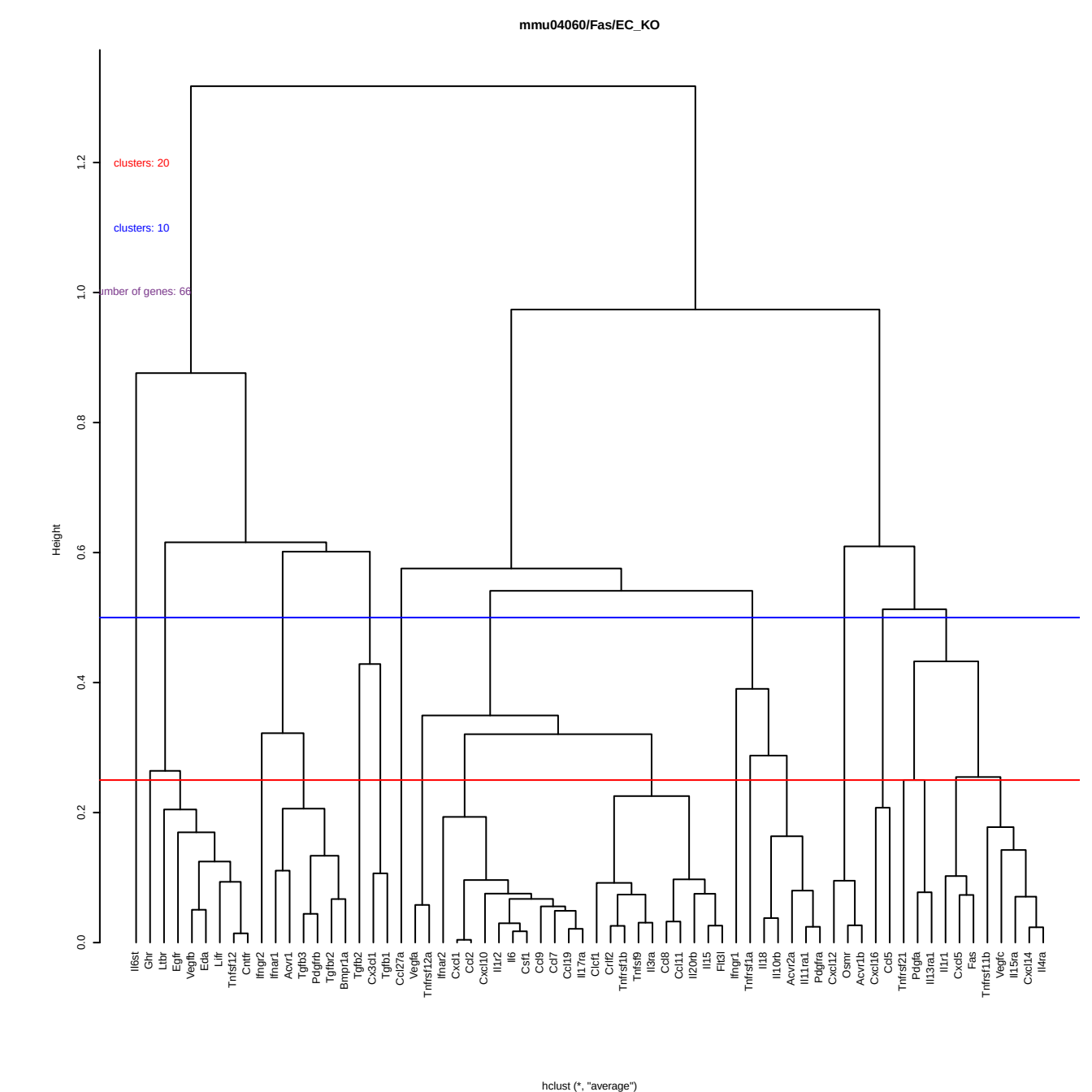

mmu04010/Fas/FAP_WT
clusters: 51
clusters: 13
nber of genes: 155
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

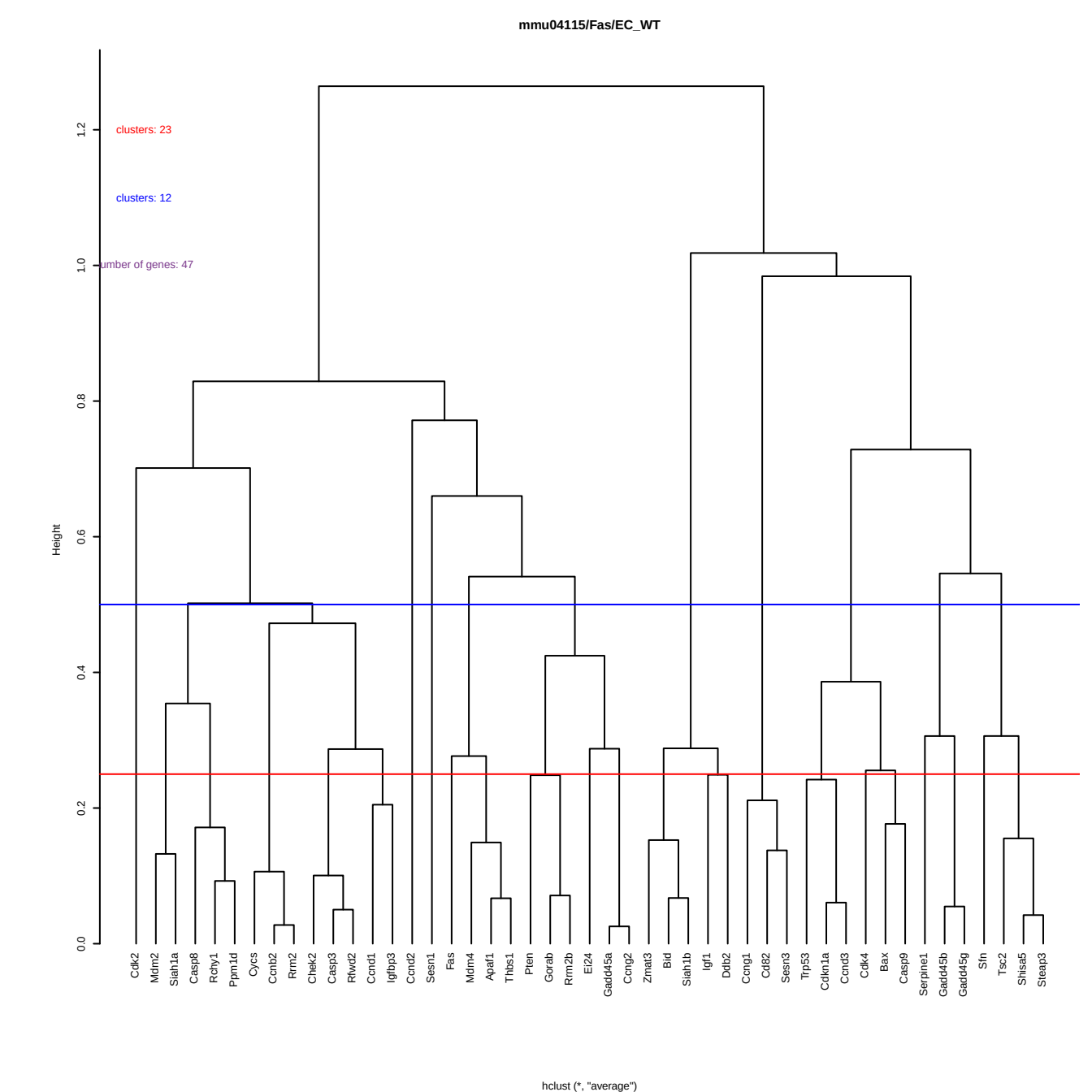

mmu04010/Fas/EC_KO
clusters: 29
clusters: 10
nber of genes: 139
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

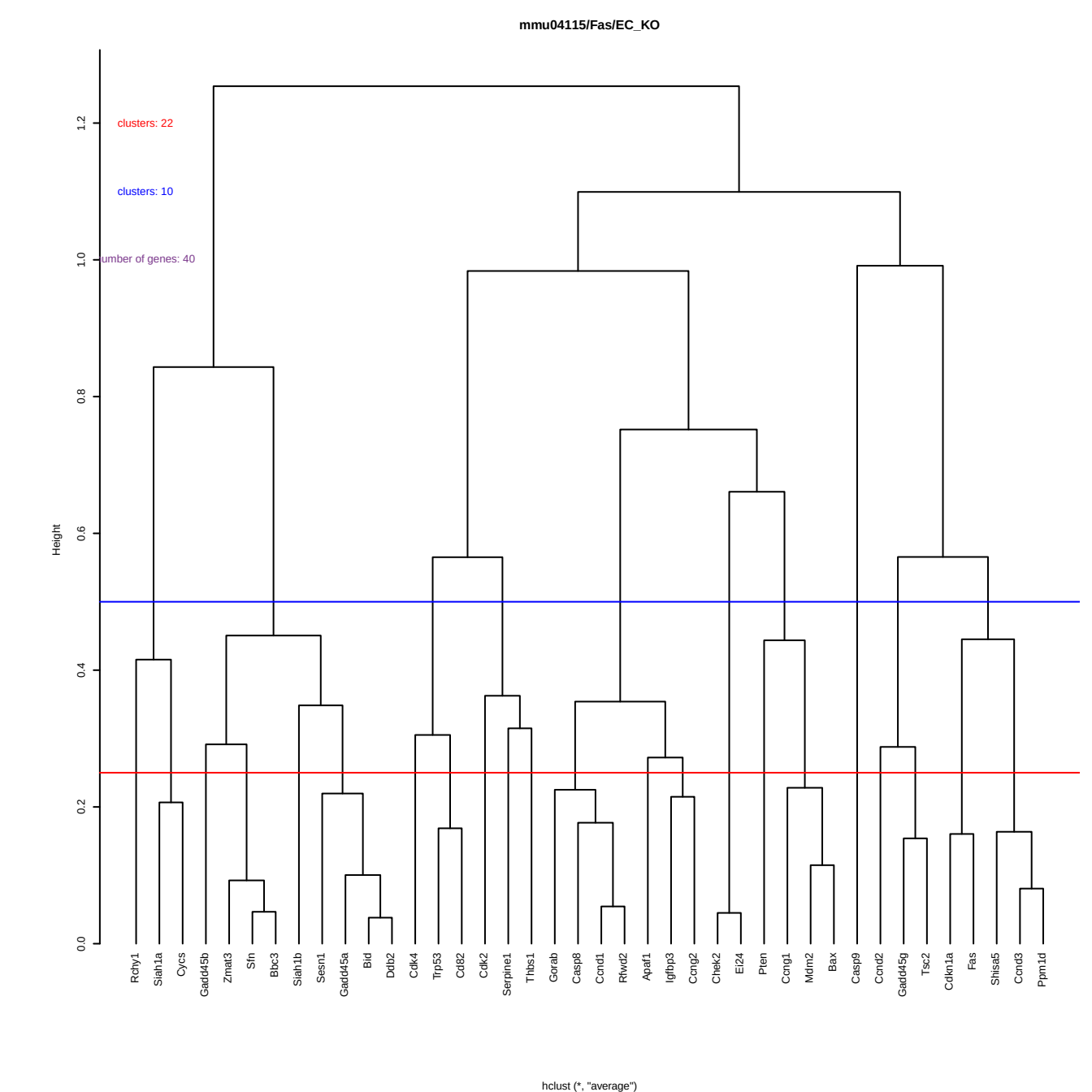

mmu04060/Fas/EC_WT
clusters: 28
clusters: 11
mber of genes: 79
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Vegfb
Cxcl14
Il2rg
Kit
Cxcl9
Tnfrsf1b
Il3ra
Crlf2
Tlr
Cd40
Tnfsf9
Ifngr2
Tnfsf12
Il4ra
Vegfa
Ccl2
Inhbb
Ccl6
Pf4
Cxcl2
Il17ra
Cxcl16
Il10ra
Acvr1
Il10rb
Tnfrsf21
Il11ra1
Tnfrsf14
Ifnar1
Ifnar2
Tgfb1
Bmp2
Il15
Tslp
Cxcr4
Tnfsf13
Ccl27a
Flt3l
Tnfrsf10b
Cxcl10
Tnfrsf12a
Flt4
Csf2rb2
Acvr1b
Pdgfa
Pdgfb
Cx3cl1
Ltbr
Il20rb
Csf2rb
Tnfrsf1a
Csf1
Il15ra
Fas
Tgfbr1
Cxcl1
Il6
Tgfb2
Ghr
Il13ra1
Eda2r
Cxcl12
Pdgfrb
Flt1
Lepr
Ifngr1
Bmpr2
Tgfb3
Kdr
Vegfc
Acvr2a
Pdgfd
Kitl
Tnfsf10
Tgfbr2
Il1r1
Lifr
Il6st
Osmr
hclust (*, "average")

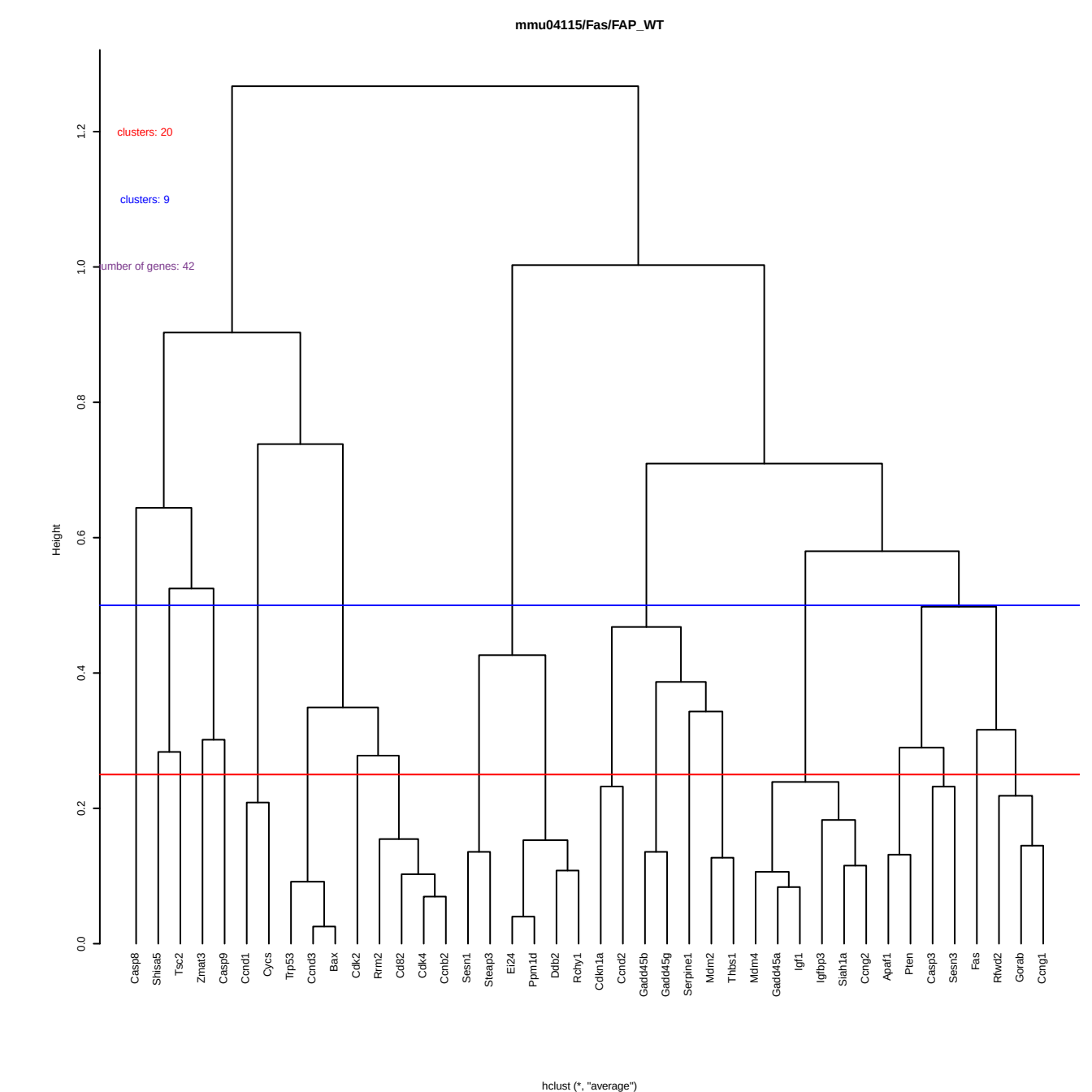

mmu04060/Fas/EC_KO
clusters: 20
clusters: 9
mber of genes: 84
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Pdgfrb
Fas
Tnfsf9
Tnfrsf21
Tgfb3
Flt3l
Tnfsf12
Tgfb1
Crlf2
Vegfb
Il3ra
Tnfrsf11a
Ccl5
Cd40
Tnfrsf1b
Cxcr4
Ifngr2
Cd2
Ccl11
Tnf
Il1rap
Il17ra
Cxcl14
Ccl6
Ccl7
Il1f7
Il1r2
Cxcl2
Ccl4
Ccl3
Cxcl16
Csf1
Il11ra1
Vegfa
Pf4
Tslp
Ifnar1
Il15ra
Ccl21c
Ccl21c
Ccl21c
Ccl21c
Il15
Il10rb
Inhbb
Bmp2
Tnfrsf10b
Cxcl9
Pdgfa
Pdgfb
Cxcl10
Tnfrsf12a
Cxcl1
Csf3
Ghr
Tgfbr1
Il6
Kitl
Il2rg
Il13ra1
Kit
Il1r1
Tnfrsf1a
Osmr
Flt1
Kdr
Ltbr
Tnfsf10
Csf2rb
Il6st
Tgfbr2
Il20rb
Csf2rb2
Ifngr1
Jak1
Lepr
Cxcl12
Vegfc
Ifnar2
Acvr1
Pdgfb
Flt4
Cx3cl1
Tnfrsf14
hclust (*, "average")

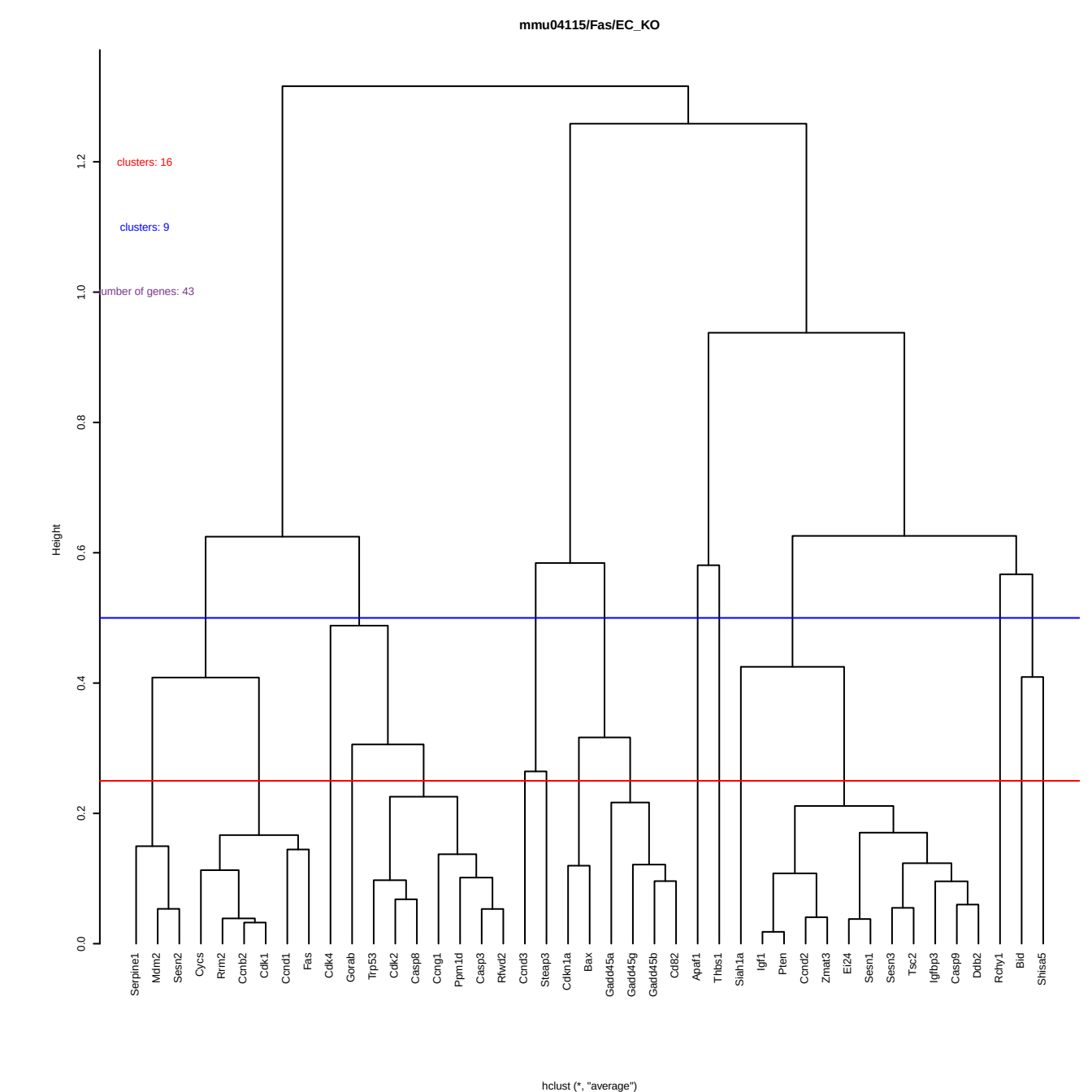

mmu04060/Fas/FAP_WT
clusters: 29
clusters: 12
mber of genes: 68
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Eda
Tslp
Il11ra1
Il10rb
Cxcl13
Flt3l
Il18
Il1r2
Pdgfc
Bmp2
Il6ra
Il20rb
Tnfsf12
Vegfb
Tgfb1
Cxcl16
Ifnar2
Pdgfra
Fas
Il1r1
Osmr
Il15ra
Il13ra1
Cxcl14
Ifnar1
Il6
Tnfrsf12a
Tnfsf9
Pdgfa
Ifngr2
Bmpr2
Lifr
Acvr1
Tgfbr2
Tgfb3
Ghr
Il15
Acvr2a
Tgfbr1
Bmpr1a
Ccl11
Ifngr1
Tgfb2
Egfr
Cntfr
Ccl19
Tnfrsf1b
Pdgfrb
Ltbr
Ccl8
Tnfrsf1a
Cxcl12
Tnfsf13b
Cx3cl1
Acvr1b
Cxcl9
Il3ra
Cxcl1
Vegfa
Il1rap
Cxcl2
Ccl2
Csf1
Cxcl10
Il6st
Ccl7
Il4ra
Il17ra
hclust (*, "average")

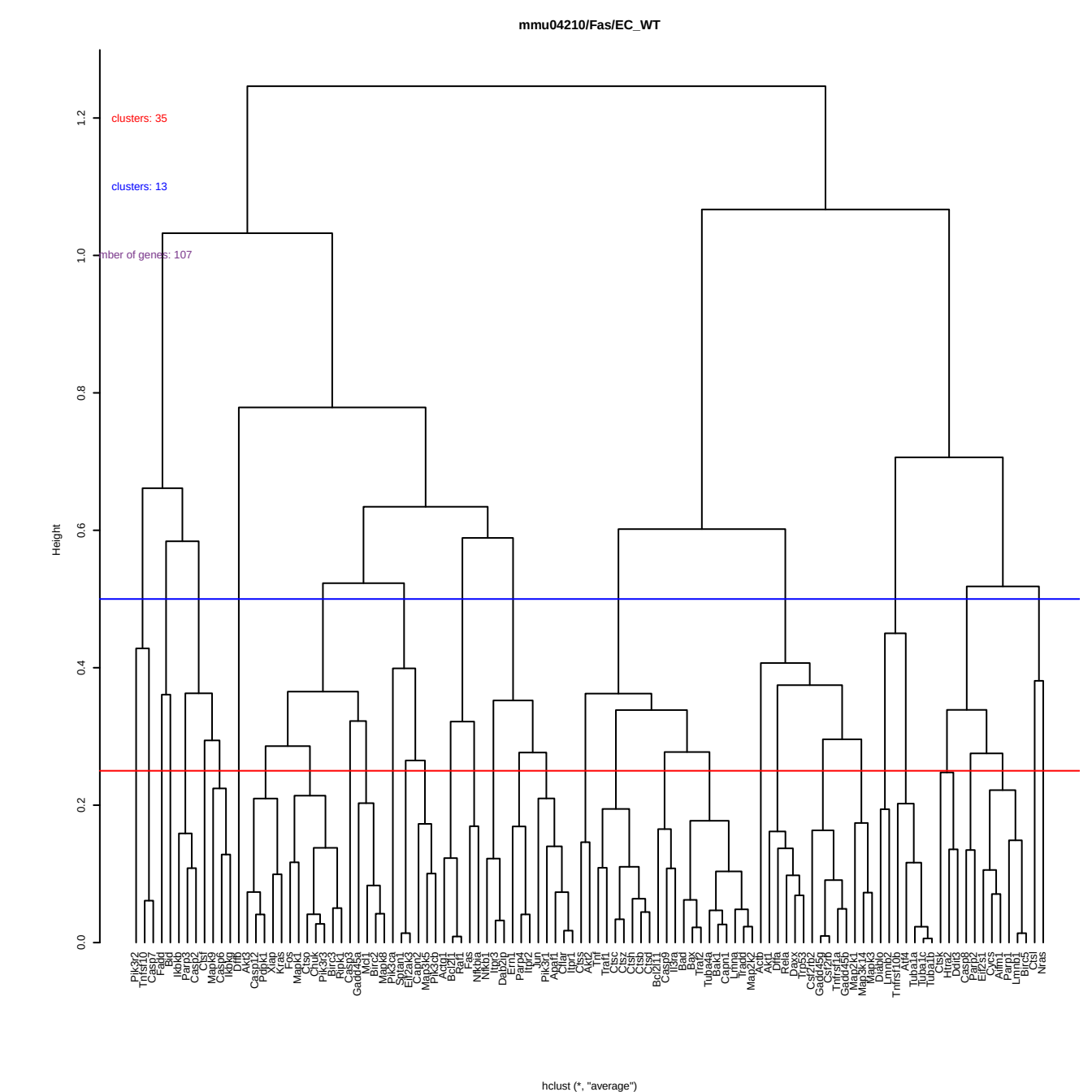

mmu04060/Fas/EC_KO
clusters: 20
clusters: 10
mber of genes: 66
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Il6st
Ghr
Ltbr
Egfr
Vegfb
Eda
Lifr
Tnfsf12
Cntfr
Ifngr2
Ifnar1
Acvr1
Tgfb3
Pdgfrb
Tgfbr2
Bmpr1a
Tgfb2
Cx3cl1
Tgfb1
Ccl27a
Vegfa
Tnfrsf12a
Ifnar2
Cxcl1
Ccl2
Cxcl10
Il1r2
Il6
Cst1
Ccl9
Ccl7
Ccl19
Il17ra
Clcf1
Crlf2
Tnfrsf1b
Tnfsf9
Il3ra
Ccl8
Ccl11
Il20rb
Il15
Flt3l
Ifngr1
Tnfrsf1a
Il18
Il10rb
Acvr2a
Il11ra1
Pdgfra
Cxcl12
Osmr
Acvr1b
Cxcl16
Ccl5
Tnfrsf21
Pdgfa
Il13ra1
Il1r1
Cxcl5
Fas
Tnfrsf11b
Vegfc
Il15ra
Cxcl14
Il4ra
hclust (*, "average")

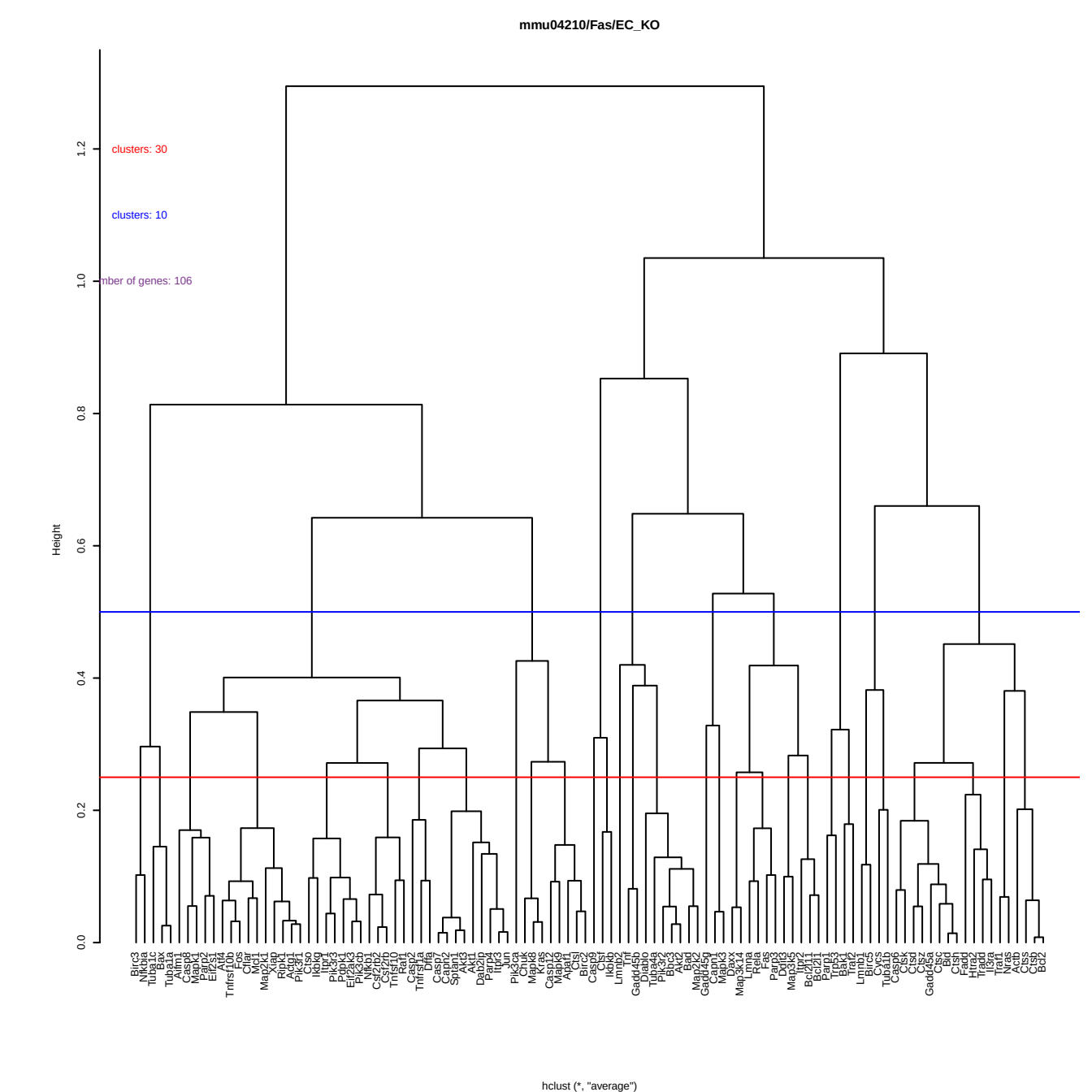

mmu04115/Fas/EC_WT
clusters: 23
clusters: 12
umber of genes: 47
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Cdk2
Mdm2
Siah1a
Casp8
Rchy1
Ppm1d
Cycs
Ccnb2
Rrm2
Chek2
Casp3
Rfwd2
Ccnd1
Igfbp3
Ccnd2
Sesn1
Fas
Mdm4
Apaf1
Thbs1
Pten
Gorab
Rrm2b
Eif24
Gadd45a
Ccng2
Zmat3
Bid
Siah1b
Igf1
Ddb2
Ccng1
Cd82
Sesn3
Trp53
Cdkn1a
Ccnd3
Cdk4
Bax
Casp9
Serpine1
Gadd45b
Gadd45g
Sfn
Tsc2
Shisa5
Steap3
hclust (*, "average")

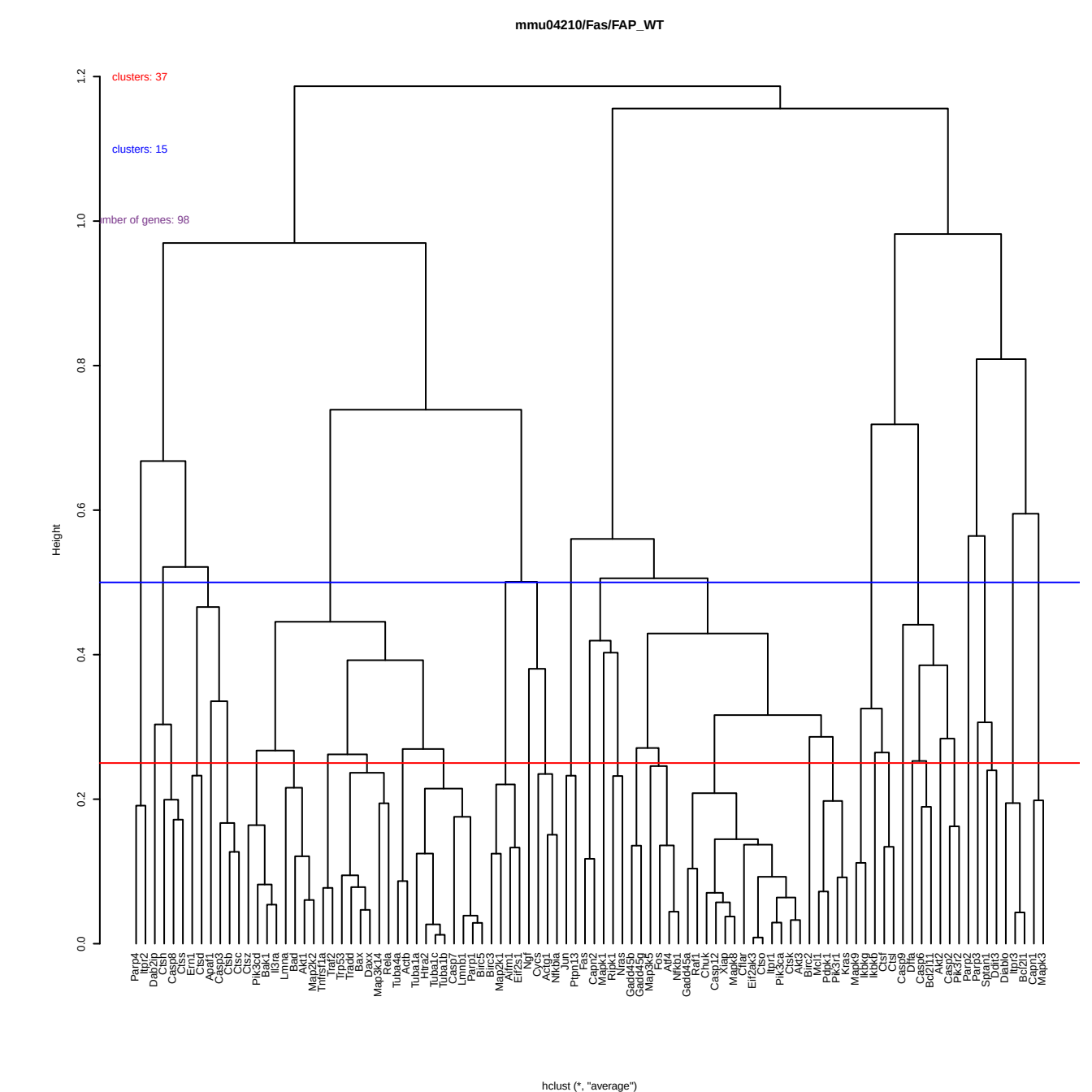

mmu04115/Fas/EC_KO
clusters: 22
clusters: 10
umber of genes: 40
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Rchy1
Siah1a
Cycs
Gadd45b
Zmat3
Sfn
Btg3
Siah1b
Sesn1
Gadd45a
Bid
Ddb2
Cdk4
Trp53
Cd82
Cdk2
Serpine1
Thbs1
Gorab
Casp8
Ccnd1
Rfwd2
Apaf1
Igfbp3
Ccng2
Chek2
Ei24
Pten
Ccng1
Mdm2
Bax
Casp9
Ccnd2
Gadd45g
Tsc2
Cdkn1a
Fas
Shisa5
Ccnd3
Ppm1d
hclust (*, "average")

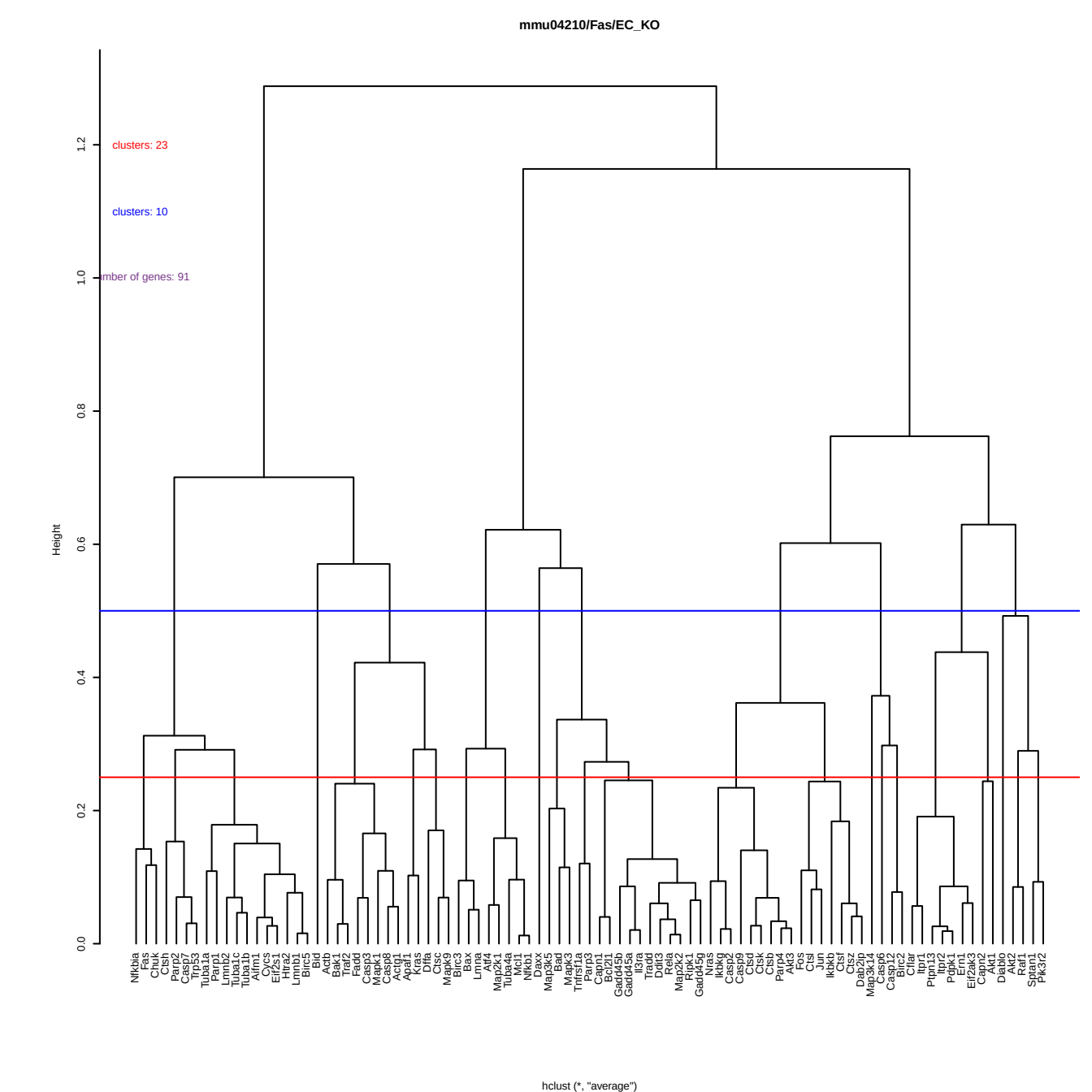

mmu04115/Fas/FAP_WT
clusters: 20
clusters: 9
umber of genes: 42
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Casp8
Shisa5
Tsc2
Zmat3
Casp9
Ccnd1
Cycs
Trp53
Ccnd3
Bax
Cdk2
Rrm2
Cd82
Cdk4
Ccnb2
Sesn1
Steap3
Ei24
Ppm1d
Ddb2
Rchy1
Cdkn1a
Ccnd2
Gadd45b
Gadd45g
Serpine1
Mdm2
Thbs1
Mdm4
Gadd45a
Igf1
Igfbp3
Siah1a
Ccng2
Apaf1
Pten
Casp3
Sesn3
Fas
Rfwd2
Gorab
Ccng1
hclust (*, "average")

