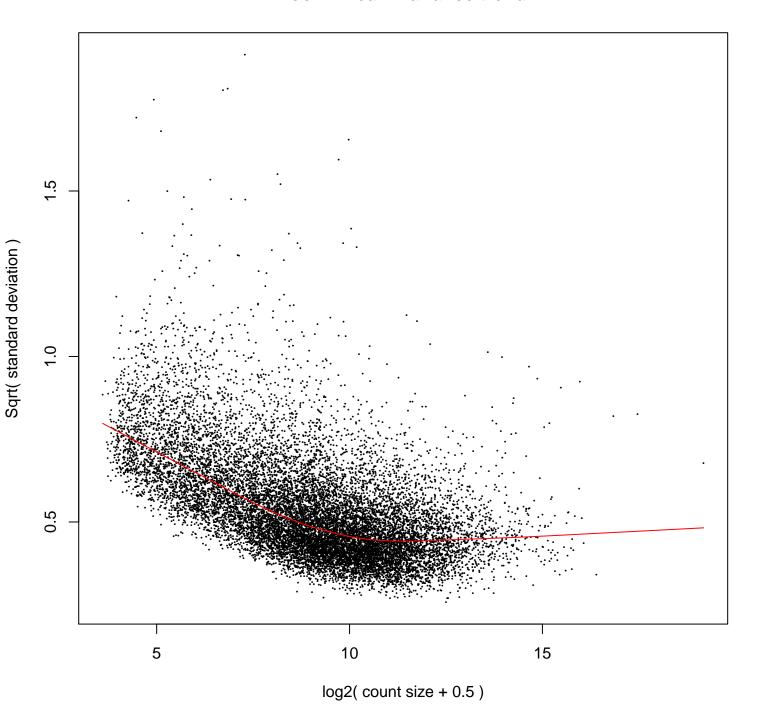
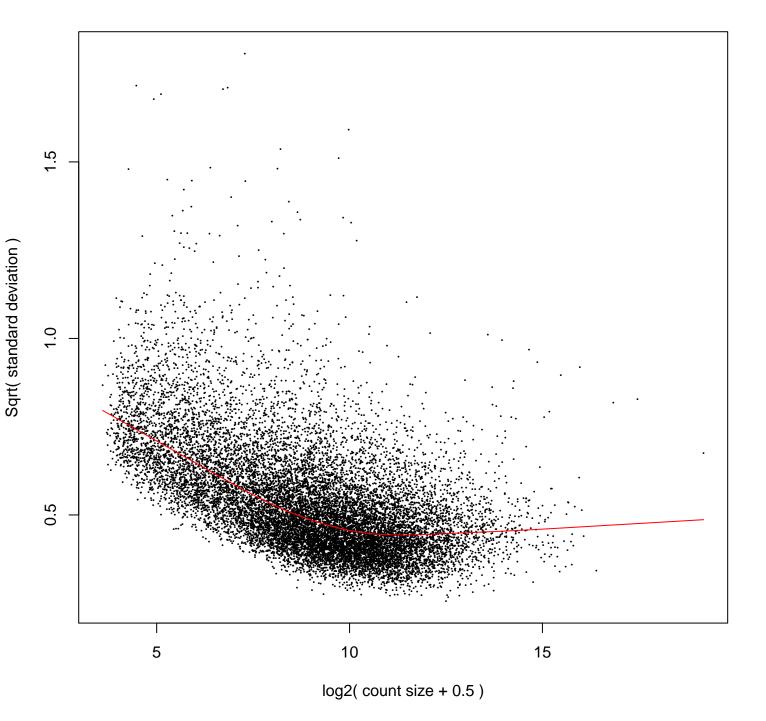
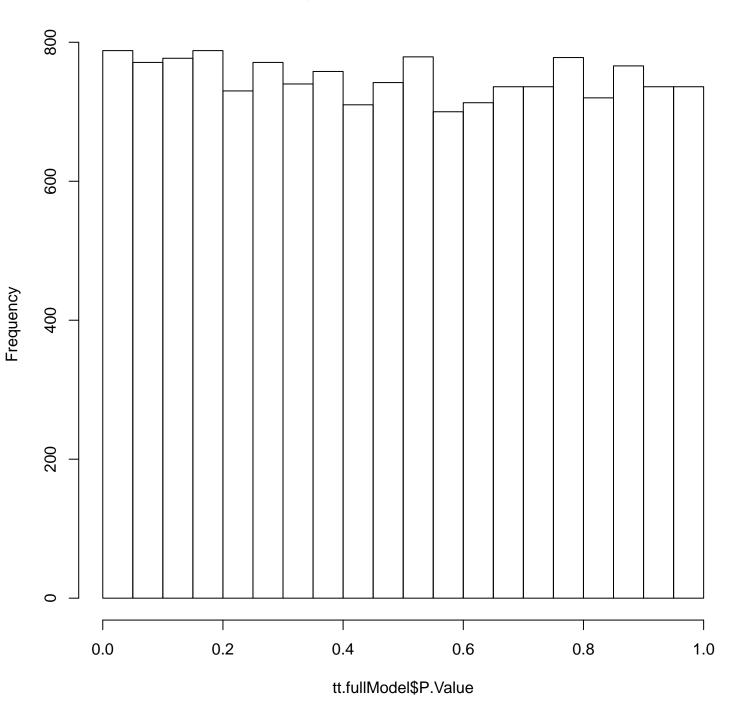
voom: Mean-variance trend



