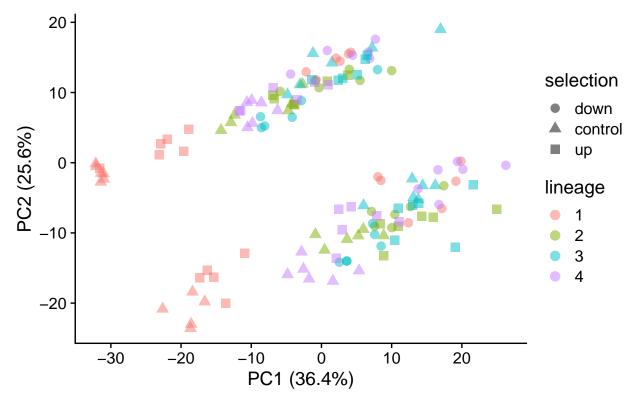
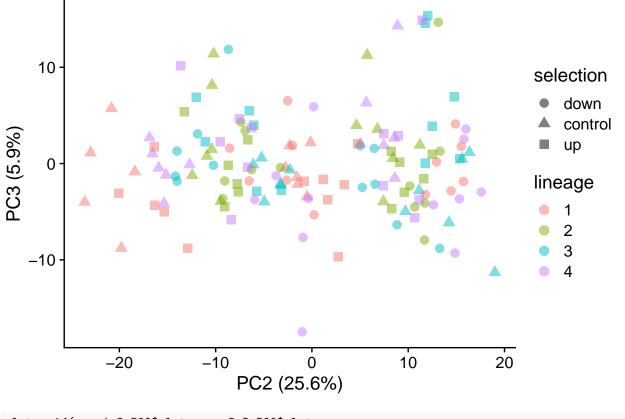
PCA_plotting_corrected_July2023

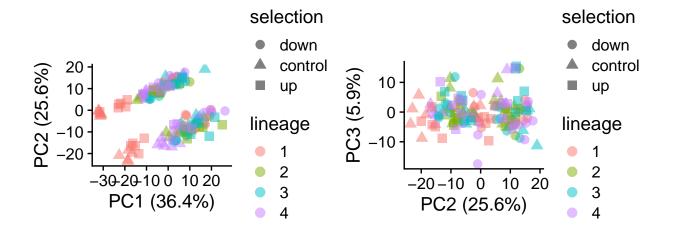
2023-07-19

PC 1 vs 2 and 2 vs 3, 500 genes

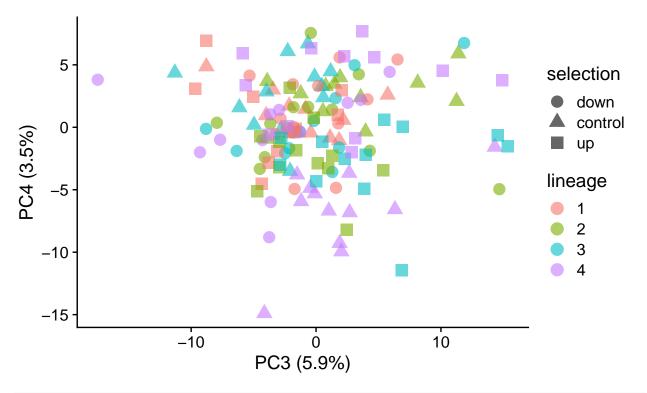




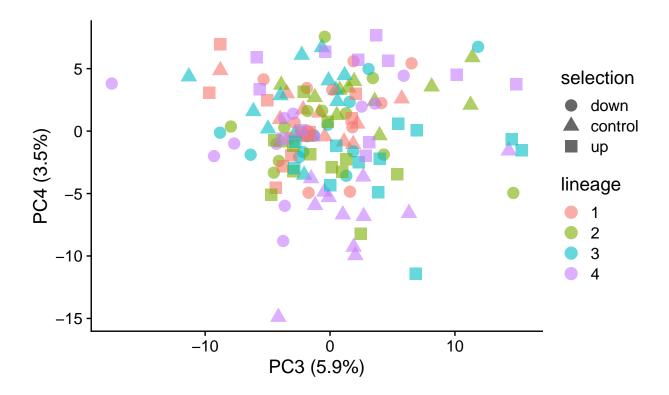
A) B)