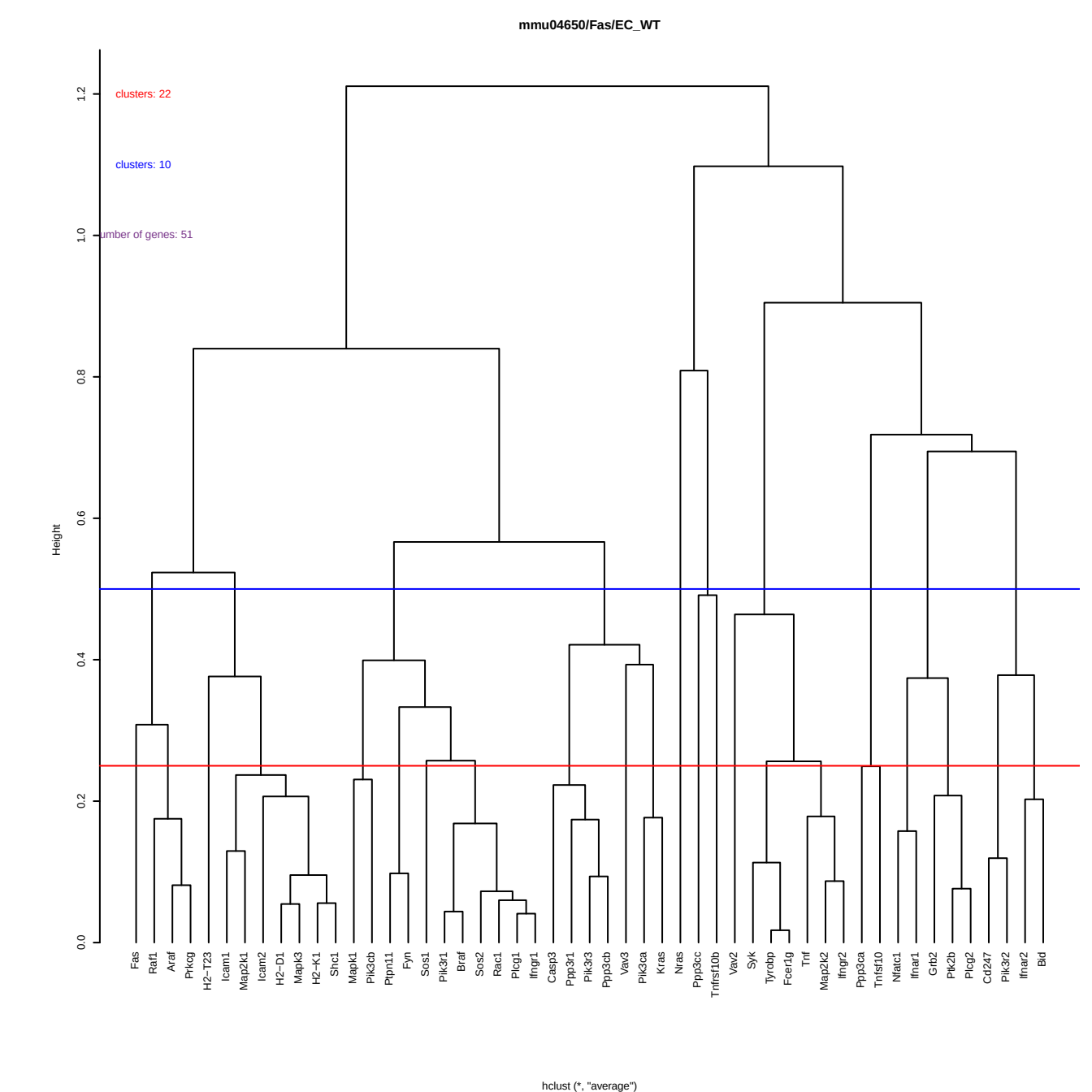

mmu04115/Fas/EC_KO
clusters: 16
clusters: 9
umber of genes: 43
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Serpine1
Mdm2
Sesn2
Cycs
Rrm2
Ccnb2
Cdk1
Ccnd1
Fas
Cdk4
Gorab
Trp53
Cdk2
Casp8
Ccng1
Ppm1d
Casp3
Rfwd2
Ccnd3
Steap3
Cdkn1a
Bax
Gadd45a
Gadd45g
Gadd45b
Cd82
Apaf1
Thbs1
Siah1a
Igf1
Pten
Ccnd2
Zmat3
Ei24
Sesn1
Sesn3
Tsc2
Igfbp3
Casp9
Ddb2
Rchy1
Bid
Shisa5
hclust (*, "average")

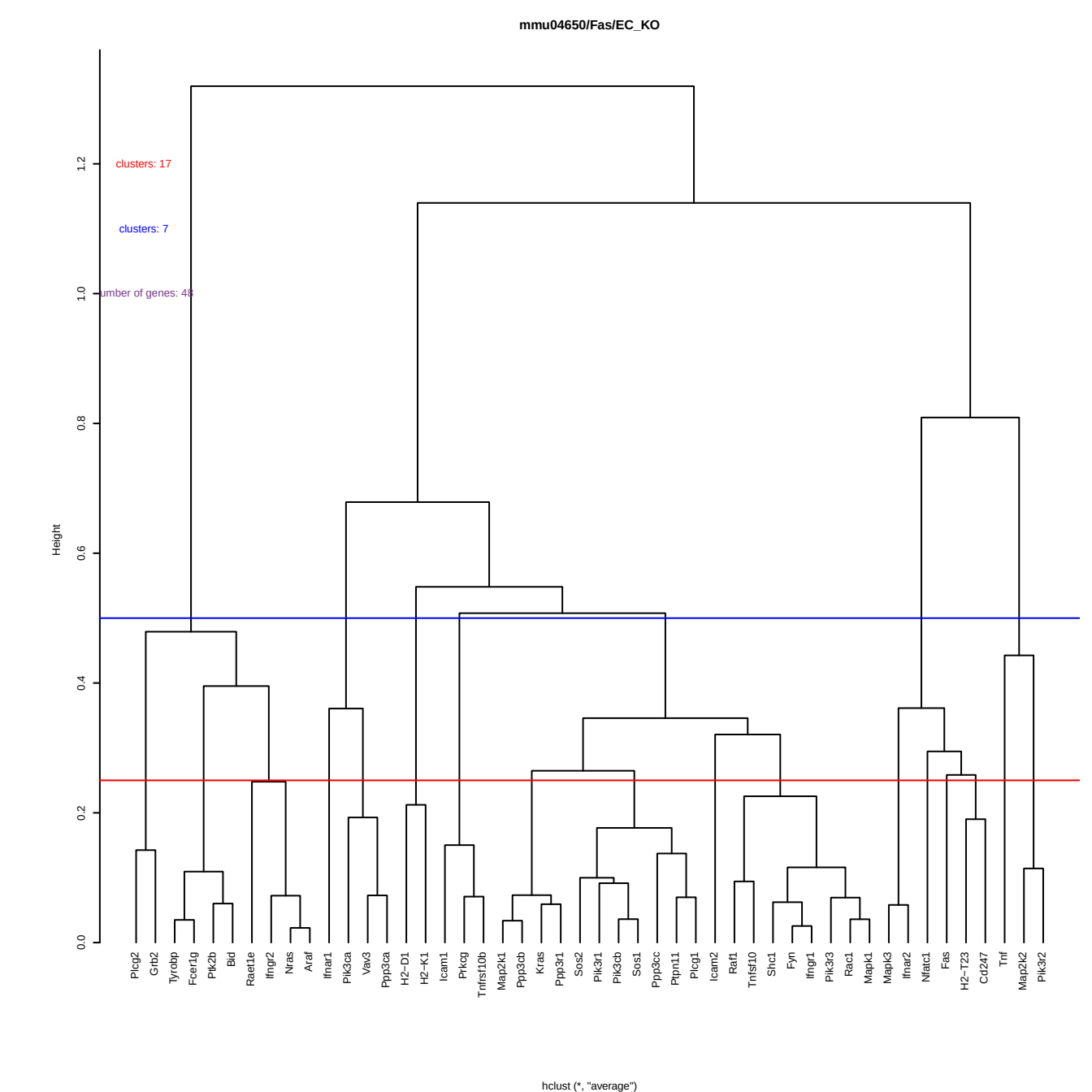

mmu04210/Fas/EC_WT
clusters: 35
clusters: 13
nber of genes: 107
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Pik3r2
Tnfsf10
Casp7
Fadd
Ikbkb
Parp3
Casp2
Casp8
Mapk9
Casp6
Ikbkg
Diablo
Akt3
Casp12
Pik3r1
Pik3r5
Kras
Fos
Mapk1
Jun
Chuk
Pik3r3
Birc3
Ripk1
Casp3
Gadd45a
Mcl1
Birc2
Mapk8
Pik3ca
Sptan1
Eif2ak2
Capn2
Map3k5
Pik3cb
Akt2
Bcl2l1
Raf1
Fas
Nfkbia
Nfkb1
Itpr3
Dab2ip
Ern1
Parp4
Itpr2
Jun
Pik3r1
Agap1
Cflar
Itpr1
Ddit3
Akt2
Tnf
Traf1
Cfl2
Ctsc
Ctsh
Ctsb
Ctsd
Bcl2l11
Casp9
Il3ra
Bax
Traf2
Tuba4a
Cam1
Lmna
Tradd
Map2k2
Akt1
Dffa
Rela
Dad1
Trp53
Csf2rb2
Gadd45b
Tnfrsf1a
Gadd45b
Mapk14
Mapk3
Diablo
Itpr2
Tnfrsf10b
Atf4
Tuba1a
Tuba1c
Tuba1b
Ctsk
Htra2
Dsn1
Casp8
Parp2
Eif2s1
Cycs
Akt3
Parp1
Lmnb1
Bcl2
Ctss
Nras
hclust (*, "average")

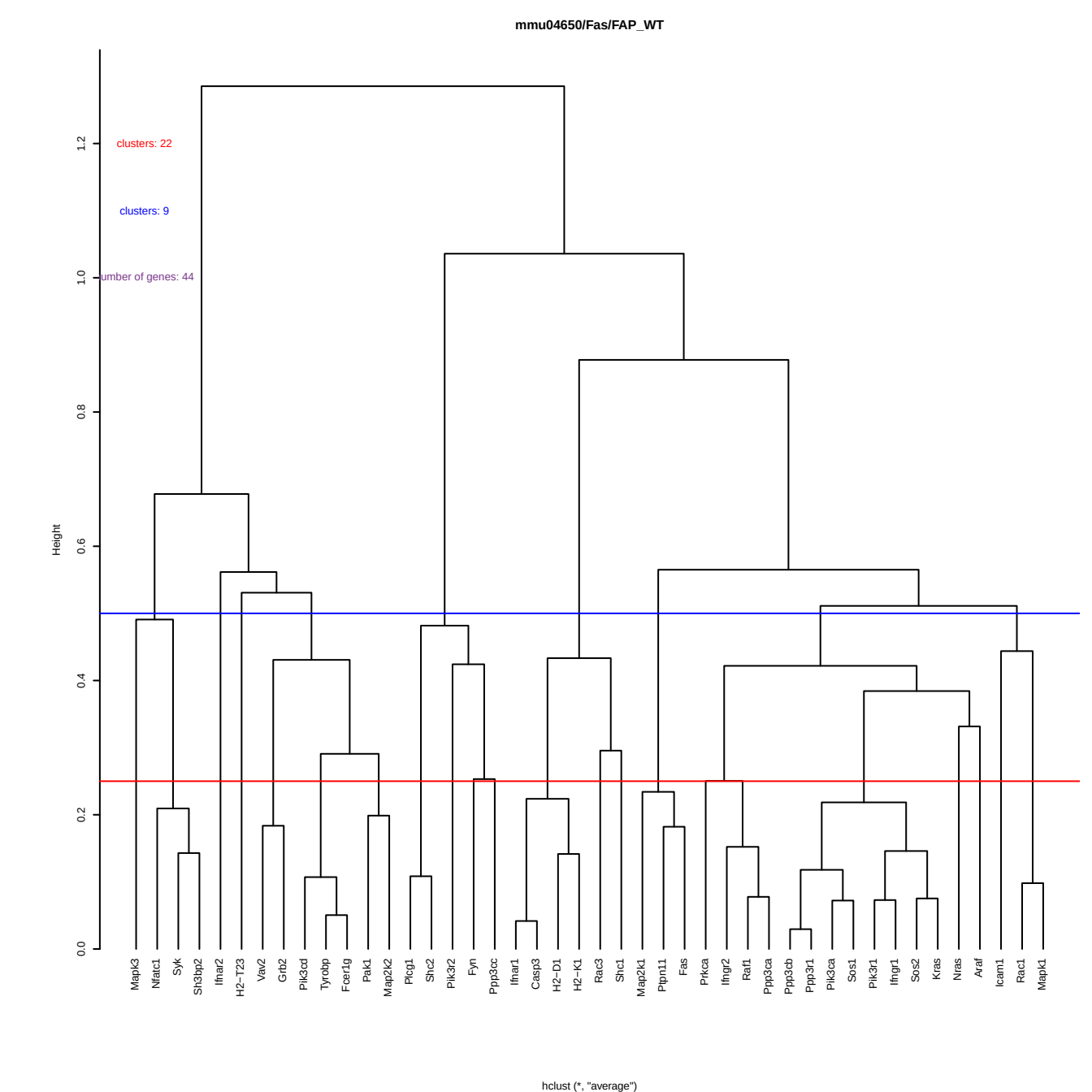

mmu04210/Fas/EC_KO
clusters: 30
clusters: 10
mber of genes: 106
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Birc3
Nfkbia
Tuba1c
Bax
Tuba1a
Alfm1
Casp8
Mapk1
Parp2
Eif2s1
Atf4
Tnfrsf10b
Fos
Cflar
Mcl1
Map2k1
Xiap
Ripk1
Actg1
Pik3r1
Ctso
Ikbkg
Itpr1
Pik3r3
Pdpk1
Eif2ak3
Pik3cb
Nfkb1
Csf2rb2
Csf2rb
Tnfsf10
Raf1
Casp2
Tnfrsf1a
Dffa
Casp7
Capn2
Sptan1
Akt3
Akt1
Dab2ip
Parp4
Itpr3
Jun
Pik3ca
Chuk
Mapk8
Kras
Casp12
Mapk9
Apaf1
Ctsl
Birc2
Casp9
Ctsf
Ikbkb
Lmnb2
Tnf
Gadd45b
Diablo
Tuba4a
Pik3r2
Bbc3
Akt2
Bad
Map2k2
Gadd45g
Capn1
Mapk3
Daxx
Map3k14
Lmna
Rela
Fas
Parp3
Ddit3
Map3k5
Itpr2
Bcl2l11
Bcl2l1
Parp1
Trp53
Bak1
Traf2
Lmnb1
Birc5
Cycs
Tuba1b
Casp6
Ctsk
Ctsd
Ctsz
Gadd45a
Ctsc
Bid
Ctsh
Fadd
Htra2
Tradd
Il3ra
Traf1
Nras
Actb
Ctss
Ctsb
Bcl2
hclust (*, "average")

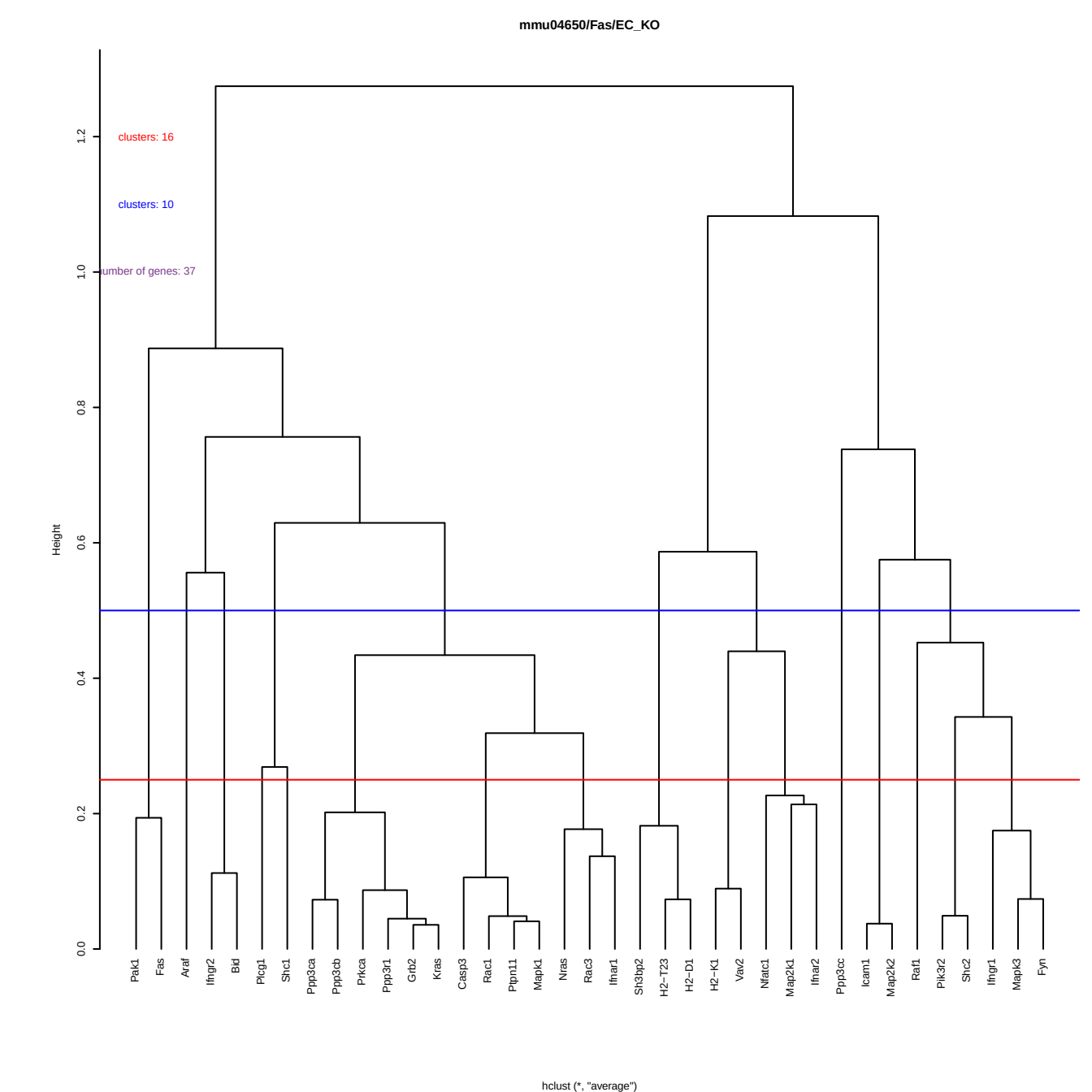

mmu04210/Fas/FAP_WT
clusters: 37
clusters: 15
mber of genes: 98
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Parp4
Itpr2
Dab2ip
Ctsh
Casp8
Cfl1
Ern1
Ctsd
Apaf1
Casp3
Ctsb
Ctsc
Ctsz
Pik3cd
Bak1
Il3ra
Lmna
Bad
Akt1
Map2k2
Tnfsf11a
Trat2
Tnfrsf1a
Tradd
Bax
Daxx
Map3k14
Rela
Tuba4a
Actb
Tuba1a
Htra2
Tuba1c
Tuba1b
Casp7
Lmnb1
Parp1
Birc5
Bid
Map2k1
Alpm1
Eif2s1
Ngf
Cycs
Arhgdia
Nfkbia
Jun
Ptpn13
Fas
Capn2
Map3k1
Ripk1
Nras
Gadd45b
Gadd45g
Map3k5
Atf4
Nfkb1
Gadd45a
Raf1
Cflar
Casp12
Xiap
Mapk8
Cflar
Eif2ak3
Ctsl
Itpr1
Pik3ca
Ctsk
Akt3
Birc2
Mcl1
Pdpk1
Pik3r1
Kras
Mapk9
Map2k4
Ikbkb
Ctsf
Ctsl
Casp9
Fadd
Casp10
Bcl2l11
Akt2
Casp2
Pik3r2
Parp2
Parp6
Sptan1
Ddit3
Diablo
Itpr3
Birc3
Capn1
Mapk3
hclust (*, "average")

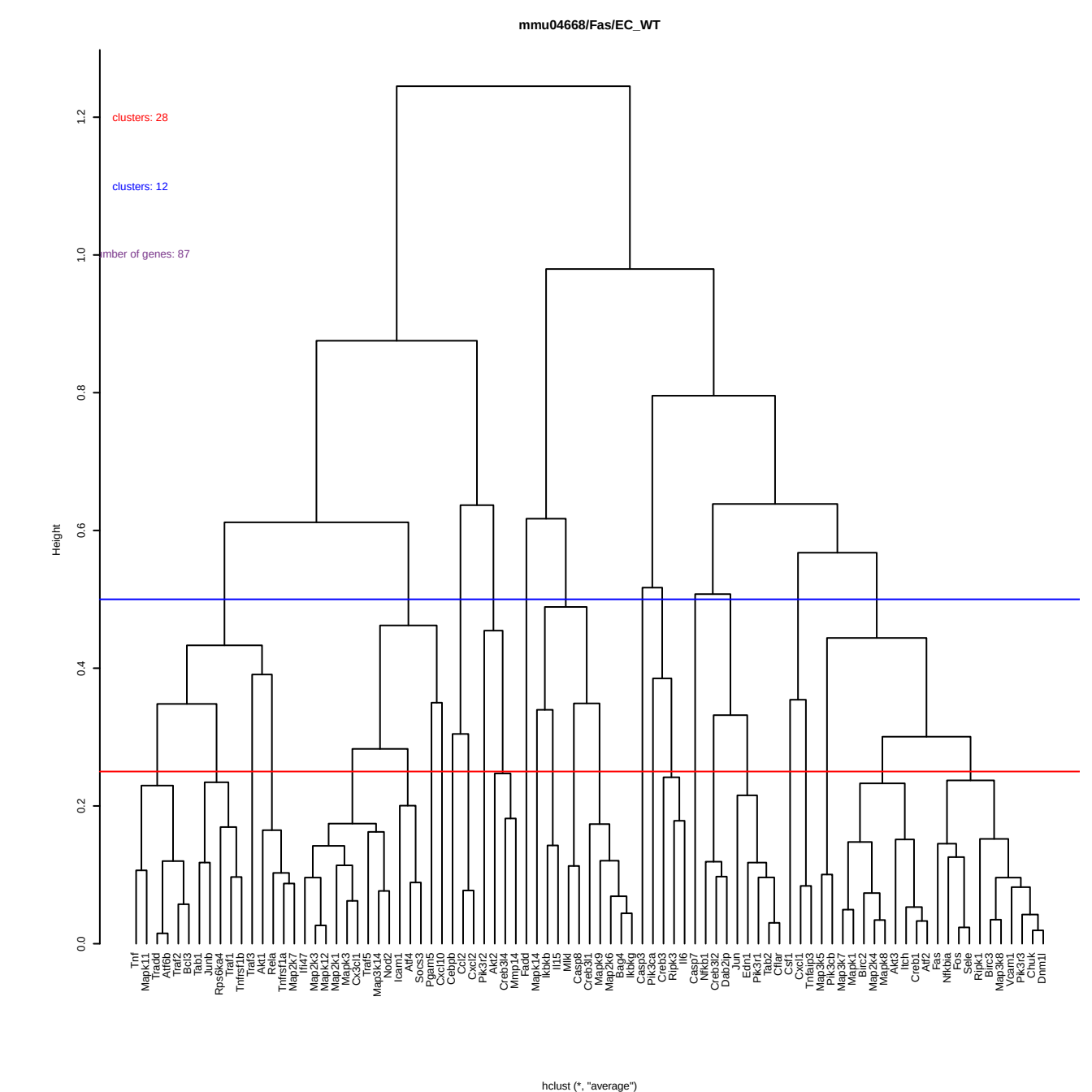

mmu04210/Fas/EC_KO
clusters: 23
clusters: 10
mber of genes: 91
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Nfkbia
Fas
Chuk
Ctsh
Parp2
Casp7
Trp53
Tuba1a
Parp1
Lmnb2
Tuba1c
Tuba1b
Aifm1
Cycs
Eif2s1
Hira2
Lmnb1
Birc5
Bid
Actb
Bak1
Traf2
Fadd
Casp3
Mapk1
Casp8
Actg1
Apaf1
Kras
Dffa
Ctsc
Mapk9
Birc3
Bax
Lmna
Atf4
Map2k1
Tuba4a
Mcl1
Nfkb1
Daxx
Map3k5
Bad
Map2k3
Tnfrsf1a
Parp3
Capn1
Bcl2l1
Gadd45b
Gadd45a
Il3ra
Traf2
Dnase1
Rela
Map2k2
Ripk1
Gadd45g
Nras
Ikbkg
Casp2
Casp9
Ctsk
Ctsk
Ctsb
Parp4
Akt3
Fos
Ctsl
Jun
Ikbkb
Ctsl
Ctsz
Dab2ip
Map3k14
Casp6
Casp12
Birc2
Cflar
Irf1
Ptpn13
Itpr2
Pdpk1
Ern1
Eif2ak3
Capn2
Akt1
Dabip
Akt2
Raf1
Sptan1
Pik3r2
hclust (*, "average")

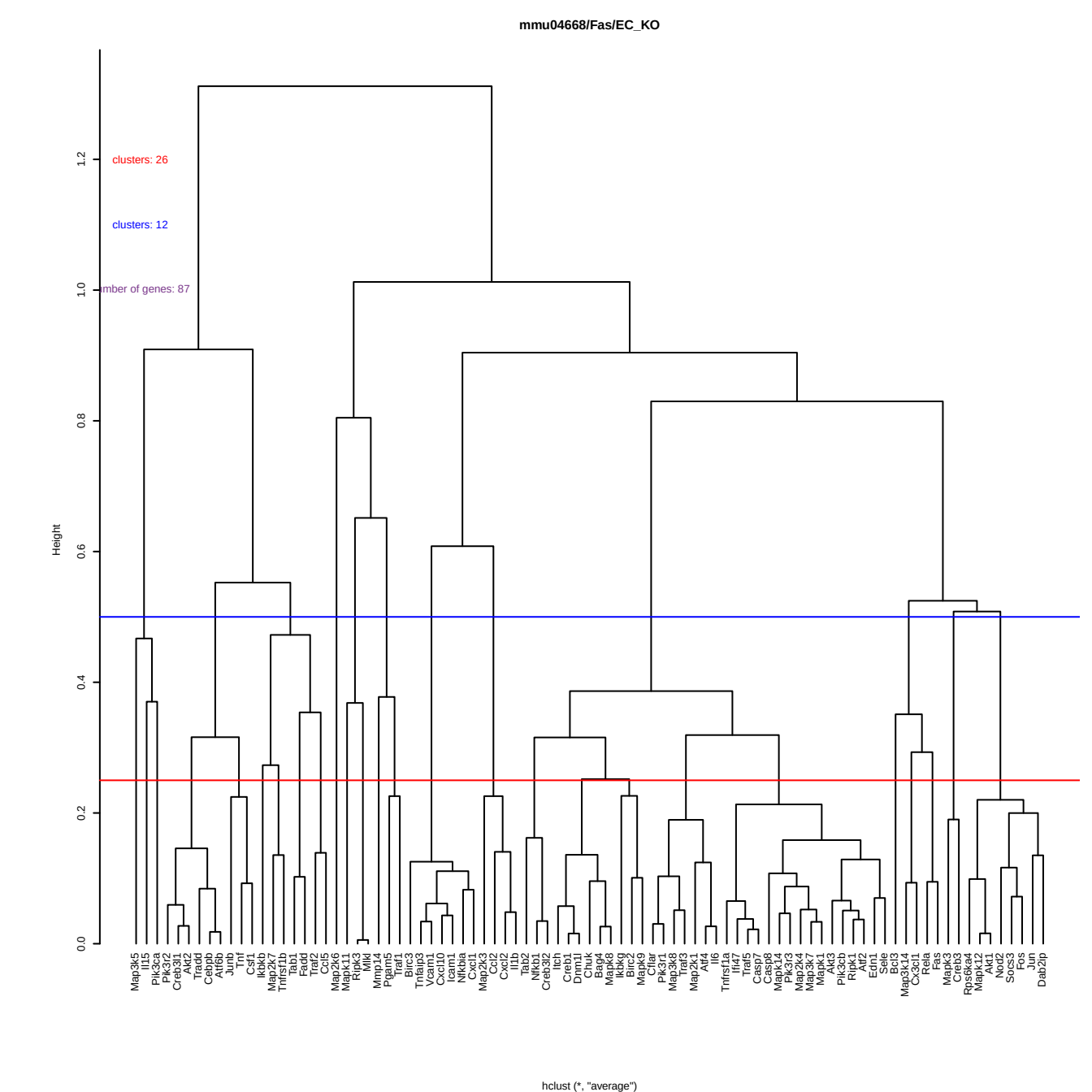

mmu04650/Fas/EC_WT
clusters: 22
clusters: 10
umber of genes: 51
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Fas
Raf1
Araf
Prkcg
H2−T23
Icam1
Map2k1
Icam2
H2−D1
Mapk3
H2−K1
Shc1
Mapk1
Pik3cb
Ptpn11
Fyn
Sos1
Pik3r1
Braf
Sos2
Rac1
Plcg1
Ifngr1
Casp3
Ppp3r1
Pik3r3
Ppp3cb
Vav3
Pik3ca
Kras
Nras
Ppp3cc
Tnfrsf10b
Vav2
Syk
Tyrobp
Fcer1g
Tnf
Map2k2
Ifngr2
Ppp3ca
Tnfsf10
Nfatc1
Ifnar1
Grb2
Ptk2b
Plcg2
Cd247
Pik3r2
Ifnar2
Bid
hclust (*, "average")

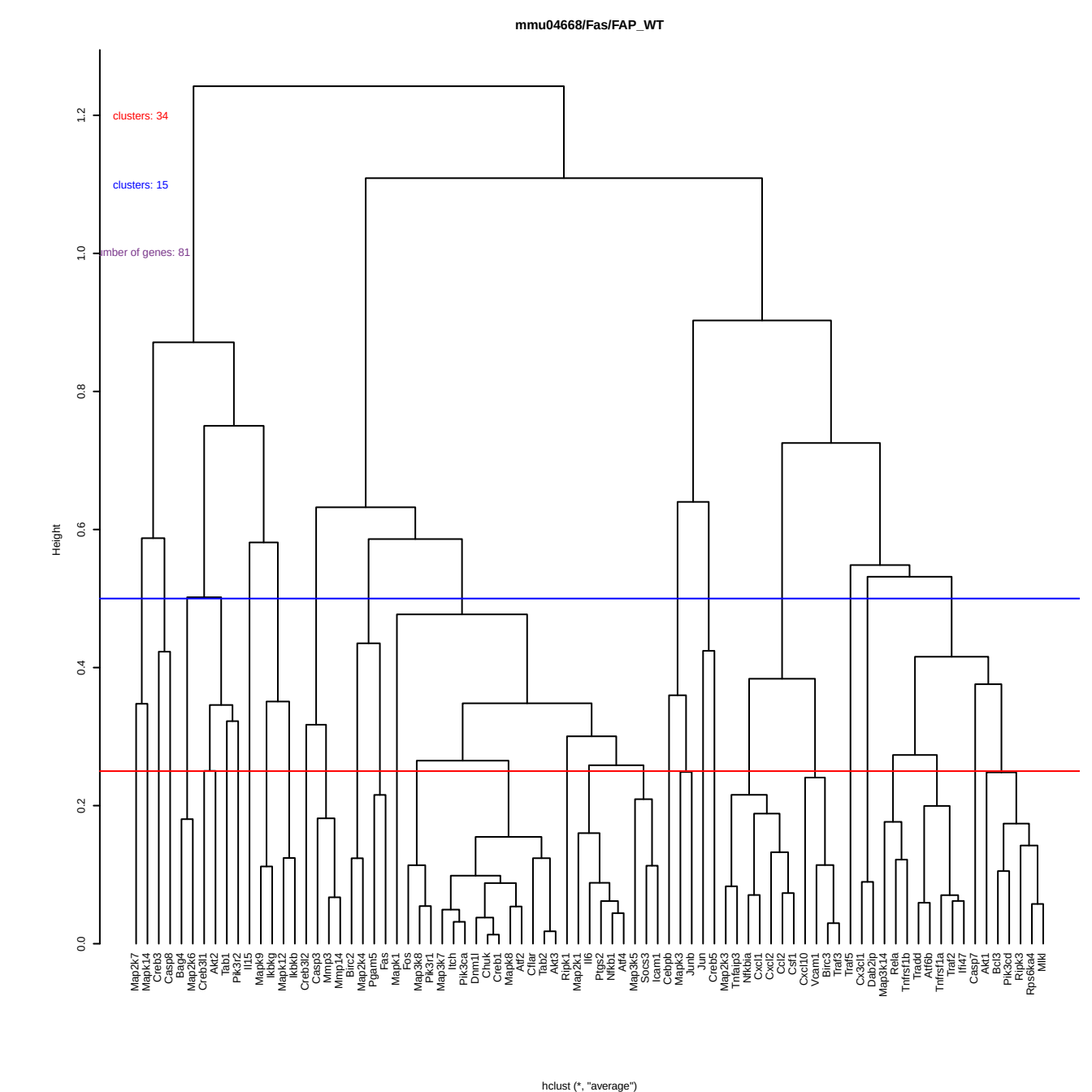

mmu04650/Fas/EC_KO
clusters: 17
clusters: 7
umber of genes: 48
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Plcg2
Grb2
Tyrobp
Fcer1g
Ptk2b
Bid
Rae1e
Ifngr2
Nras
Araf
Ifnar1
Pik3ca
Vav3
Ppp3ca
H2−D1
H2−K1
Icam1
Prkcg
Tnfrsf10b
Map2k1
Ppp3cb
Kras
Ppp3r1
Sos2
Pik3r1
Pik3cb
Sos1
Ppp3cc
Ptpn11
Plcg1
Icam2
Raf1
Tnfsf10
Shc1
Fyn
Ifngr1
Pik3r3
Rac1
Mapk1
Mapk3
Ifnar2
Nfatc1
Fas
H2−T23
Cd247
Tnf
Map2k2
Pik3r2
hclust (*, "average")

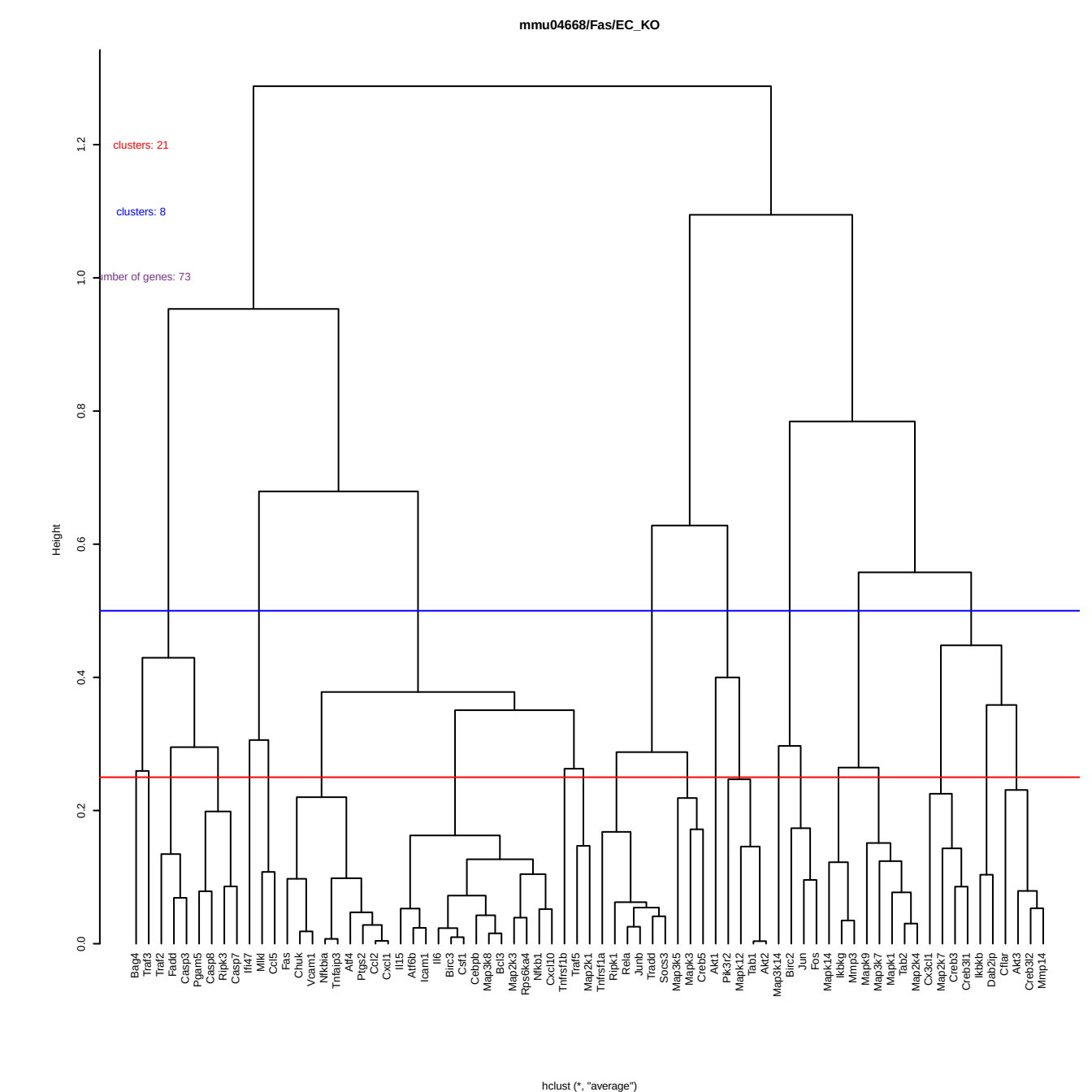

mmu04650/Fas/FAP_WT
clusters: 22
clusters: 9
umber of genes: 44
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Mapk3
Nfatc1
Syk
Sh3bp2
Ifnar2
H2−T23
Vav2
Grb2
Pik3cd
Tyrobp
Fcer1g
Pak1
Map2k2
Plcg1
Shc2
Pik3r2
Fyn
Ppp3cc
Ifnar1
Casp3
H2−D1
H2−K1
Rac3
Shc1
Map2k1
Ptpn11
Fas
Prkca
Ifngr2
Raf1
Ppp3ca
Ppp3cb
Ppp3r1
Pik3ca
Sos1
Pik3r1
Ifngr1
Sos2
Kras
Nras
Araf
Icam1
Rac1
Mapk1
hclust (*, "average")