voom: Mean-variance trend

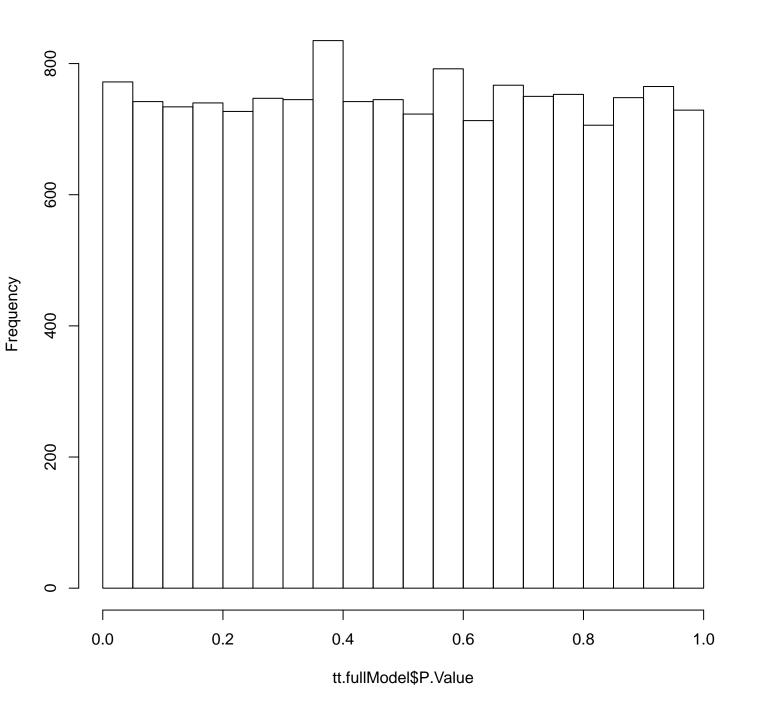




mmul CON_vs_MIA_ALL DGE Volcano Plot PIWIL2 6 MGARP C15orf41 SNED1, CGRRF1 IDH3B, AS3MT GRIK2 RNASE1/FCN3 C1orf228 -log10(P.Value) adj.P.Val < 0.1 DNAH8 AVII **FALSE** AGAP4 **TRUE** SLC26A5 PDE HTR3A CCDC18-IGF2BP2 STAG3 GSTM5 ZNF117 APOBEC3C CAPNS1 ZNF433 2 . AVPR2 RCOR1/ PRUNE24 0 -2 <u>-</u>1 logFC

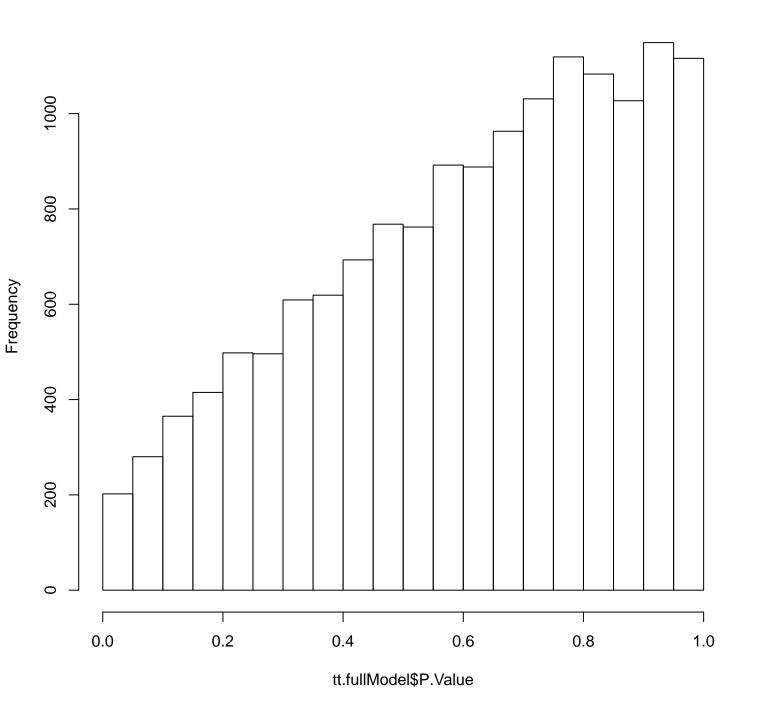
mmul CON_vs_MIA_ALL DGE Volcano Plot (after fdrtool PIWIL2 6 MGARP C15orf41 ZNF430 GRIK2 SNED1 SMARCAL1, FCN3 TMEM225 SETDB2 RNASE1 -log10(P.Value) SNX33 FDR < 0.1 BRIP1 C10rf228 ASTE1 SHCBP1 **FALSE** DNAH8 AVIL THEG **TRUE** HTR3A SLC26A5 PDE3B C11orf80-CCDC18-AGAP4 LRRC75B RFC2-RIM7 AMMEGRAPOBEC3C CAPNS1 SAMSN1 2 . AVPR2 RCOR1 0 -2 <u>-</u>1

logFC



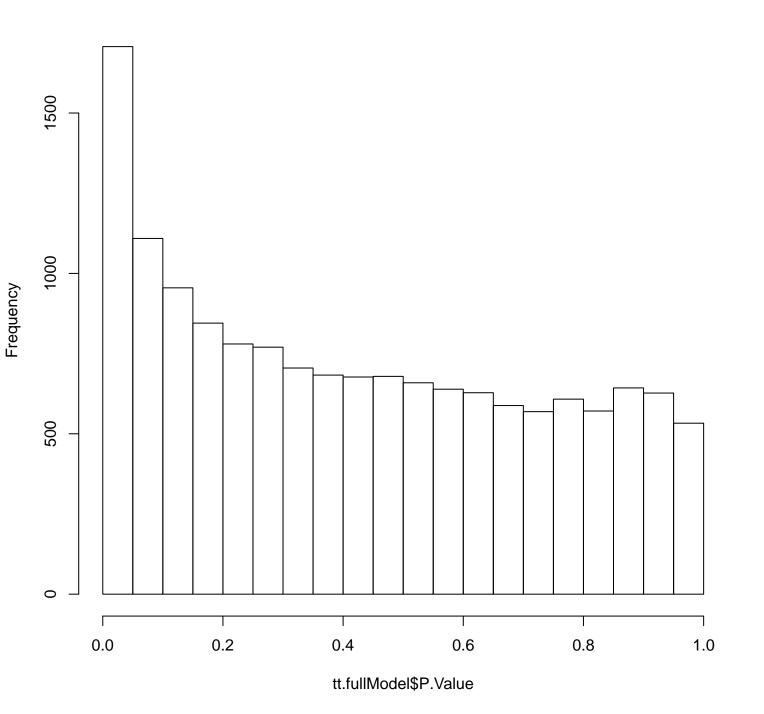
mmul CON_vs_MIA_DLPFC DGE Volcano Plot 5 PIWIL2 WISP2 C15orf41 MGARP SLC7A1 SUN2 VWA2 CCDC138 POLR3H MACC1 AGAP4-LRGUK-NUD -log10(P.Value) adj.P.Val < 0.1 UNC45B **FALSE** IGSF6 0 -2 2 logFC

