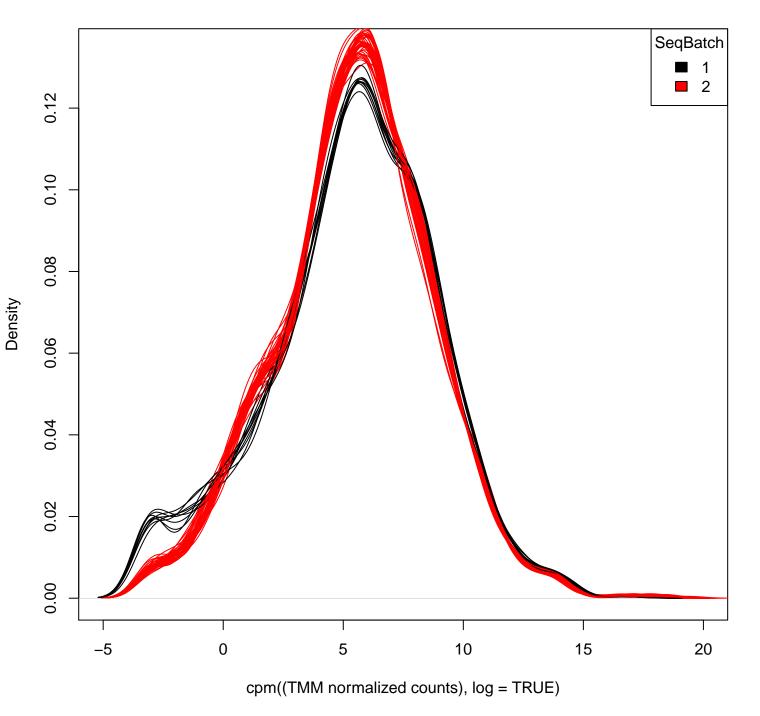
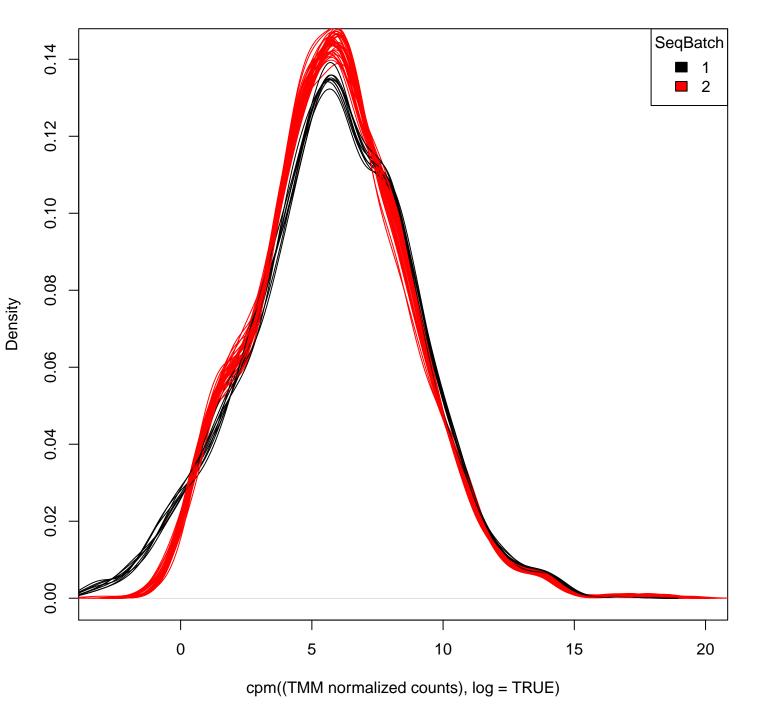
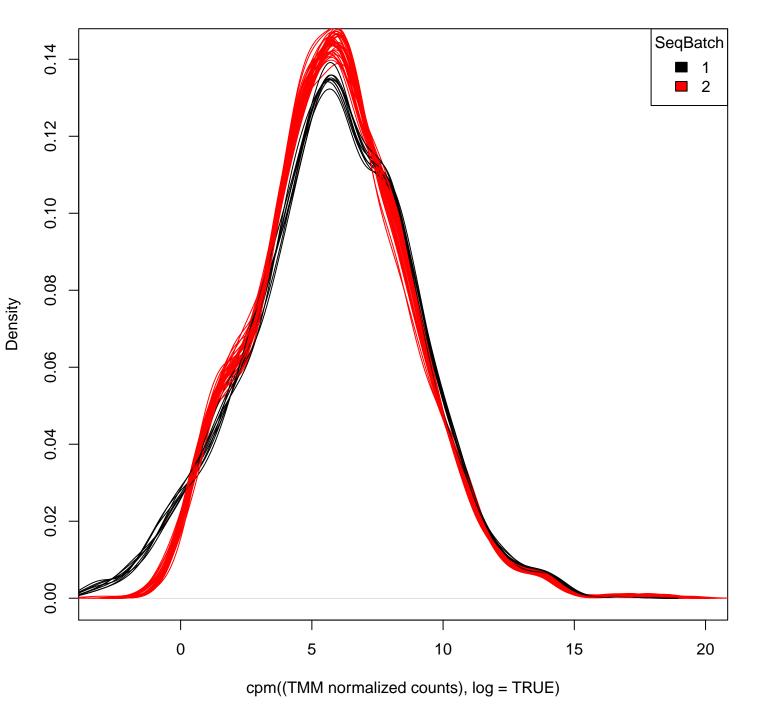
### **Transposable Elements (Pre-filter)**