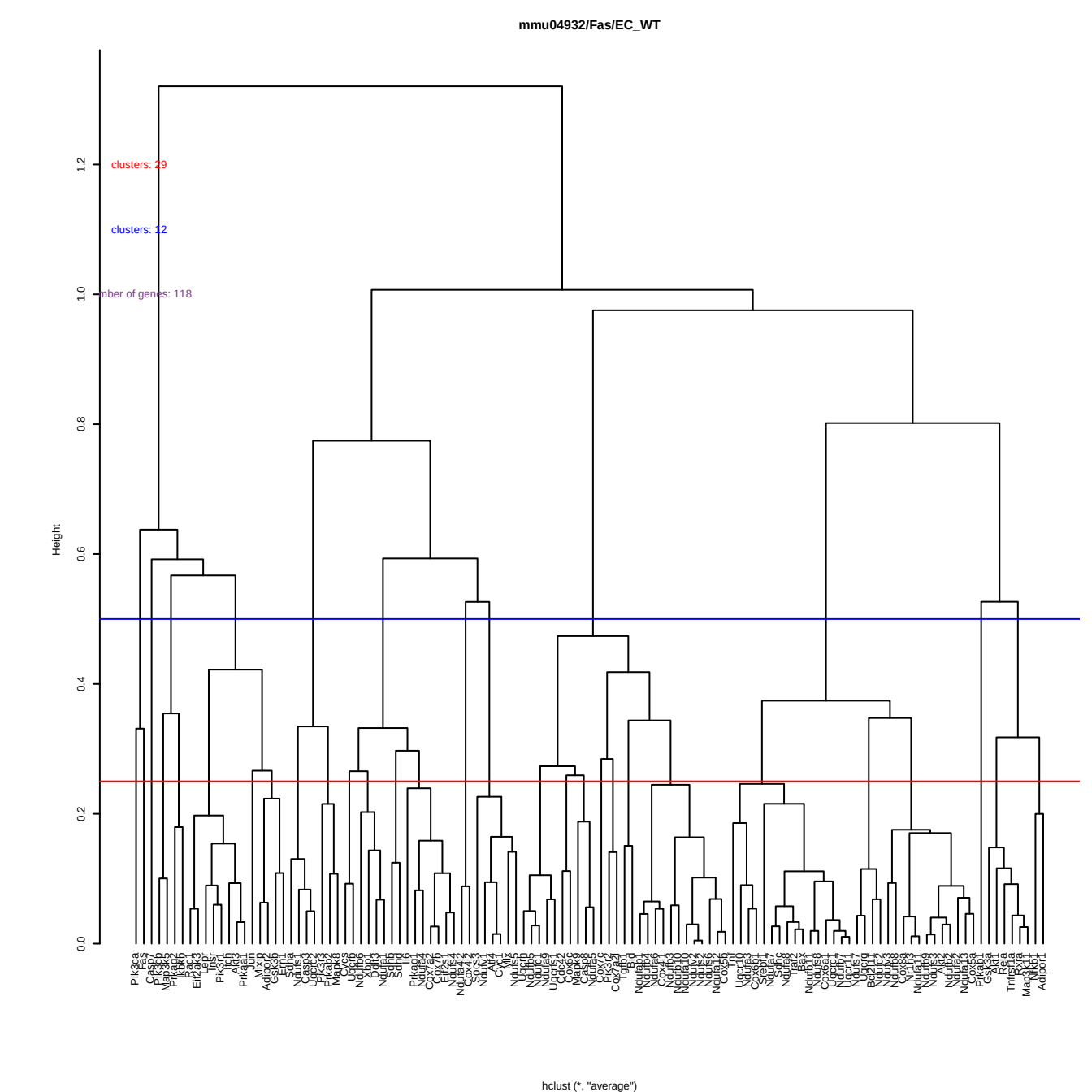

mmu04650/Fas/EC_KO
clusters: 16
clusters: 10
number of genes: 37
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Pak1
Fas
Araf
Ifngr2
Bid
Plcg1
Shc1
Ppp3ca
Ppp3cb
Prkca
Ppp3r1
Grb2
Kras
Casp3
Rac1
Ptpn11
Mapk1
Nras
Rac3
Ifnar1
Sh3bp2
H2−T23
H2−D1
H2−K1
Vav2
Nfatc1
Map2k1
Ifnar2
Ppp3cc
Icam1
Map2k2
Raf1
Pik3r2
Shc2
Ifngr1
Mapk3
Fyn
hclust (*, "average")

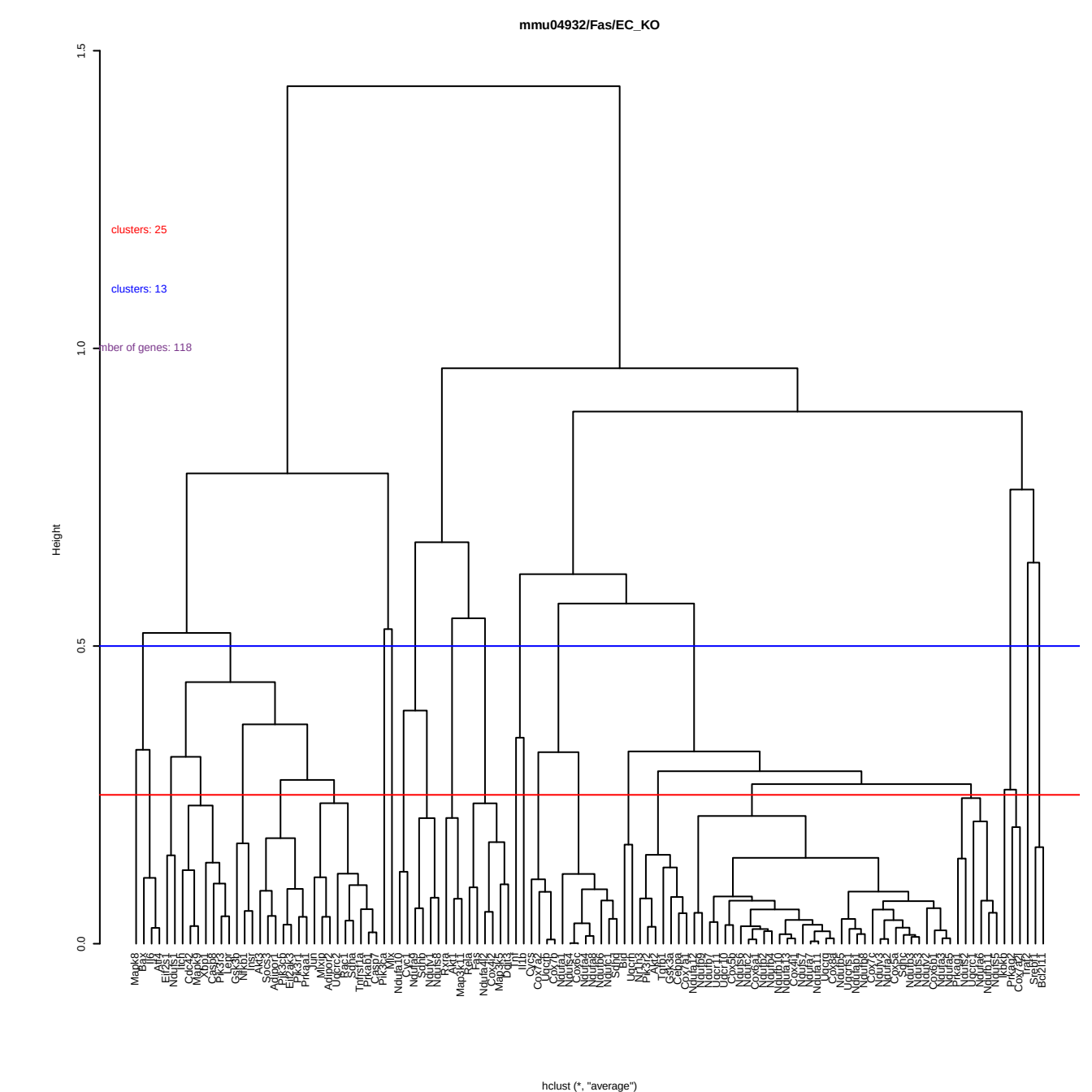

mmu04668/Fas/EC_WT
clusters: 28
clusters: 12
mber of genes: 87
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Tnf
Mapk11
Tradd
Atf6b
Traf2
Bcl3
Tab1
Junb
Rps6ka4
Traf1
Tnfrsf1b
Traf3
Akt1
Rela
Tnfrsf1a
Map2k7
Ifit47
Map2k3
Mapk12
Map2k1
Mapk3
Cx3cl1
Traf5
Map3k14
Nod2
Icam1
Akt3
Socs5
Pgam5
Cxcl10
Cebpb
Ccl2
Cxcl2
Pik3r2
Akt2
Creb3l4
Mmp14
Fadd
Mapk14
Kdr
Il15
Mlkl
Casp8
Creb3l1
Mapk9
Map2k6
Bag4
Ikbkg
Casp3
Pik3ca
Creb3
Ripk3
Il6
Casp7
Nfkb1
Creb3l2
Dab2ip
Jun
Edn1
Pik3r1
Tab2
Cflar
Csf1
Cxcl1
Tnfaip3
Map3k5
Pik3cb
Map3k7
Mapk7
Birc2
Map2k4
Mapk8
Akt3
Itch
Creb1
Atf2
Fas
Nfkbia
Fos
Sele
Ripk1
Birc3
Map3k8
Vcam1
Pik3r3
Chuk
Dnm1l
hclust (*, "average")

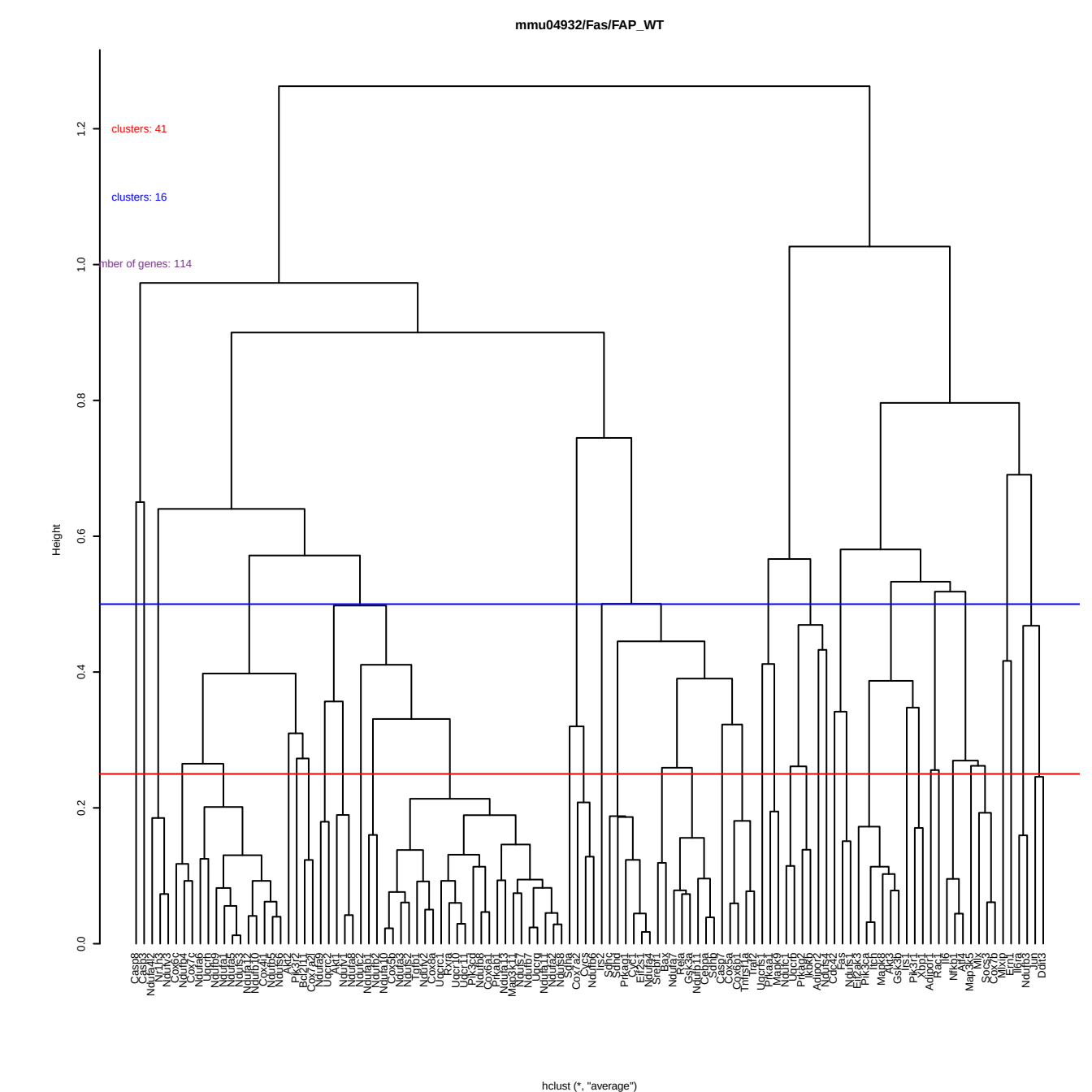

mmu04668/Fas/EC_KO
clusters: 26
clusters: 12
mber of genes: 87
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Map3k5
Il15
Pik3ca
Pik3r2
Creb3l1
Akt2
Tradd
Cebpb
Atf6b
Junb
Tnf
Csf1
Ikbkb
Map2k7
Tnfrsf1b
Tab1
Fadd
Traf2
Ccl5
Map2k6
Mapk11
Ripk3
Mlkl
Mmp14
Ptgs2
Traf1
Birc3
Tnfaip3
Vcam1
Cxcl10
Icam1
Nfkbia
Cxcl1
Map2k3
Ccl2
Cxcl2
Il1b
Tab2
Nfkb1
Creb3l2
Jun
Creb1
Dnm1l
Chuk
Bag4
Mapk8
Ikbkg
Birc2
Mapk9
Cflar
Pik3r1
Map3k8
Traf3
Map2k1
Atf4
Il6
Tnfrsf1a
Ifi47
Traf5
Casp7
Casp8
Mapk14
Pik3r3
Map2k4
Map3k7
Mapk1
Akt3
Pik3cb
Ripk1
Atf2
Edn1
Sele
Bcl3
Map3k14
Cx3cl1
Rela
Fas
Mapk3
Creb3
Rps6ka4
Mapk12
Akt1
Nod2
Socs3
Fos
Jun
Dab2ip
hclust (*, "average")

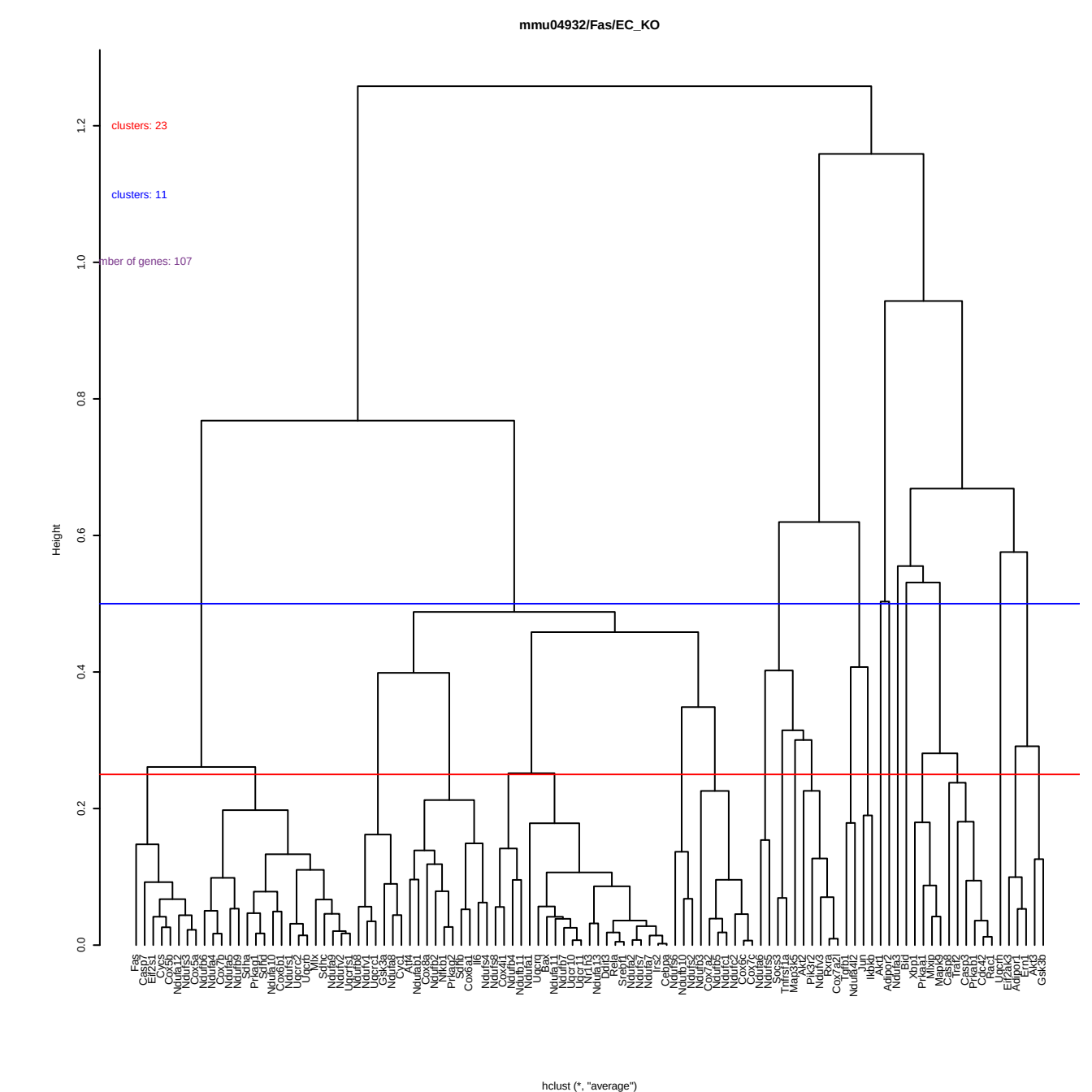

mmu04668/Fas/FAP_WT
clusters: 34
clusters: 15
mber of genes: 81
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Map2k7
Mapk14
Creb3
Casp8
Bag4
Map2k6
Creb3l1
Akt2
Tab1
Pik3r2
Il15
Mapk9
Ikbkg
Mapk12
Ikbkb
Creb3l2
Casp3
Mmp3
Mmp14
Birc2
Map2k4
Pgam5
Fas
Mapk1
Fos
Map3k8
Pik3r1
Map3k7
Itch
Pik3ca
Dnm1l
Chuk
Creb1
Mapk8
Atf2
Cflar
Tab2
Akt3
Ripk1
Map2k1
Il6
Ptgs2
Nfkb1
Atf4
Map3k5
Socs3
Icam1
Cebpb
Mapk3
Junb
Jun
Creb5
Map2k3
Tnfaip3
Nfkbia
Cxcl1
Cxcl2
Ccl2
Csf1
Cxcl10
Vcam1
Birc3
Traf3
Traf5
Cx3cl1
Dab2ip
Map3k14
Rela
Tnfrsf1b
Tradd
Atf6b
Tnfrsf1a
Traf2
Ifi47
Casp7
Akt1
Bcl3
Pik3cd
Ripk3
Rps6ka4
Mlkl
hclust (*, "average")

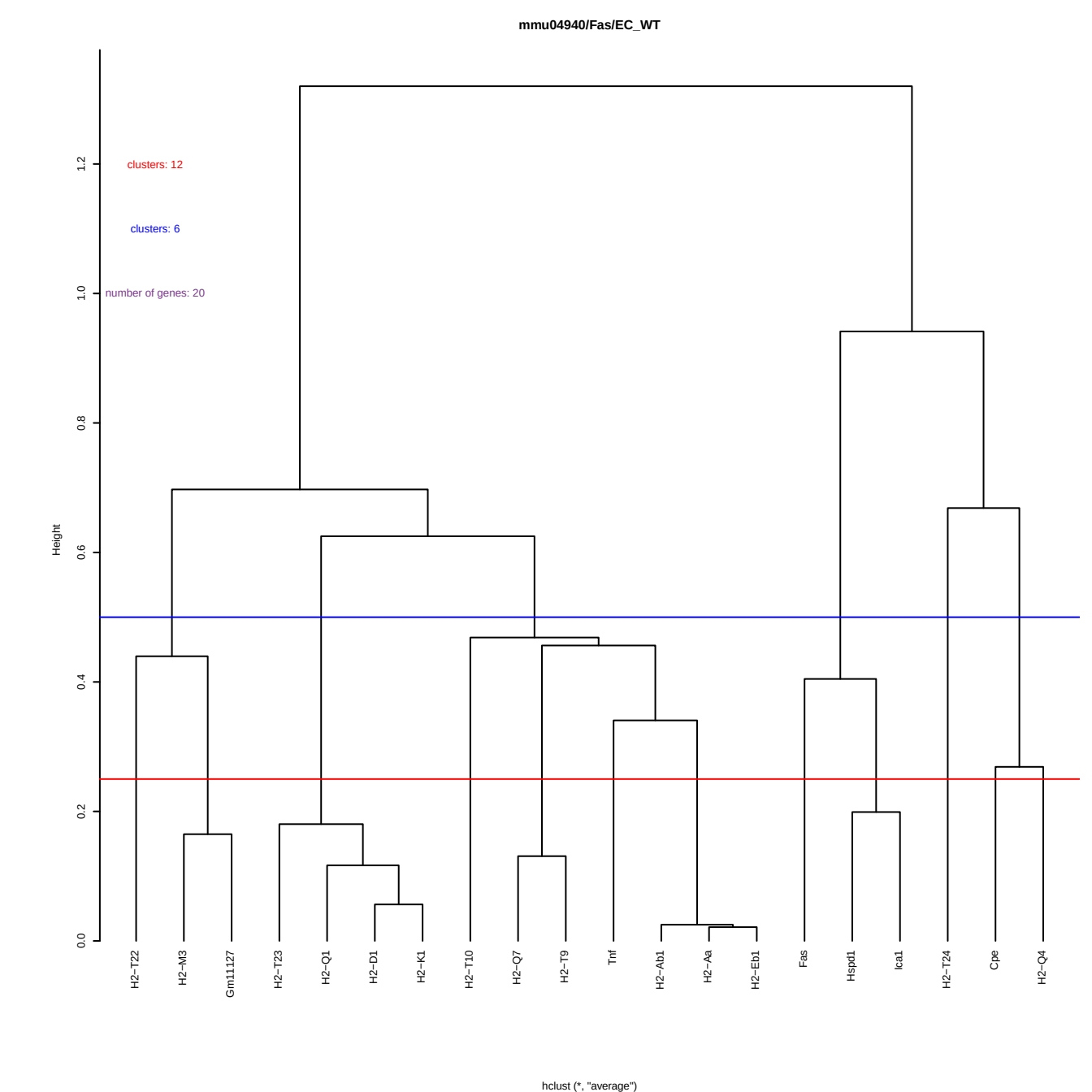

mmu04668/Fas/EC_KO
clusters: 21
clusters: 8
mber of genes: 73
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Bag4
Traf3
Traf2
Fadd
Casp3
Pgam5
Casp8
Ripk3
Casp7
Ifi47
Mlkl
Ccl5
Fas
Chuk
Vcam1
Nfkbia
Tnfaip3
Atf4
Ptgs2
Ccl2
Cxcl1
Il15
Atf6b
Icam1
Il6
Birc3
Csf1
Cebpb
Map3k8
Bcl3
Map2k3
Rps6ka4
Nfkb1
Cxcl10
Tnfrsf1b
Traf5
Map2k1
Tnfrsf1a
Ripk1
Rela
Junb
Tradd
Socs3
Map3k5
Mapk3
Creb5
Akt1
Pik3r2
Mapk12
Tab1
Akt2
Map3k14
Birc2
Jun
Fos
Mapk14
Ikbkg
Mmp3
Mapk9
Map3k7
Mapk1
Tab2
Map2k4
Cx3cl1
Map2k7
Creb3
Creb3l1
Ikbkb
Dab2ip
Cflar
Akt3
Creb3l2
Mmp14
hclust (*, "average")

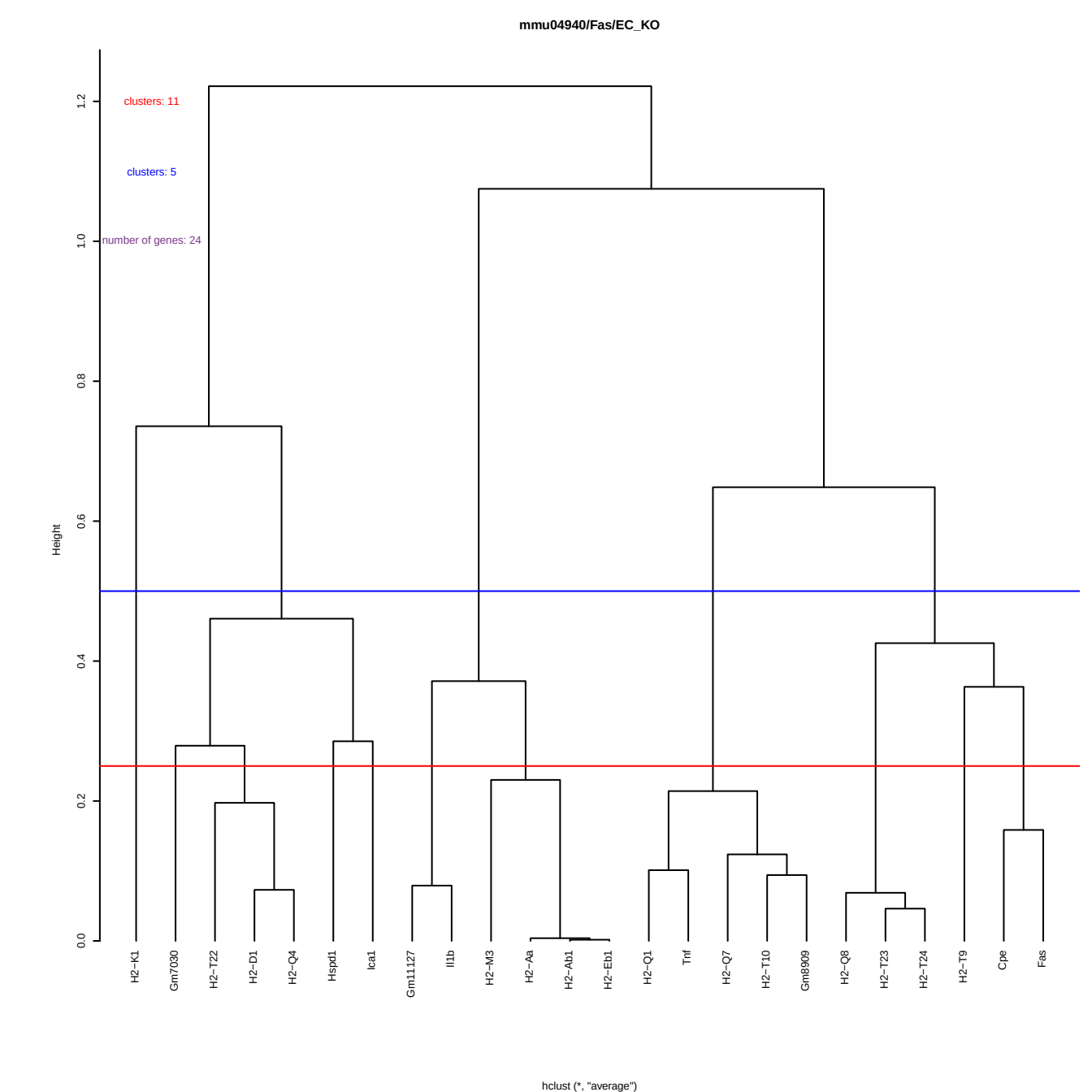

mmu04932/Fas/EC_WT
clusters: 29
clusters: 12
nber of genes: 118
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

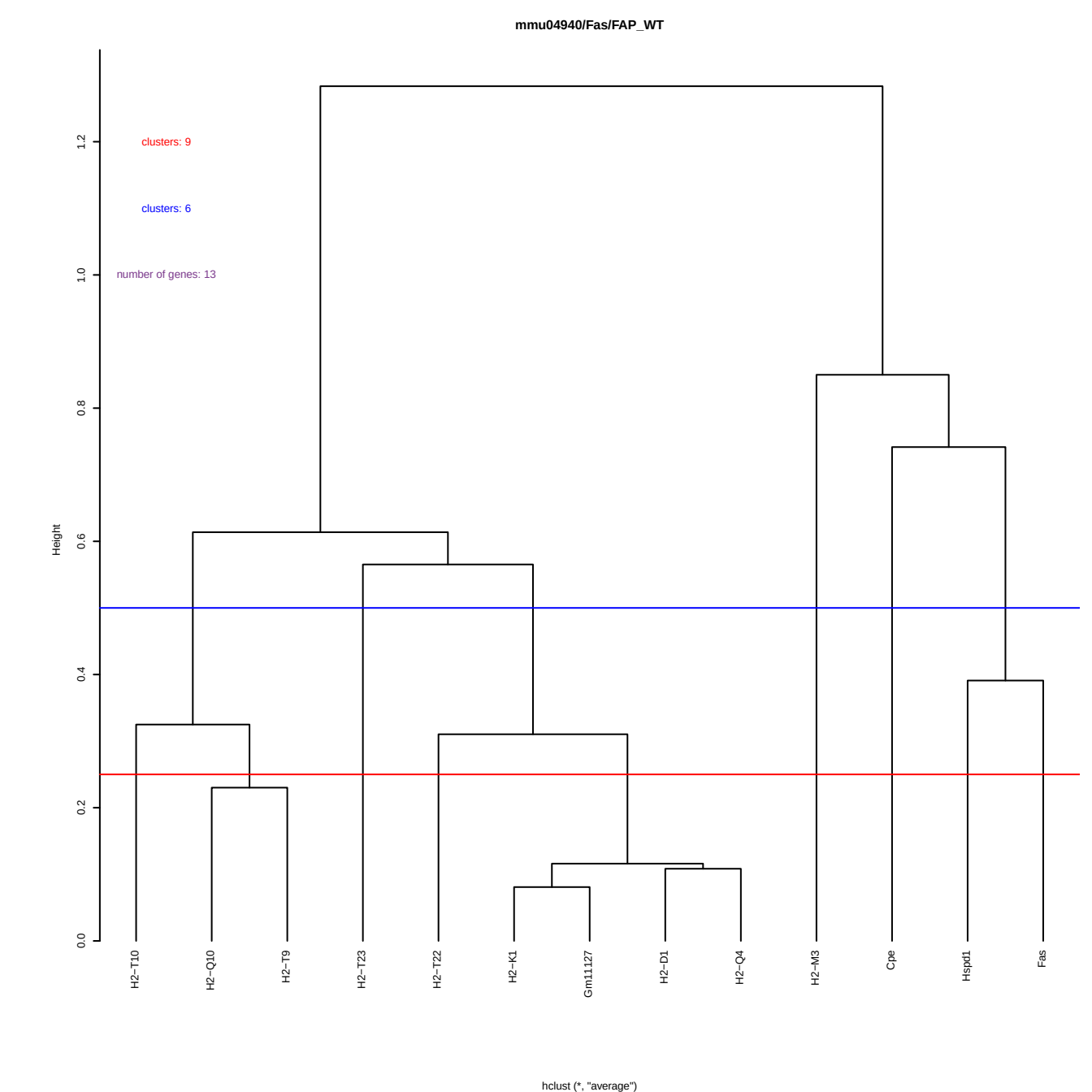

mmu04932/Fas/EC_KO
clusters: 25
clusters: 13
nber of genes: 118
Height
1.5
1.0
0.5
0.0
hclust (*, "average")

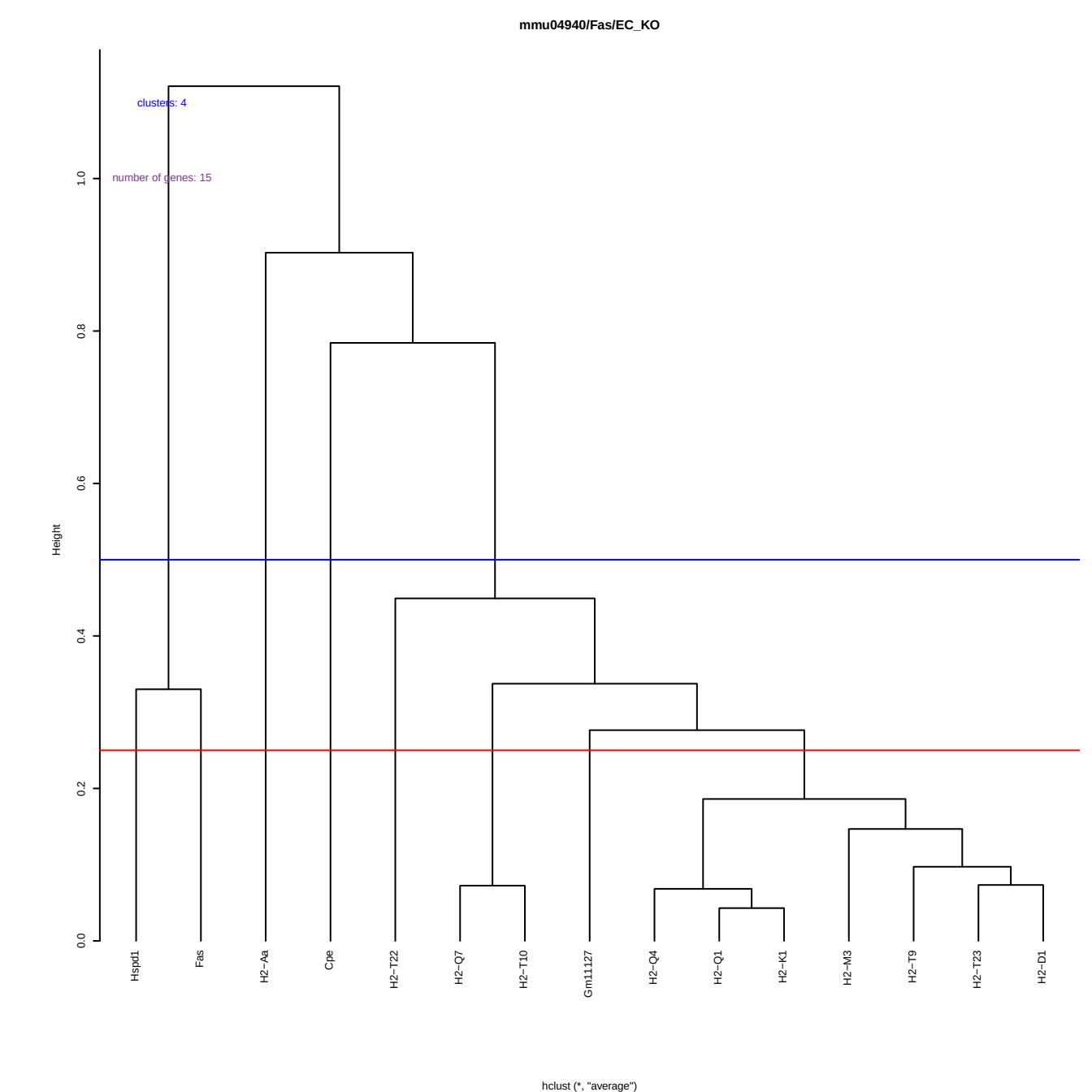

mmu04932/Fas/FAP_WT
clusters: 41
clusters: 16
nber of genes: 114
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

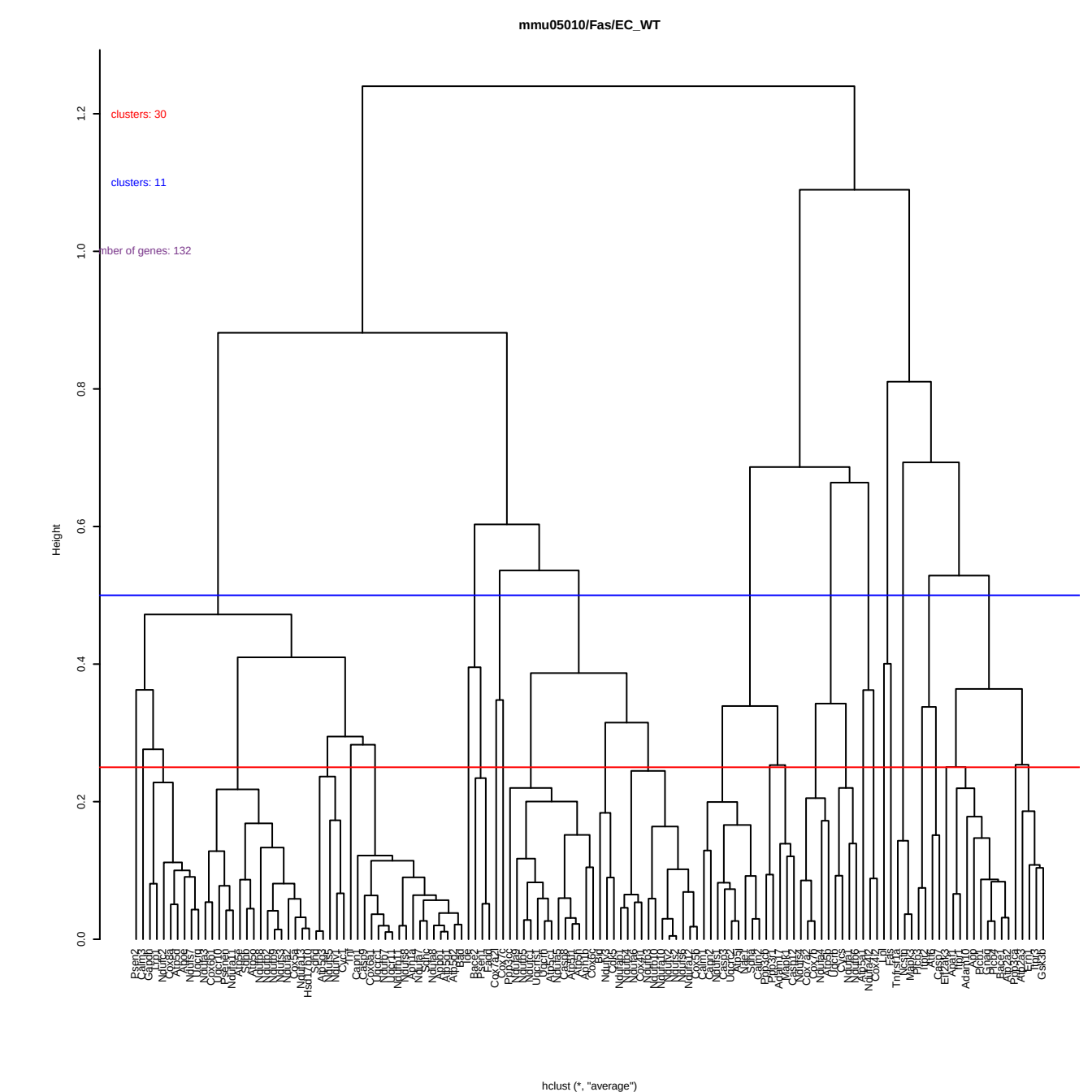

mmu04932/Fas/EC_KO
clusters: 23
clusters: 11
nber of genes: 107
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

