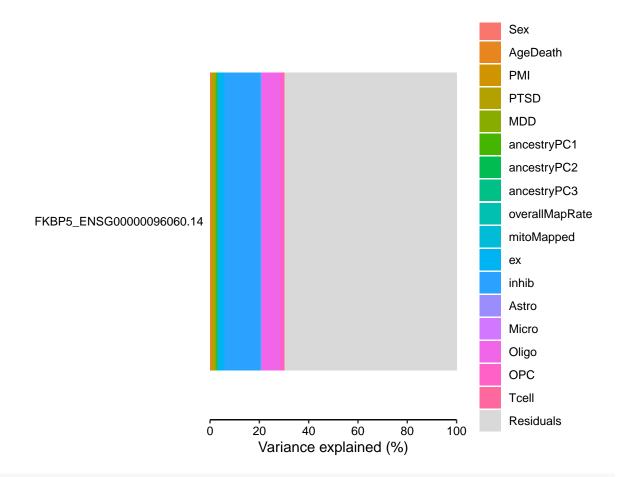
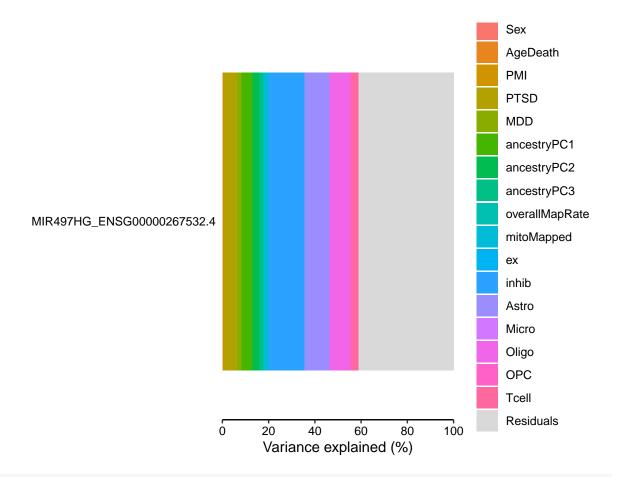
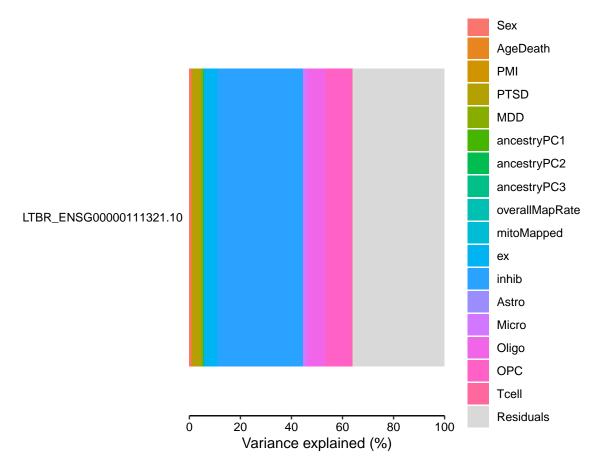
```
library(variancePartition)
## Loading required package: ggplot2
## Loading required package: limma
## Loading required package: BiocParallel
update_gene_names <- function(df){</pre>
  gene_map <- readRDS("/data/humgen/daskalakislab/dipietro/SciencePaper/Data/RNA/Bulk/RNA_Gene_Map.RDS"</pre>
 df$genes <- rownames(df)</pre>
 df <- merge(df, gene_map, by="genes", all.x=T)</pre>
 rownames(df) <- paste0(df$symbol, "_", df$genes)</pre>
  df <- df[ , -which(names(df) %in% c("genes", "symbol"))]</pre>
 return(df)
}
ca <- readRDS("/data/humgen/daskalakislab/dipietro/SciencePaper/Data/RNA/VariancePartition/Genes/Finali
ca <- update_gene_names(ca)</pre>
dg <- readRDS("/data/humgen/daskalakislab/dipietro/SciencePaper/Data/RNA/VariancePartition/Genes/Finali
dg <- update_gene_names(dg)</pre>
mpfc <- readRDS("/data/humgen/daskalakislab/dipietro/SciencePaper/Data/RNA/VariancePartition/Genes/Fina
mpfc <- update_gene_names(mpfc)</pre>
# Top Genes PTSD Central Amyg #
###################################
# MIR497HG (FDR-)
# LTBR (FDR+)
plotPercentBars(ca[startsWith(rownames(ca), "FKBP5"),])
```