mmul CON_vs_MIA_DLPFC DGE Volcano Plot (after fdrtool 5 PIWIL2 WISP2 C15orf41 **MGARP** PKN2 VWA2 ABCA6 PSMB5 DGCR2 FICE IMPDH1 CCDC138 LIMD1 RFC2 HL42/MACC1 POLR3H ŚNX33 RPL26 AGAP4 LRGUK -log10(P.Value) 9orf129_KIAA0513 NUDT15-PARP4 FDR < 0.1 BLNK-ZNF385C **FALSE** ACMSE NHLRC4 TRUE UNC45B IGSF0 NF331 0 -2 2 logFC

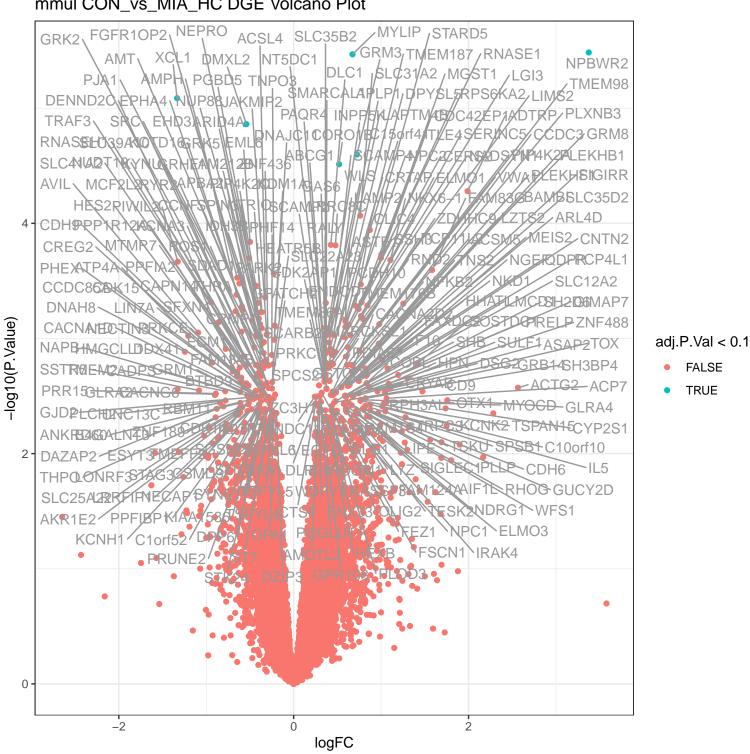


mmul CON_vs_MIA_ACC DGE Volcano Plot PIWIL2 **MGARP** 3 -ZNF267 ZSCAN31 C2orf78 TMEM225 SPATS1 PGBD3 KDSR DHX36 C19orf48 NDUFB11 -log10(P.Value) adj.P.Val < 0.1FALSE 0 --2 2 <u>-</u>1 logFC

mmul CON_vs_MIA_ACC DGE Volcano Plot (after fdrtool PIWIL2 MGARP 3 -ZNF267 ZSCAN31 C2orf78 RAB14 SPATS1 PGBD3 KDSR DHX36 C19orf48 NDUFB11 -log10(P.Value) FDR < 0.1 **FALSE** TRUE 0 --2 -1 2 Ö 3 logFC