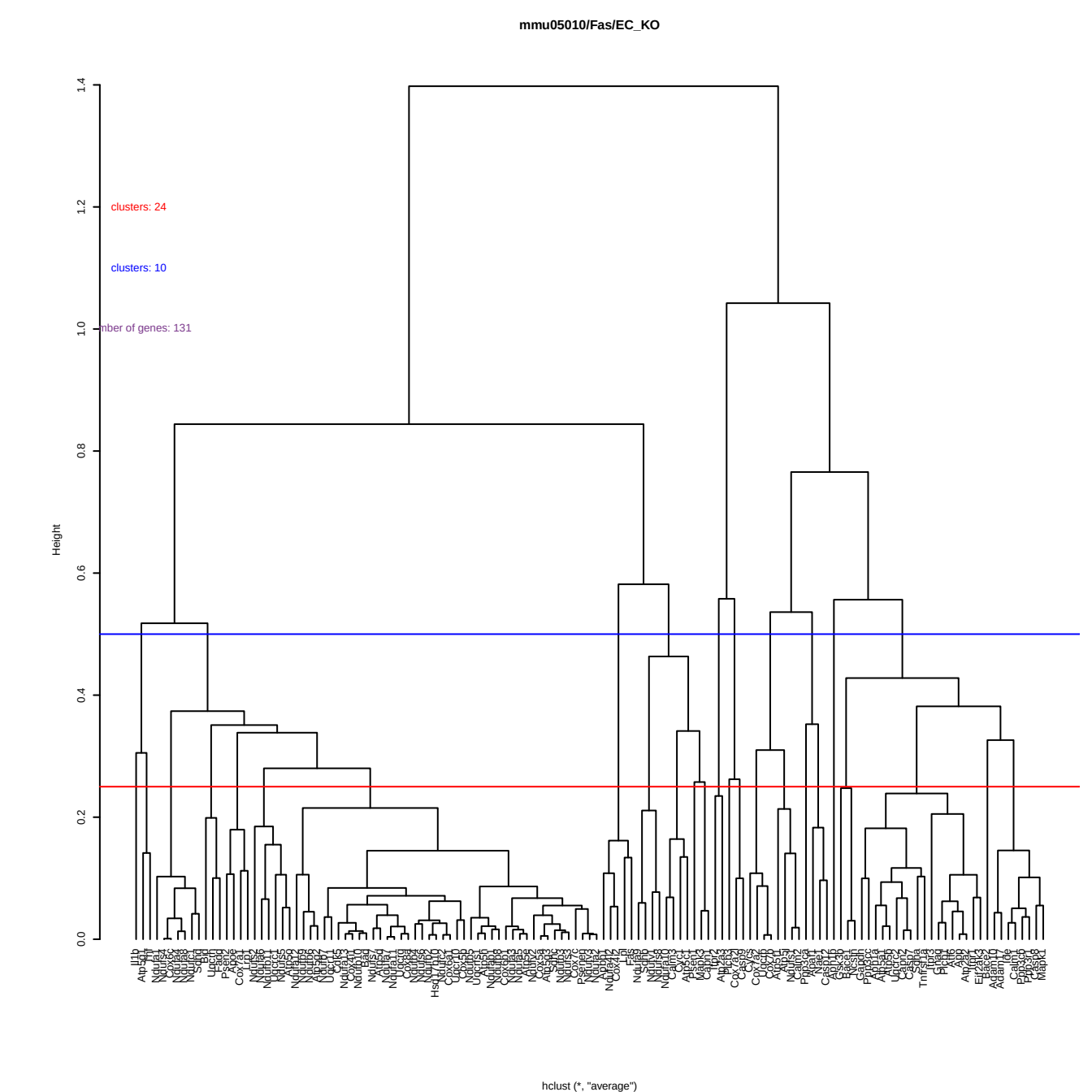

mmu04940/Fas/EC_WT
clusters: 12
clusters: 6
number of genes: 20
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
H2−T22
H2−M3
Gm11127
H2−T23
H2−Q1
H2−D1
H2−K1
H2−T10
H2−Q7
H2−T9
Tnf
H2−Ab1
H2−Aa
H2−Eb1
Fas
Hspd1
Ica1
H2−T24
Cpe
H2−Q4
hclust (*, "average")

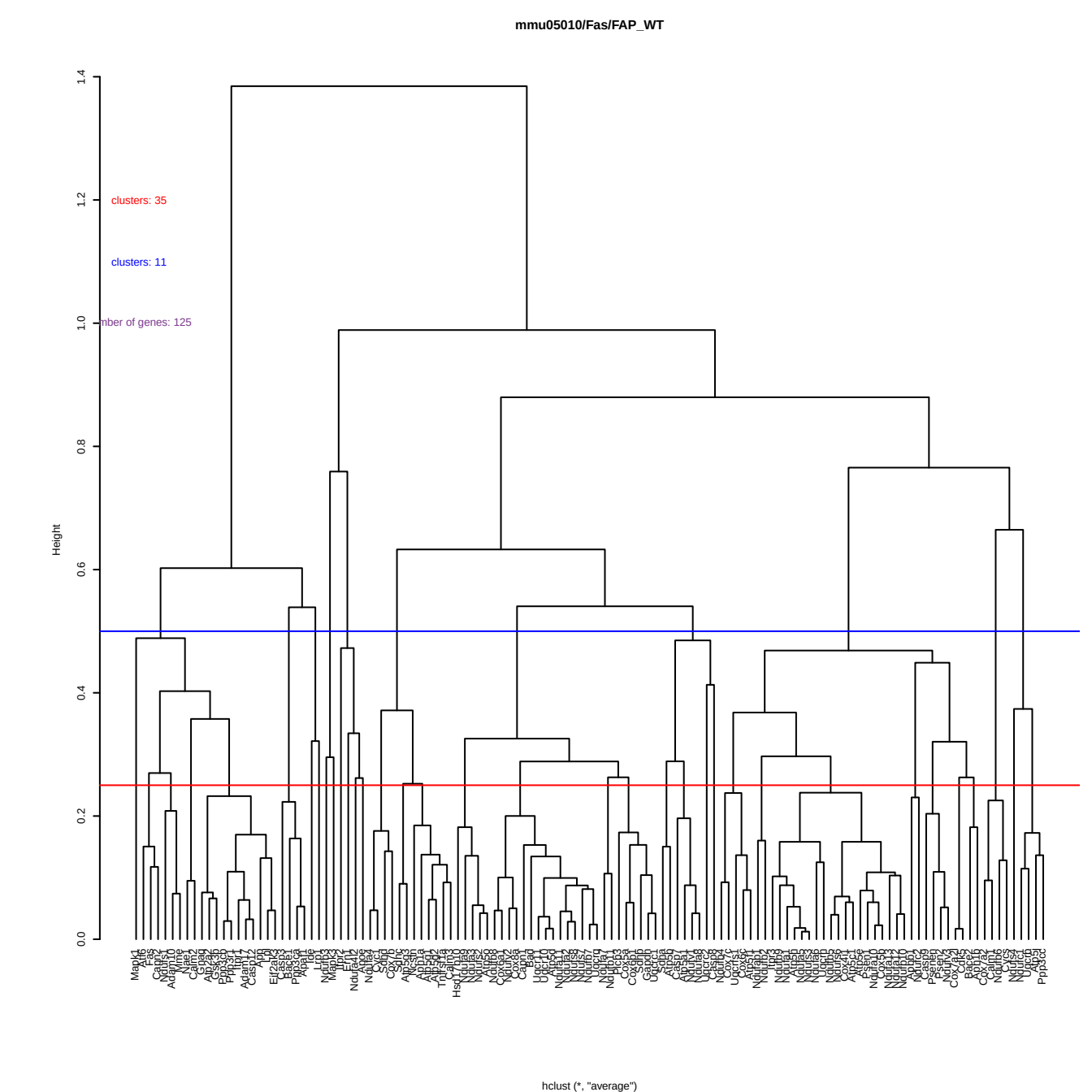

mmu04940/Fas/EC_KO
clusters: 11
clusters: 5
number of genes: 24
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
H2−K1
Gm7030
H2−T22
H2−D1
H2−Q4
Hspd1
Ica1
Gm11127
Il1b
H2−M3
H2−Aa
H2−Ab1
H2−Eb1
H2−Q1
Tnf
H2−Q7
H2−T10
Gm8909
H2−Q8
H2−T23
H2−T24
H2−T9
Cpe
Fas
hclust (*, "average")

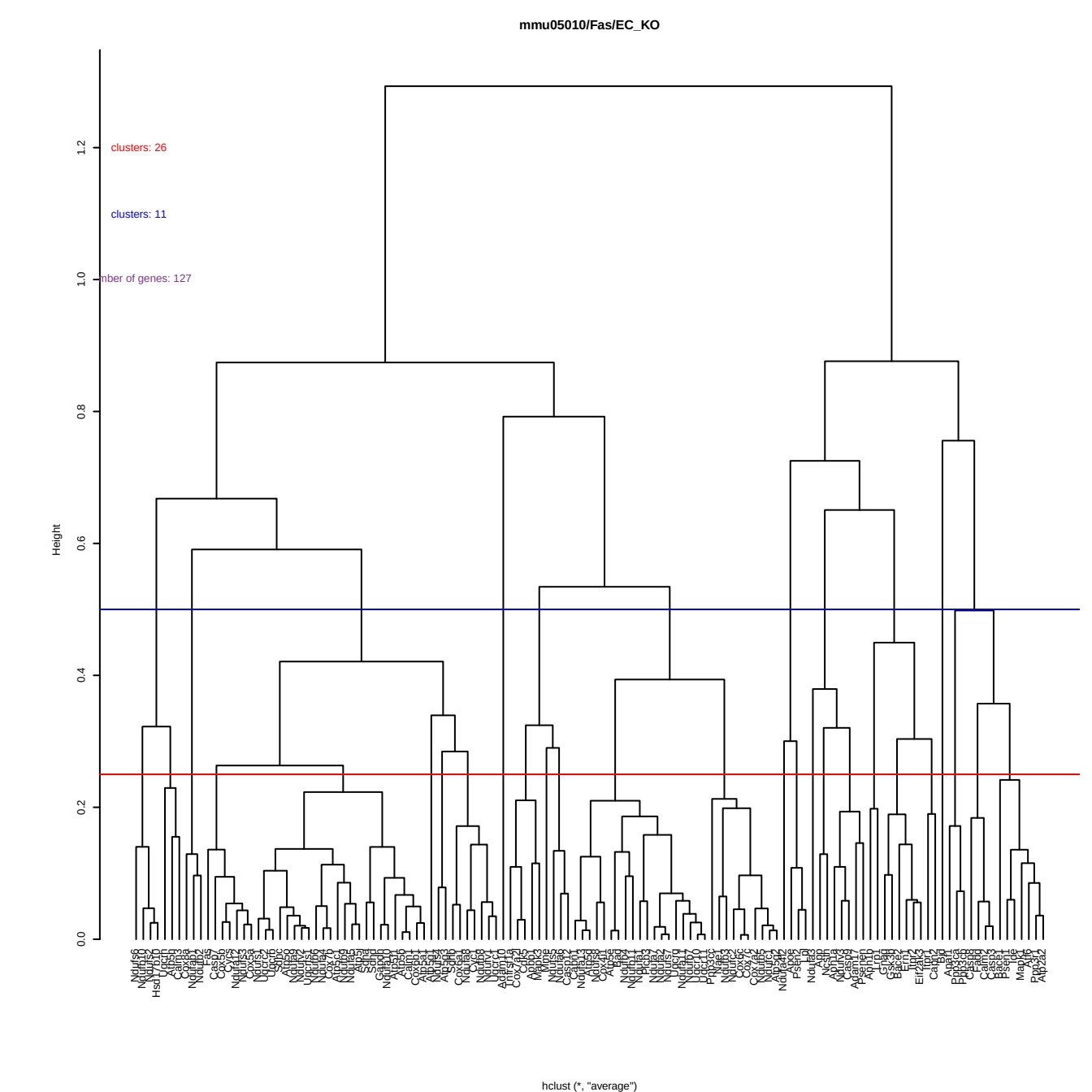

mmu04940/Fas/FAP_WT
clusters: 9
clusters: 6
number of genes: 13
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
H2−T10
H2−Q10
H2−T9
H2−T23
H2−T22
H2−K1
Gm11127
H2−D1
H2−Q4
H2−M3
Cpe
Hspd1
Fas
hclust (*, "average")

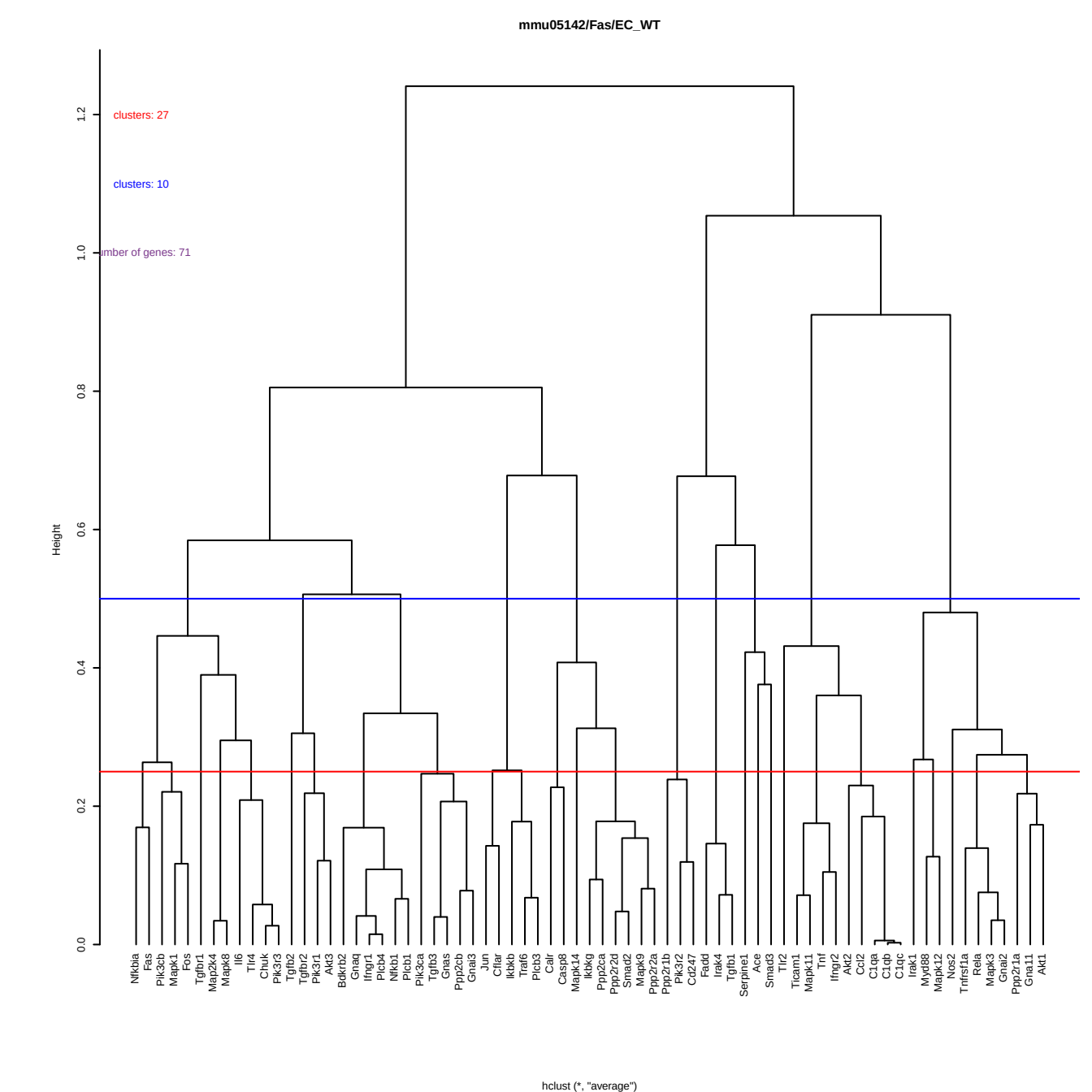

mmu04940/Fas/EC_KO
clusters: 4
number of genes: 15
Height
0.0
0.2
0.4
0.6
0.8
1.0
Hspd1
Fas
H2−Aa
Cpe
H2−T22
H2−Q7
H2−T10
Gm11127
H2−Q4
H2−Q1
H2−K1
H2−M3
H2−T9
H2−T23
H2−D1
hclust (*, "average")

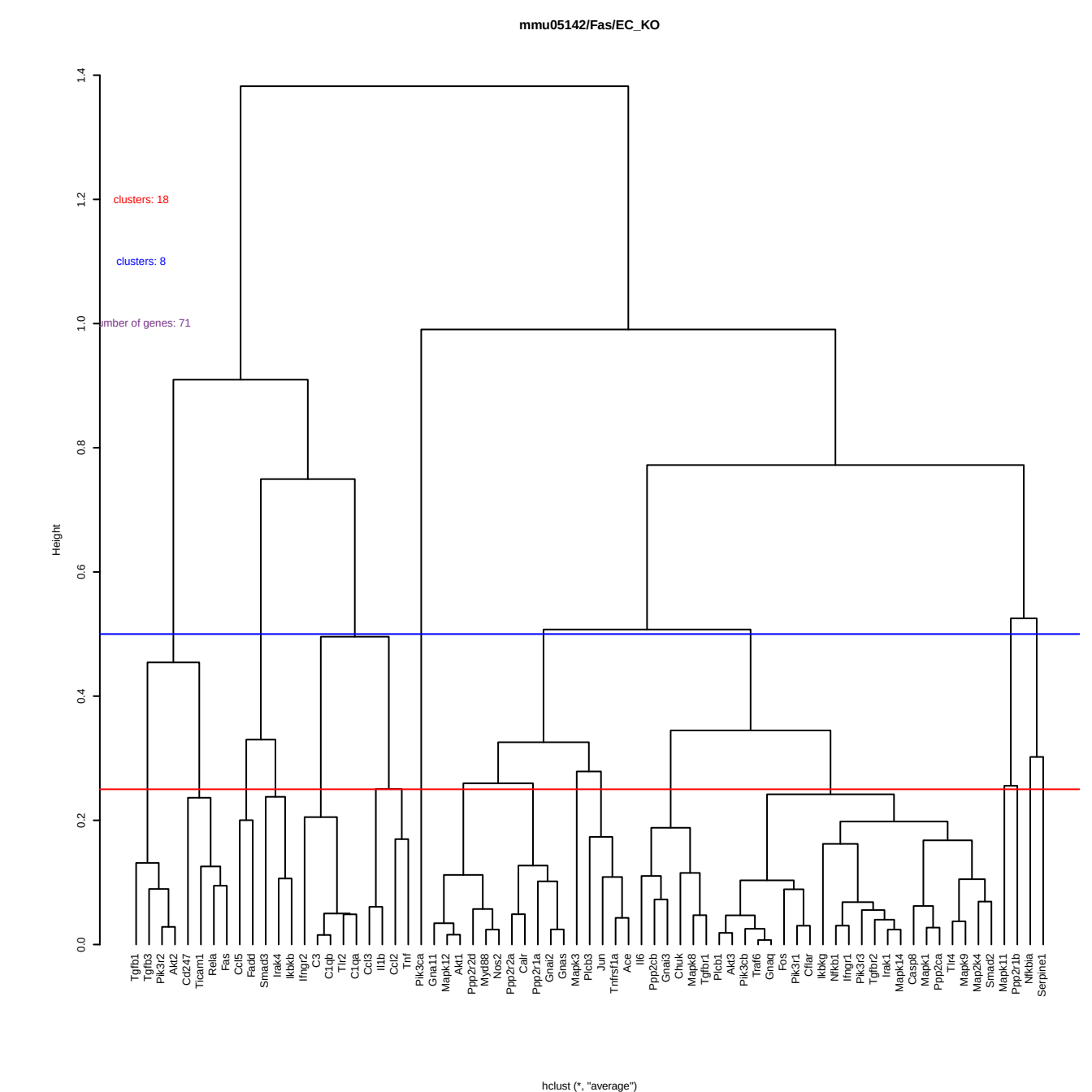

mmu05010/Fas/EC_WT
clusters: 30
clusters: 11
nber of genes: 132
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

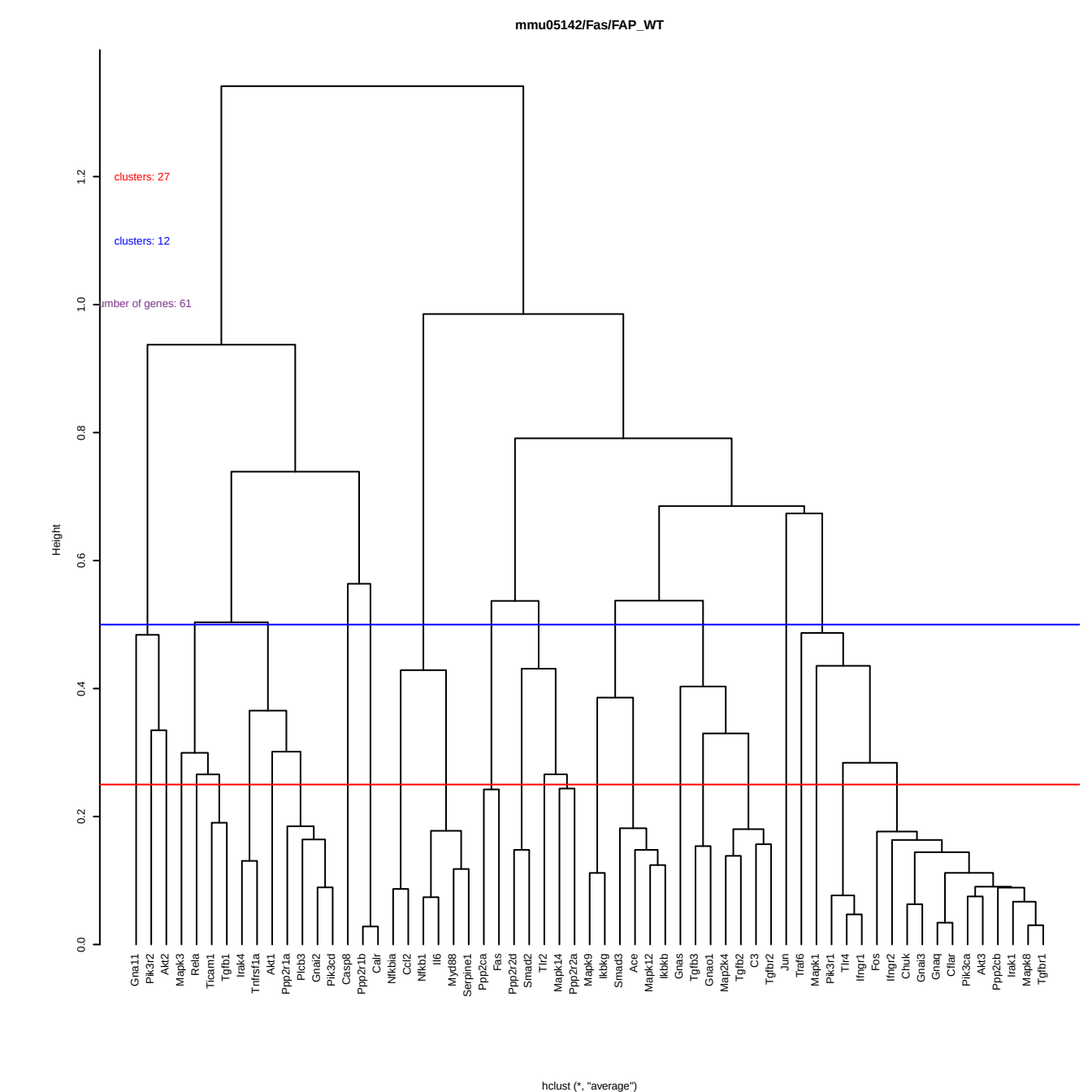

mmu05010/Fas/EC_KO
clusters: 24
clusters: 10
nber of genes: 131
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
hclust (*, "average")

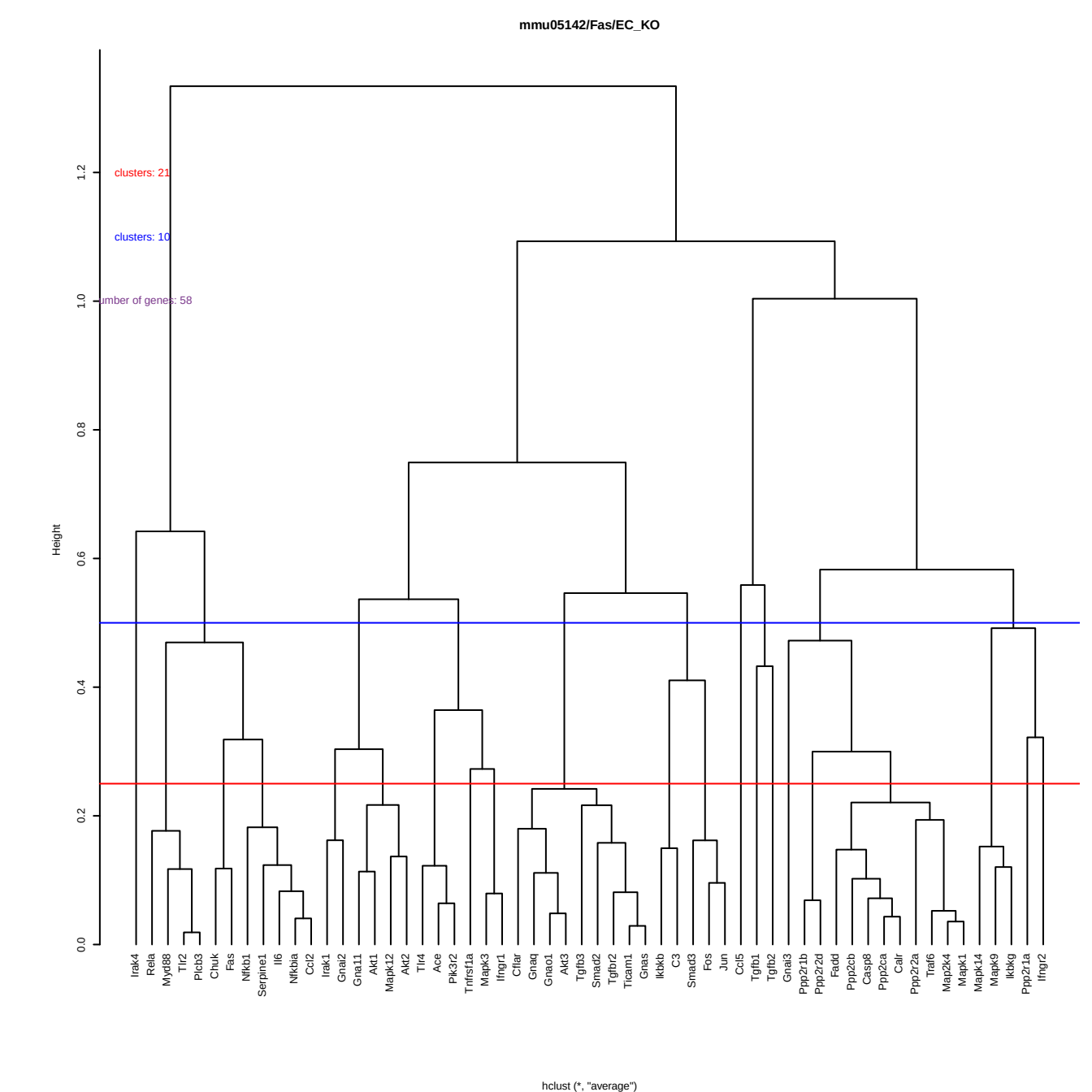

mmu05010/Fas/FAP_WT
clusters: 35
clusters: 11
nber of genes: 125
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
hclust (*, "average")

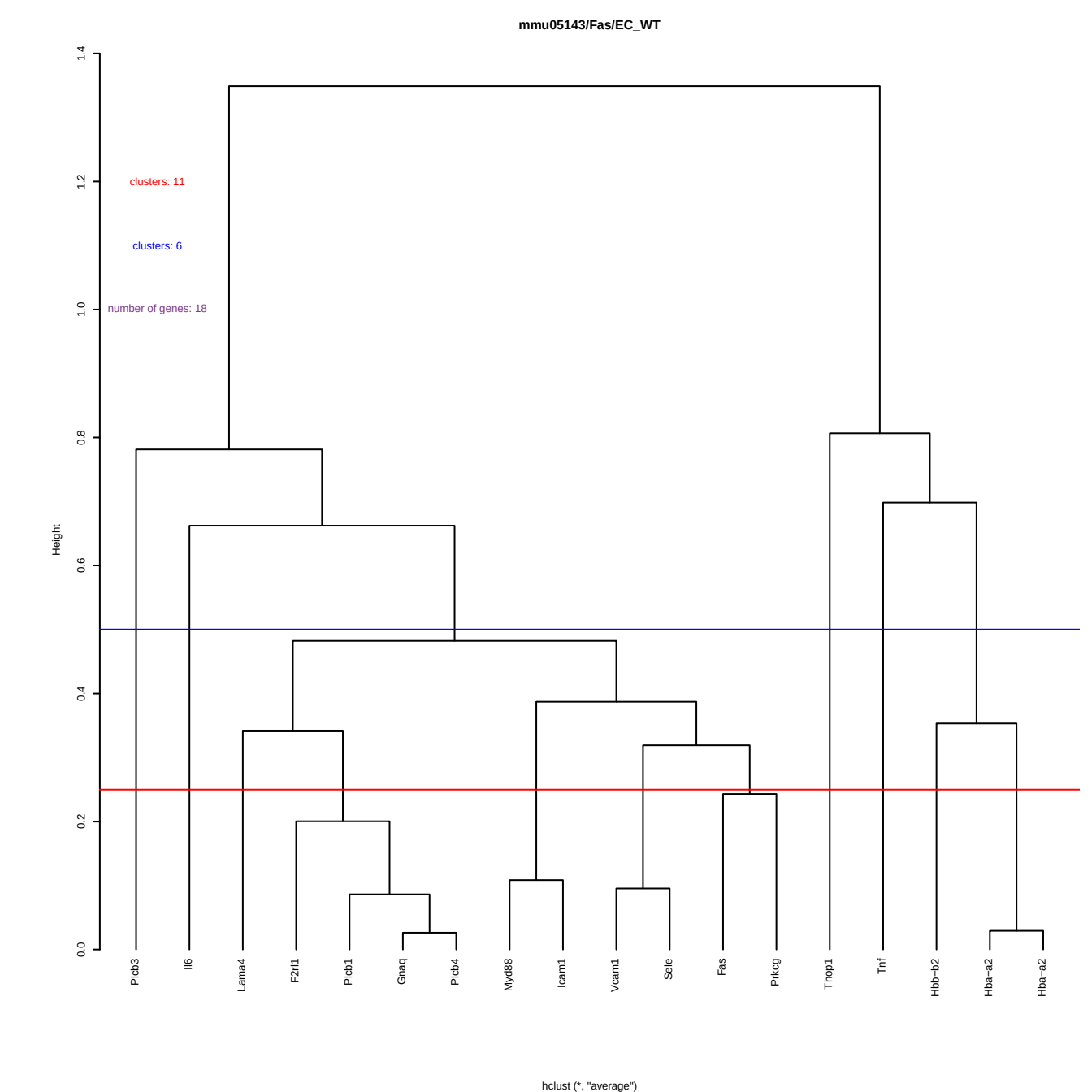

mmu05010/Fas/EC_KO
clusters: 26
clusters: 11
nber of genes: 127
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

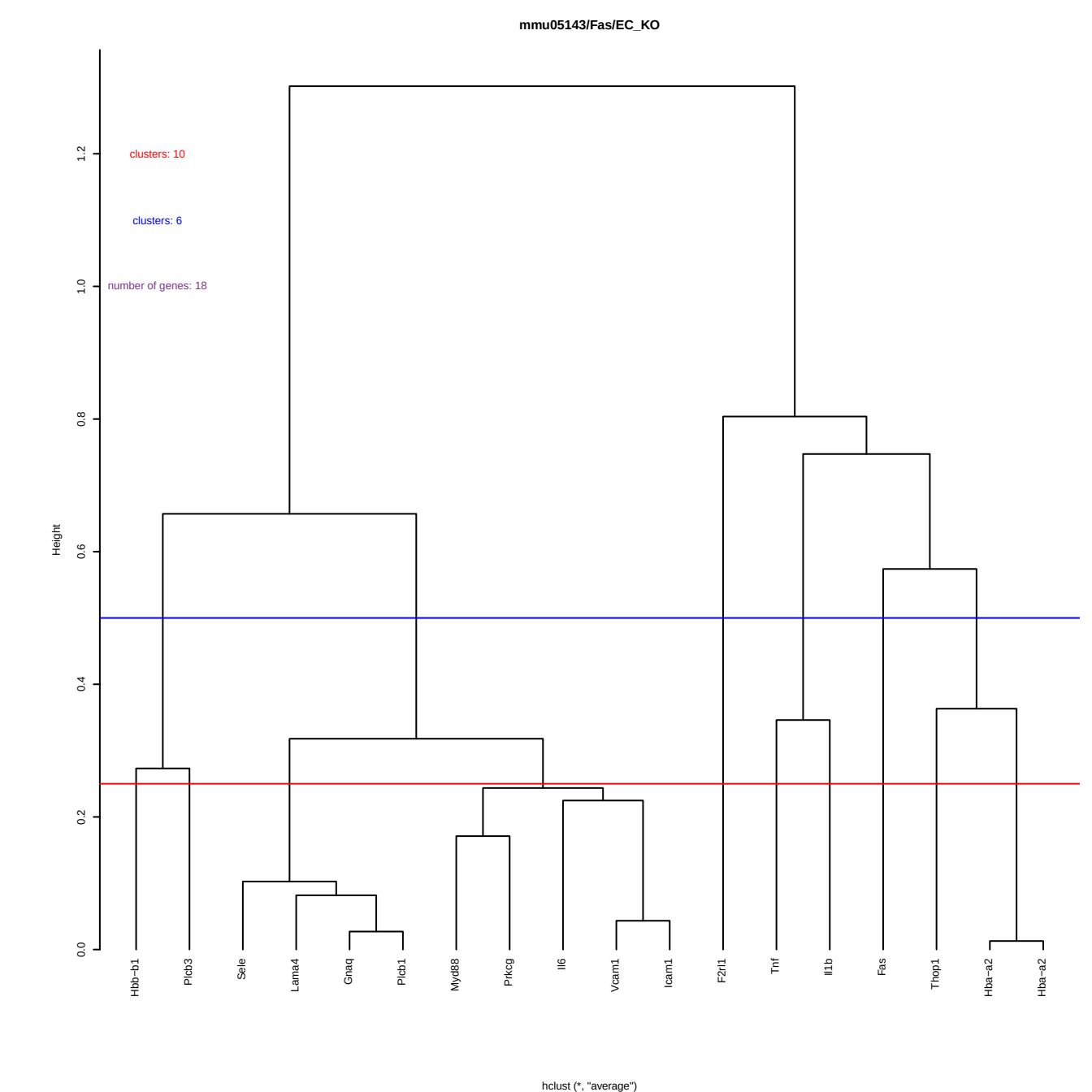

mmu05142/Fas/EC_WT
clusters: 27
clusters: 10
mber of genes: 71
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Nfkbia
Fas
Pik3cb
Mapk1
Fos
Tgfbr1
Map2k4
Mapk8
Il6
Tlr4
Chuk
Pik3r3
Tgfb2
Tgfbr2
Pik3r1
Akt3
Bdkrb2
Gnaq
Ifngr1
Plcb4
Nfkb1
Plcb1
Pik3ca
Tgfb3
Gnas
Ppp2cb
Gnai3
Jun
Cflar
Ikbkb
Traf6
Plcb3
Calr
Casp8
Mapk14
Ikbkg
Ppp2ca
Ppp2r2d
Smad2
Mapk9
Ppp2r2a
Ppp2r1b
Pik3r2
Cd247
Fadd
Irak4
Tgfb1
Serpine1
Ace
Smad3
Tlr2
Ticam1
Mapk11
Tnf
Ifngr2
Akt2
Ccl2
C1qa
C1qb
C1qc
Irak1
Myd88
Mapk12
Nos2
Tnfrsf1a
Rela
Mapk3
Gnai2
Ppp2r1a
Gna11
Akt1
hclust (*, "average")

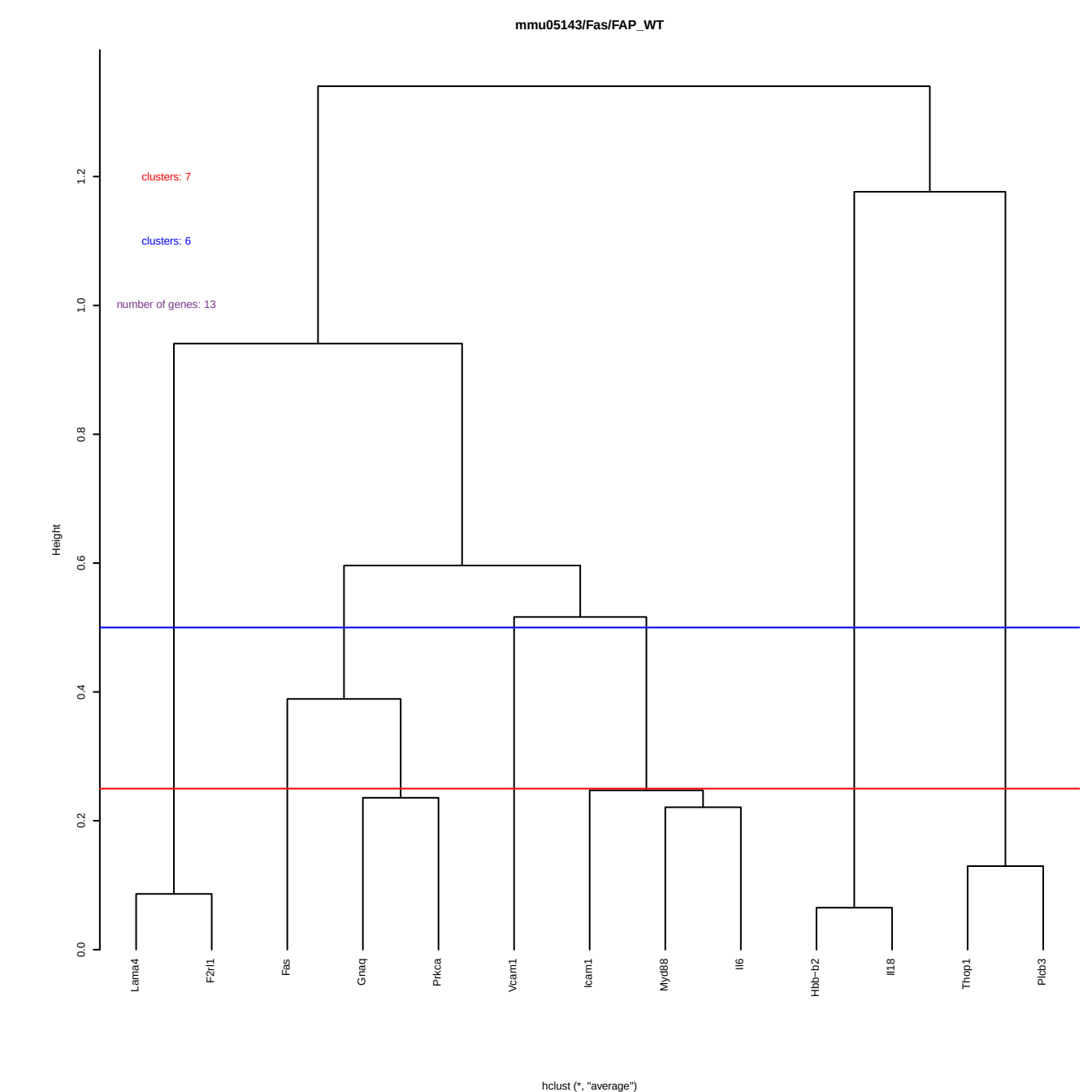

mmu05142/Fas/EC_KO
clusters: 18
clusters: 8
mber of genes: 71
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
Tgfb1
Tgfb3
Pik3r2
Akt2
Cd247
Tricam1
Rela
Fas
Ccl5
Fadd
Smad3
Irak4
Ikbkb
Ifngr2
C3
C1qb
Tlr2
C1qa
Ccl3
Il1b
Ccl2
Tnf
Pik3ca
Gna11
Mapk12
Akt1
Ppp2r2d
Myd88
Nos2
Ppp2r2a
Calr
Ppp2r1a
Gnai2
Gnas
Mapk3
Plcb3
Jun
Tnfrsf1a
Ace
Il6
Ppp2cb
Gnai3
Chuk
Mapk8
Tgfbr1
Plcb1
Akt3
Pik3cb
Traf6
Gnaq
Fos
Pik3r1
Cflar
Ikbkg
Nfkb1
Ifngr1
Pik3r3
Tgfbr2
Irak1
Mapk14
Casp8
Mapk1
Ppp2ca
Tlr4
Mapk9
Map2k4
Smad2
Mapk11
Ppp2r1b
Nfkbia
Serpine1
hclust (*, "average")