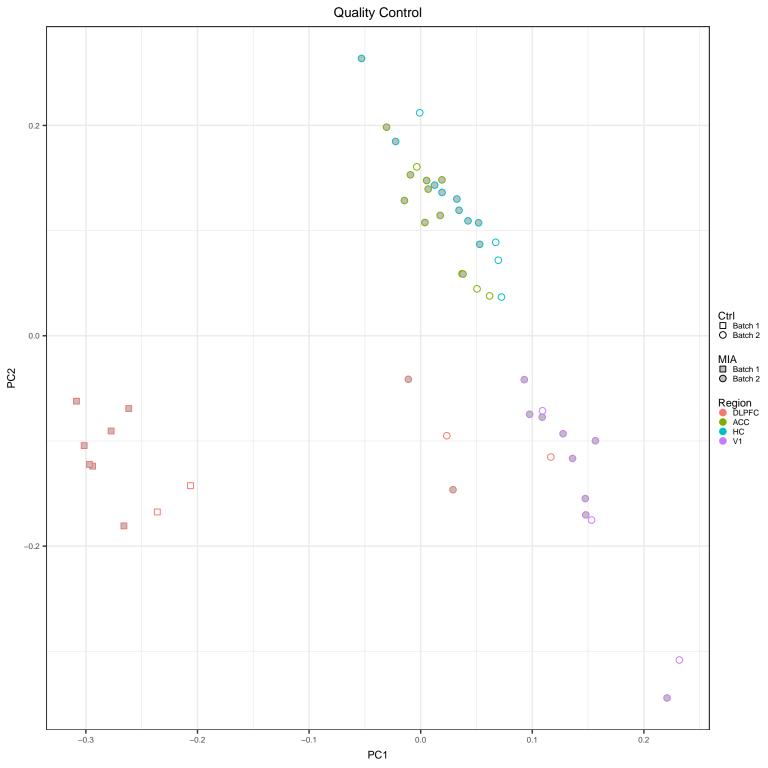


### **Transposable Elements (Post-filter)**

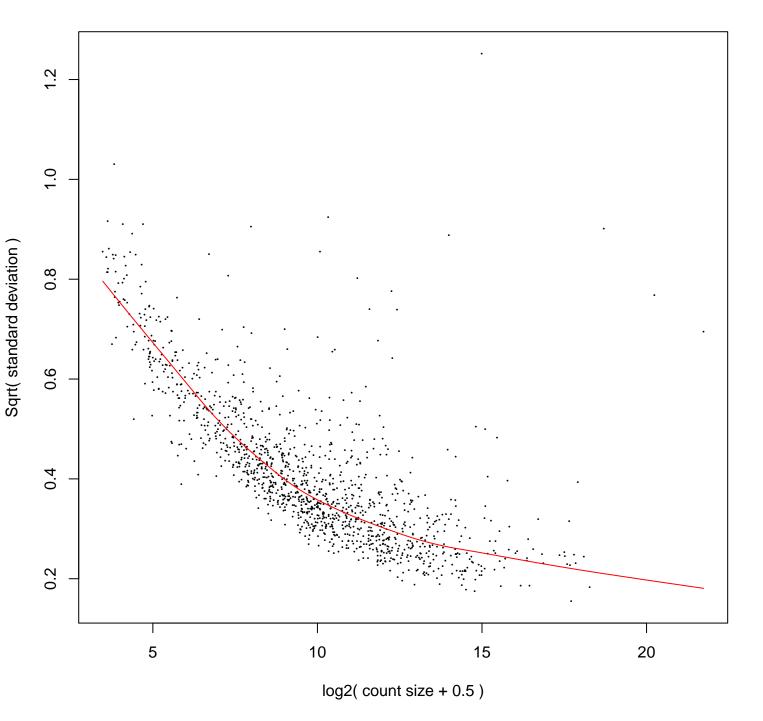


### **Transposable Elements (Post-filter)**

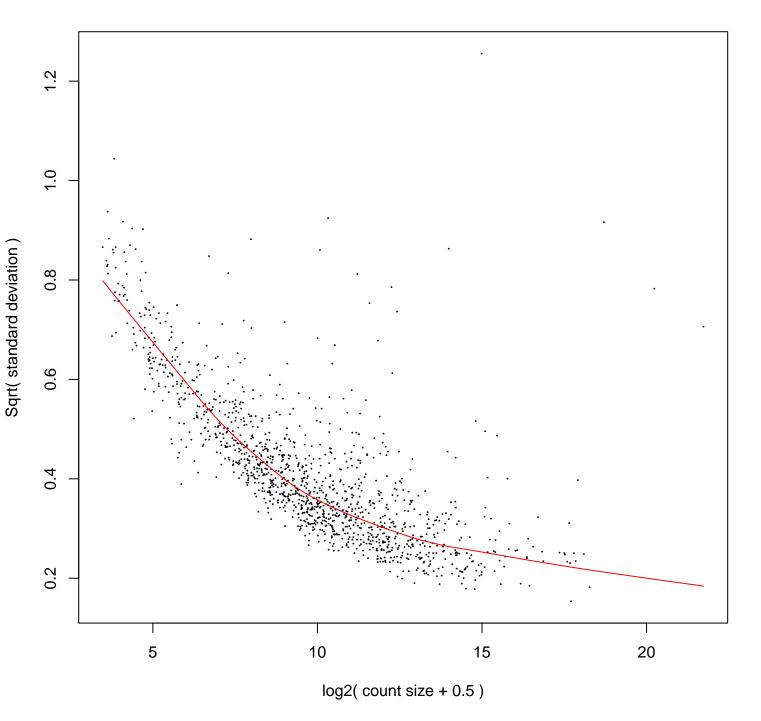