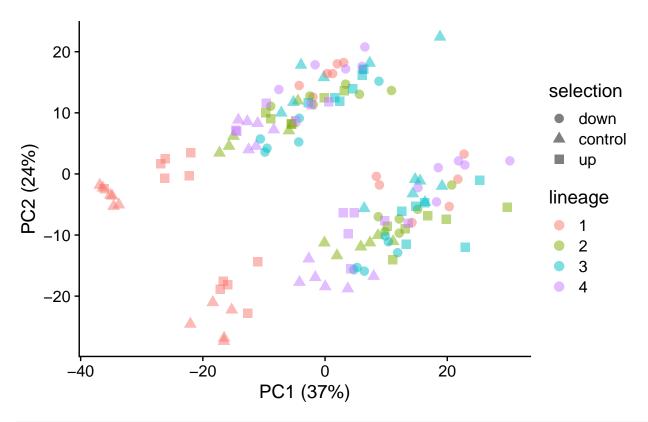
PC 3 vs 4, 500 genes

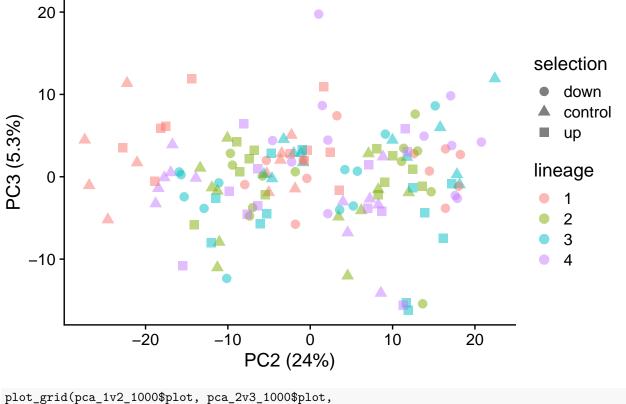


pca_3v4_500\$plot

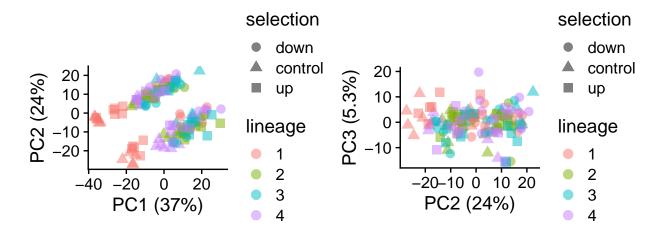


PC 1 vs 2 and 2 vs 3, 1000 genes



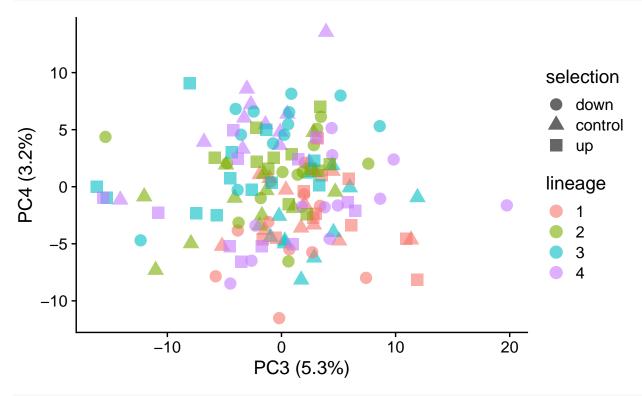




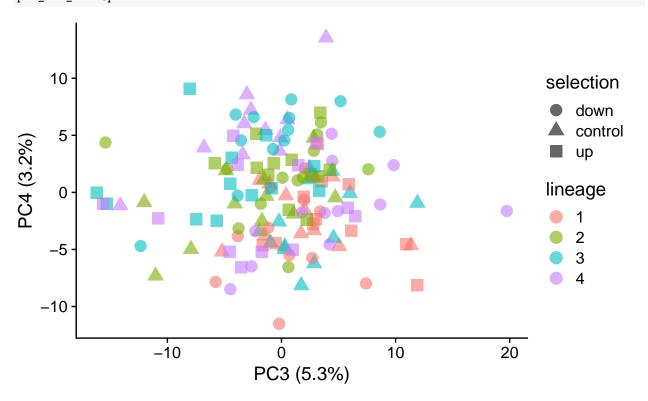


PC 3 vs 4, 1000 genes

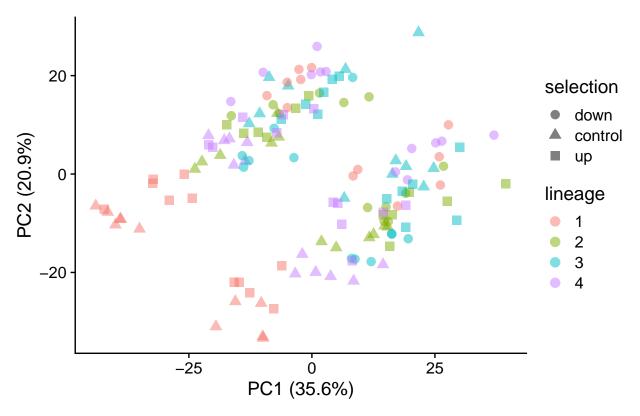
```
n_feats = 1000, #number of genes
scale_feats = FALSE, # we have already scaled these
point_rel_size = 4,
point_alpha = 0.6)
```