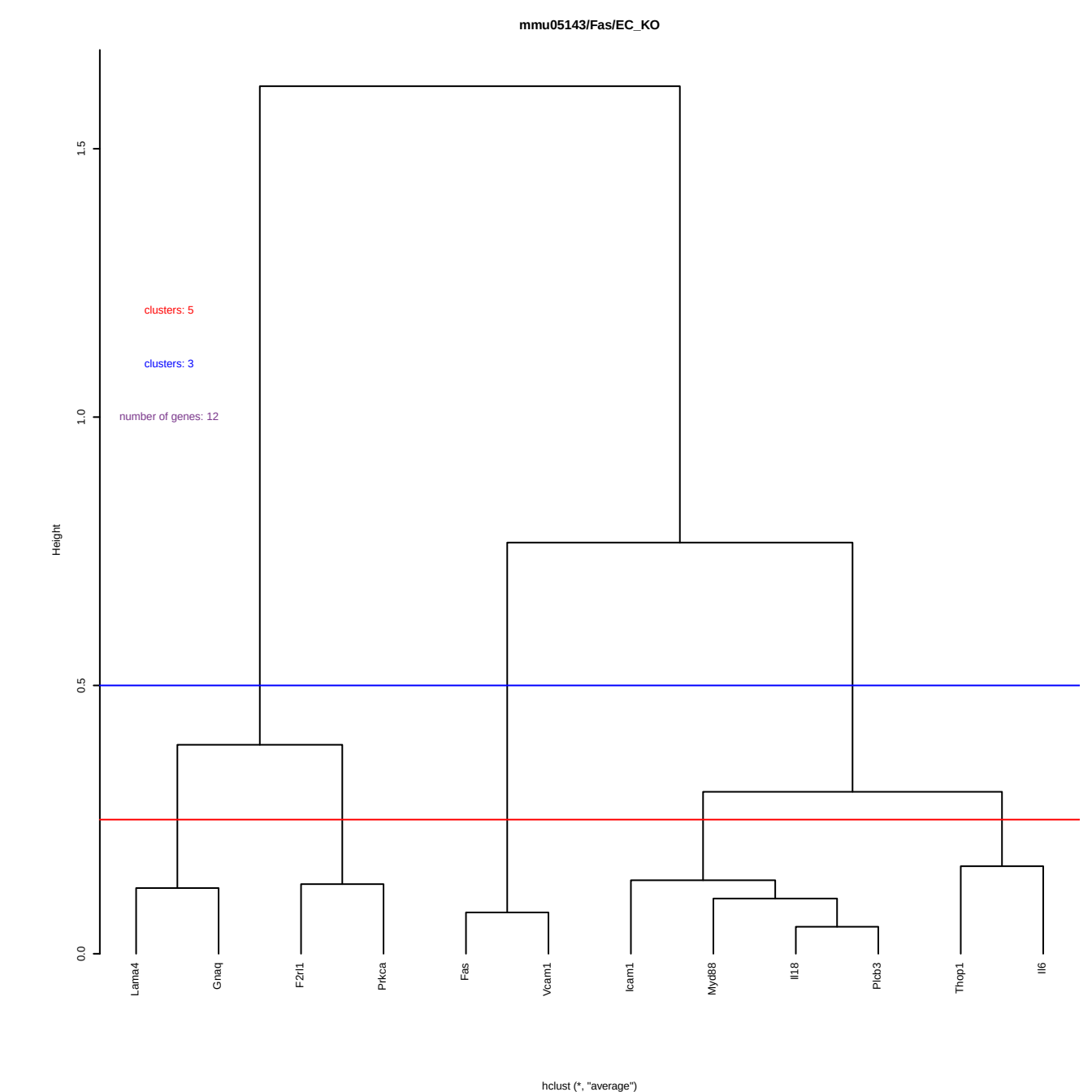

mmu05142/Fas/FAP_WT
clusters: 27
clusters: 12
mber of genes: 61
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Gna11
Pik3r2
Akt2
Mapk3
Rela
Ticam1
Tgfb1
Irak4
Tnfrsf1a
Akt1
Ppp2r1a
Plcb3
Gnai2
Pik3cd
Casp8
Ppp2r1b
Calr
Nfkbia
Ccl2
Nfkb1
Il6
Myd88
Serpine1
Ppp2ca
Fas
Ppp2r2d
Smad2
Tlr2
Mapk14
Ppp2r2a
Mapk9
Ikbkg
Smad3
Ace
Mapk12
Ikbkb
Gnas
Tgfb3
Gnao1
Map2k4
Tgfb2
C3
Tgfbr2
Jun
Traf6
Mapk1
Pik3r1
Tlr4
Ifngr1
Fos
Ifngr2
Chuk
Gnai3
Gnaq
Cflar
Pik3ca
Akt3
Ppp2cb
Irak1
Mapk8
Tgfbr1
hclust (*, "average")

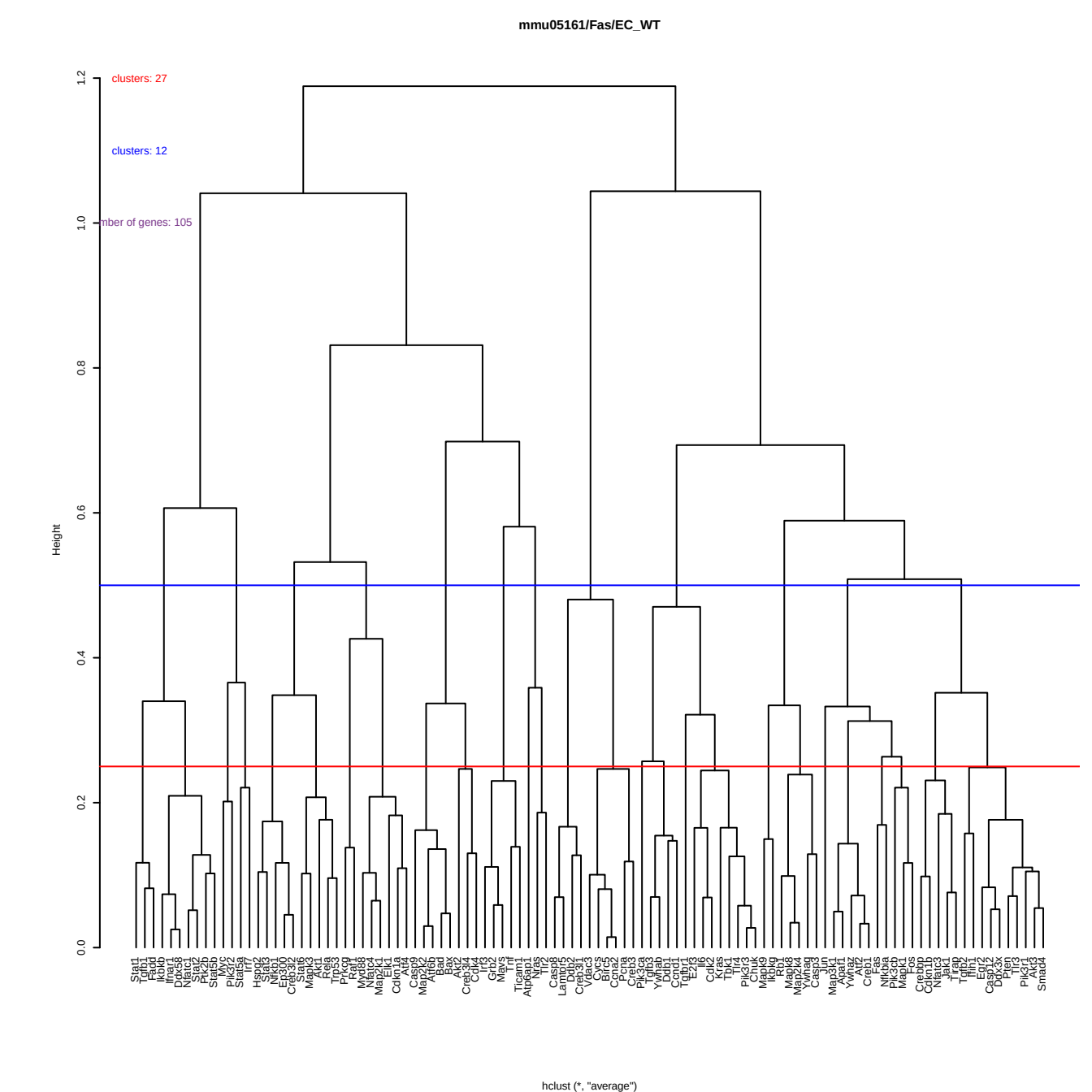

mmu05142/Fas/EC_KO
clusters: 21
clusters: 10
mber of genes: 58
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Irak4
Rela
Myd88
Tlr2
Plcb3
Chuk
Fas
Nfkb1
Serpine1
Il6
Nfkbia
Ccl2
Irak1
Gnai2
Gna11
Akt1
Mapk12
Akt2
Tlr4
Ace
Pik3r2
Tnfrsf1a
Mapk3
Ifngr1
Cflar
Gnaq
Gnao1
Akt3
Tgfb3
Smad2
Tgfbr2
Ticam1
Gnas
Ikbkb
C3
Smad3
Fos
Jun
Ccl5
Tgfb1
Tgfb2
Gnai3
Ppp2r1b
Ppp2r2d
Fadd
Ppp2cb
Casp8
Ppp2ca
Calr
Ppp2r2a
Traf6
Map2k4
Mapk1
Mapk14
Mapk9
Ikbkg
Ppp2r1a
Ifngr2
hclust (*, "average")

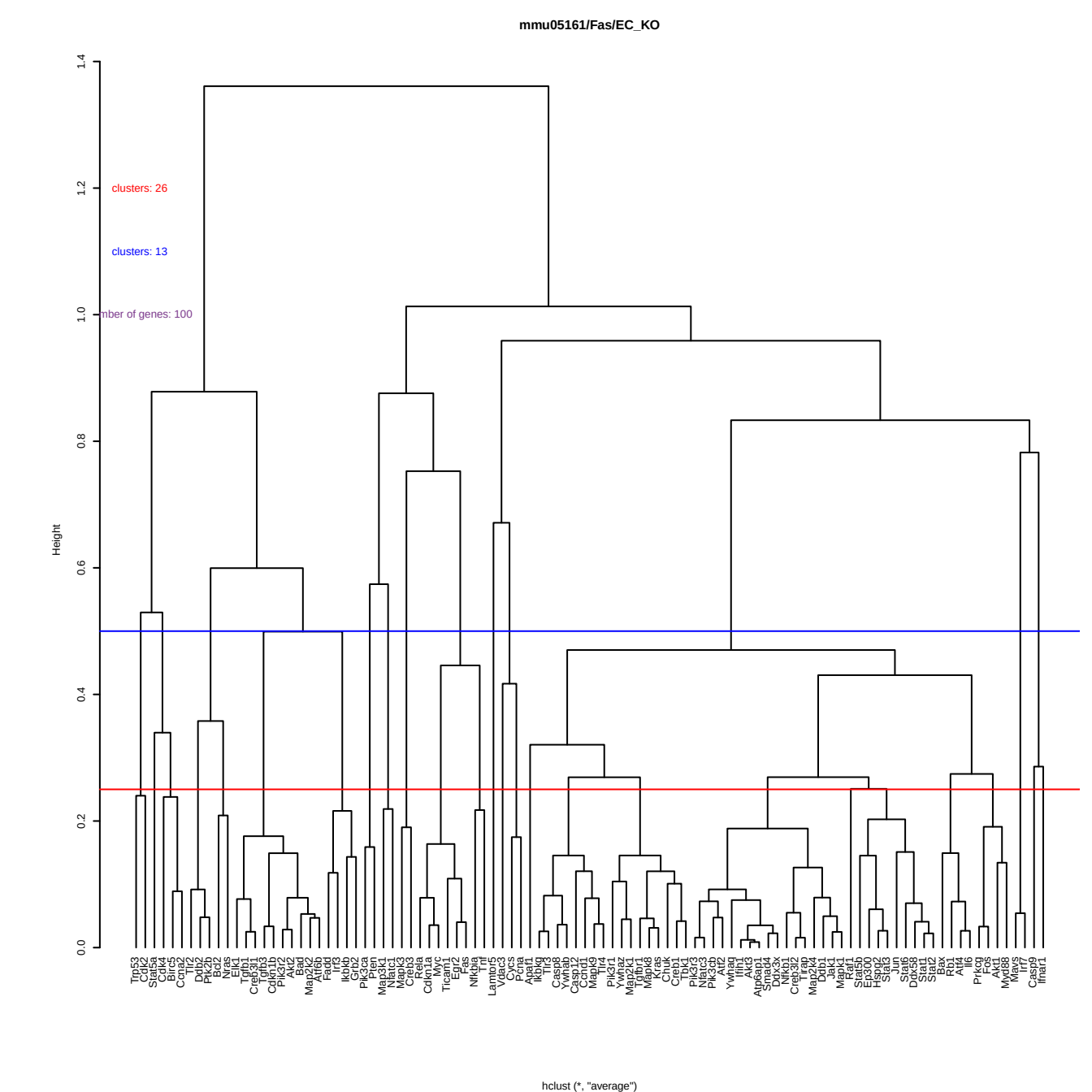

mmu05143/Fas/EC_WT
clusters: 11
clusters: 6
number of genes: 18
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
Plcb3
Il6
Lama4
F2rl1
Plcb1
Gnaq
Plcb4
Myd88
Icam1
Vcam1
Sele
Fas
Prkcg
Thop1
Tnf
Hbb−b2
Hba−a2
Hba−a2
hclust (*, "average")

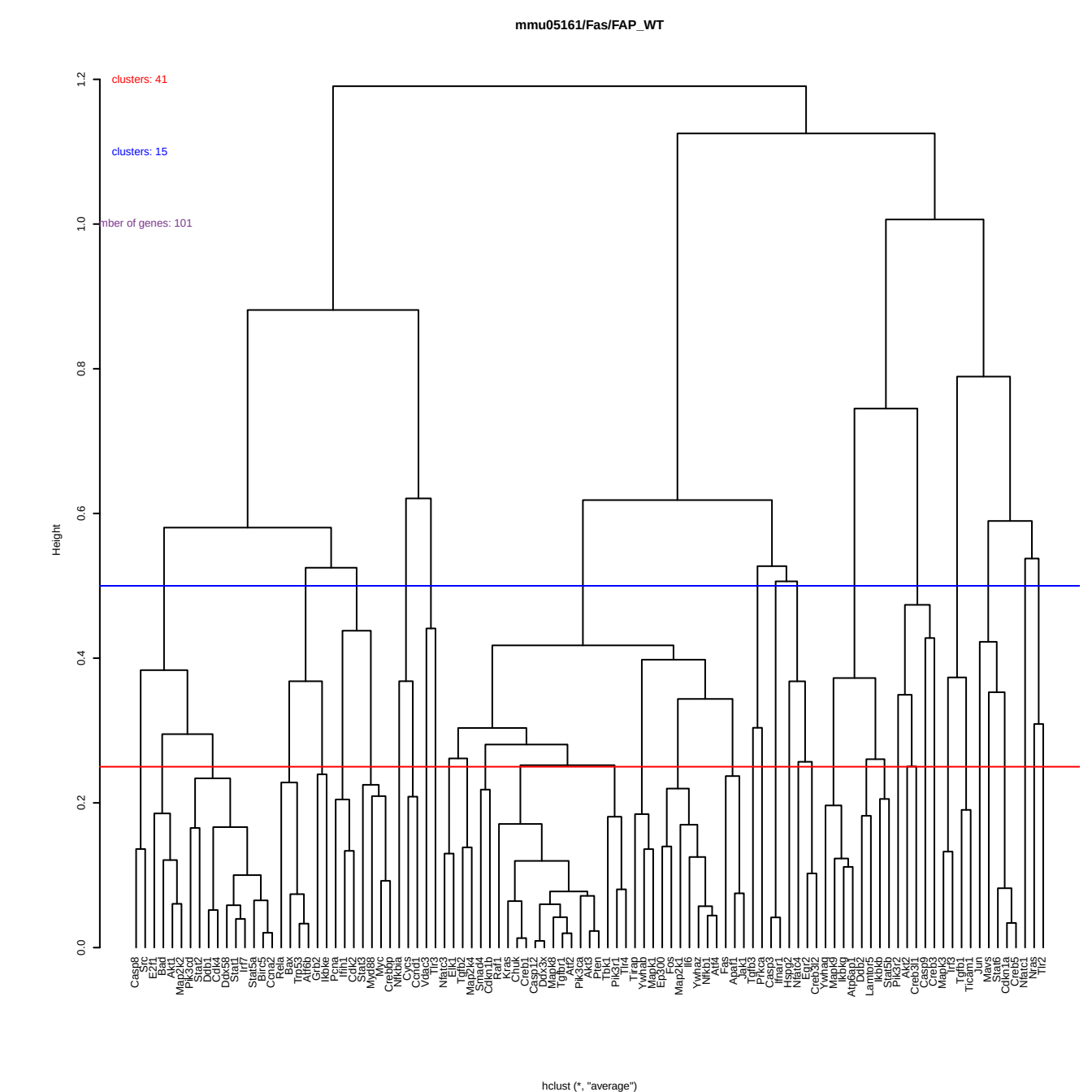

mmu05143/Fas/EC_KO
clusters: 10
clusters: 6
number of genes: 18
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Hbb−b1
Plcb3
Sele
Lama4
Gnaq
Plcb1
Myd88
Prkcg
Il6
Vcam1
Icam1
F2rl1
Tnf
Il1b
Fas
Thop1
Hba−a2
Hba−a2
hclust (*, "average")

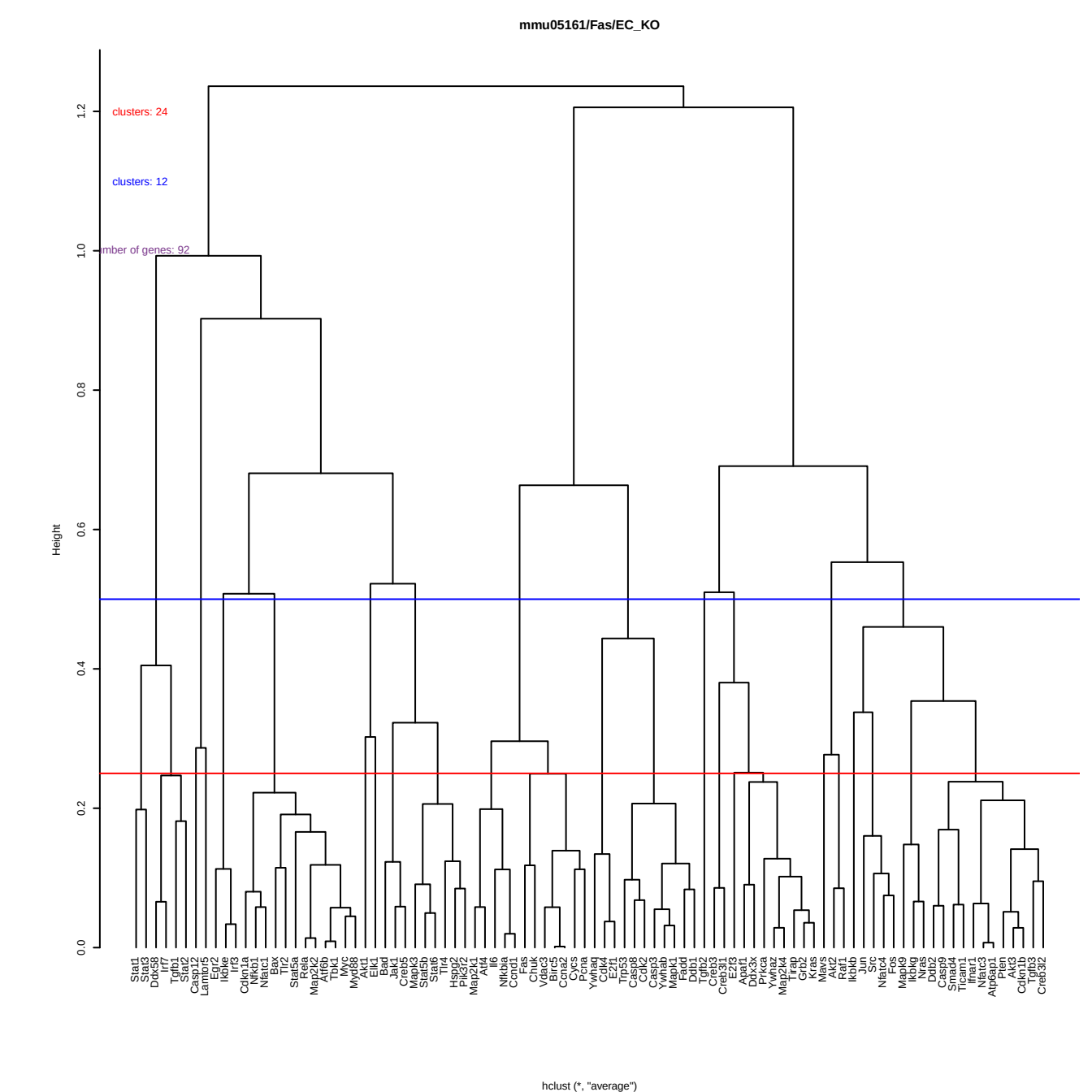

mmu05143/Fas/FAP_WT
clusters: 7
clusters: 6
number of genes: 13
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Lama4
F2rl1
Fas
Gnaq
Prkca
Vcam1
Icam1
Myd88
Il6
Hbb−b2
Il18
Thop1
Plcb3
hclust (*, "average")

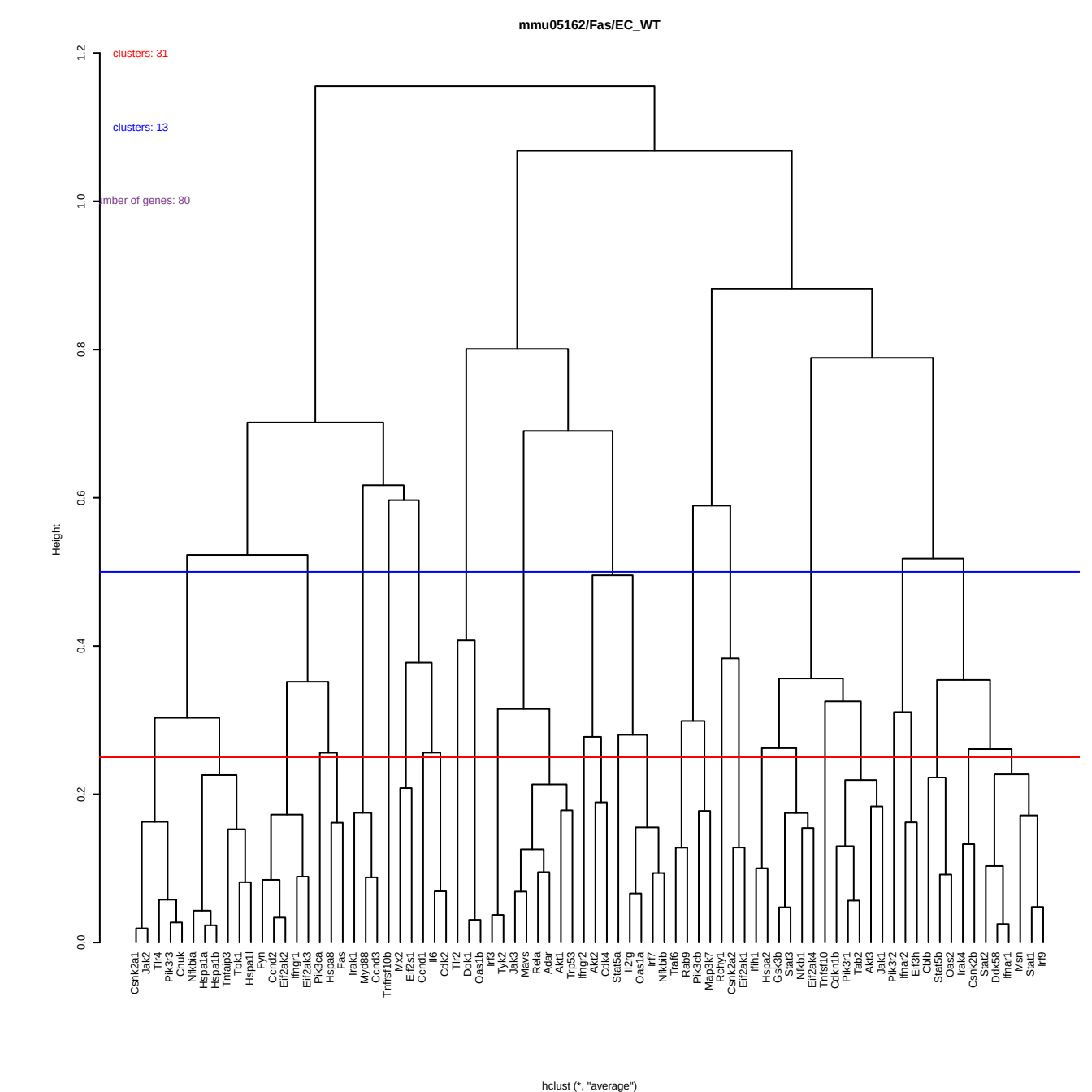

mmu05143/Fas/EC_KO
clusters: 5
clusters: 3
number of genes: 12
Height
0.0
0.5
1.0
1.5
Lama4
Gnaq
F2rl1
Prkca
Fas
Vcam1
Icam1
Myd88
Il18
Plcb3
Thop1
Il6
hclust (*, "average")

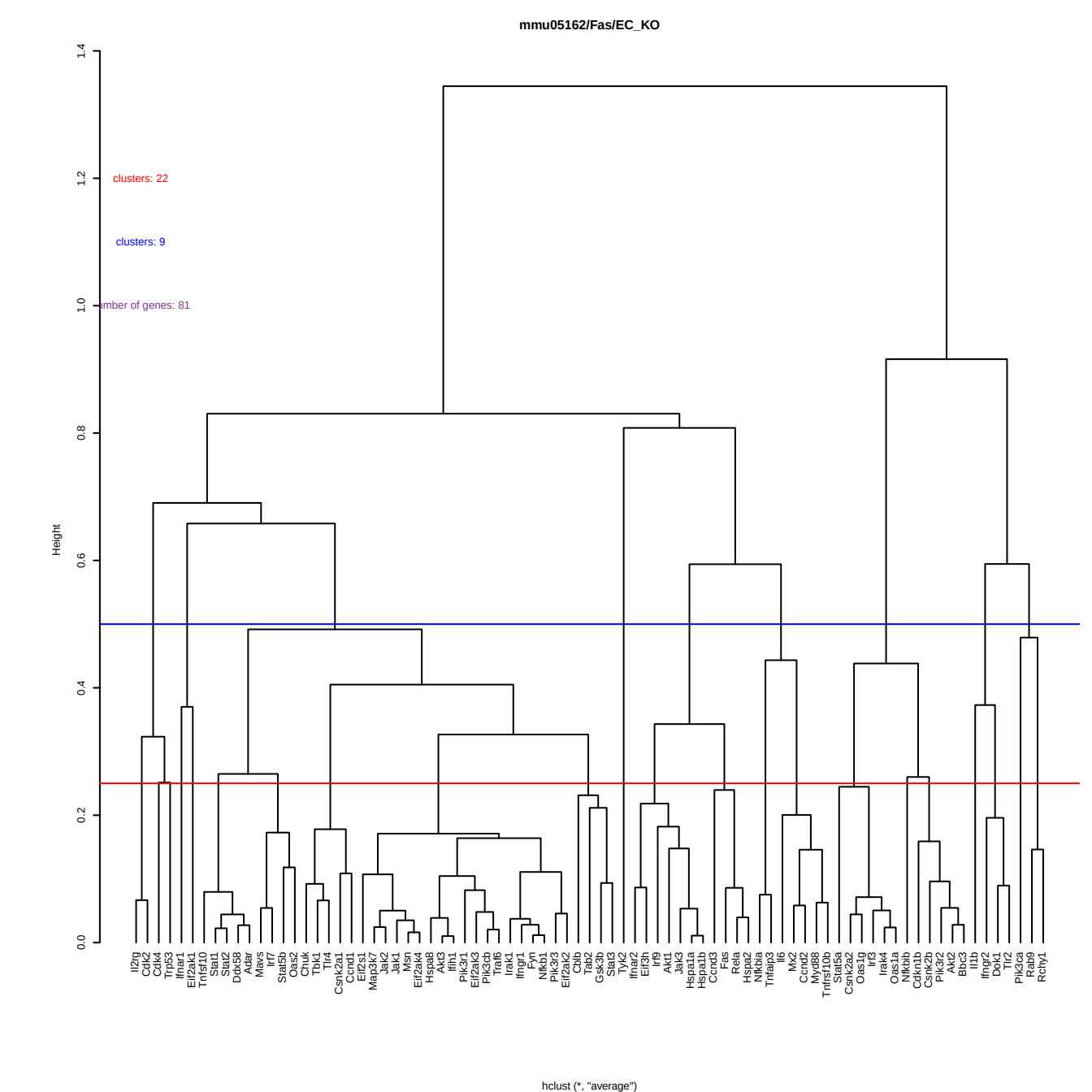

mmu05161/Fas/EC_WT
clusters: 27
clusters: 12
mber of genes: 105
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Stat1
Tgfb1
Fadd
Ikbkb
Ifnar1
Ddx58
Nfatc1
Stat2
Pik2b
Stat5b
Myc
Pik3r2
Stat5a
Irf7
Hspg2
Stat3
Nfkb1
Ep300
Creb3l2
Stat6
Mapk3
Akt1
Rela
Trp53
Prkcg
Raf1
Myd88
Nfatc4
Map2k1
Elk1
Cdkn1a
Atf4
Casp9
Map2k2
Atf6b
Bad
Bax
Akt2
Creb3l4
Cdk4
Irf3
Grb2
Mavs
Tnf
Ticam1
Atp6ap1
Nras
Tlr2
Casp8
Lamtor5
Ddb2
Creb3l1
Vdac3
Cycs
Birc5
Cpna2
Pcna
Creb3
Pik3ca
Tgfb3
Ywhab
Ddb1
Cond1
Tgfbr1
E2f3
Ill6
Cdk2
Kras
Tbk1
Tlr4
Pik3r3
Chuk
Mapk9
Ikbkg
Rb1
Mapk8
Map2k4
Ywhag
Casp3
Jun
Map3k1
Apaf1
Ywhaz
Atf2
Creb1
Fas
Nfkbia
Pik3cb
Mapk1
Fos
Crebbp
Cdkn1b
Nfatc3
Jak1
Tirap
Tgfb2
Ifih1
Egr2
Casp12
Ddx3x
Pten
Tlr3
Pik3r1
Akt3
Smad4
hclust (*, "average")

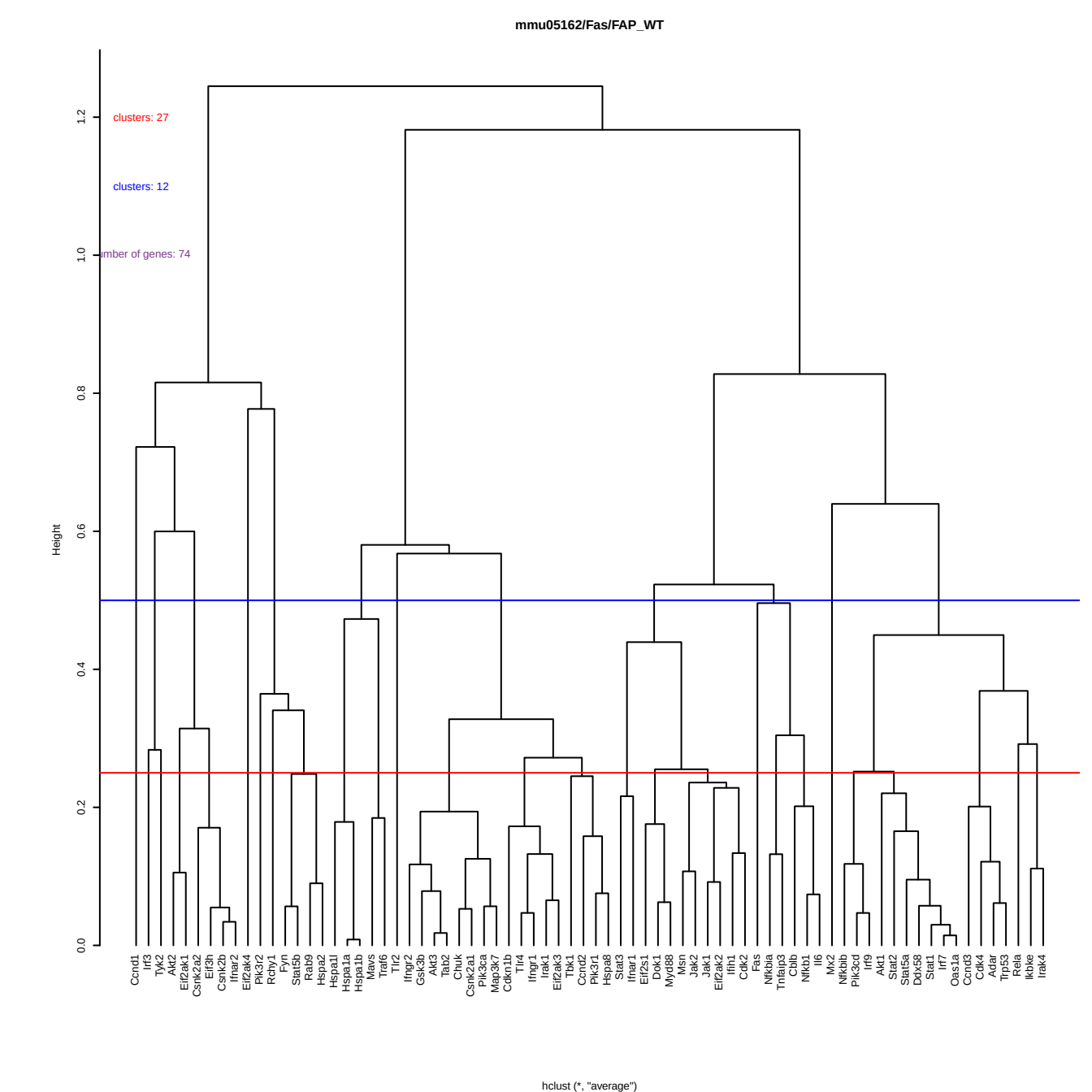

mmu05161/Fas/EC_KO
clusters: 26
clusters: 13
mber of genes: 100
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
Trp53
Cdk2
Stat5a
Cdk4
Birc5
Ccna2
Tlr2
Ddb2
Pkc2b
Bcl2
Nras
Elk1
Tgfb1
Creb3l1
Tgfb3
Cdkn1b
Pik3r2
Akt2
Bad
Map2k2
Atf6b
Fadd
Irf3
Ikbkb
Grb2
Pik3ca
Pten
Map3k1
Nfatc1
Mapk3
Creb3
Rela
Cdkn1a
Myc
Ticam1
Egr2
Fas
Nfkbia
Tnf
Lamtor5
Vdac3
Cycs
Pcna
Apaf1
Ikbkg
Tlr3
Casp8
Ywhab
Casp12
Cchd1
Mapk9
Tlr4
Pik3r1
Ywhaz
Map2k1
Tgfbr1
Mapk8
Kras
Chuk
Creb1
Tbk1
Pik3r3
Nfatc3
Pik3cb
Atf2
Ywhag
Ifih1
Akt3
Atp6ap1
Smad4
Ddx3x
Nfkb1
Creb3l2
Tirap
Map2k4
Ddb1
Jak1
Mapk1
Raf1
Stat5b
Ep300
Hspg2
Stat3
Jun
Stat6
Ddx58
Stat1
Stat2
Bax
Rb1
Atf4
Il6
Prkcg
Fos
Akt1
Myd88
Mavs
Irf7
Casp9
Ifnar1
hclust (*, "average")

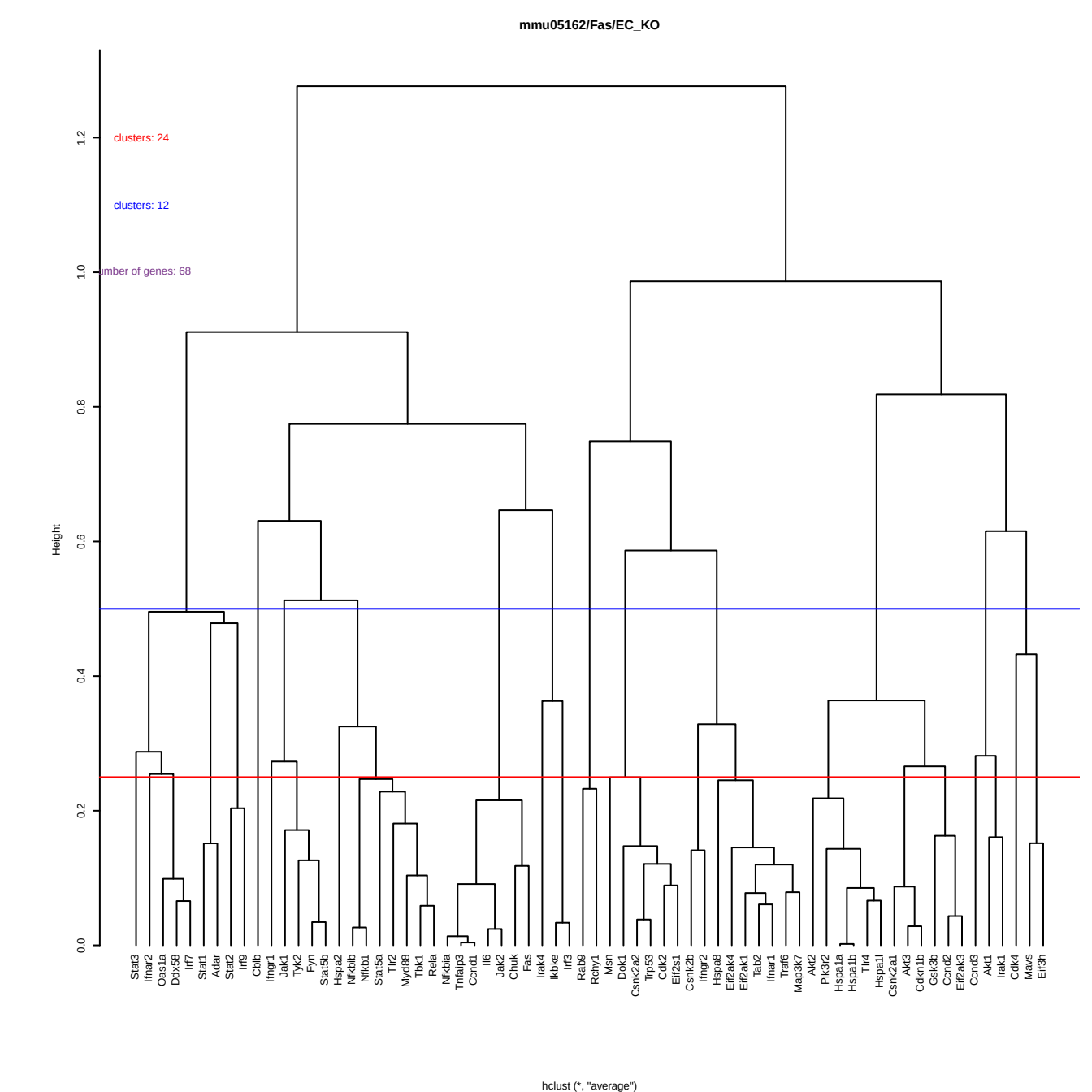

mmu05161/Fas/FAP_WT
clusters: 41
clusters: 15
mber of genes: 101
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Casp8
Src
E2f1
Bad
Akt1
Map2k2
Pik3cd
Stat2
Ddb1
Cdk4
Ddx58
Stat1
Irf7
Stat5a
Birc5
Ccna2
Rela
Bax
Trp53
Atf6b
Grb2
Ikbke
Pcna
Ifih1
Cdk2
Stat3
Myd88
Myc
Crebbp
Nfkbia
Cycs
Ccnd1
Vdac3
Tlr3
Nfatc3
Elk1
Tgfb2
Map2k4
Smad4
Cdkn1b
Raf1
Kras
Chuk
Creb1
Casp12
Ddx3x
Mapk8
Tgfbr1
Atf2
Pik3ca
Akt3
Pten
Tbk1
Pik3r1
Tlr4
Tirap
Ywhab
Mapk1
Ep300
Fos
Map2k1
Il6
Ywhaz
Nfkb1
Atf4
Fas
Apaf1
Jak1
Tgfb3
Prkca
Casp3
Ifnar1
Hspg2
Nfatc4
Egr2
Creb3l2
Ywhag
Mapk9
Ikbkg
Atp6ap1
Ddb2
Lamtor5
Ikbkb
Stat5b
Pik3r2
Akt2
Creb3l1
Casp9
Creb3
Mapk3
Irf3
Tgfb1
Ticam1
Jun
Mavs
Stat6
Cdkn1a
Creb5
Nfatc1
Nras
Tlr2
hclust (*, "average")