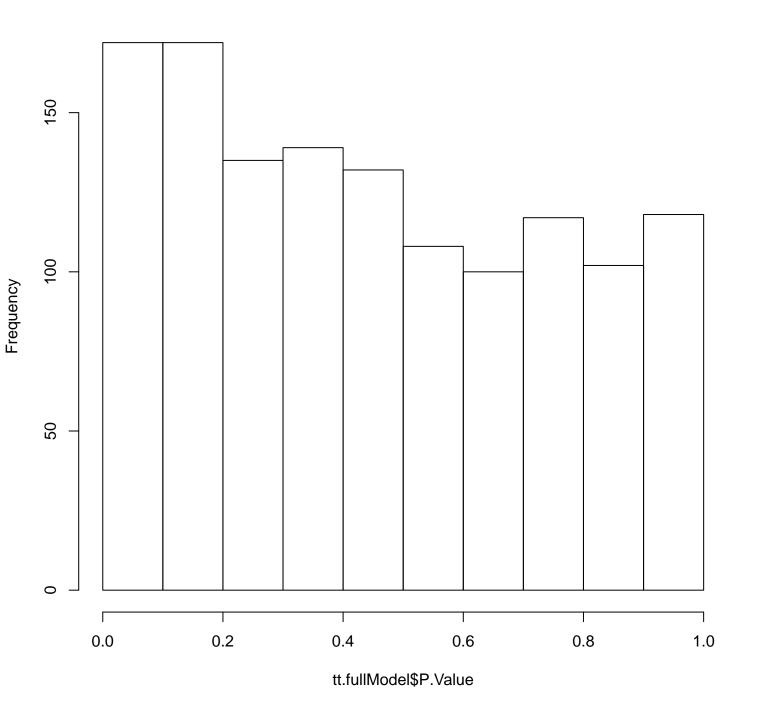


### voom: Mean-variance trend



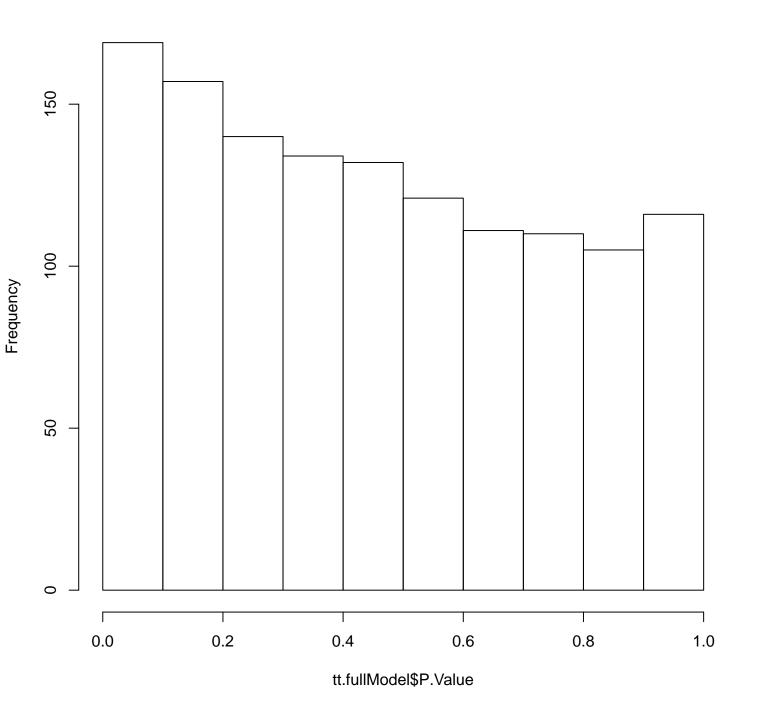
### voom: Mean-variance trend



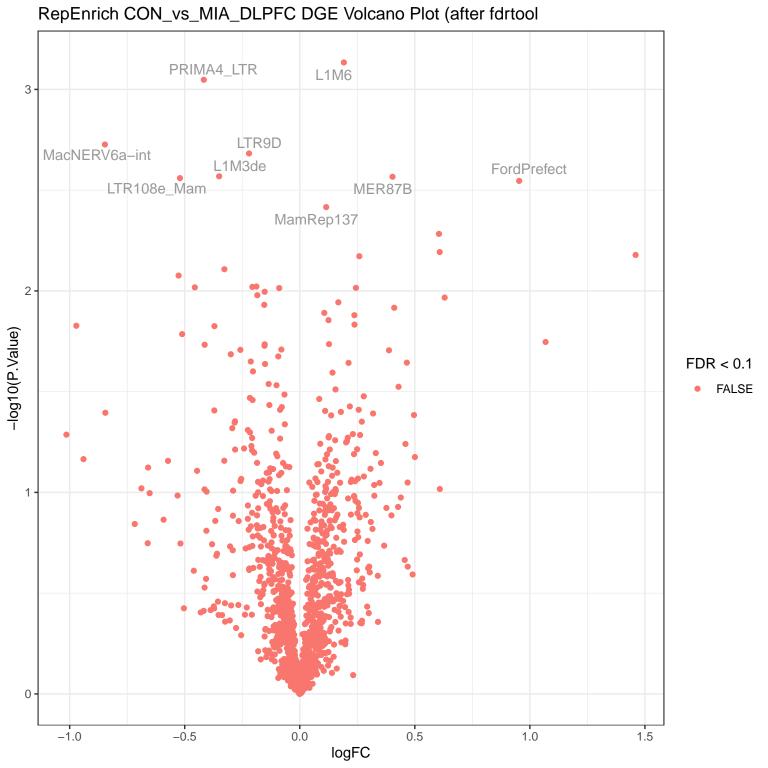


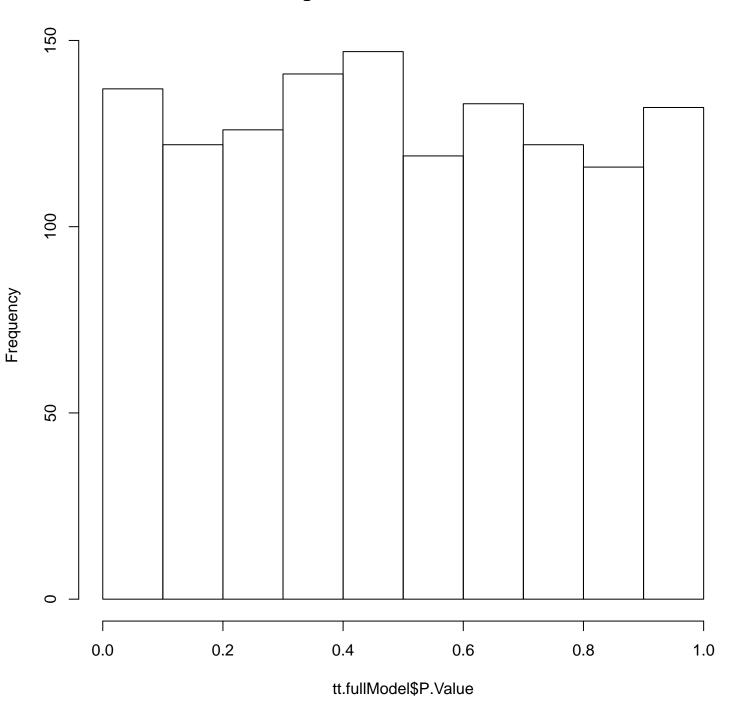