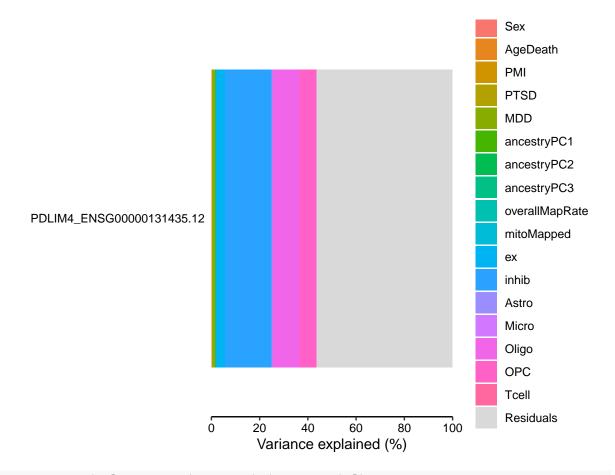


plotPercentBars(ca[startsWith(rownames(ca), "MIR497HG"),])

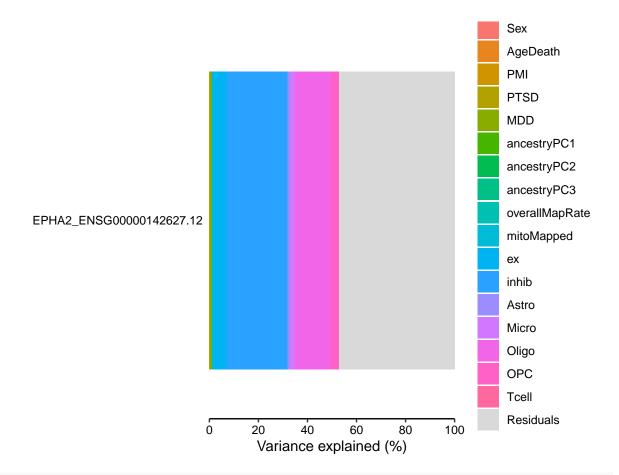


plotPercentBars(ca[startsWith(rownames(ca), "LTBR"),])

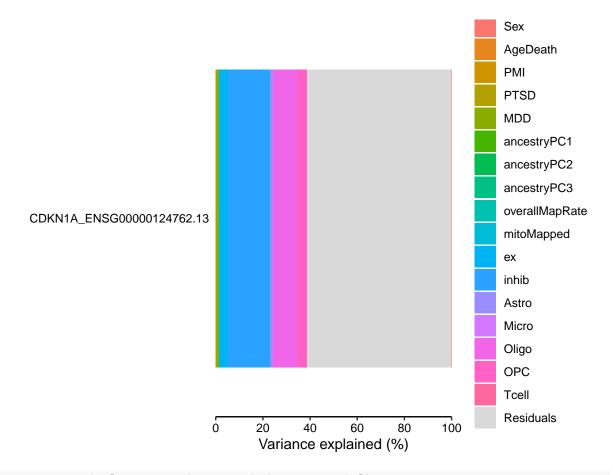




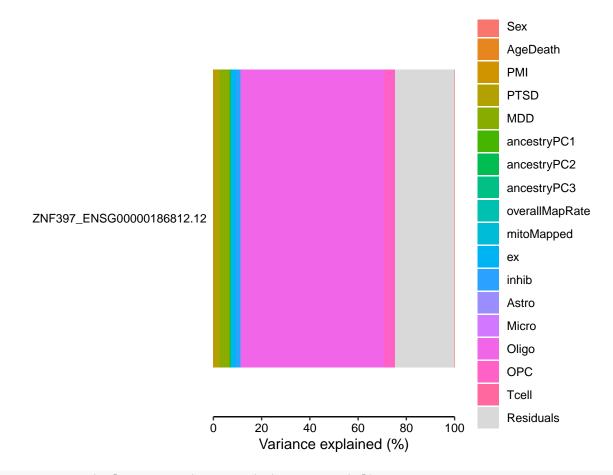
plotPercentBars(ca[startsWith(rownames(ca), "EPHA2"),])