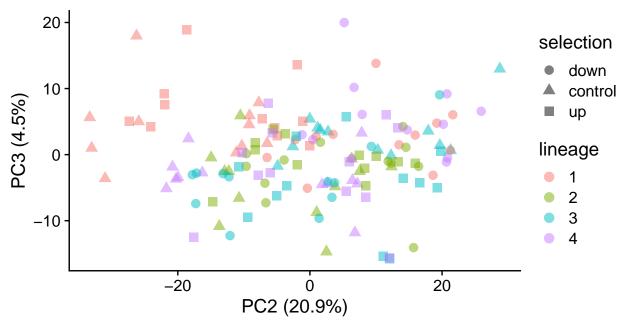


pca_3v4_1000\$plot

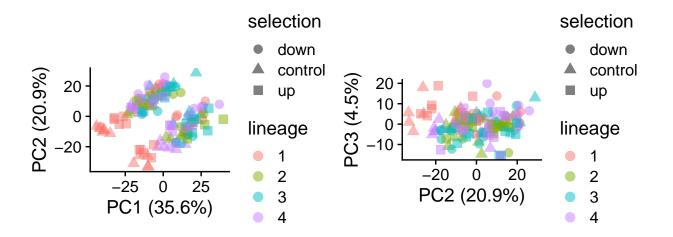


PC 1 vs 2 and 2 vs 3, 5000 genes

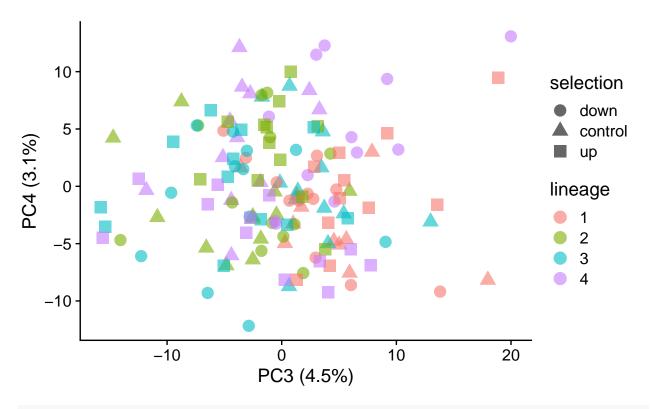




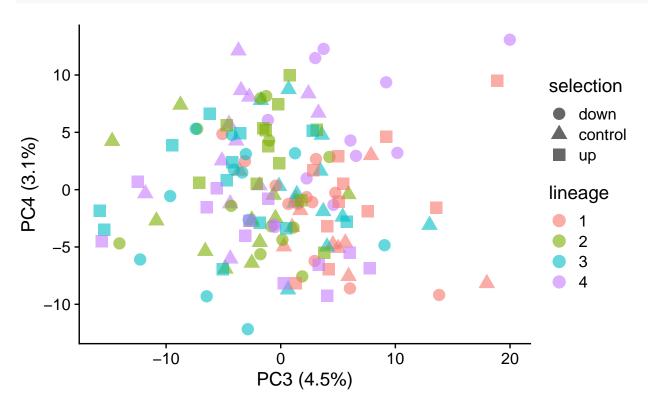




PC 3 vs 4, 5000 genes

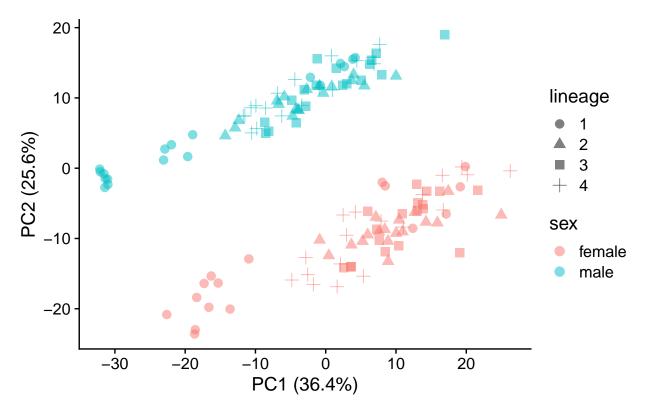


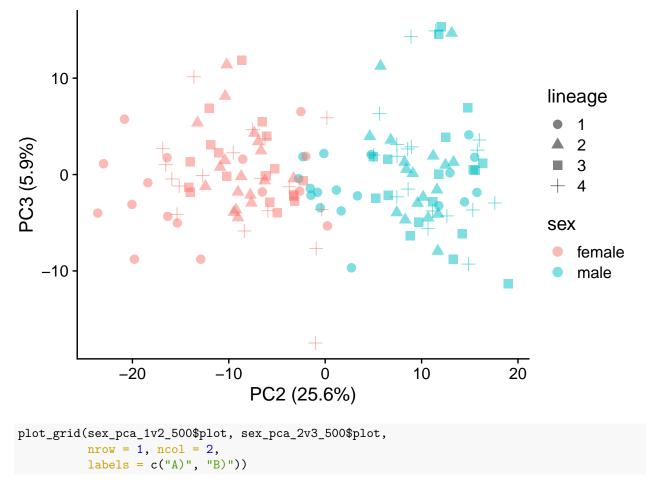




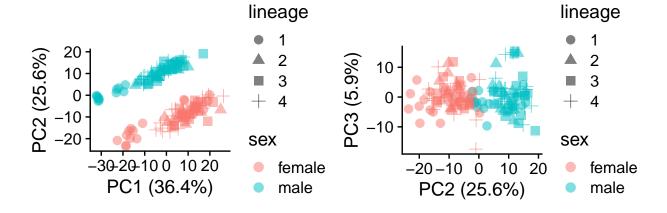
Now colouring by sex and shape by lineage