RepEnrich CON\_vs\_MIA\_ALL DGE Volcano Plot MER67B FordPrefect 3 -MSTA-int GSAT LTR91A HERVS71-int PRIMA4\_LTR MamGypLTR2c -log10(P.Value) adj.P.Val < 0.1 FALSE 1 0 0.0 0.5 -0.5 logFC

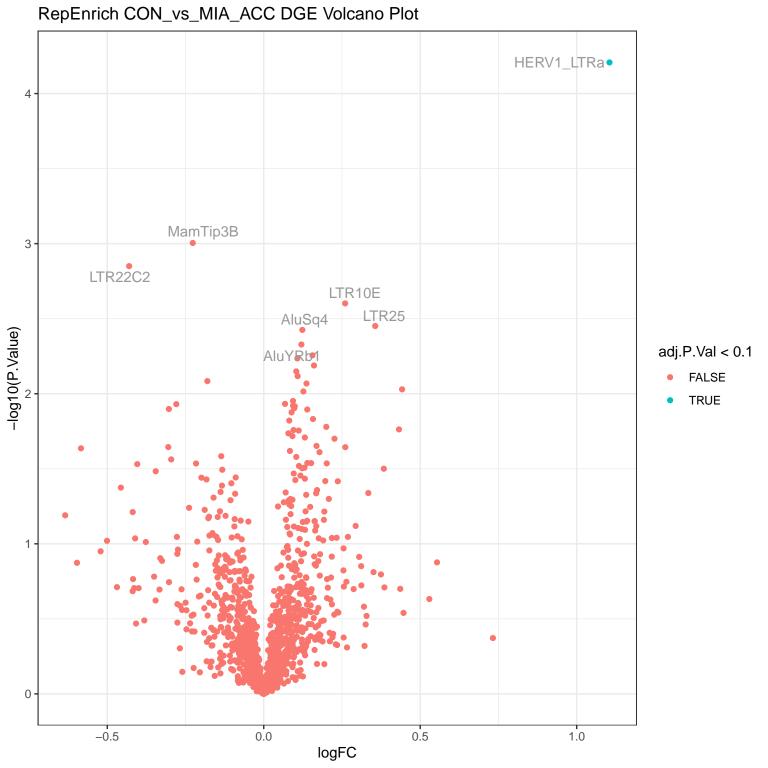
RepEnrich CON\_vs\_MIA\_ALL DGE Volcano Plot (after fdrtool MER67B FordPrefect 3 -MSTA-int GSAT HERVS71-int LTR91A PRIMA4\_LTR MamGypLTR2c -log10(P.Value) FDR < 0.1 **FALSE** 1 0 -0.5 0.0 0.5 logFC