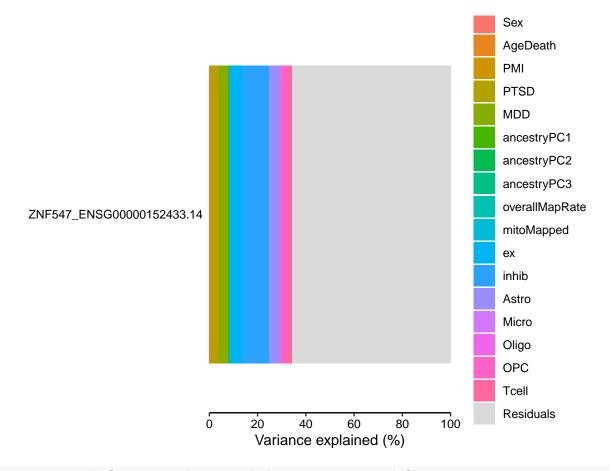
plotPercentBars(ca[startsWith(rownames(ca), "CDKN1A"),])



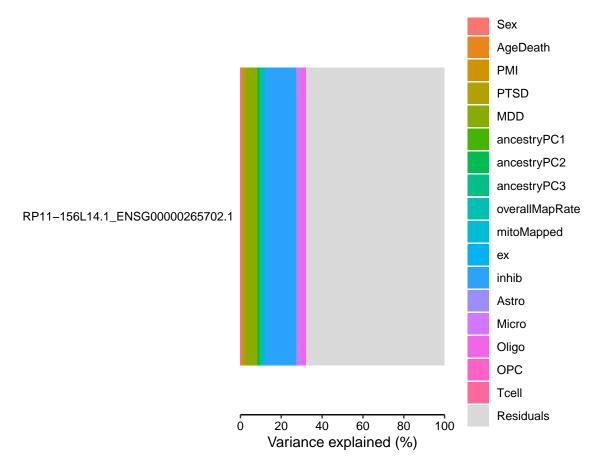
plotPercentBars(ca[startsWith(rownames(ca), "ZNF397"),])

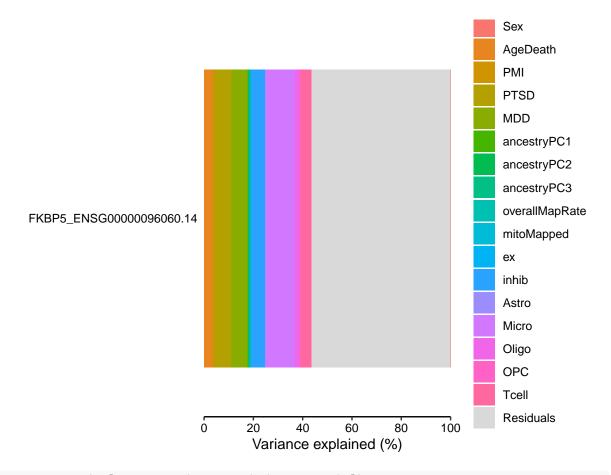


plotPercentBars(ca[startsWith(rownames(ca), "ZNF547"),])

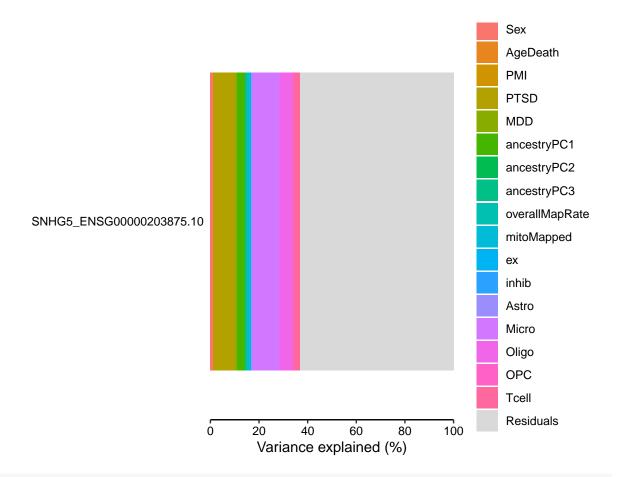


plotPercentBars(ca[startsWith(rownames(ca), "RP11-156L14.1"),])