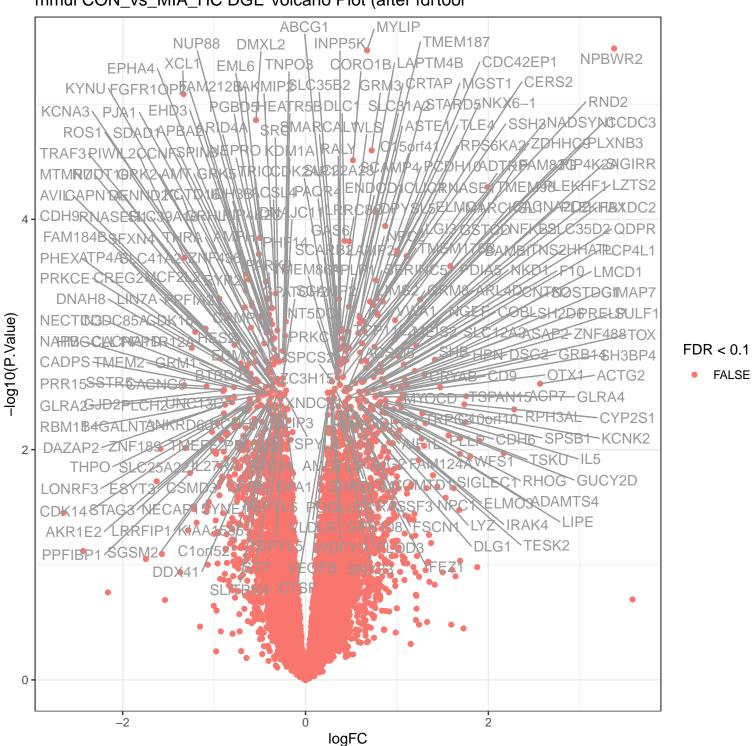
mmul CON_vs_MIA_HC DGE Volcano Plot

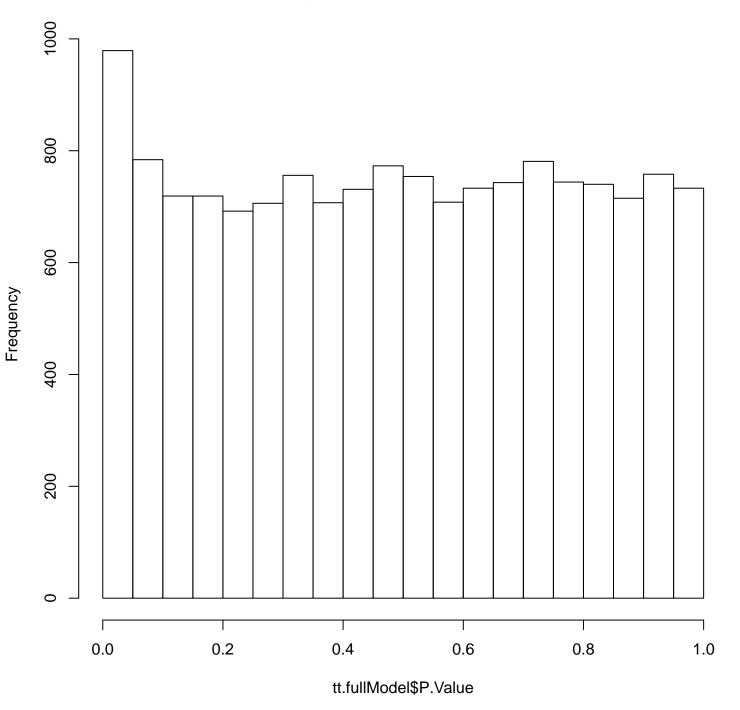


FALSE

TRUE

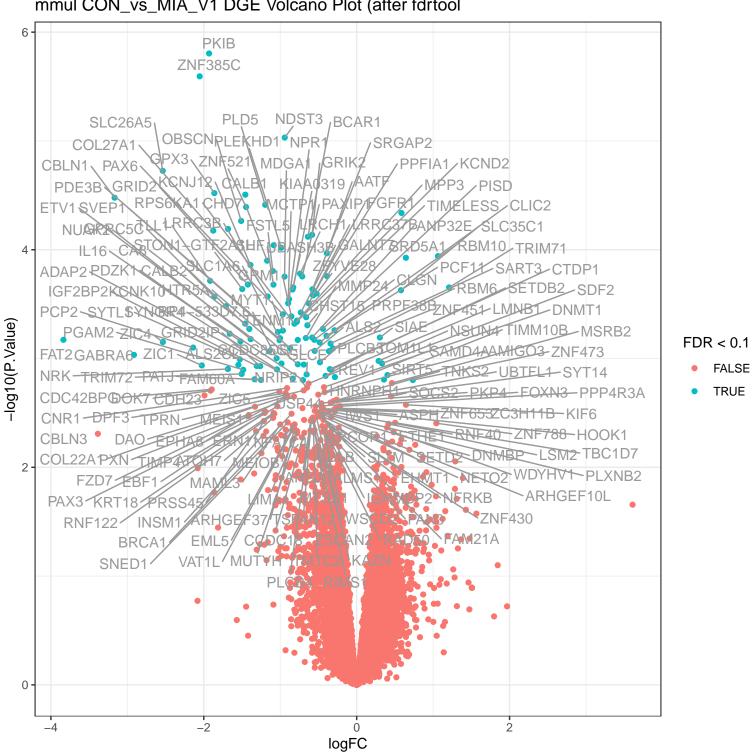
mmul CON_vs_MIA_HC DGE Volcano Plot (after fdrtool



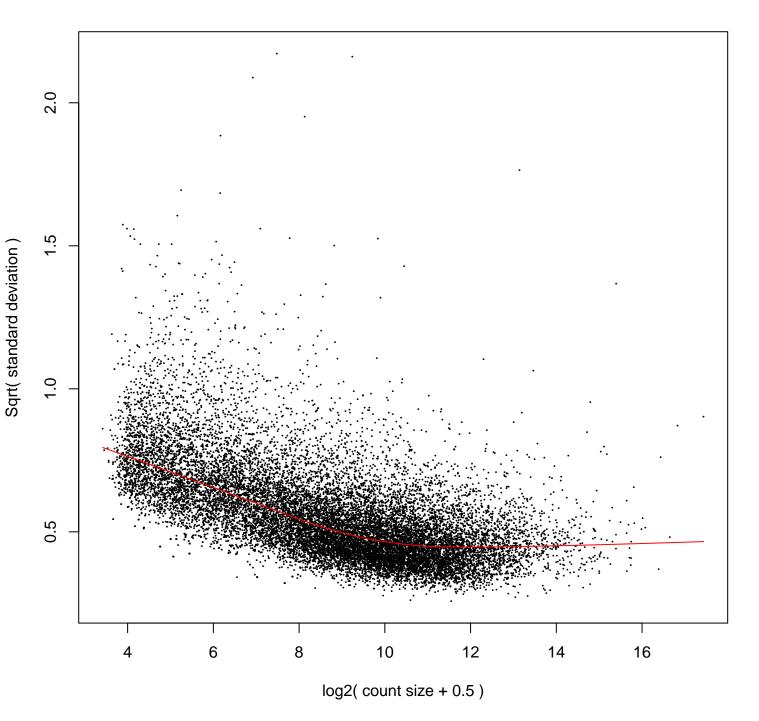


mmul CON_vs_MIA_V1 DGE Volcano Plot 6 -PKIB ZNF385C-SLC26A5 GPX3 CALB1 NPR1 27A1, ZNF521 NDST3 GRIK2/SRGAP2 CBLN1 \GR CCDC85CcA -log10(P.Value) adj.P.Val < 0.1 **FALSE TRUE** CBLN3 EPHA8 ARHGEF10L EBF1 RNF122 INSM ERN1 BRCA1 MEIOB MUT 21A NFRKB MAML3 NFATC4 LIMA SNED1 ARHGEF3 CCDC18 0 . -2 2 logFC