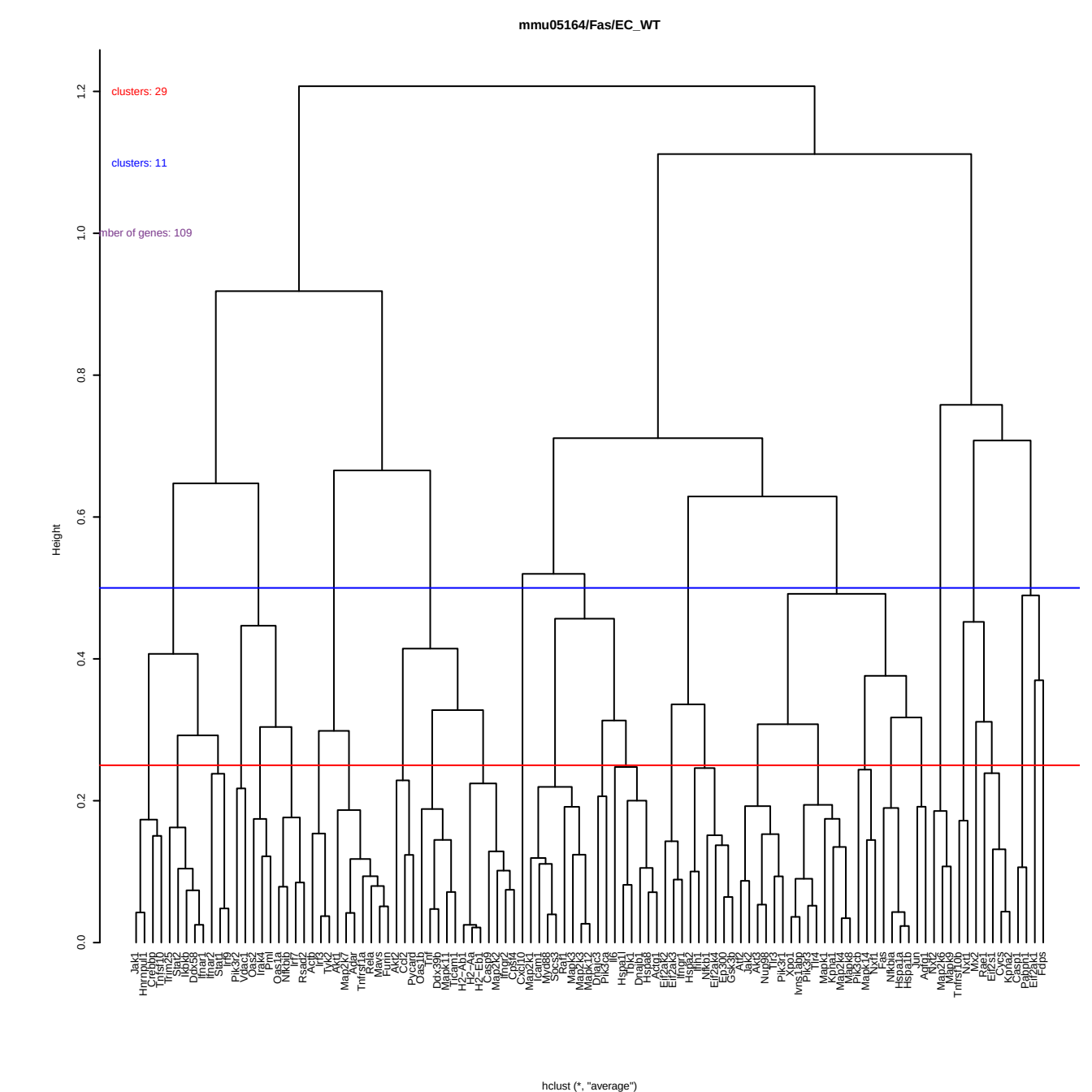

mmu05161/Fas/EC_KO
clusters: 24
clusters: 12
mber of genes: 92
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Stat1
Stat3
Ddx58
Irf7
Tgfb1
Stat2
Casp12
Lamtor5
Eif2
Ikbke
Irf3
Cdkn1a
Nfkb1
Ntatc1
Bax
Tlr2
Stat5a
Rela
Map2k2
Atf6b
Tbk1
Myc
Myd88
Akt1
Elk1
Bad
Jak1
Creb5
Mapk3
Stat5b
Stat6
Tnf4
Hspb2
Pik3r2
Map2k1
Atf4
Il6
Nfkbia
Ccnd1
Fas
Chuk
Vdac3
Birc5
Ccna2
Cycs
Pcna
Ywhaq
Cdk4
E2f1
Trp53
Casp8
Cdk2
Casp3
Ywhab
Mapk1
Faidd
Dapp1
Tgfb2
Creb3
Creb3l1
E2f3
Apaf1
Ddx3x
Prkca
Ywhaz
Map2k4
Tirap
Grb2
Kras
Mavs
Akt2
Raf1
Ikbkb
Jun
Src
Ntatc4
Fos
Mapk9
Ikbkg
Nras
Dapp2
Casp9
Smad4
Ticam1
Ifnar1
Ntatc3
Atp6ap1
Pten
Akt3
Cdkn1b
Tgfb3
Creb3l2
hclust (*, "average")

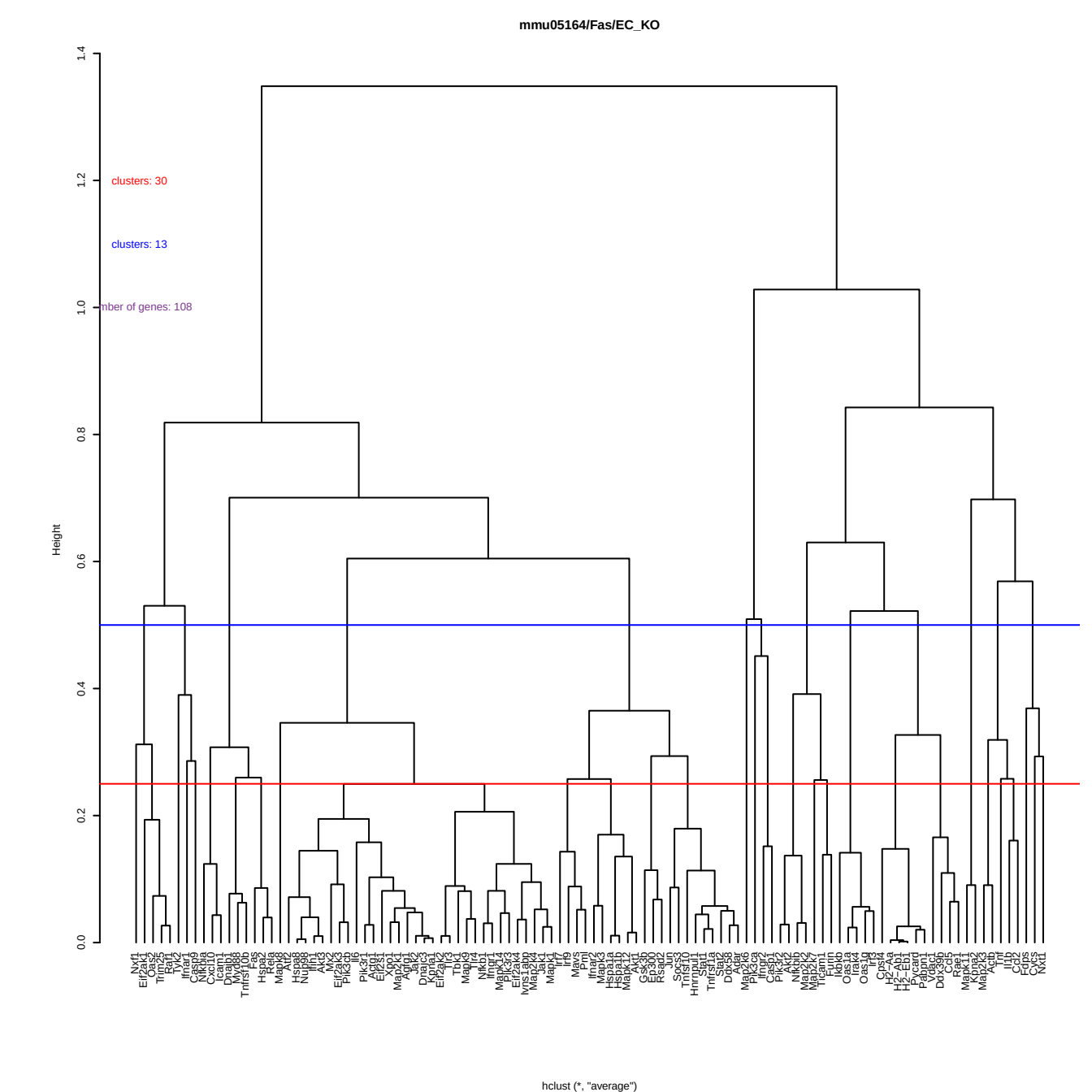

mmu05162/Fas/EC_WT
clusters: 31
clusters: 13
mber of genes: 80
Height
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Csnk2a1
Jak2
Tlr4
Pik3r3
Chuk
Nfkbia
Hspa1a
Hspa1b
Tnfaip3
Tbk1
Hspa1l
Fyn
Ccnd2
Eif2ak2
Ifngr1
Eif2ak3
Pik3ca
Hspa8
Fas
Irak1
Myd88
Ccnd3
Tnfrsf10b
Mx2
Eif2s1
Ccnd1
Il6
Cdk2
Tlr2
Dok1
Oas1b
Irf3
Tyk2
Jak3
Mavs
Rela
Adar
Akt1
Trp53
Ifngr2
Akt2
Cdk4
Stat5a
Il2rg
Oas1a
Irf7
Nfkbib
Traf6
Rab9
Pik3cb
Map3k7
Rchy1
Csnk2a2
Eif2ak1
Ifih1
Hspa2
Gsk3b
Stat3
Nfkb1
Eif2ak4
Tnfsf10
Cdkn1b
Pik3r1
Tab2
Akt3
Jak1
Pik3r2
Ifnar2
Eif3h
Cblb
Stat5b
Oas2
Irak4
Csnk2b
Stat2
Ddx58
Ifnar1
Msn
Stat1
Irf9
hclust (*, "average")

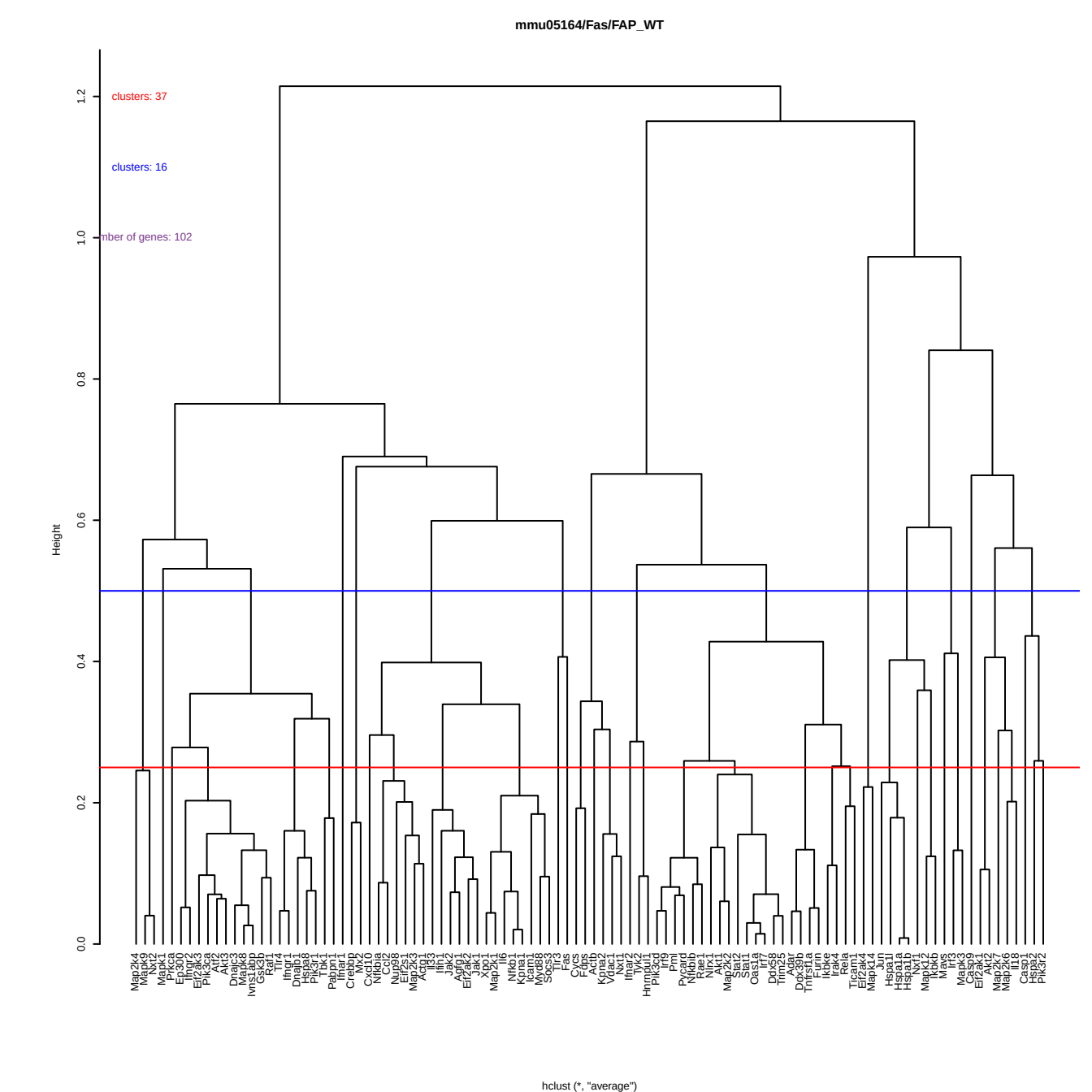

mmu05162/Fas/EC_KO
clusters: 22
clusters: 9
mber of genes: 81
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
Il2rg
Cdk2
Cdk4
Trp53
Ifnar1
Eif2ak1
Tnfsf10
Stat1
Stat2
Ddx58
Adar
Mavs
Irf7
Stat5b
Oas2
Chuk
Tbk1
Tlr4
Csnk2a1
Ccnd1
Eif2s1
Map3k7
Jak2
Jak1
Msn
Eif2ak4
Hspa8
Akt3
Ifih1
Pik3r1
Eif2ak3
Pik3cb
Traf6
Irak1
Ifngr1
Fyn
Nfkb1
Pik3r3
Eif2ak2
Cblb
Tab2
Gsk3b
Stat3
Tyk2
Ifnar2
Eif3h
Irf9
Akt1
Jak3
Hspa1a
Hspa1b
Ccnd3
Fas
Rela
Hspa2
Nfkbia
Tnfaip3
Il6
Mx2
Ccnd2
Myd88
Tnfrsf10b
Stat5a
Csnk2a2
Oas1g
Irf3
Irak4
Oas1a
Nfkbib
Cdkn1b
Csnk2b
Pik3r2
Akt2
Bbc3
Il1b
Ifngr2
Dok1
Tlr2
Pik3ca
Rab9
Rchy1
hclust (*, "average")

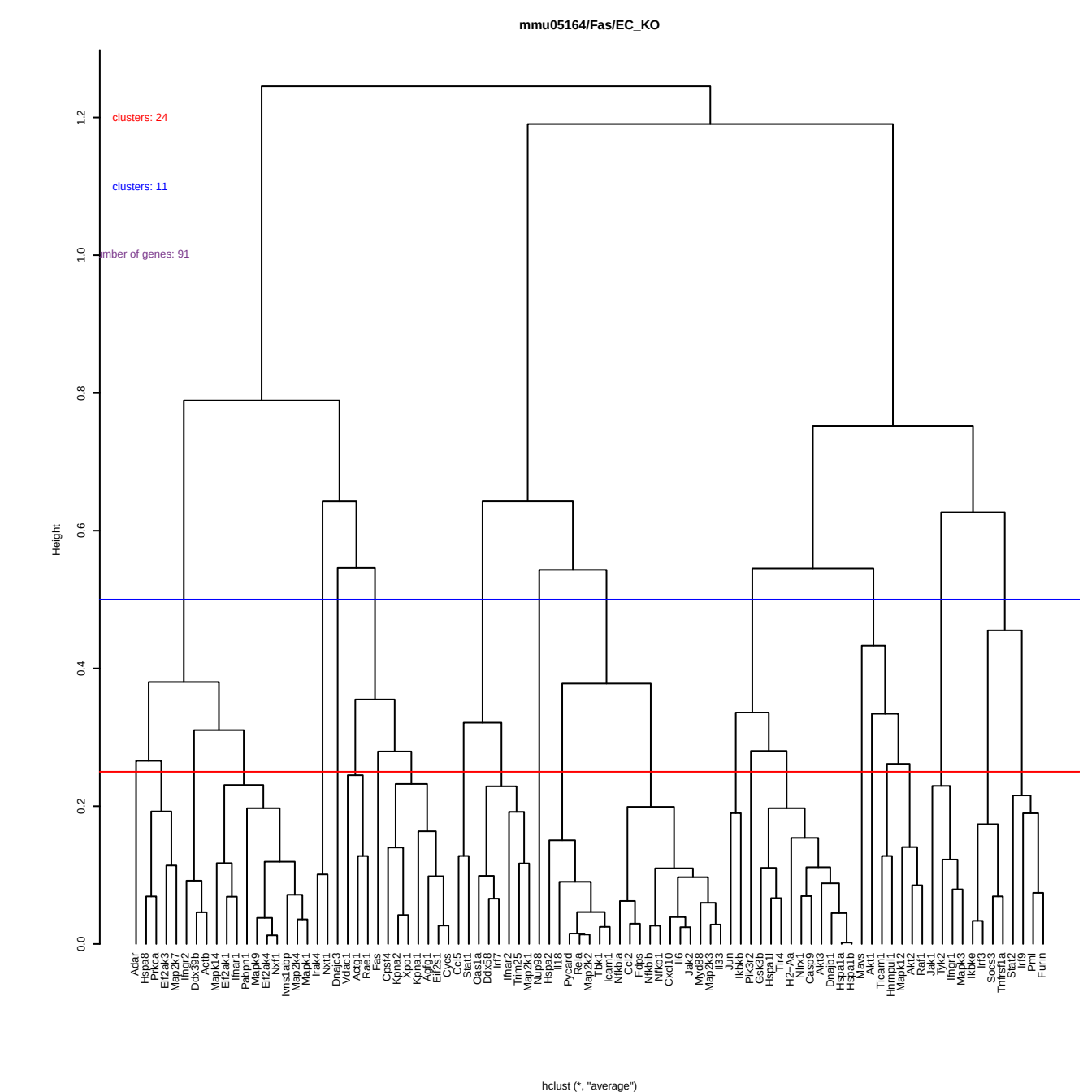

mmu05162/Fas/FAP_WT
clusters: 27
clusters: 12
mber of genes: 74
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Ccnd1
Irf3
Tyk2
Akt2
Eif2ak1
Csnk2a2
Eif3h
Csnk2b
Ifnar2
Eif2ak4
Pik3r2
Rchy1
Fyn
Stat5b
Rab9
Hspa2
Hspa1l
Hspa1a
Hspa1b
Mavs
Traf6
Tlr2
Ifngr2
Gsk3b
Akt3
Tab2
Chuk
Csnk2a1
Pik3ca
Map3k7
Cdkn1b
Tlr4
Ifngr1
Irak1
Eif2ak3
Tbk1
Ccnd2
Pik3r1
Hspa8
Stat3
Ifnar1
Eif2s1
Dok1
Myd88
Msn
Jak2
Jak1
Eif2ak2
Ifih1
Cdk2
Fas
Nfkbia
Tnfaip3
Cblb
Nfkb1
Il6
Mx2
Nfkbib
Pik3cd
Irf9
Akt1
Stat2
Stat5a
Ddx58
Stat1
Irf7
Oas1a
Ccnd3
Cdk4
Adar
Trp53
Rela
Ikbke
Irak4
hclust (*, "average")

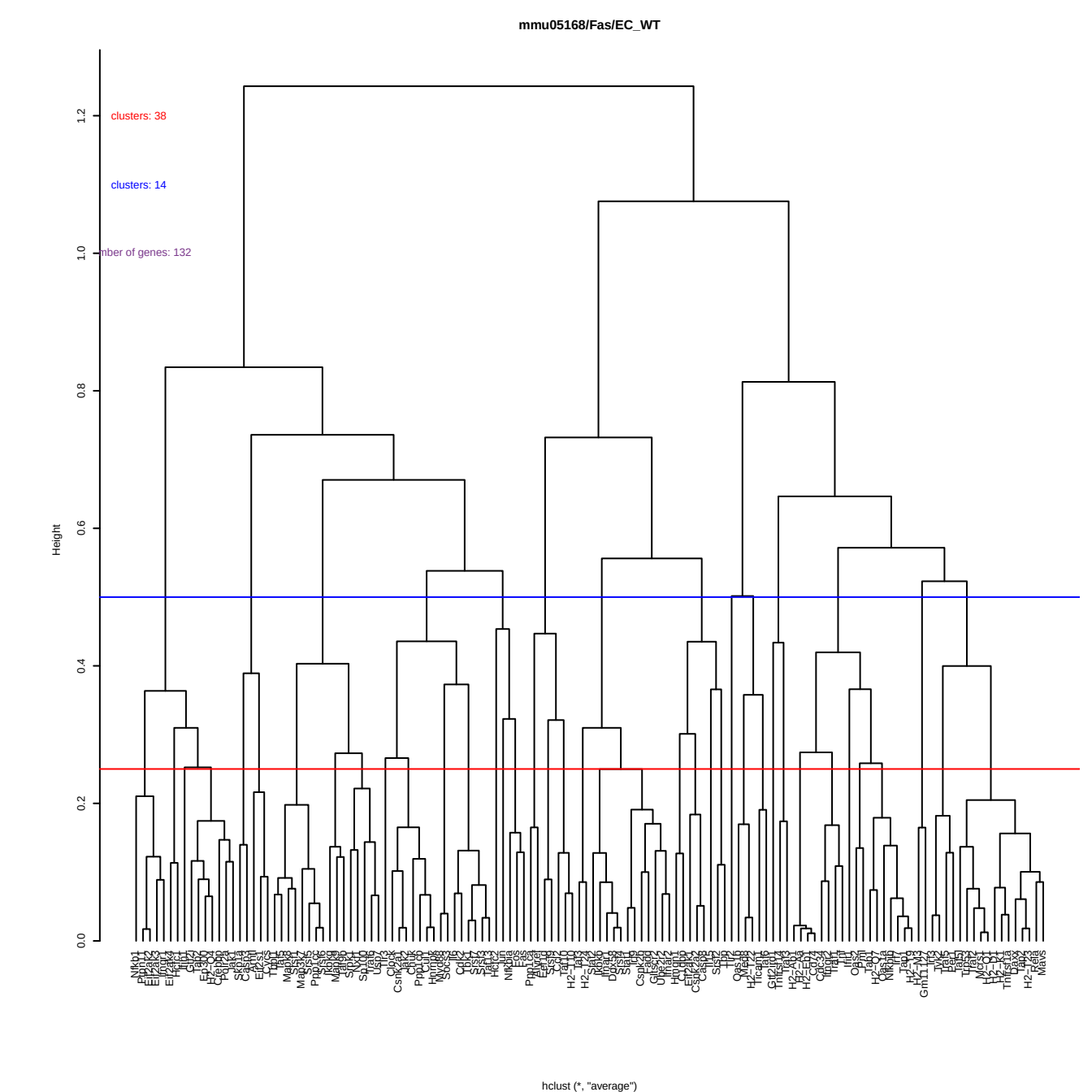

mmu05162/Fas/EC_KO
clusters: 24
clusters: 12
mber of genes: 68
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Stat3
Ifnar2
Oas1a
Ddx58
Irf7
Stat1
Adar
Stat2
Irf9
Cblb
Ifngr1
Jak1
Tyk2
Fyn
Stat5b
Hspa2
Nfkbib
Nfkb1
Stat5a
Tlr2
Myd88
Tbk1
Rela
Nfkbia
Tnfaip3
Ccnd1
Il6
Jak2
Chuk
Fas
Irak4
Ikbke
Irf3
Rab9
Rchy1
Msn
Dok1
Csnk2a2
Trp53
Cdk2
Eif2s1
Csnk2b
Ifngr2
Hspa8
Eif2ak4
Eif2ak1
Tab2
Ifnar1
Traf6
Map3k7
Akt2
Pik3r2
Hspa1a
Hspa1b
Tlr4
Hspa1l
Csnk2a1
Akt3
Cdkn1b
Gsk3b
Ccnd2
Eif2ak3
Ccnd3
Akt1
Irak1
Cdk4
Mavs
Eif3h
hclust (*, "average")

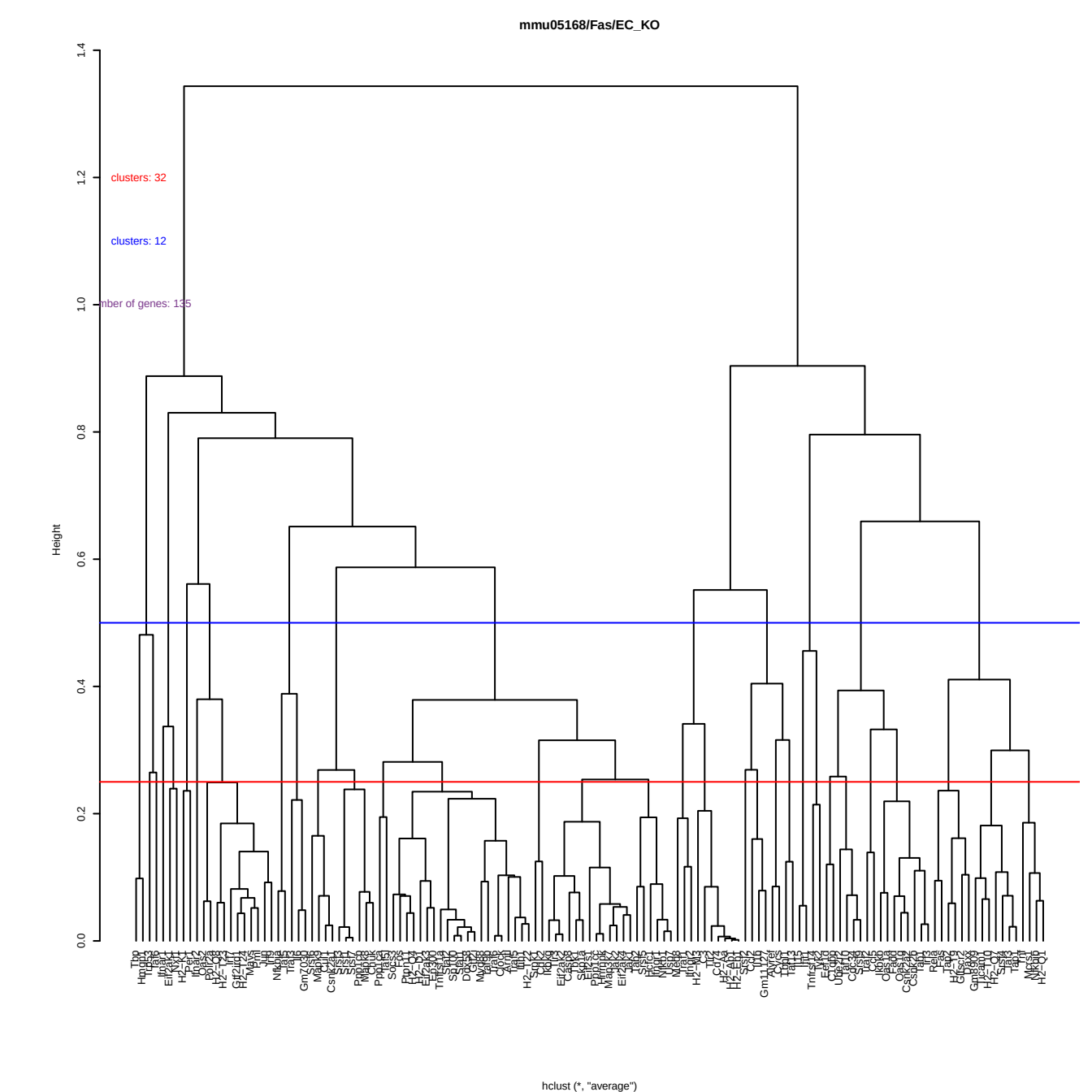

mmu05164/Fas/EC_WT
clusters: 29
clusters: 11
mber of genes: 109
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Jak1
Hnrnpul1
Crebbp
Tnfsf10
Tlim25
Stat2
Ikbkb
Ddx58
Ifnar1
Ifnar2
Stat1
Irf9
Pik3r2
Vdac1
Oas2
Irak4
Pml
Oas1a
Nfkbib
Irf7
Rsad2
Acib
Irf3
Tyk2
Akt1
Map2k7
Adar
Tnfrsf1a
Rela
Mavs
Furin
Akt2
Ccl2
Pycard
Oas1b
Tnf
Ddx39b
Mapk11
Tlcam1
H2-Ab1
H2-Aa
H2-Eb1
Casp9
Map2k2
Ifng2
Cpsf4
Cxcl10
Map2k1
Ikcam1
Myd88
Socs3
Raf1
Mapk3
Mapk12
Mapk13
Dnajc3
Pik3ca
Ifi6
Hspa1l
Tbk1
Dnaib1
Hspa8
Actg1
Elf2ak2
Elf2ak3
Ifngr1
Hspa2
Ifih1
Nfkb1
Elf2ak4
Ep300
Gsk3b
Atf2
Jak2
Akt3
Nup98
Tf3
Pik3r1
Xpo1
Ivns1abp
Pik3r3
Tlr4
Mapk1
Kpna1
Map2k4
Mapk8
Pik3cb
Mapk14
Nxf1
Fas
Nfkba
Hspa1a
Hspa1b
Jun
Agfg1
Nxt2
Map2k6
Mapk9
Tnfrsf10b
Nxt1
Mx2
Rae1
Elf2s1
Cycs
Kpna2
Casp1
Pcapn1
Elf2ak1
Fdps
hclust (*, "average")

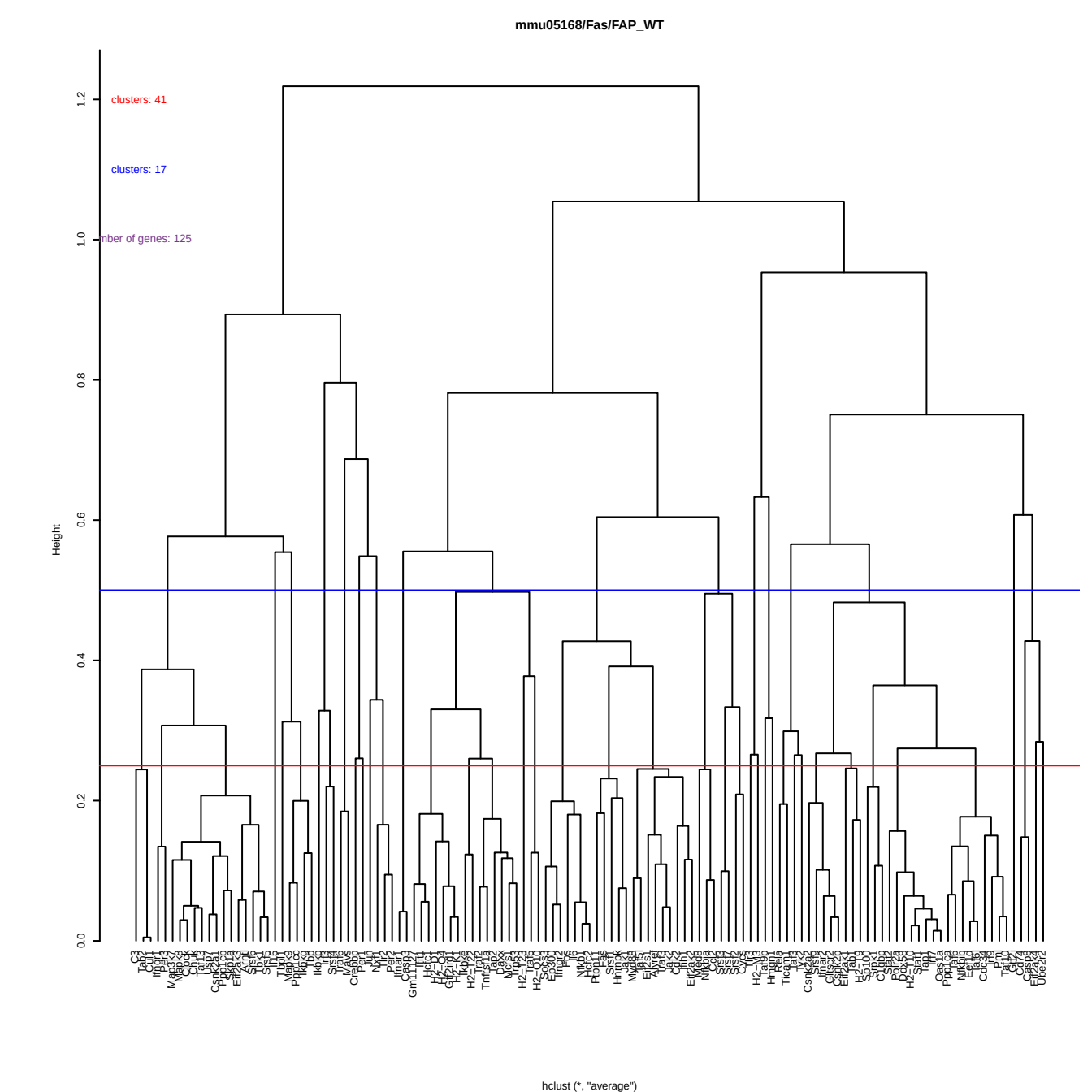

mmu05164/Fas/EC_KO
clusters: 30
clusters: 13
nber of genes: 108
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
hclust (*, "average")

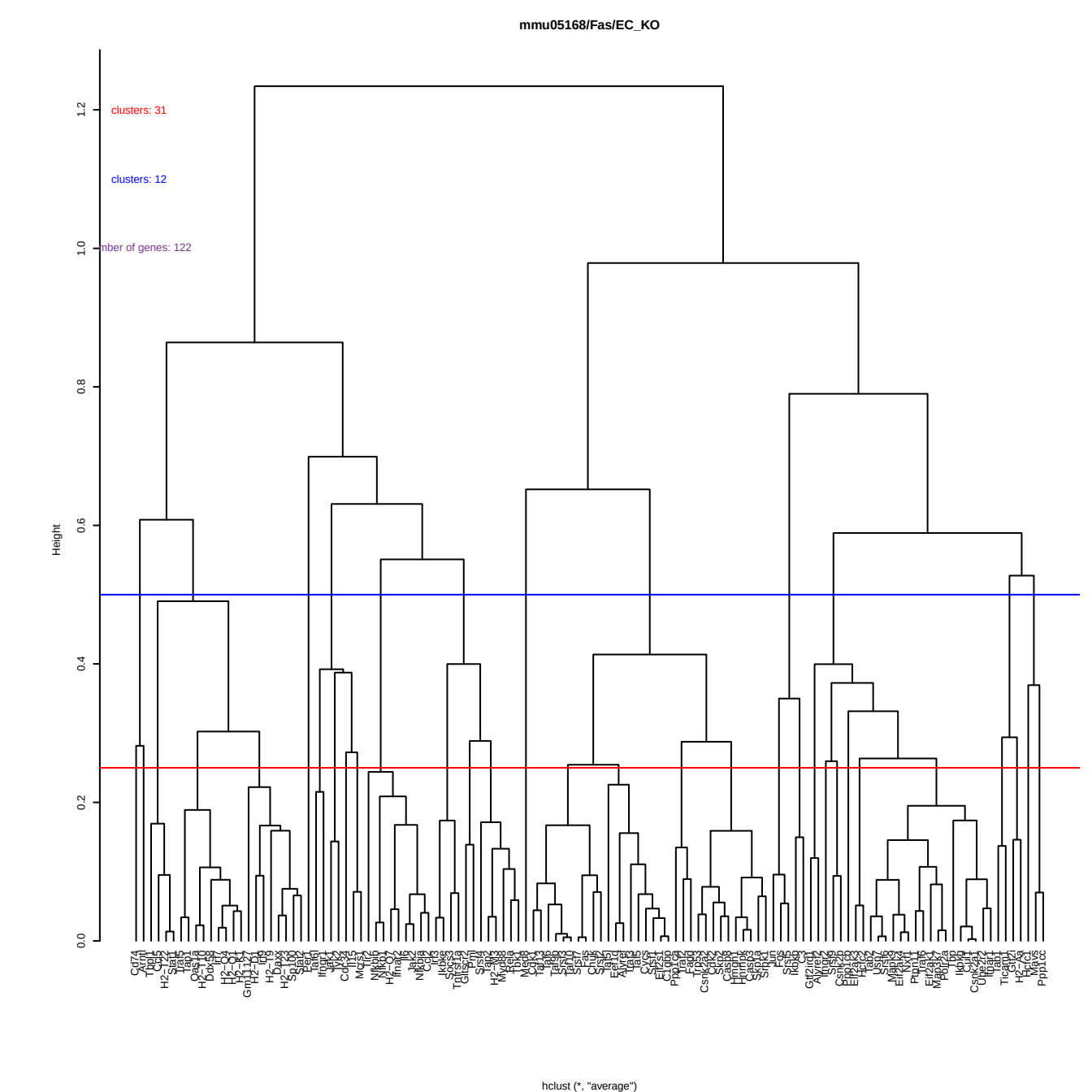

mmu05164/Fas/FAP_WT
clusters: 37
clusters: 16
mber of genes: 102
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Map2k4
Mapk9
Nxt2
Mapk1
Prkca
Ep300
Ifngr2
Eif2ak3
Pik3ca
Atf2
Akt3
Dnajc3
Mapk8
Ivns1abp
Gsk3b
Raf1
Tlr4
Ifngr1
Dnajb1
Hspa8
Pik3r1
Tbk1
Pabpn1
Ifnar1
Crebbp
Mx2
Cxcl10
Nfkbia
Ccl2
Nup98
Eif2s1
Map2k3
Actg1
Il33
Ifih1
Jak2
Agfg1
Eif2ak2
Jak1
Xpo1
Map2k1
Il6
Nfkb1
Kpna1
Icam1
Myd88
Socs3
Tlr3
Fas
Cycs
Fdps
Actb
Kpna2
Vdac1
Nxt1
Ifnar2
Tyk2
Hnrnpul1
Pik3cd
Irf9
Pml
Pycard
Nfkbib
Rae1
Nlrx1
Akt1
Map2k2
Stat2
Stat1
Oas1a
Irf7
Ddx58
Trim25
Adar
Ddx39b
Tnfrsf1a
Furin
Ikbke
Irak4
Rela
Ticam1
Eif2ak4
Mapk14
Jun
Hspa1l
Hspa1a
Hspa1b
Nxf1
Mapk12
Ikbkb
Mavs
Irf3
Mapk3
Casp9
Eif2ak1
Akt2
Map2k7
Map2k6
Il18
Casp1
Hspa2
Pik3r2
hclust (*, "average")