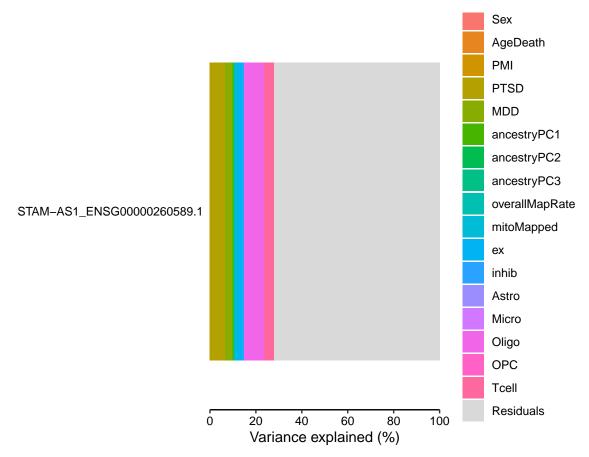


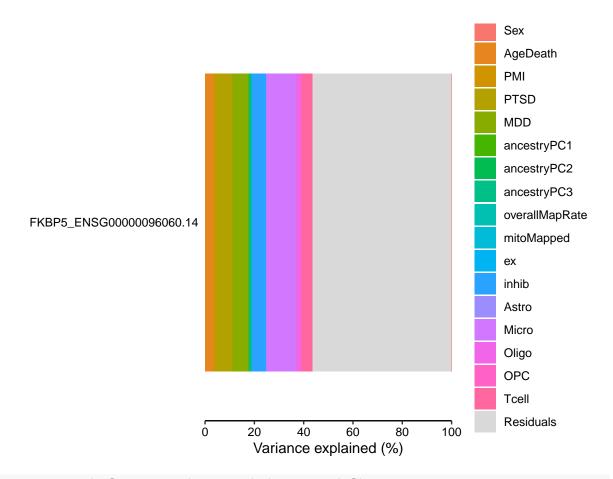


plotPercentBars(dg[startsWith(rownames(dg), "SNHG5"),])

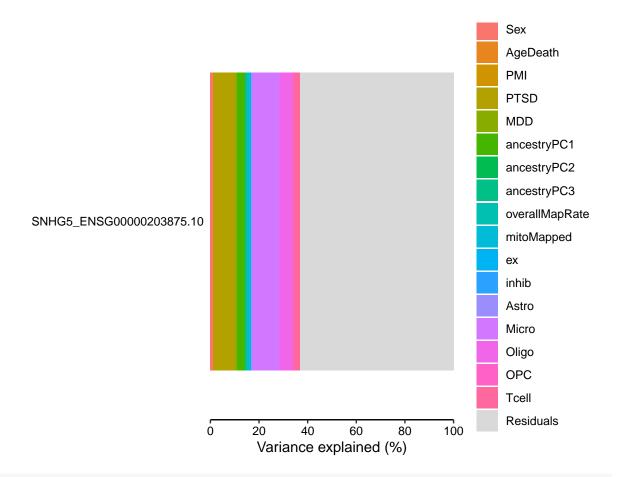


plotPercentBars(dg[startsWith(rownames(dg), "STAM-AS1"),])