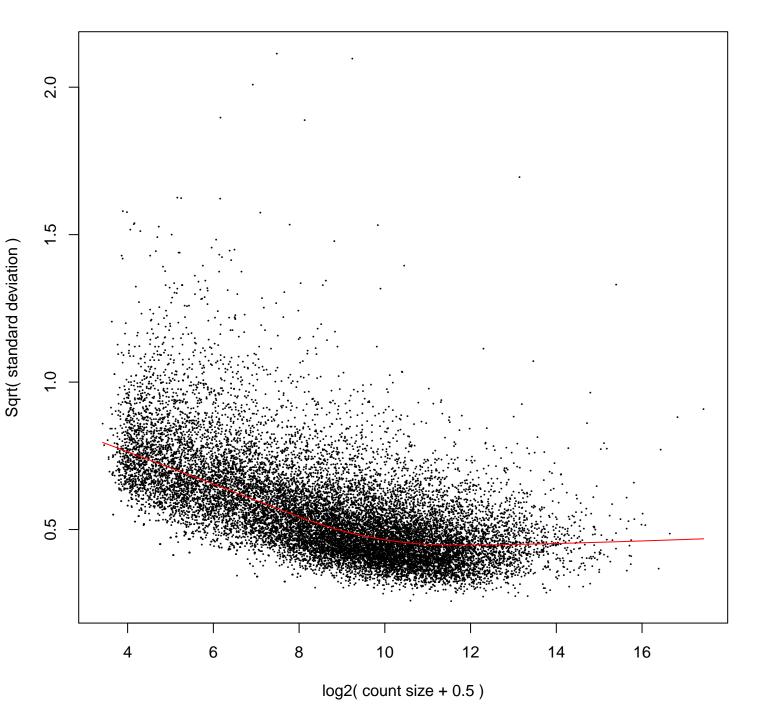
mmul CON_vs_MIA_V1 DGE Volcano Plot (after fdrtool