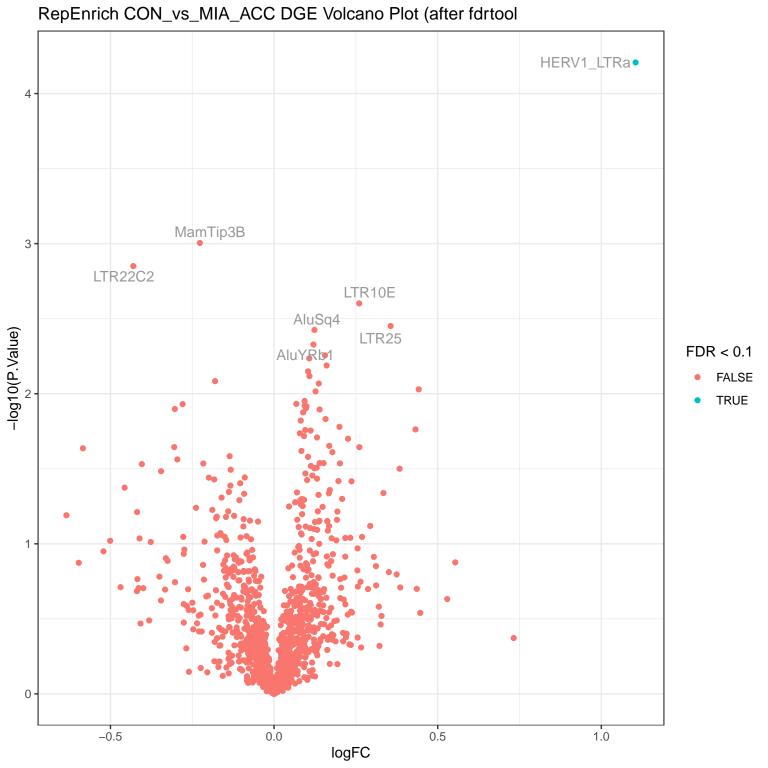


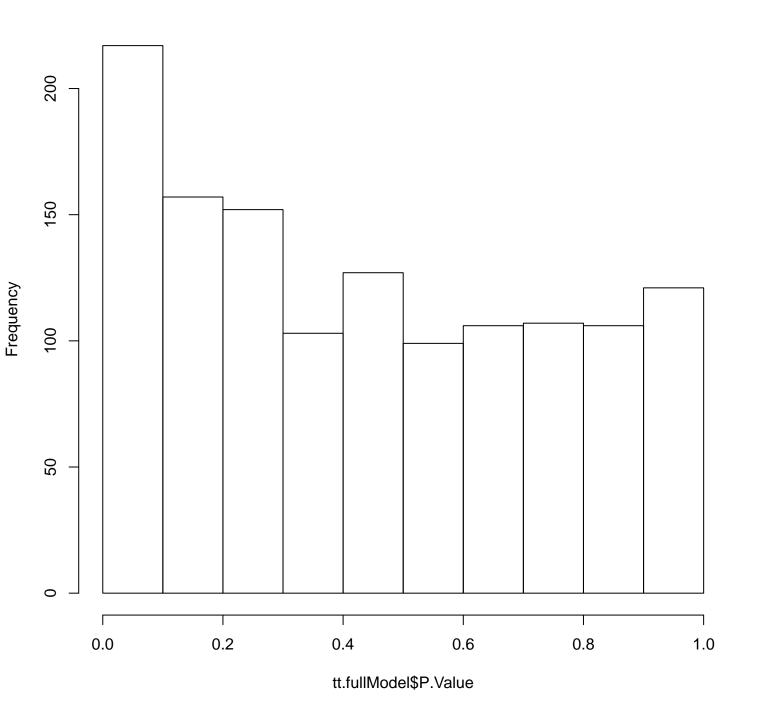
RepEnrich CON\_vs\_MIA\_DLPFC DGE Volcano Plot L1M6 PRIMA4\_LTR 3 MacNERV6a-int LTR9D L1M3de MER87B FordPrefect LTR108e\_Mam MamRep137 2 -log10(P.Value) adj.P.Val < 0.1 FALSE 1 0 0.0 -0.5 0.5 1.0 -1.0 1.5 logFC