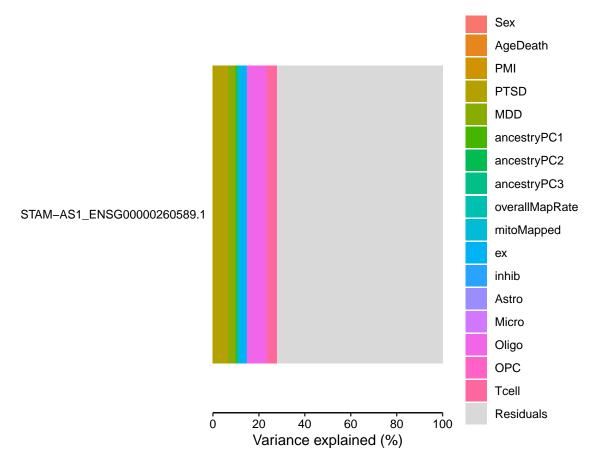


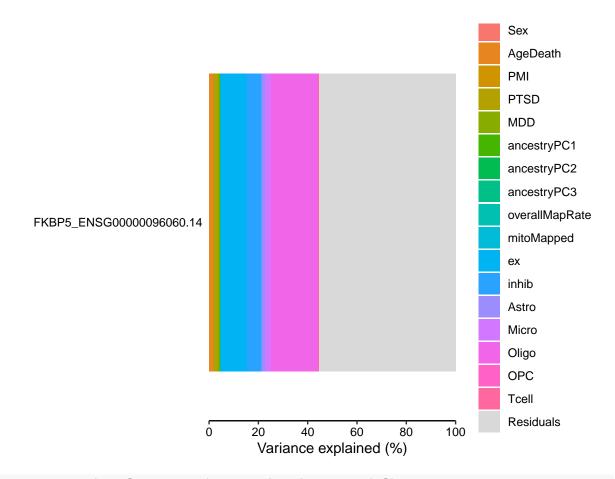


plotPercentBars(dg[startsWith(rownames(dg), "SNHG5"),])

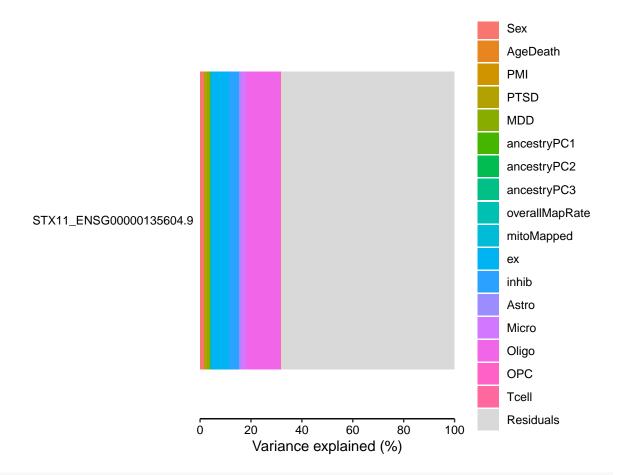


plotPercentBars(dg[startsWith(rownames(dg), "STAM-AS1"),])

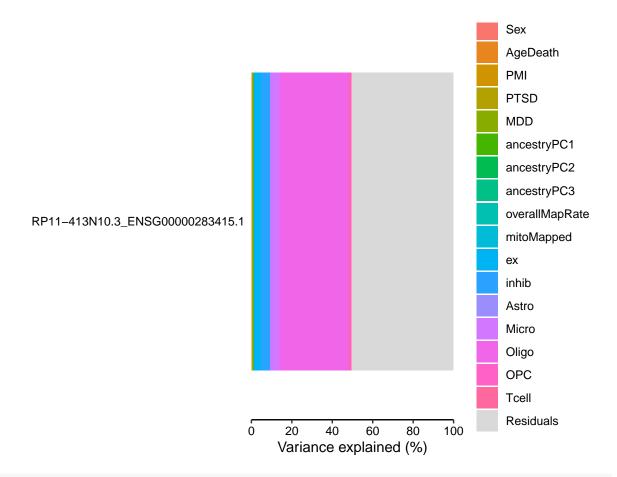




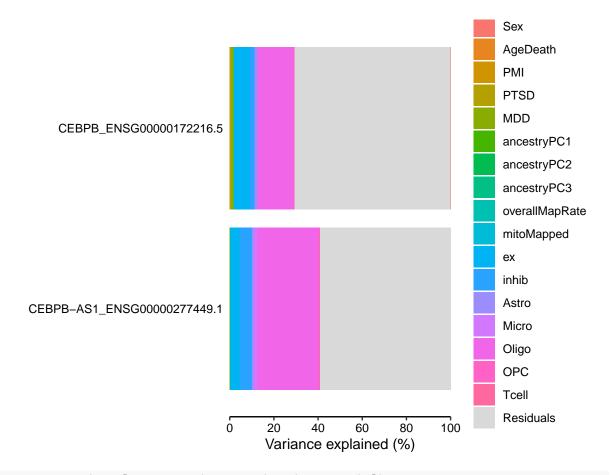
plotPercentBars(mpfc[startsWith(rownames(mpfc), "STX11"),])