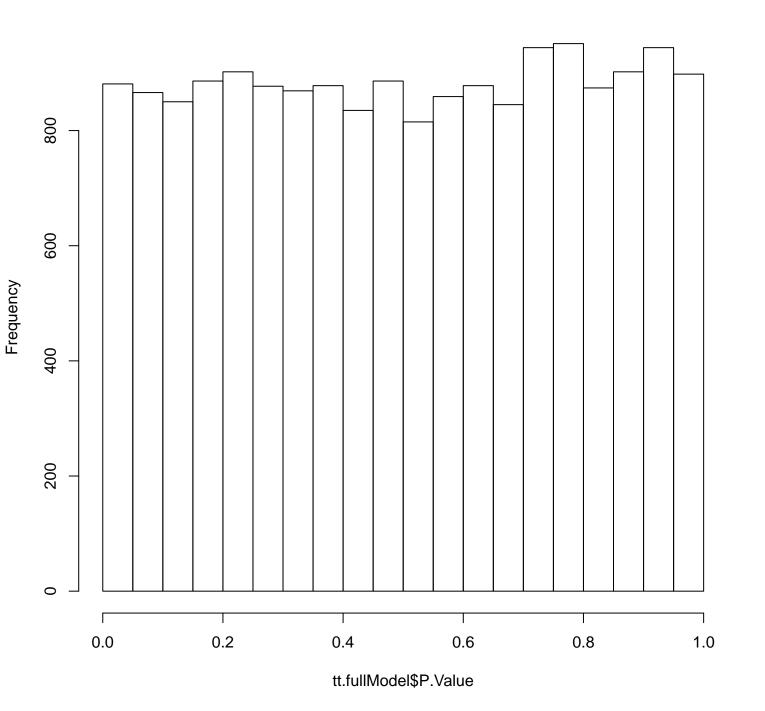


voom: Mean-variance trend



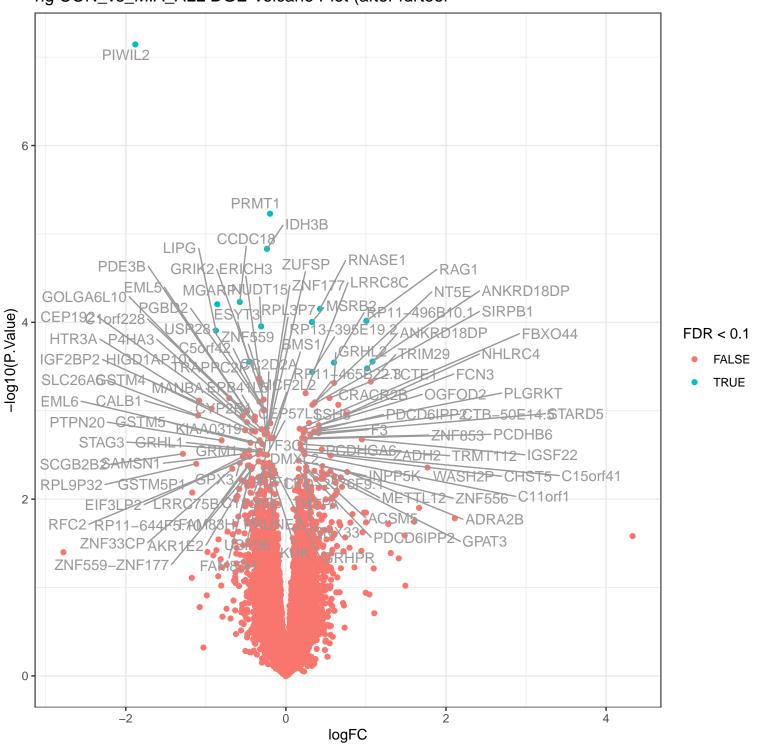
voom: Mean-variance trend

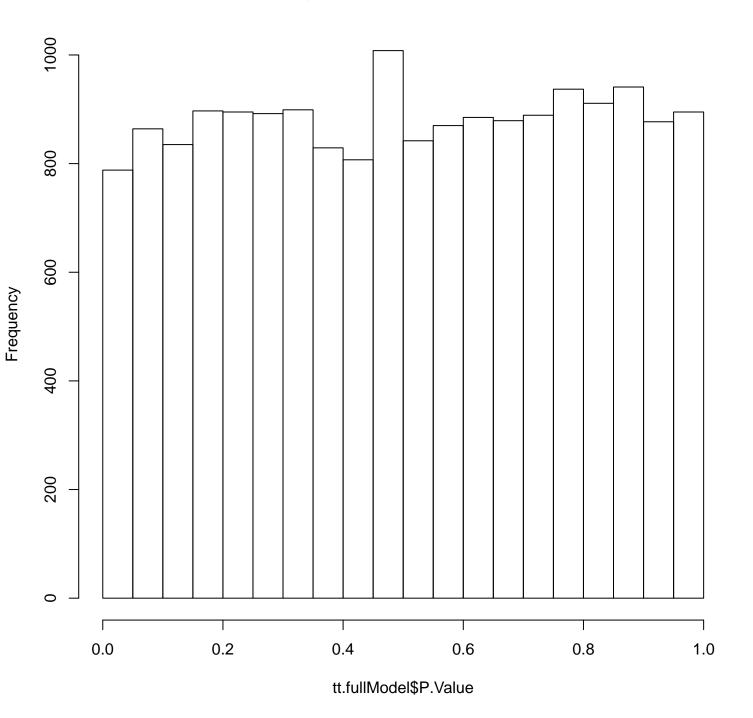




hg CON_vs_MIA_ALL DGE Volcano Plot PIWIL2 6 PRMT1 IDH3B MGARP\ NUDT15 MSRB2 CCD C18 CEP192 C1orf228 CYP2R1 -log10(P.Value) adj.P.Val < 0.1 **FALSE TRUE** PTPN20 KIAA0343 STAG3 - GRHL SCGB2B2SAMSN1 RFC2 RPL9P3 12 ZNF556 C11orf1 GSTM5P1 GPX3 CTD-2576F9.1ADRA2B ZNF559-ZNF17FAM 0 -2 2 logFC

hg CON_vs_MIA_ALL DGE Volcano Plot (after fdrtool





hg CON_vs_MIA_DLPFC DGE Volcano Plot RP11-231C18.3 PIWIL2 CHURC1-FNTB TIMM8BP2 CTDP1 FUT2 • POLR3H SEPT14 IFT52 ADNP2 HIGD1AP10 SUNE PTGES PSMC1P1 ACADL \$SBP1 KANK3 FAM60DP OGFOD3/ GPR65 SEC616 KIF5C CHRNA2 3 -VWA2-RP11-129B9.1 RPB1 AC024937.6 -log10(P.Value) UNC45B GABBR1 adj.P.Val < 0.1 CCDC18 FALSE C8orf58 0

logFC

2

-2

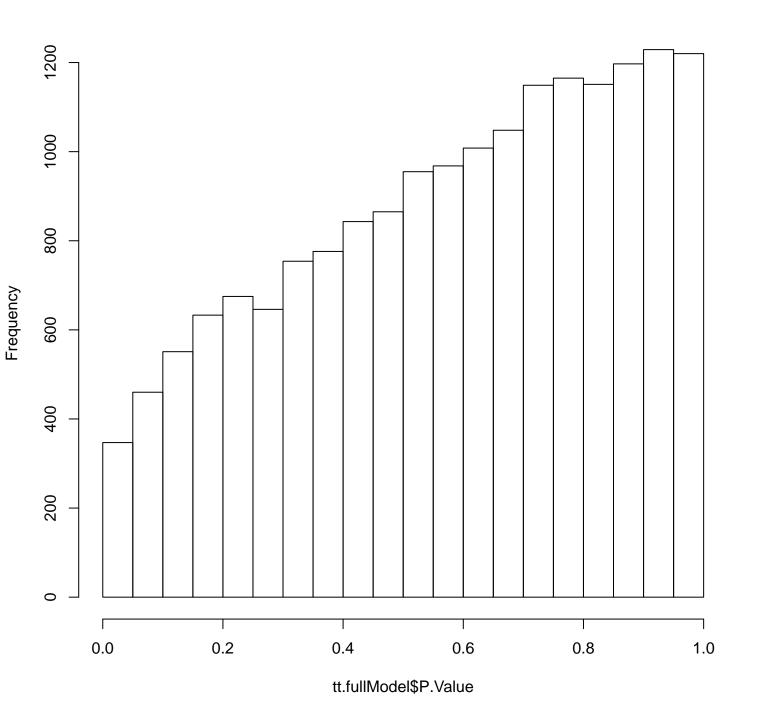
hg CON_vs_MIA_DLPFC DGE Volcano Plot (after fdrtool RP11-231C18.3 PIWIL2 CHURC1-FNTB TIMM8BP2 FUT2 POLR3H CTDP1 SEPT14 ACADL ADNP2 **PTGES** PSMC1P1 DGFOD3\$SH3 GPR65, SSBP CHRNA2 FAM60DP IGSF6-MGARP HINT1 KIF5C RP11-129B9.1 3 RFC2-ABCA10-NIGD1 RP11-644F5.10 MYL12A GPR21 TSSC2 AP1 • AC024937.6 -log10(P.Value) FDR < 0.1 UNC45B CBFB **FALSE** CCDC18 RPL7L1 **TRUE**