Sex & Lineage PC 1 vs 2 and 2 vs 3, 500 genes

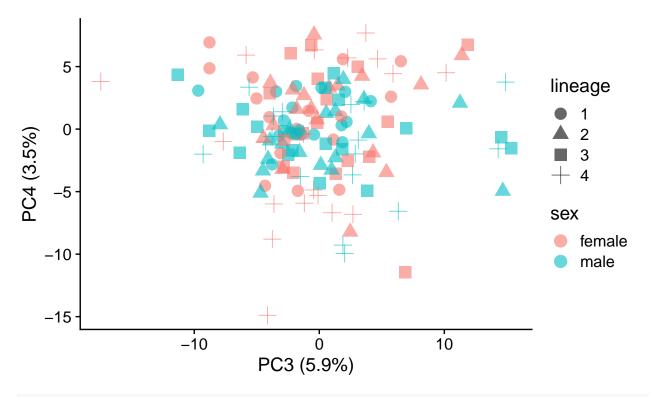




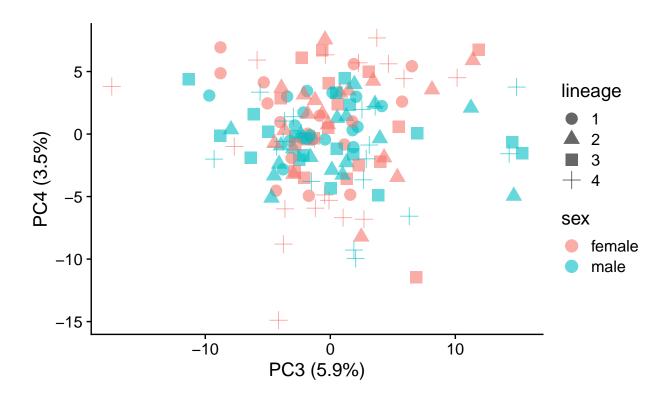




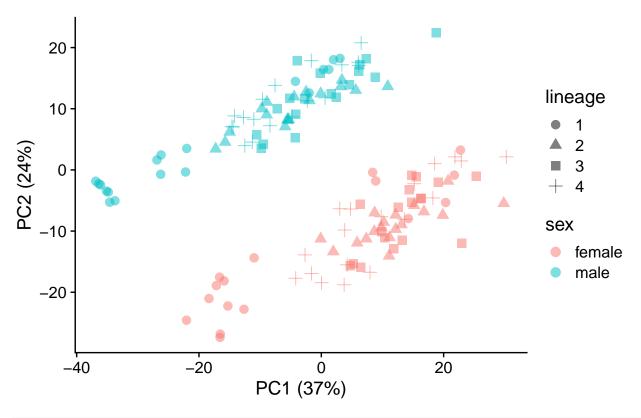
Sex & Lineage PC 3 vs 4, 500 genes

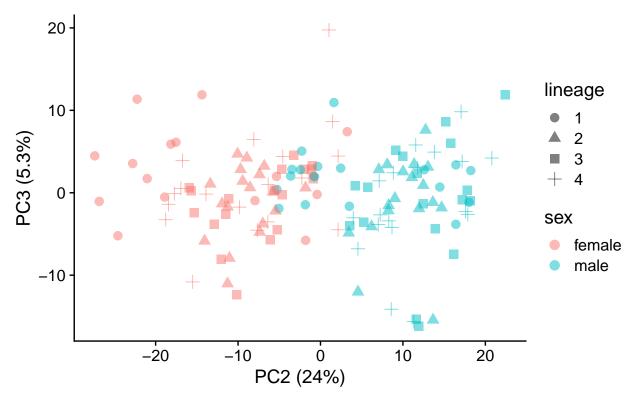