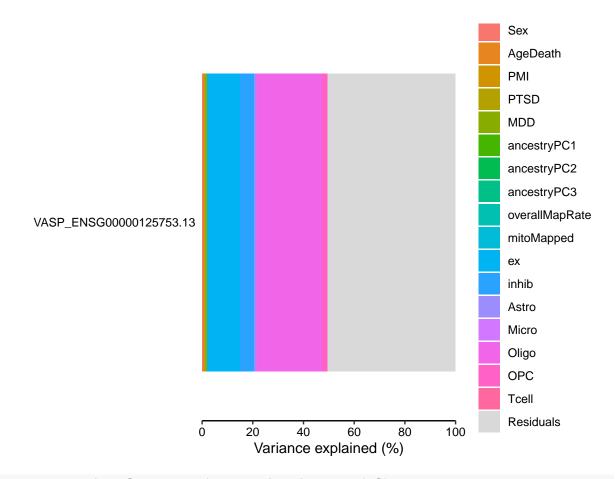
plotPercentBars(mpfc[startsWith(rownames(mpfc), "RP11-413N10.3"),])



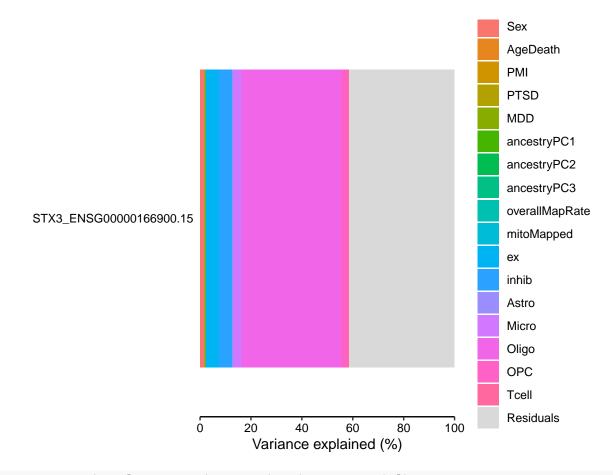
plotPercentBars(mpfc[startsWith(rownames(mpfc), "CEBPB"),])



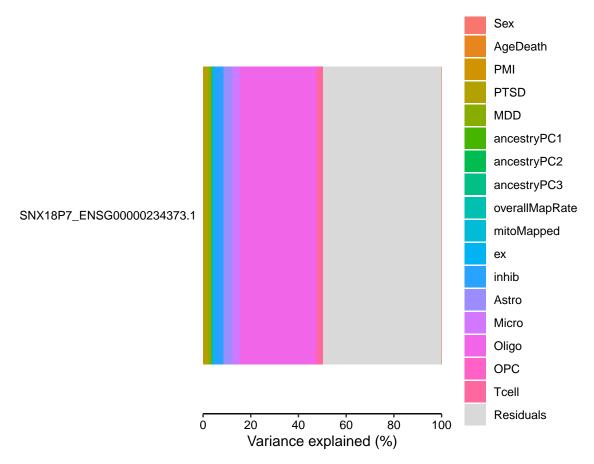
plotPercentBars(mpfc[startsWith(rownames(mpfc), "VASP"),])

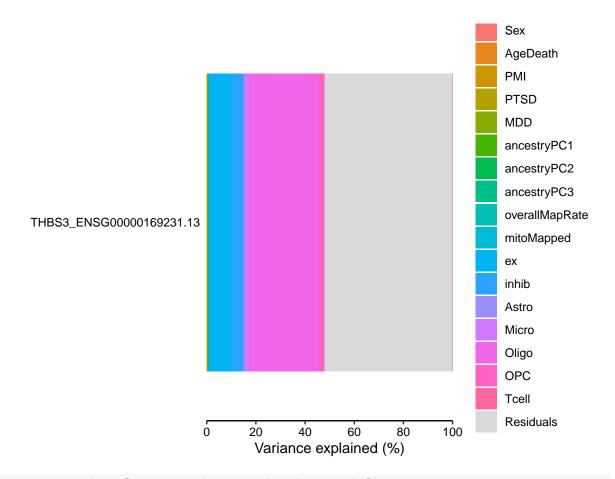


plotPercentBars(mpfc[startsWith(rownames(mpfc), "STX3"),])