logFC

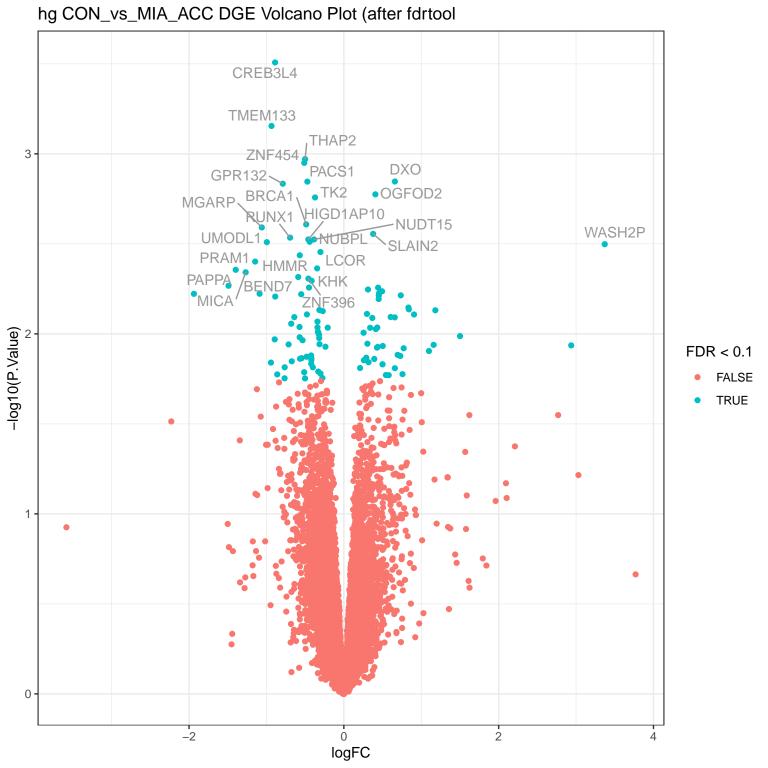
2

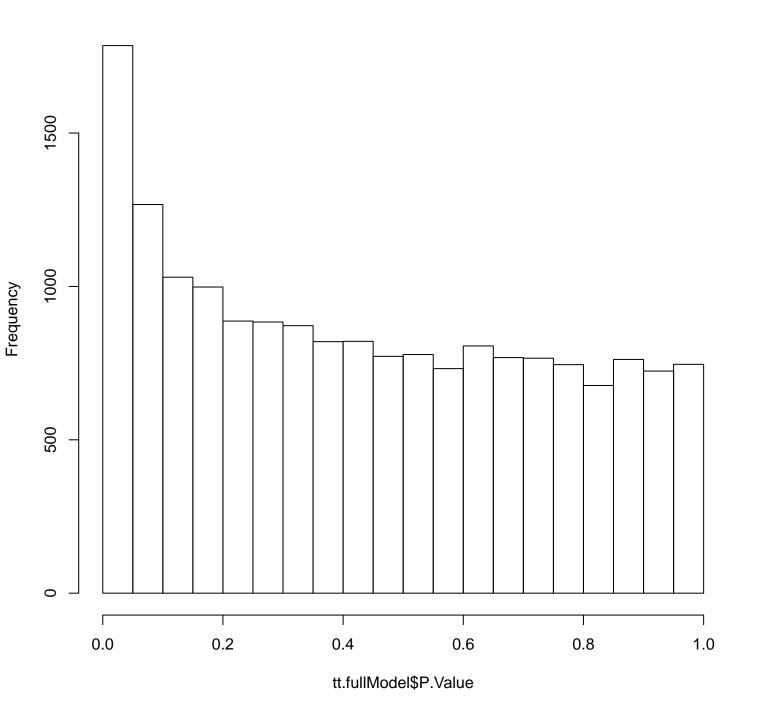
0

-2

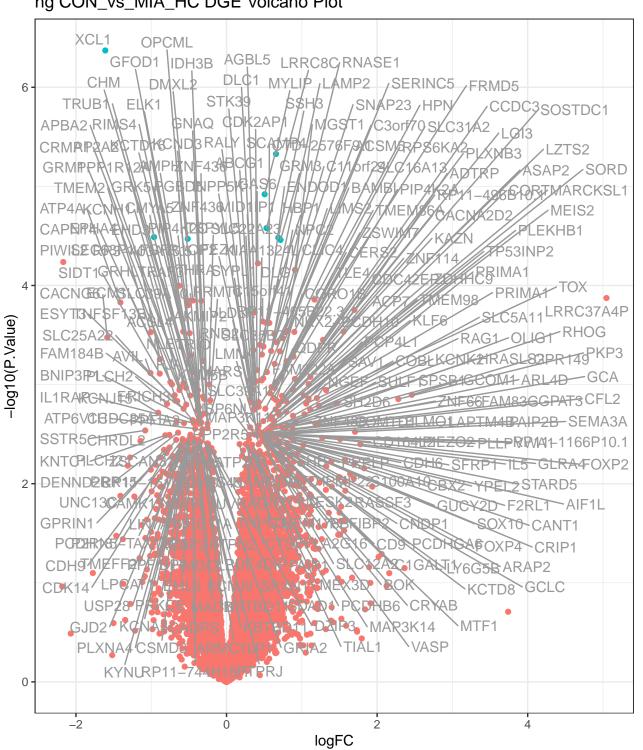


hg CON_vs_MIA_ACC DGE Volcano Plot CREB3L4 TMEM133 THAP2 ZNF454 PAC\$1 DXO GPR132-OGFOD2 MGARP RUNX NUDT15 SLAIN2 WASH2P UMODL1 PAPPA -log10(P.Value) adj.P.Val < 0.1 **FALSE** 0 -2 -2 logFC