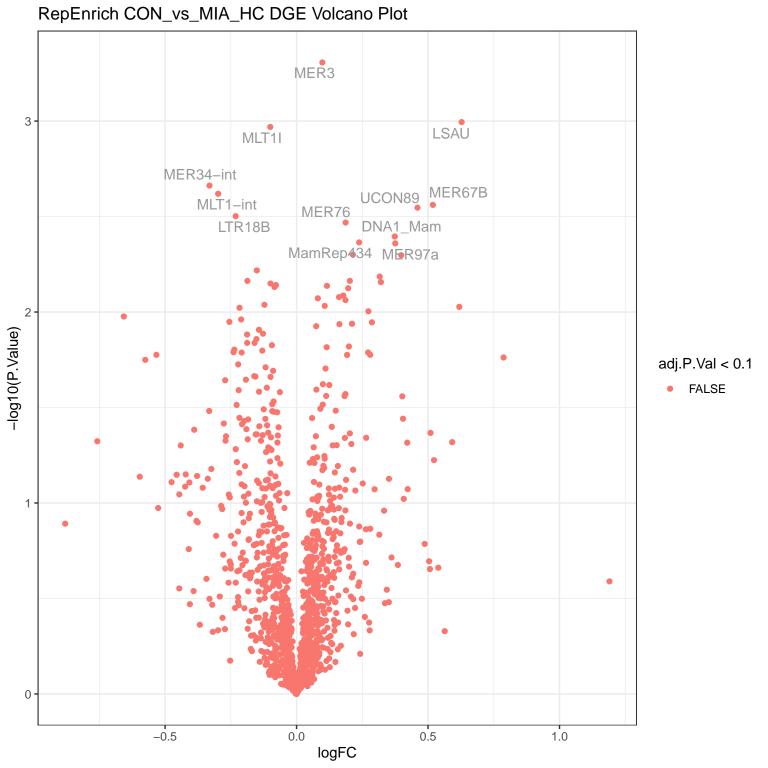


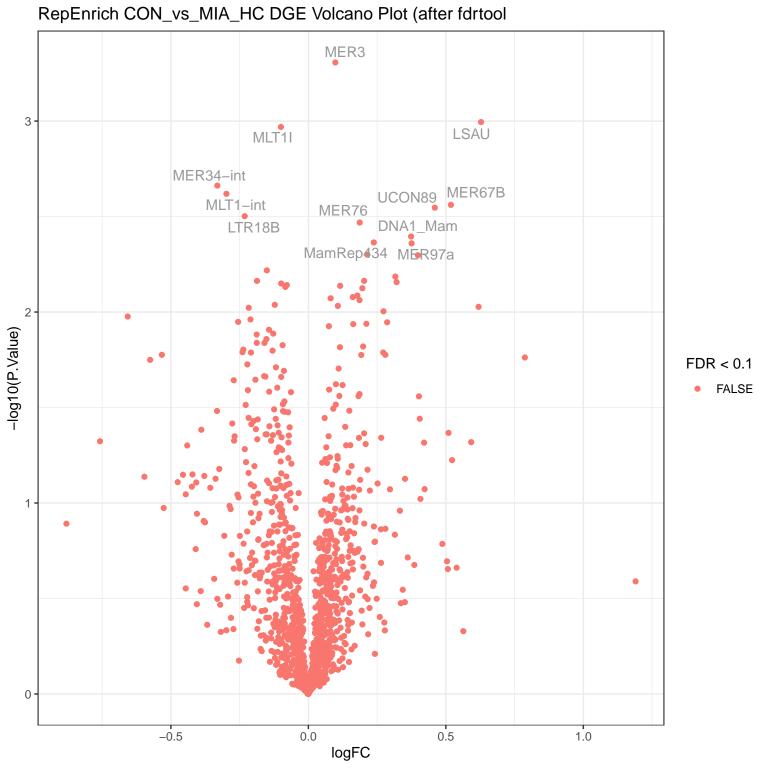


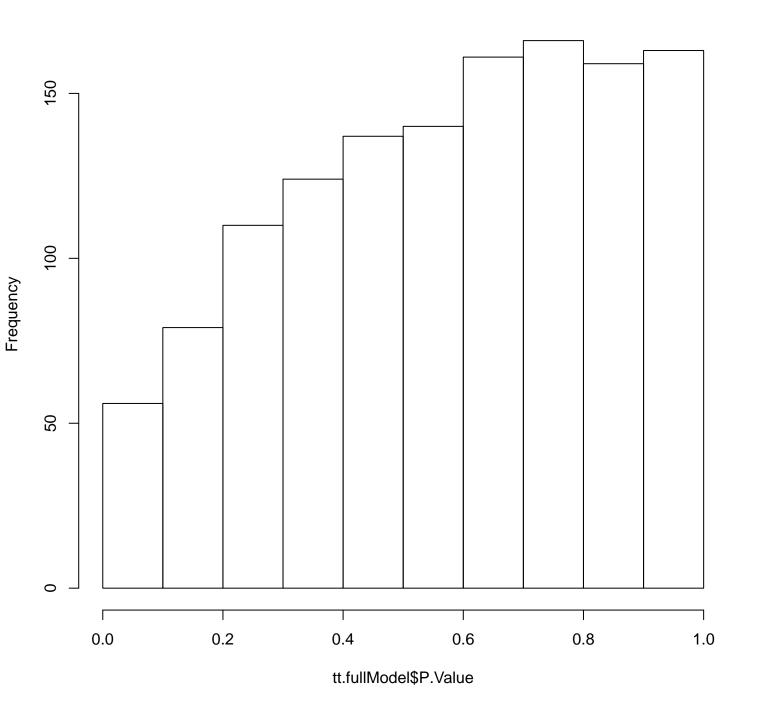


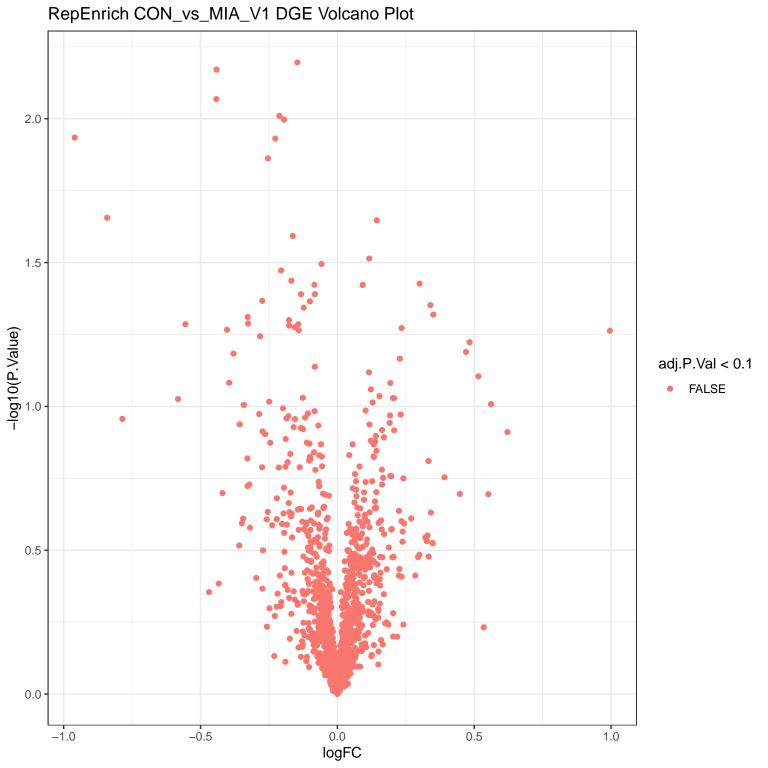












RepEnrich CON\_vs\_MIA\_V1 DGE Volcano Plot (after fdrtool HSAT5 MER34A1 Ricksha\_b MamTip1b 2.0 LTR42 •tRNA-His-CAY\_ EUTREP16 1.5 --log10(P.Value) FDR < 0.1 **FALSE** TRUE 0.5 0.0 0.5 1.0 -0.5 0.0 -1.0logFC