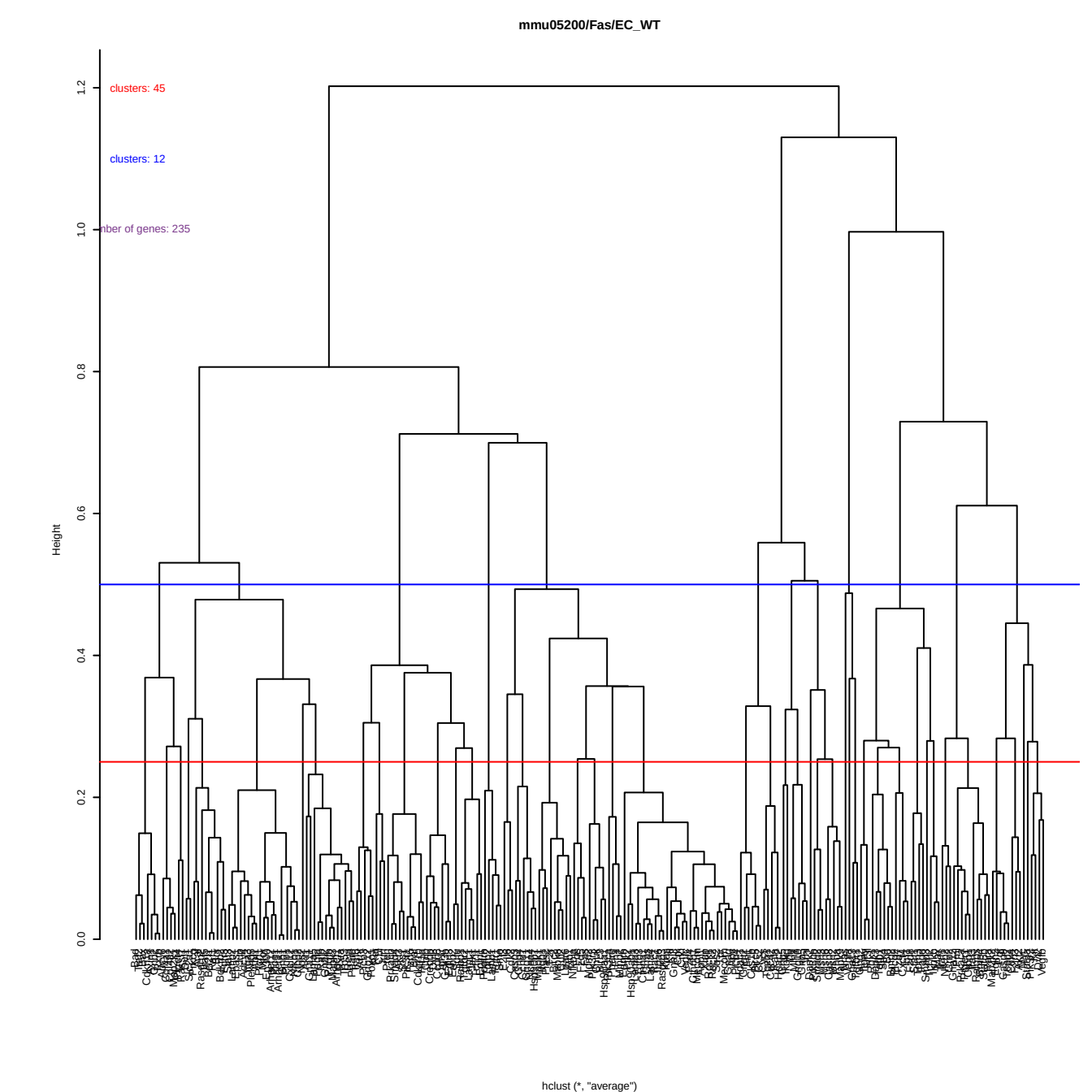

mmu05164/Fas/EC_KO
clusters: 24
clusters: 11
mber of genes: 91
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Adar
Hspa8
Prkca
Eif2ak3
Map2k7
Ifngr2
Ddx39b
Actb
Map4k4
Eif2ak1
Ifnar1
Pabpn1
Mapk9
Eif2ak4
Nxt1
Ivns1abp
Map2k4
Mapk14
Irak4
Nxt1
Dnajc3
Vdac1
Actg1
Rae1
Fas
Cpsf4
Xpo1
Kpna1
Agfg1
Eif2s1
Cycs
Ccl5
Stat1
Oas1a
Ddx58
Irf7
Ifnar2
Trim25
Map2k1
Nup98
Hspa2
Il18
Pycard
Rela
Map2k2
Tbk1
Icam1
Nfkbia
Ccl2
Fdps
Nfkbib
Nfkb1
Cxcl10
Il6
Jak2
Myd88
Map2k3
Il33
Jun
Ikbkb
Pik3r1
Gsk3b
Hspa1l
Tir4
H2−Aa
Nlrx1
Casp9
Akt3
Dnaja1
Hspa1b
Hspa1b
Mavs
Akt1
Ticam1
Hnrnpul1
Mapk12
Akt2
Rac1
Jak1
Tyk2
Ifngr1
Mapk3
Ikbke
Irf3
Socs3
Tnfrsf1a
Stat2
Irf9
Prnl
Furin
hclust (*, "average")

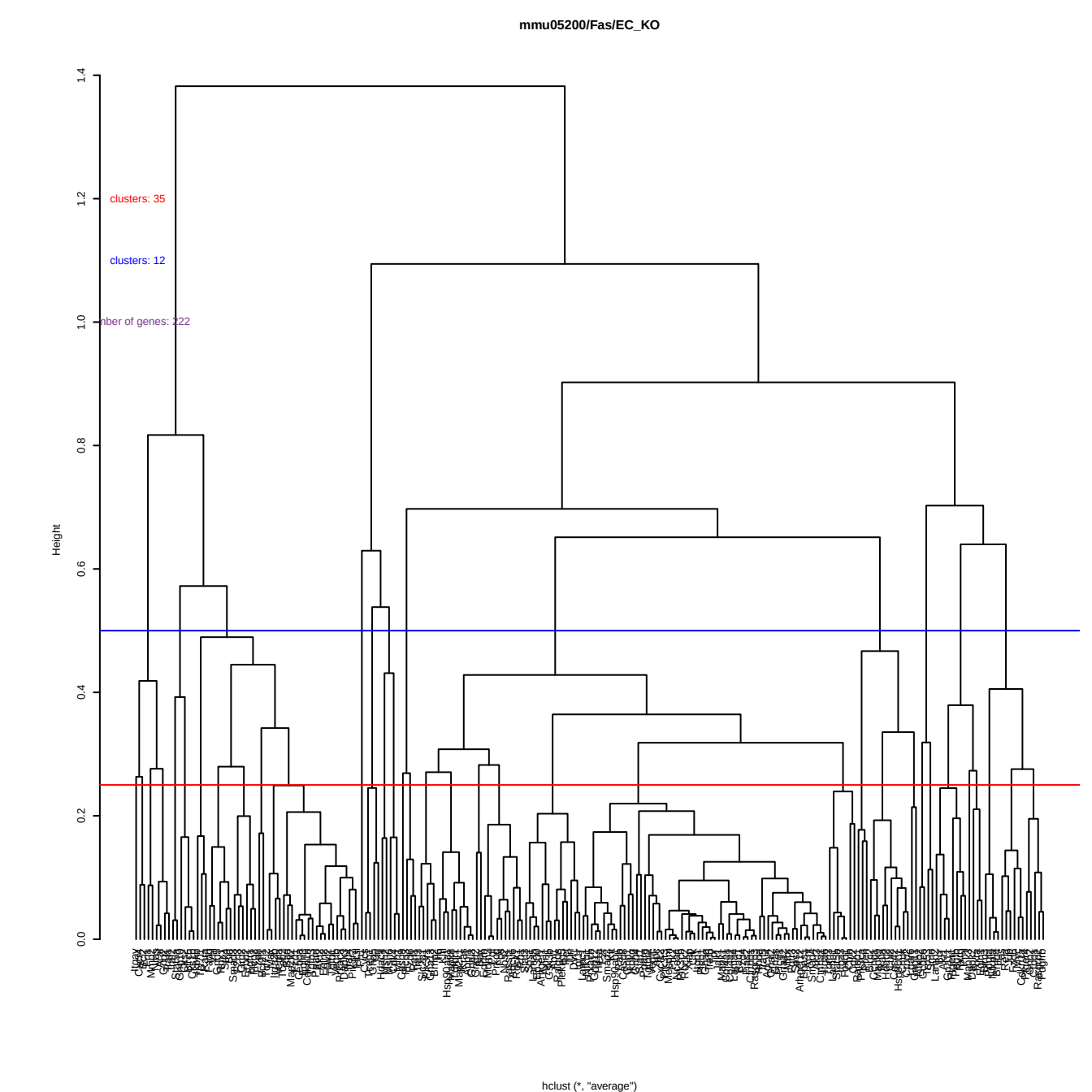

mmu05168/Fas/EC_WT
clusters: 38
clusters: 14
nber of genes: 132
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

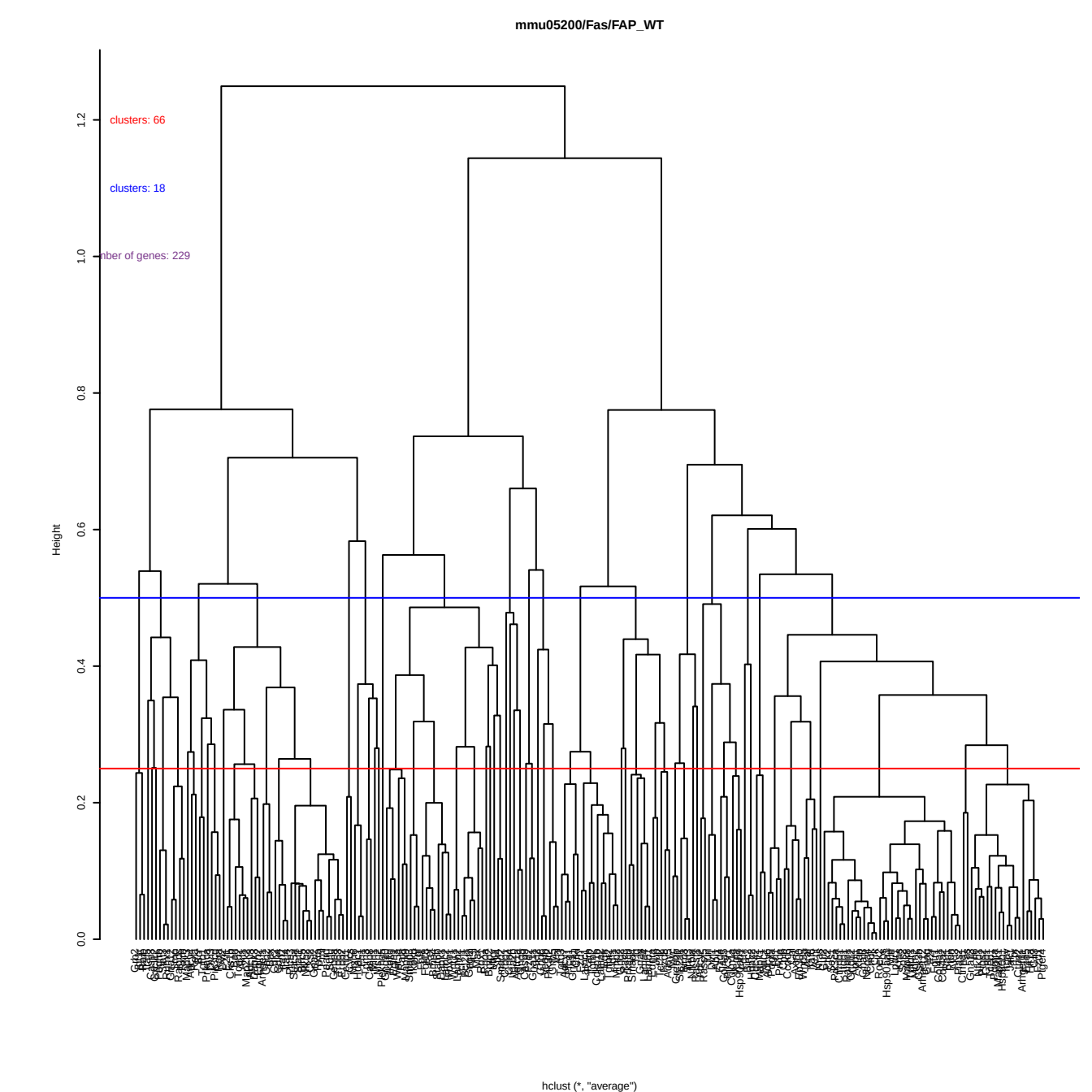

mmu05168/Fas/EC_KO
clusters: 32
clusters: 12
nber of genes: 135
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
hclust (*, "average")

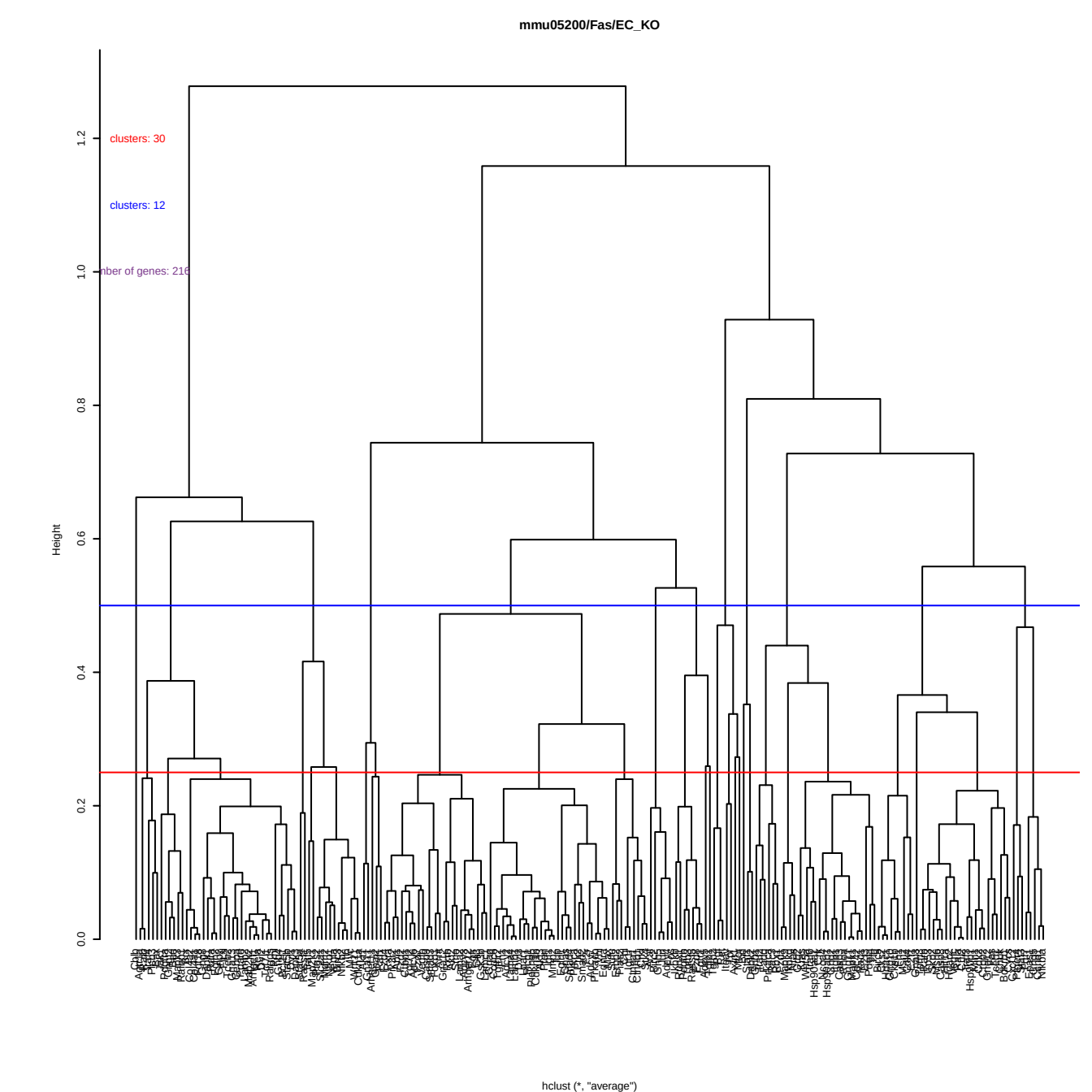

mmu05168/Fas/FAP_WT
clusters: 41
clusters: 17
nber of genes: 125
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

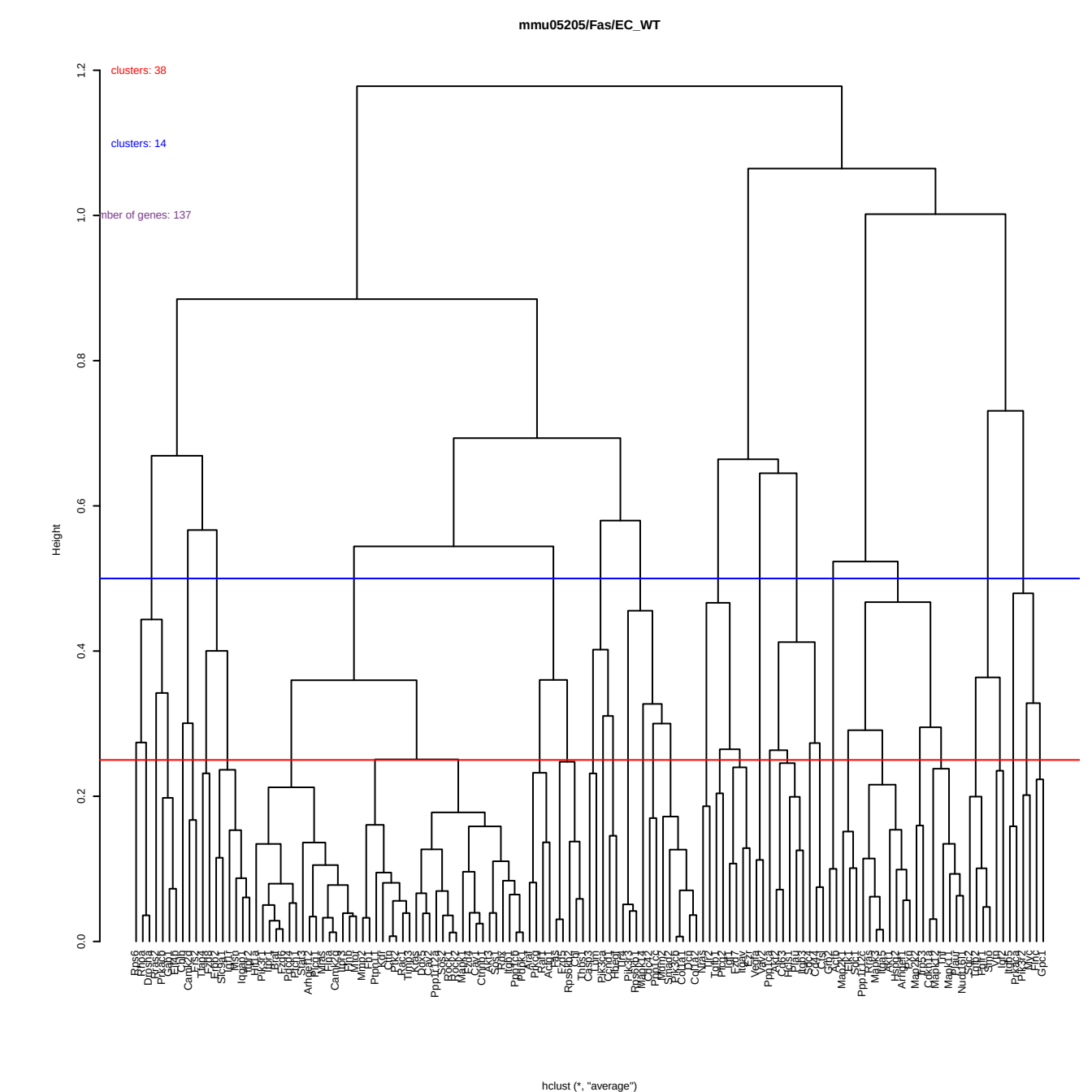

mmu05168/Fas/EC_KO
clusters: 31
clusters: 12
nber of genes: 122
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

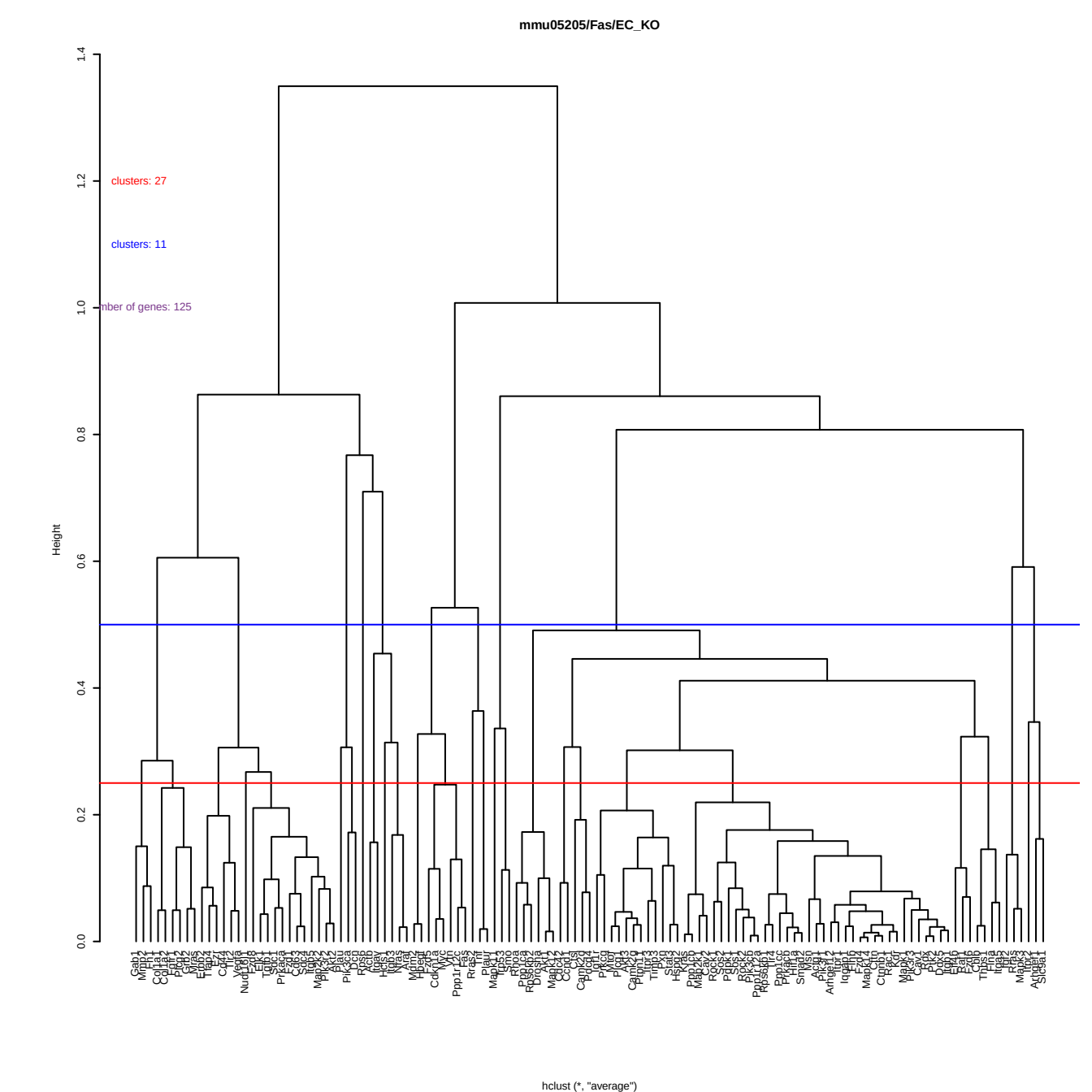

mmu05200/Fas/EC_WT
clusters: 45
clusters: 12
nber of genes: 235
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

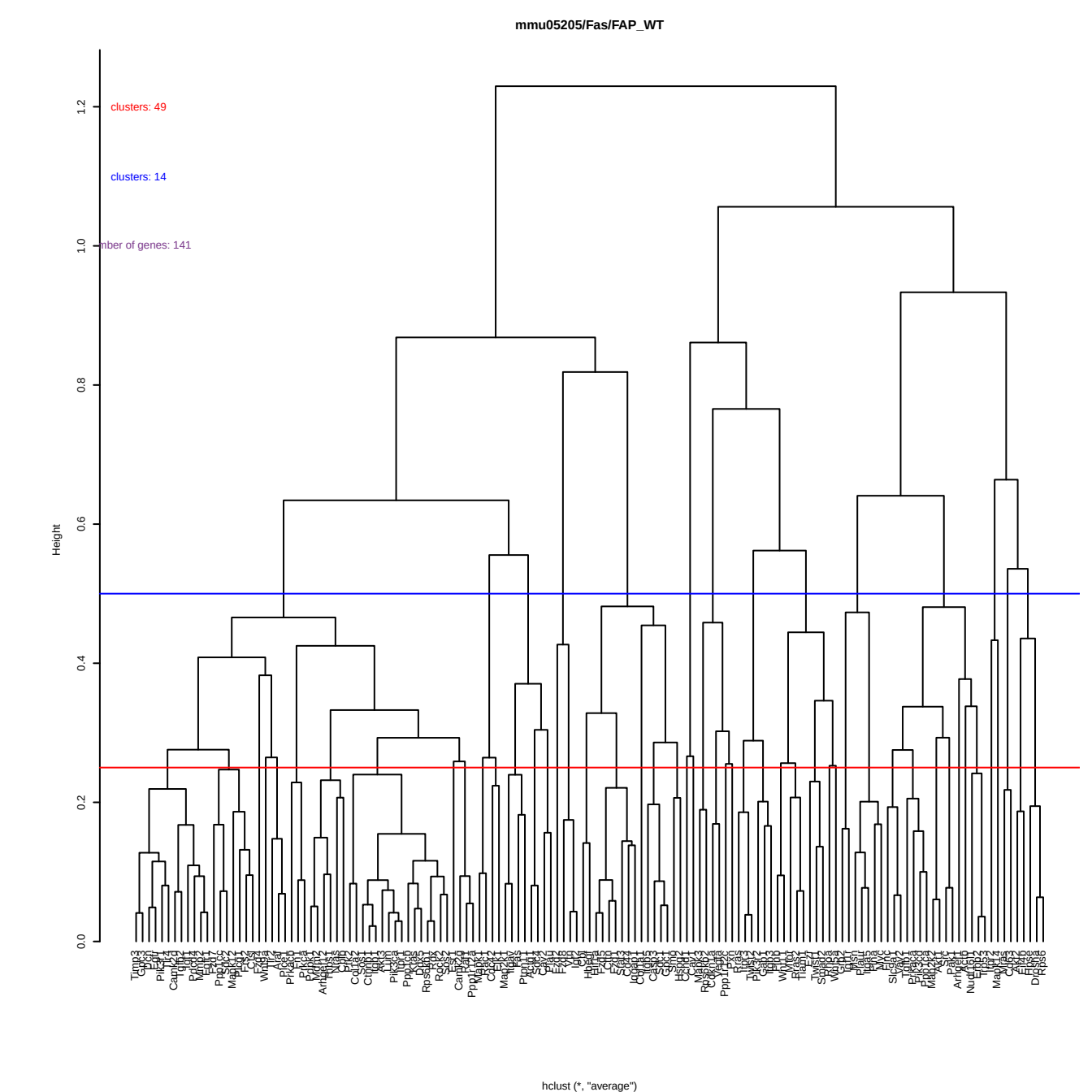

mmu05200/Fas/EC_KO
clusters: 35
clusters: 12
nber of genes: 222
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
hclust (*, "average")

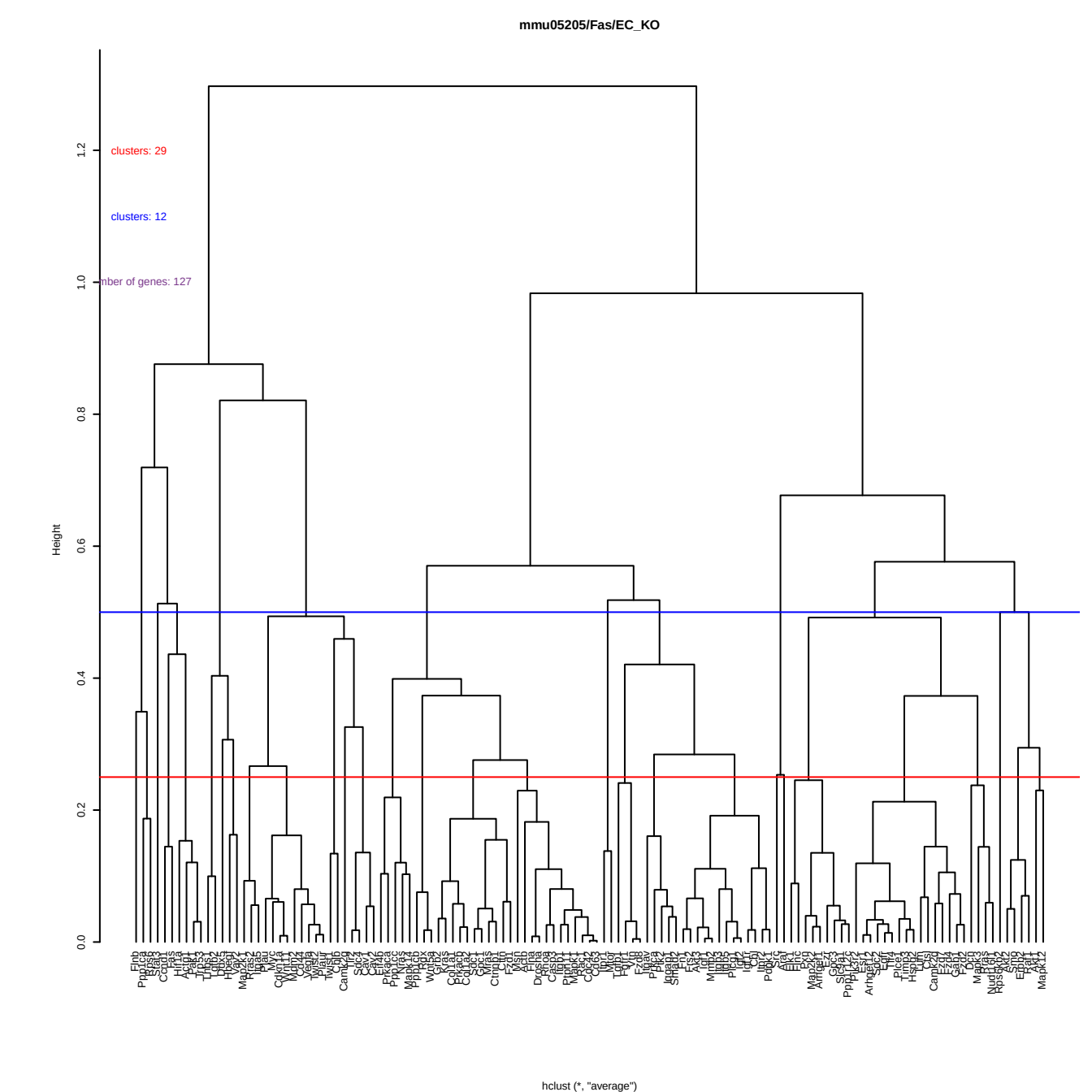

mmu05200/Fas/FAP_WT
clusters: 66
clusters: 18
nber of genes: 229
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

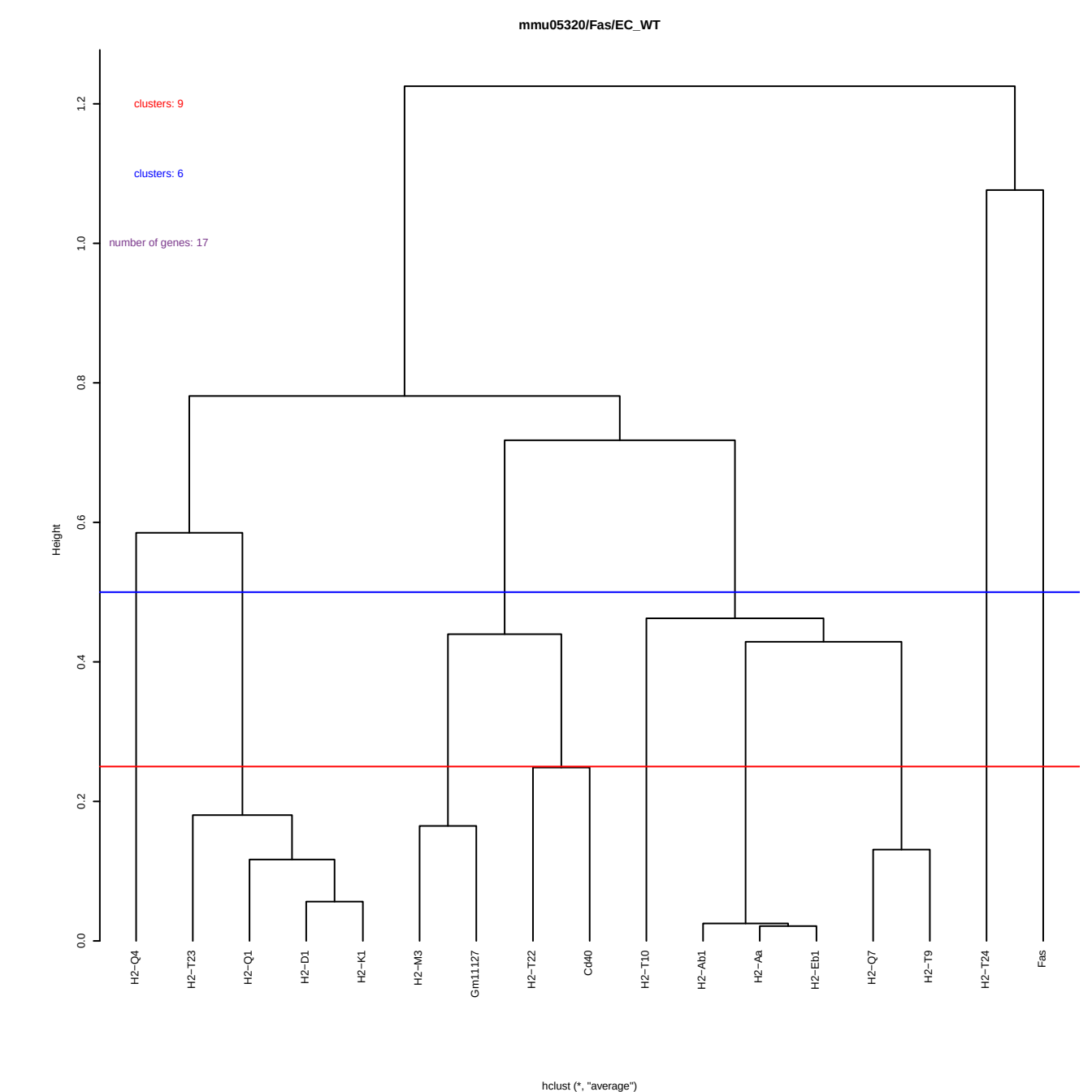

mmu05200/Fas/EC_KO
clusters: 30
clusters: 12
nber of genes: 216
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

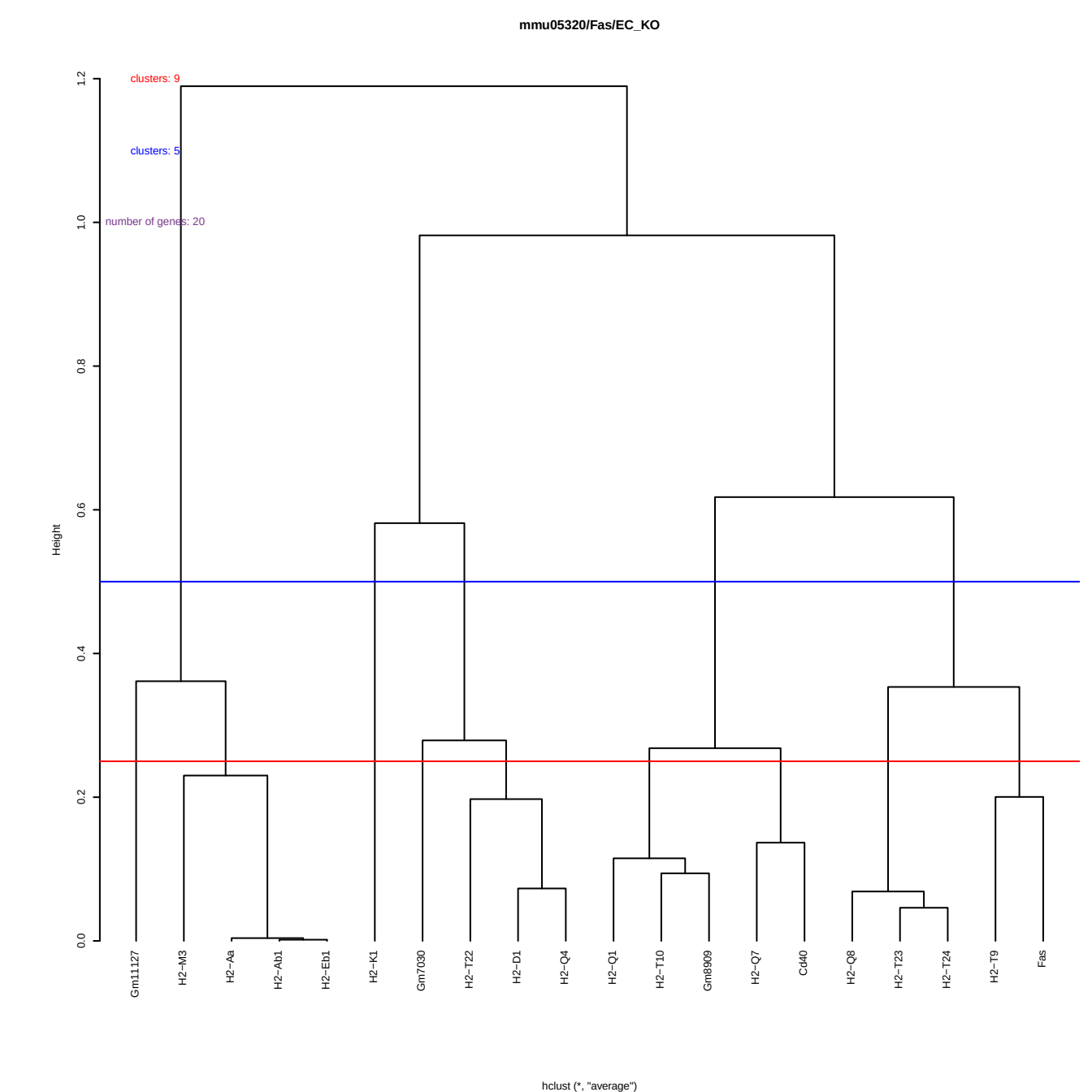

mmu05205/Fas/EC_WT
clusters: 38
clusters: 14
nber of genes: 137
Height
1.2
1.0
0.8
0.6
0.4
0.2
0.0
hclust (*, "average")