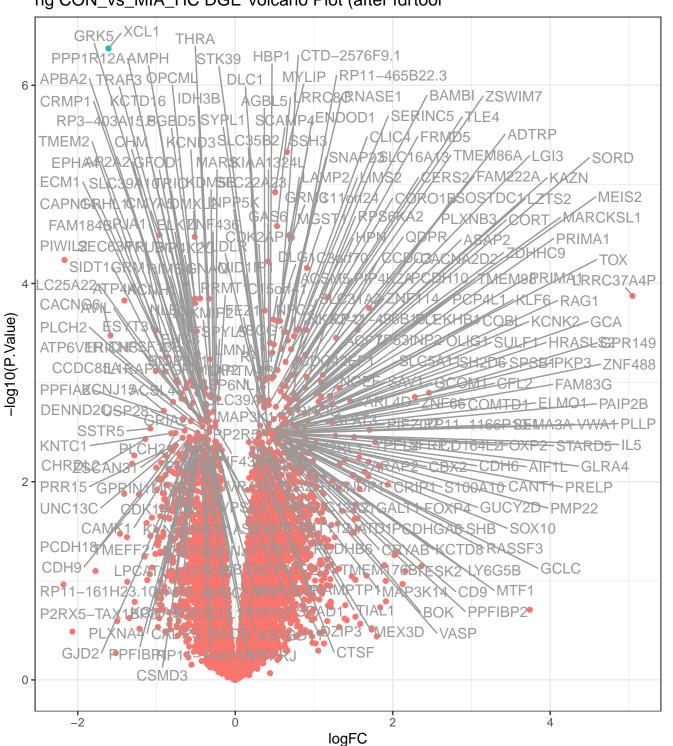
hg CON_vs_MIA_HC DGE Volcano Plot



adj.P.Val < 0.1

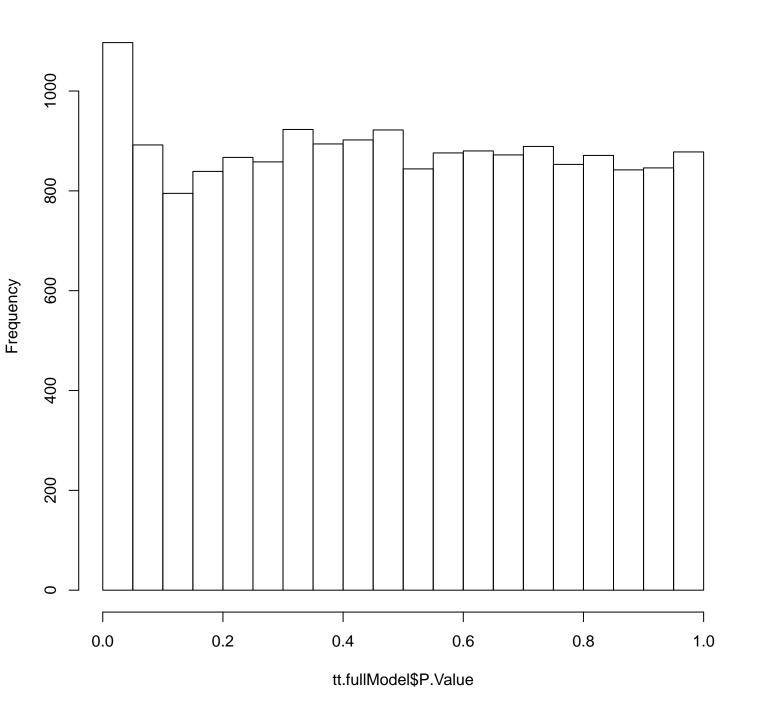
- FALSE
- TRUE

hg CON_vs_MIA_HC DGE Volcano Plot (after fdrtool

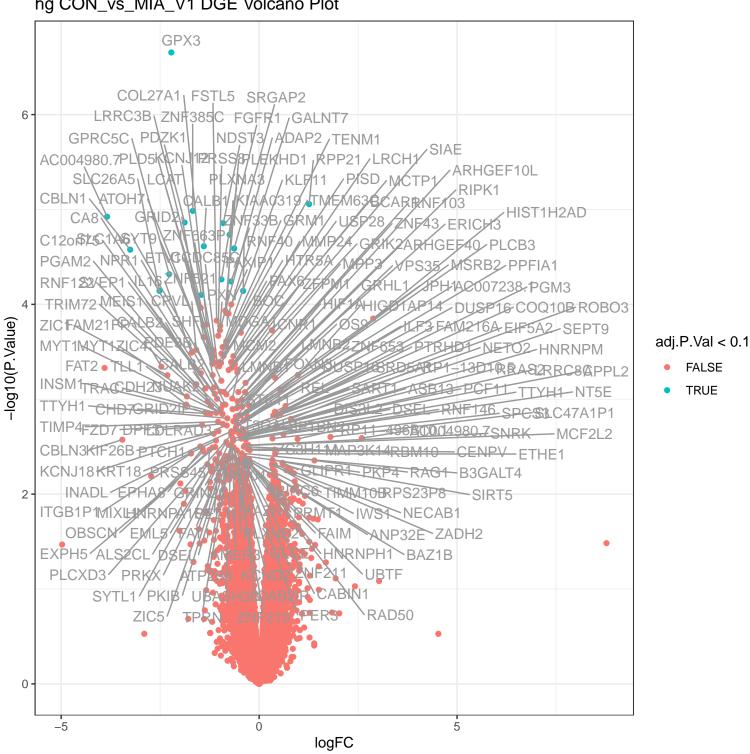


FDR < 0.1

- FALSE
- TRUE



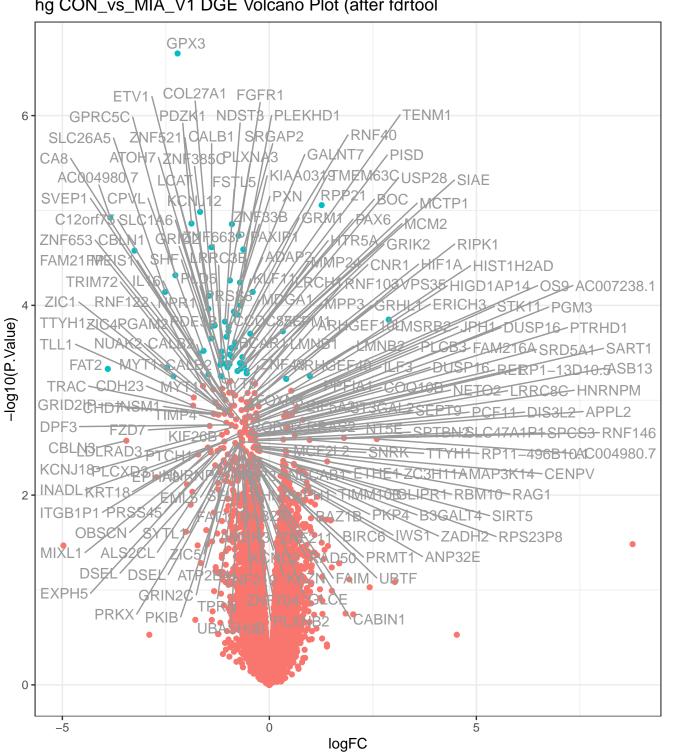
hg CON_vs_MIA_V1 DGE Volcano Plot



FALSE

TRUE

hg CON_vs_MIA_V1 DGE Volcano Plot (after fdrtool



FDR < 0.1

FALSE

TRUE