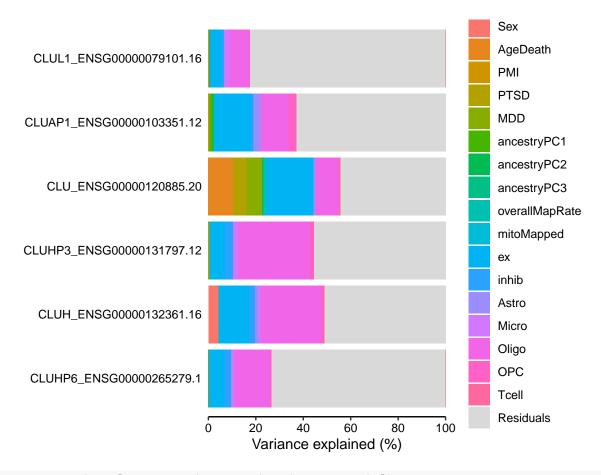


plotPercentBars(mpfc[startsWith(rownames(mpfc), "SNX18P7"),])

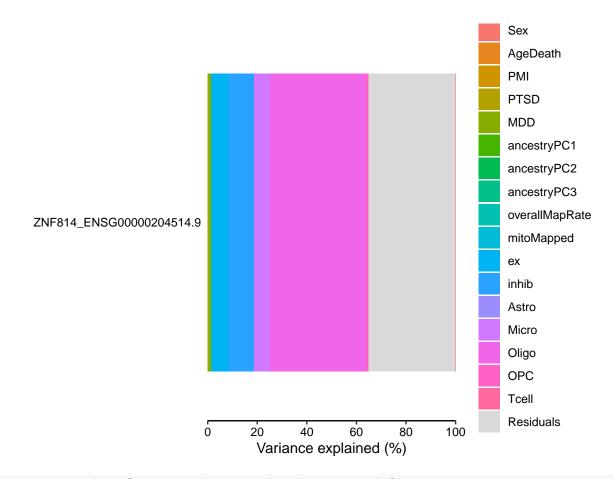




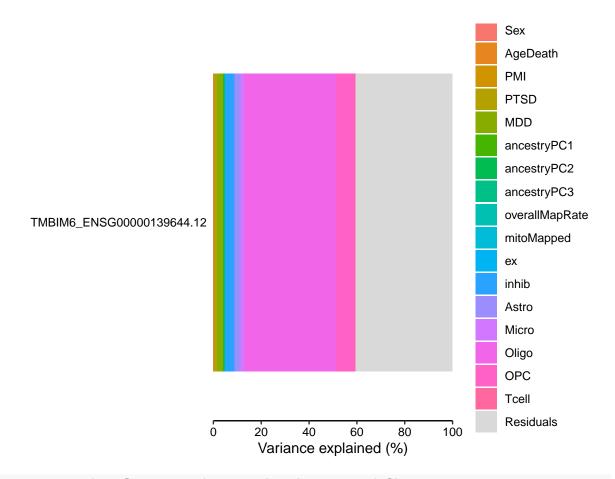
plotPercentBars(mpfc[startsWith(rownames(mpfc), "CLU"),])



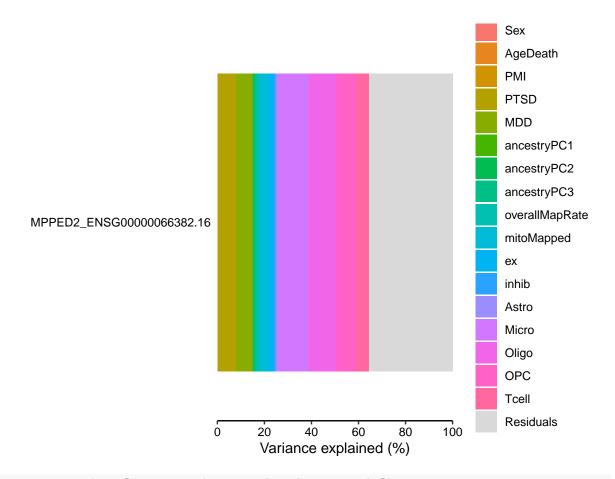
plotPercentBars(mpfc[startsWith(rownames(mpfc), "ZNF814"),])



plotPercentBars(mpfc[startsWith(rownames(mpfc), "TMBIM6"),])



plotPercentBars(mpfc[startsWith(rownames(mpfc), "MPPED2"),])



plotPercentBars(mpfc[startsWith(rownames(mpfc), "UBE2H"),])