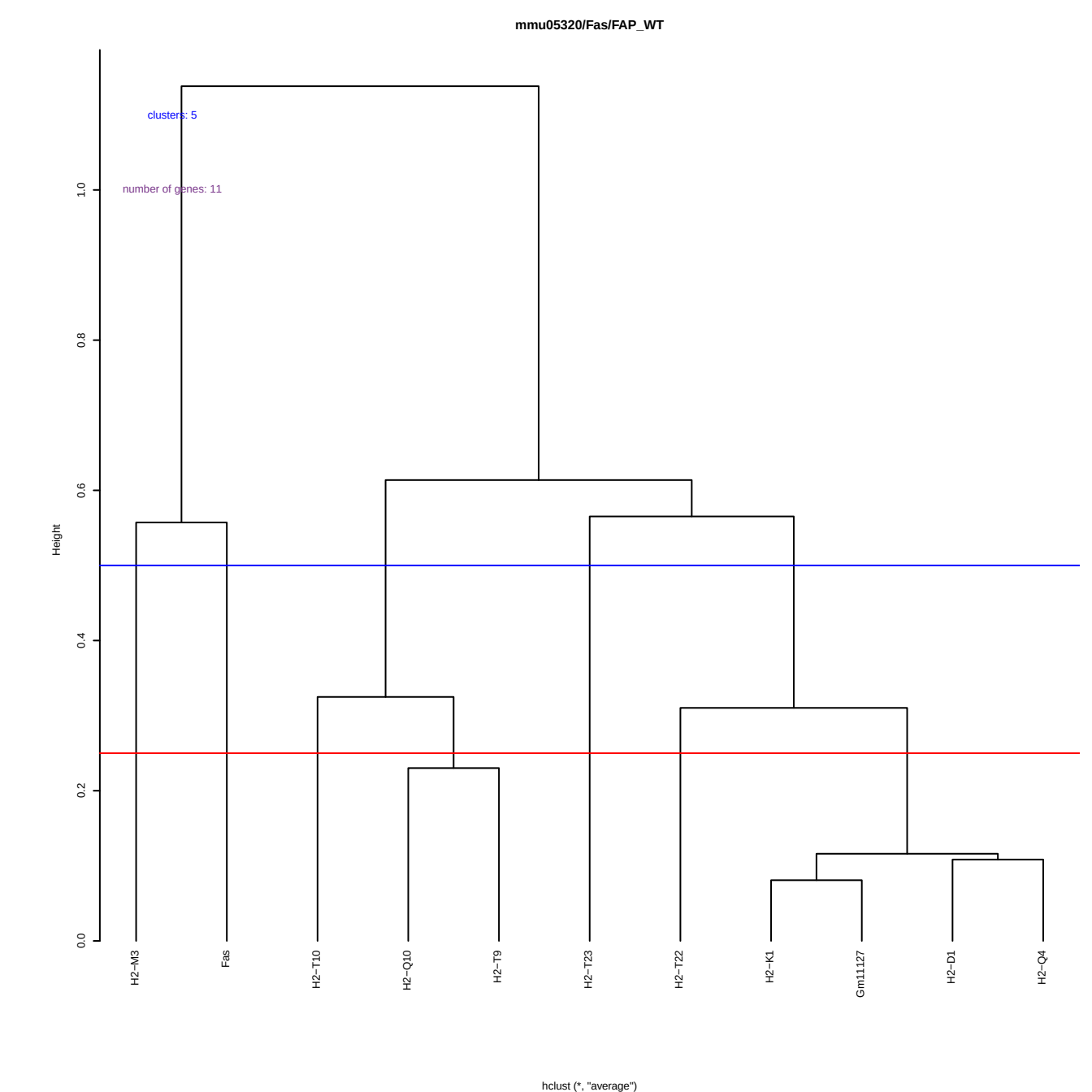

mmu05205/Fas/EC_KO
clusters: 27
clusters: 11
nber of genes: 125
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
hclust (*, "average")

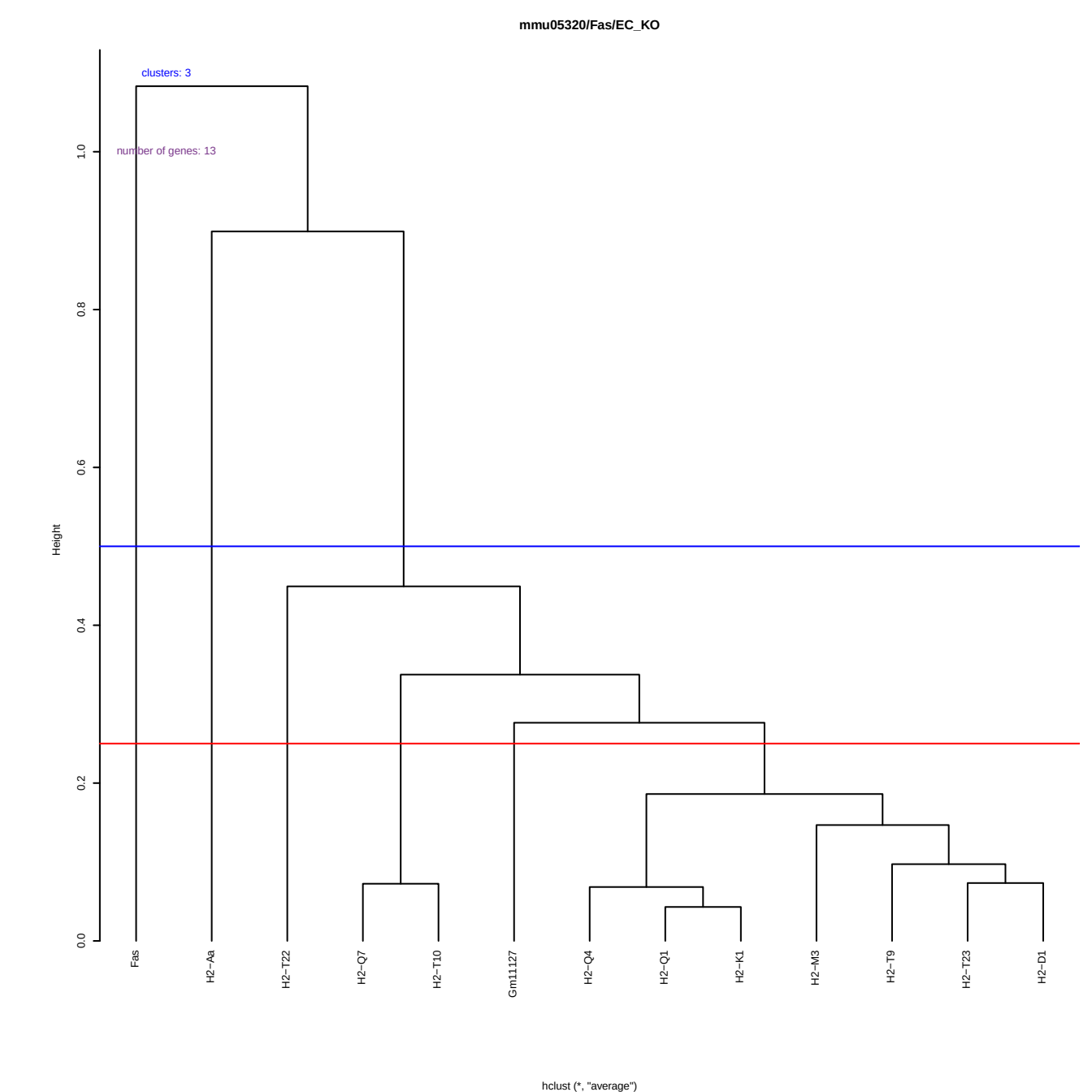

mmu05205/Fas/FAP_WT
clusters: 49
clusters: 14
nber of genes: 141
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

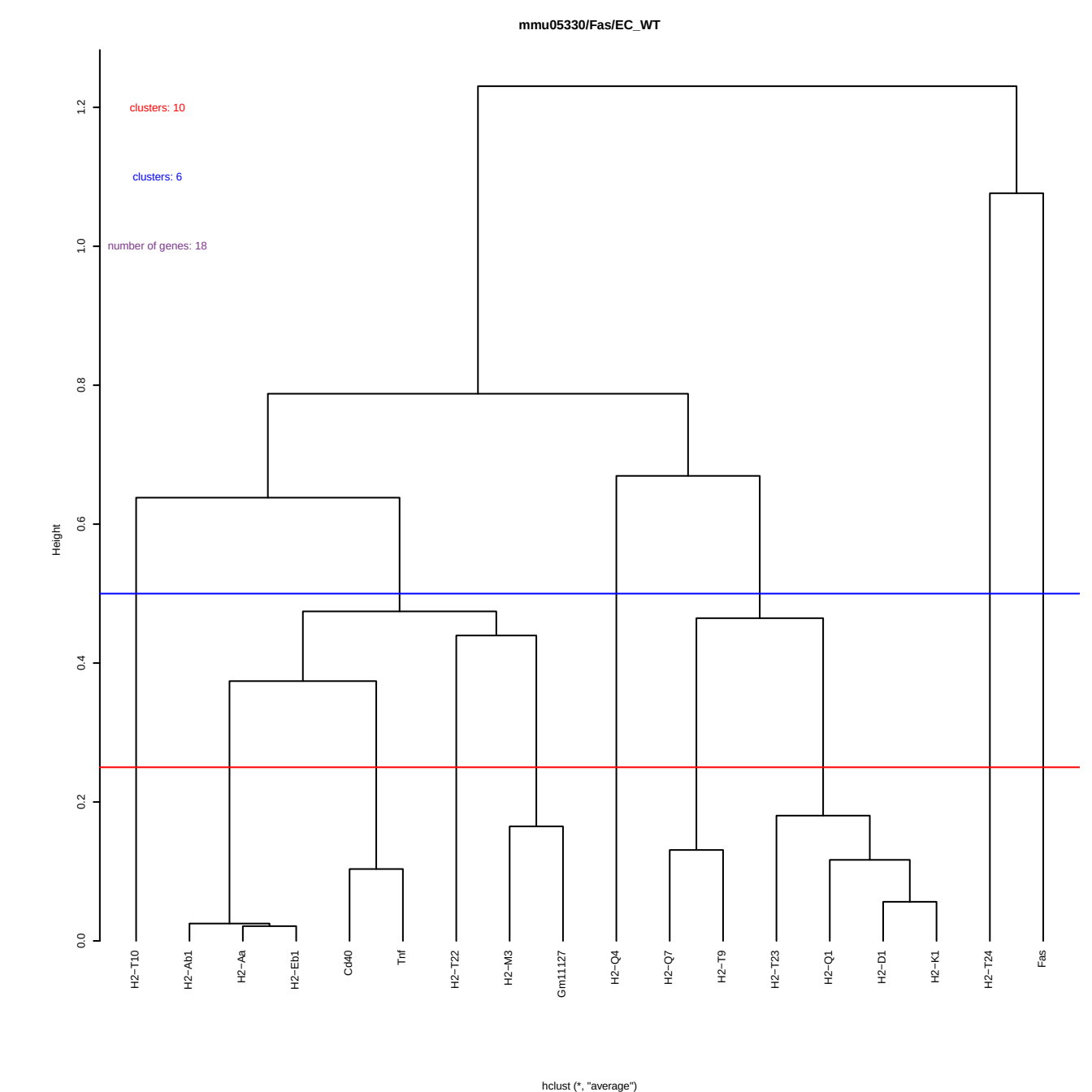

mmu05205/Fas/EC_KO
clusters: 29
clusters: 12
nber of genes: 127
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
hclust (*, "average")

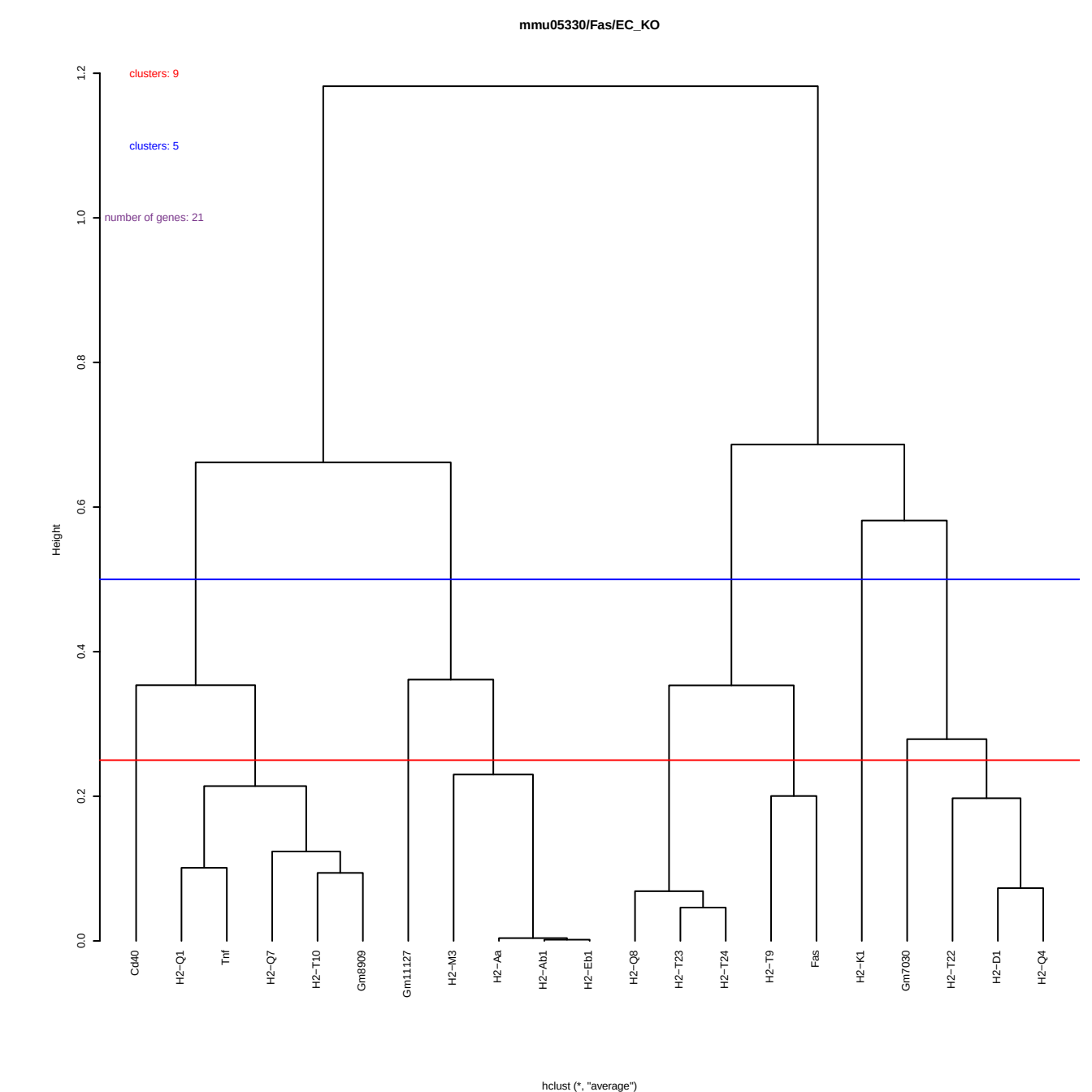

mmu05320/Fas/EC_WT
clusters: 9
clusters: 6
number of genes: 17
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
H2−Q4
H2−T23
H2−Q1
H2−D1
H2−K1
H2−M3
Gm11127
H2−T22
Cd40
H2−T10
H2−Ab1
H2−Aa
H2−Eb1
H2−Q7
H2−T9
H2−T24
Fas
hclust (*, "average")

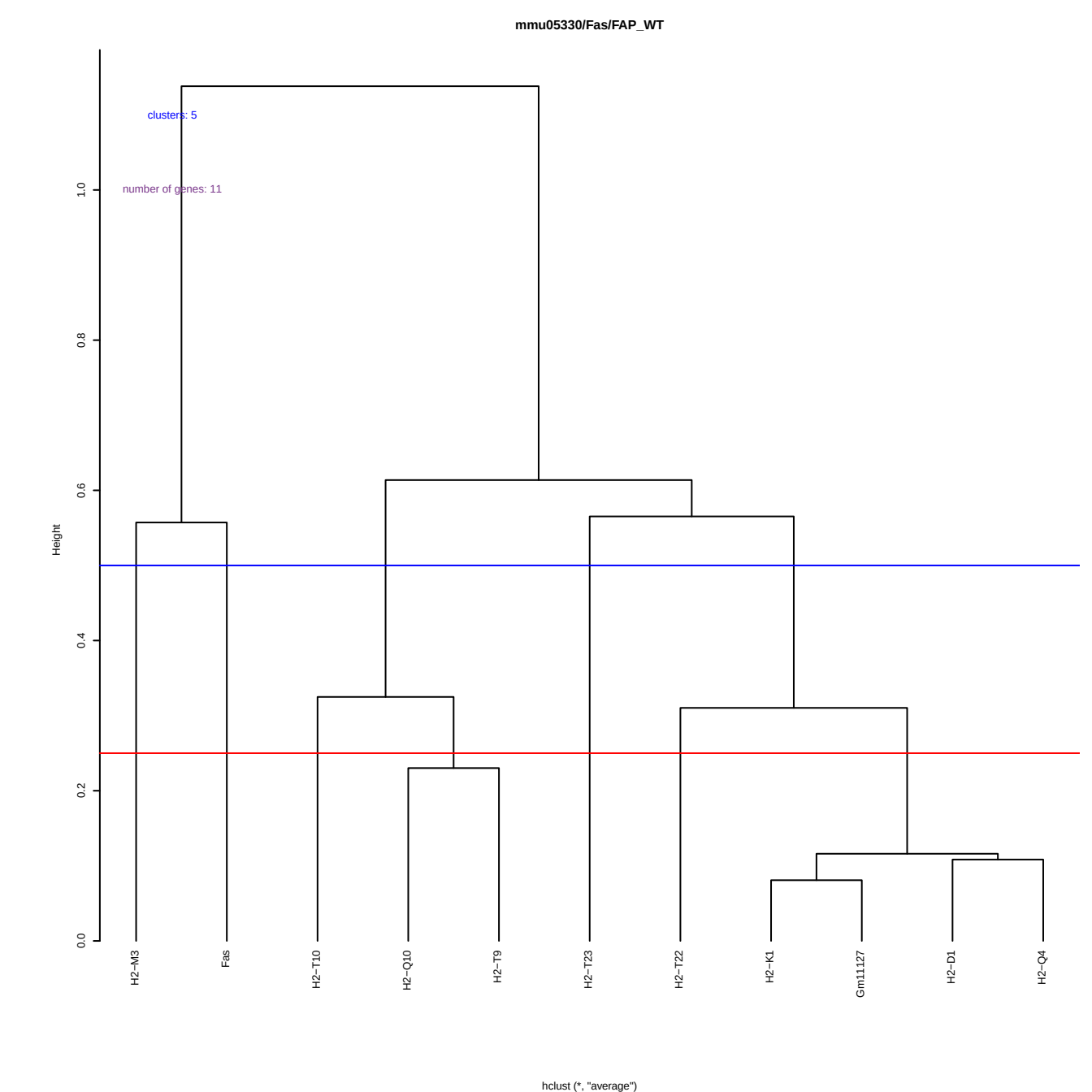

mmu05320/Fas/EC_KO
clusters: 9
clusters: 5
number of genes: 20
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Gm11127
H2−M3
H2−Aa
H2−Ab1
H2−Eb1
H2−K1
Gm7030
H2−T22
H2−D1
H2−Q4
H2−Q1
H2−T10
Gm8909
H2−Q7
Cd40
H2−Q8
H2−T23
H2−T24
H2−T9
Fas
hclust (*, "average")

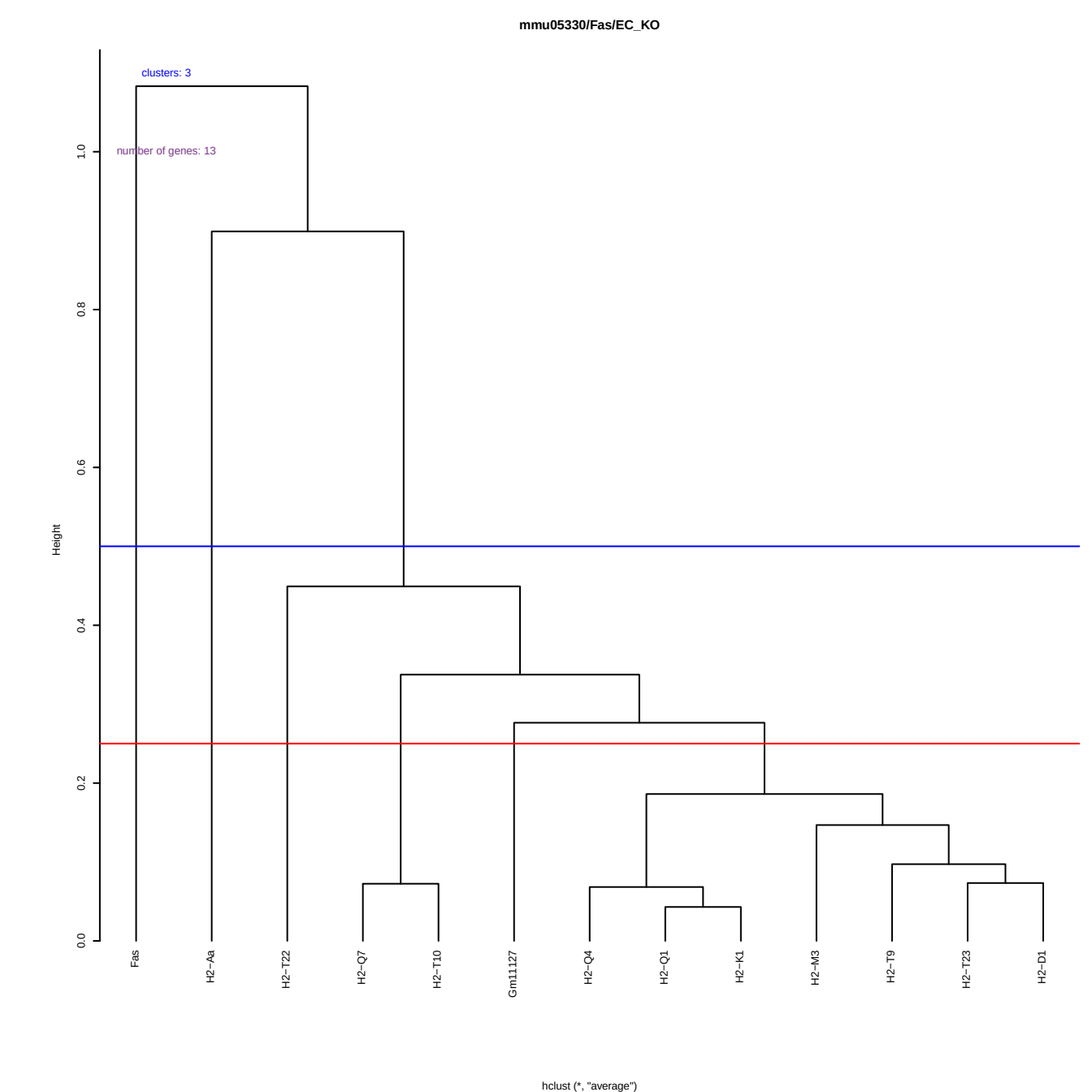

mmu05320/Fas/FAP_WT
clusters: 5
number of genes: 11
Height
0.0
0.2
0.4
0.6
0.8
1.0
H2−M3
Fas
H2−T10
H2−Q10
H2−T9
H2−T23
H2−T22
H2−K1
Gm11127
H2−D1
H2−Q4
hclust (*, "average")

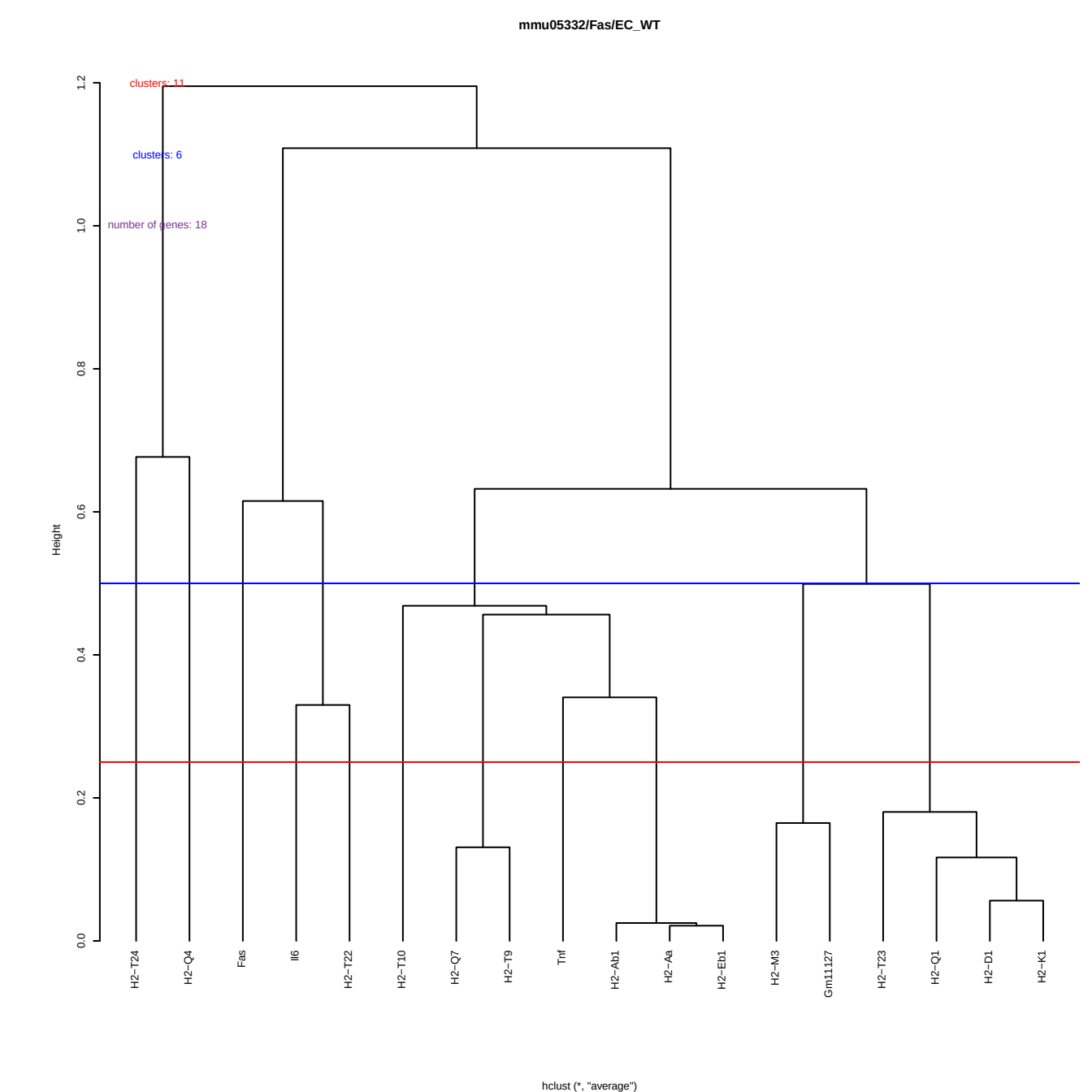

mmu05320/Fas/EC_KO
clusters: 3
number of genes: 13
Height
0.0
0.2
0.4
0.6
0.8
1.0
Fas
H2−Aa
H2−T22
H2−Q7
H2−T10
Gm11127
H2−Q4
H2−Q1
H2−K1
H2−M3
H2−T9
H2−T23
H2−D1
hclust (*, "average")

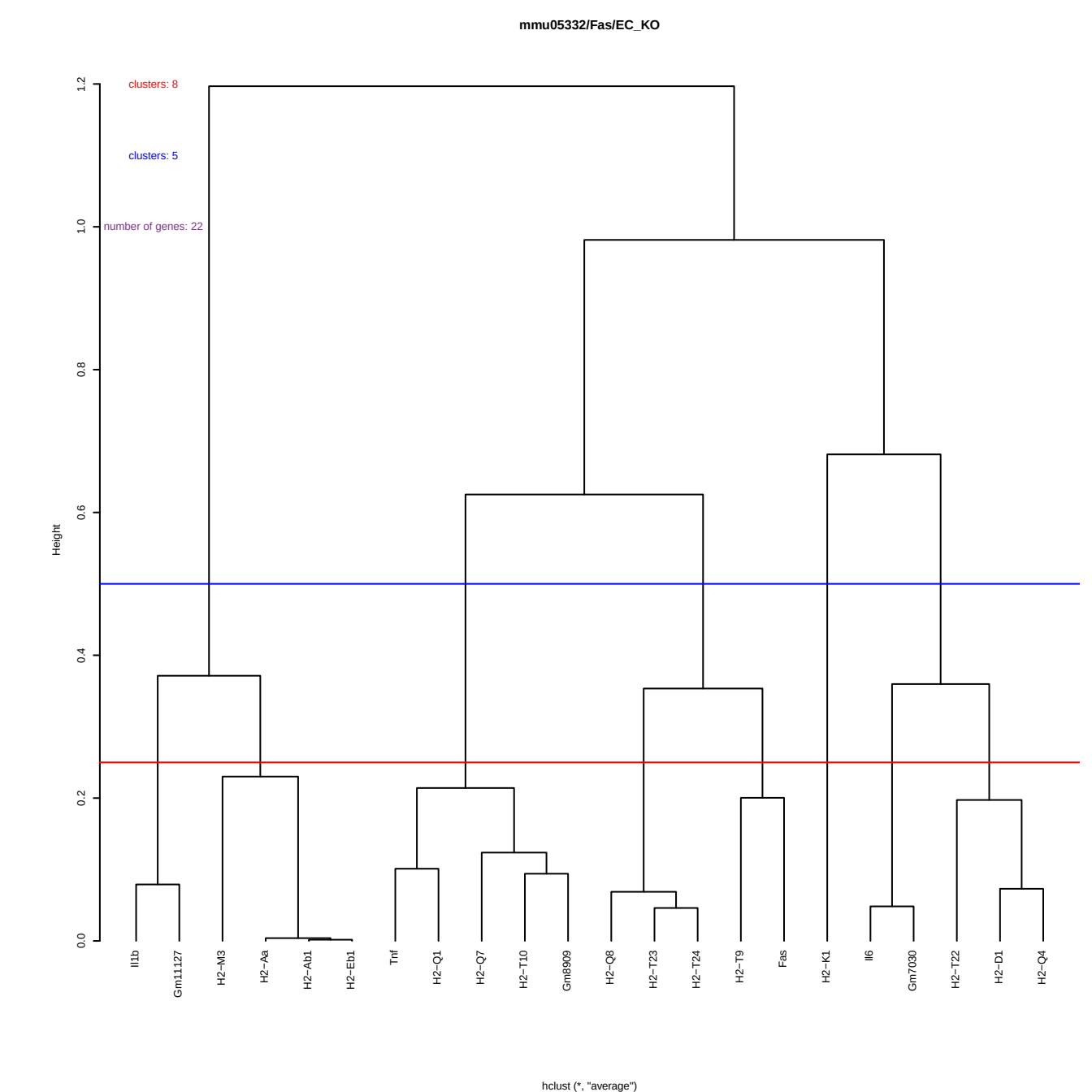

mmu05330/Fas/EC_WT
clusters: 10
clusters: 6
number of genes: 18
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
H2−T10
H2−Ab1
H2−Aa
H2−Eb1
Cd40
Tnf
H2−T22
H2−M3
Gm11127
H2−Q4
H2−Q7
H2−T9
H2−T23
H2−Q1
H2−D1
H2−K1
H2−T24
Fas
hclust (*, "average")

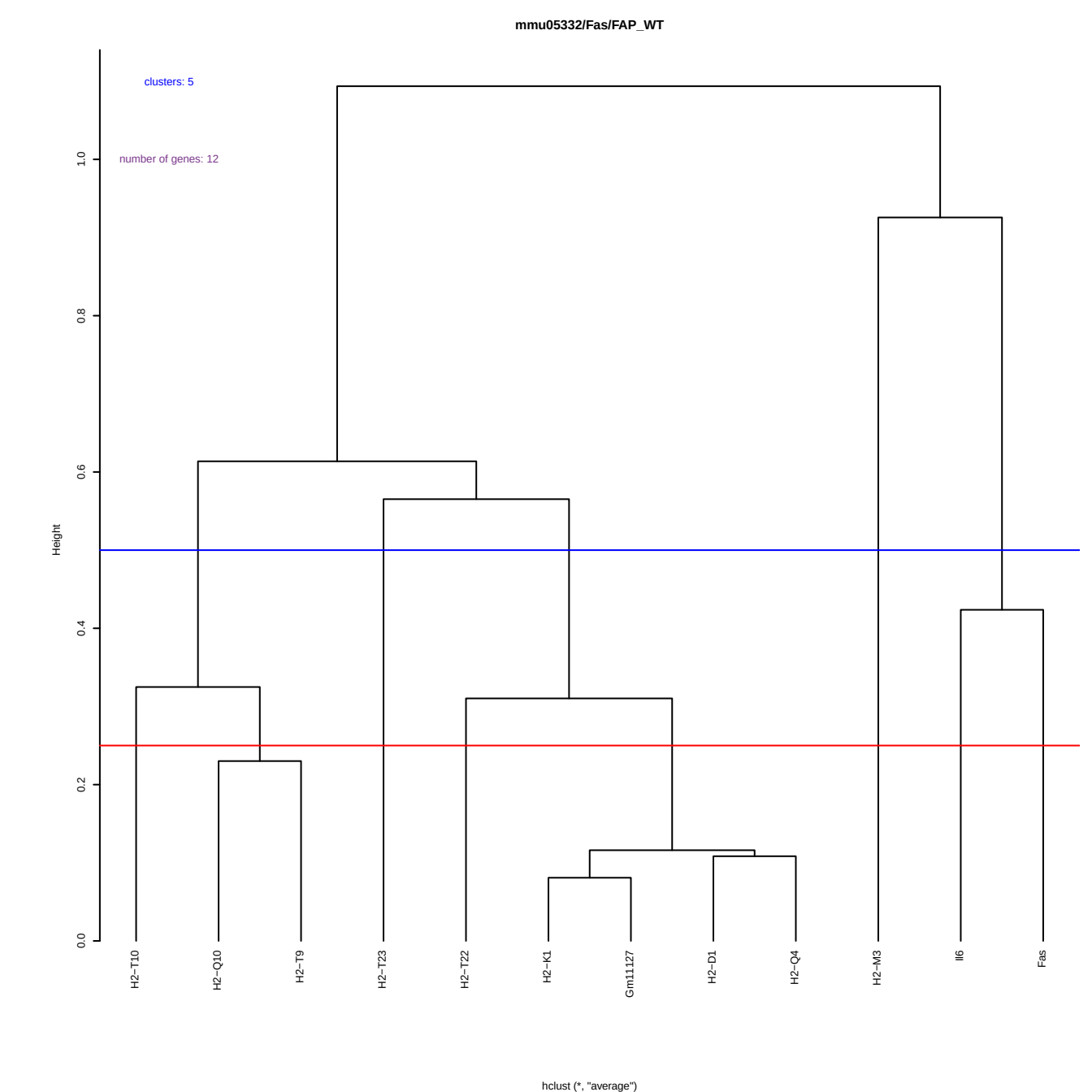

mmu05330/Fas/EC_KO
clusters: 9
clusters: 5
number of genes: 21
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Cd40
H2−Q1
Tnf
H2−Q7
H2−T10
Gm8909
Gm11127
H2−M3
H2−Aa
H2−Ab1
H2−Eb1
H2−Q8
H2−T23
H2−T24
H2−T9
Fas
H2−K1
Gm7030
H2−T22
H2−D1
H2−Q4
hclust (*, "average")

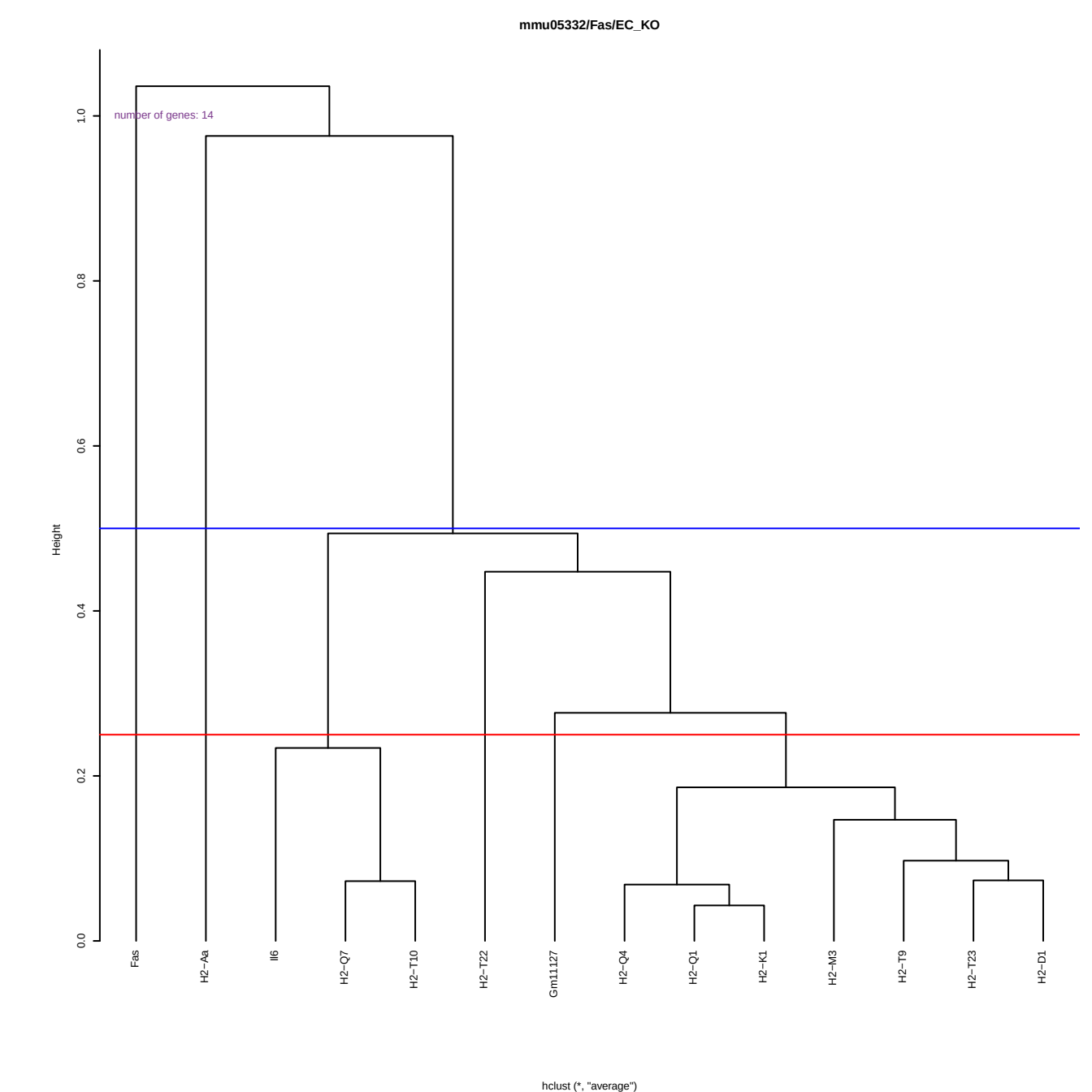

mmu05330/Fas/FAP_WT
clusters: 5
number of genes: 11
Height
0.0
0.2
0.4
0.6
0.8
1.0
H2−M3
Fas
H2−T10
H2−Q10
H2−T9
H2−T23
H2−T22
H2−K1
Gm11127
H2−D1
H2−Q4
hclust (*, "average")


mmu05330/Fas/EC_KO
clusters: 3
number of genes: 13
Height
0.0
0.2
0.4
0.6
0.8
1.0
Fas
H2−Aa
H2−T22
H2−Q7
H2−T10
Gm11127
H2−Q4
H2−Q1
H2−K1
H2−M3
H2−T9
H2−T23
H2−D1
hclust (*, "average")


mmu05332/Fas/EC_WT
clusters: 11
clusters: 6
number of genes: 18
Height
1.2
1.0
0.8
0.6
0.4
0.2
0.0
H2−T24
H2−Q4
Fas
Il6
H2−T22
H2−T10
H2−Q7
H2−T9
Tnf
H2−Ab1
H2−Aa
H2−Eb1
H2−M3
Gm11127
H2−T23
H2−Q1
H2−D1
H2−K1
hclust (*, "average")


mmu05332/Fas/EC_KO
clusters: 8
clusters: 5
number of genes: 22
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Il1b
Gm11127
H2−M3
H2−Aa
H2−Ab1
H2−Eb1
Tnf
H2−Q1
H2−Q7
H2−T10
Gm8909
H2−Q8
H2−T23
H2−T24
H2−T9
Fas
H2−K1
Il6
Gm7030
H2−T22
H2−D1
H2−Q4
hclust (*, "average")


mmu05332/Fas/FAP_WT
clusters: 5
number of genes: 12
Height
0.0
0.2
0.4
0.6
0.8
1.0
H2−T10
H2−Q10
H2−T9
H2−T23
H2−T22
H2−K1
Gm11127
H2−D1
H2−Q4
H2−M3
Il6
Fas
hclust (*, "average")


mmu05332/Fas/EC_KO
number of genes: 14
Height
1.0
0.8
0.6
0.4
0.2
0.0
Fas
H2−Aa
Il6
H2−Q7
H2−T10
H2−T22
Gm11127
H2−Q4
H2−Q1
H2−K1
H2−M3
H2−T9
H2−T23
H2−D1
hclust (*, "average")