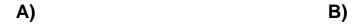
 $sex_pca_3v4_500$ plot

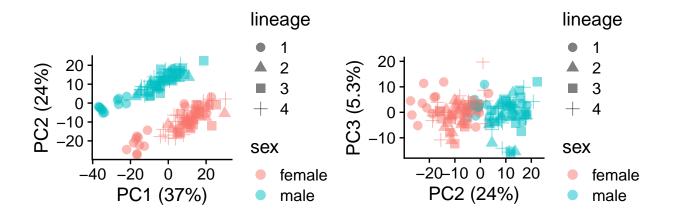


Sex & Lineage PC 1 vs 2 and 2 vs 3, 1000 genes



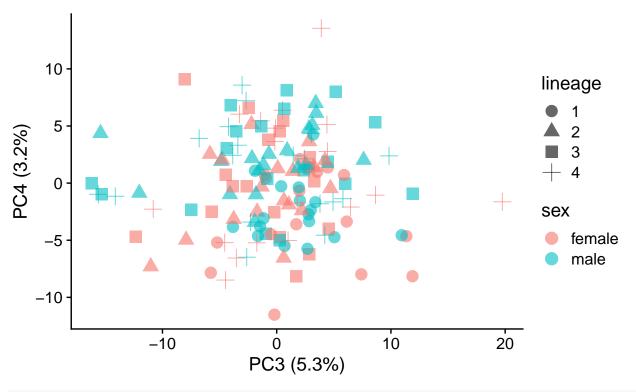




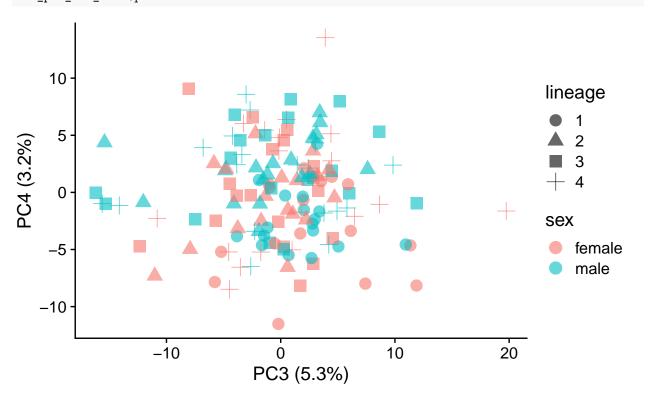


Sex & Lineage PC 3 vs 4, 1000 genes

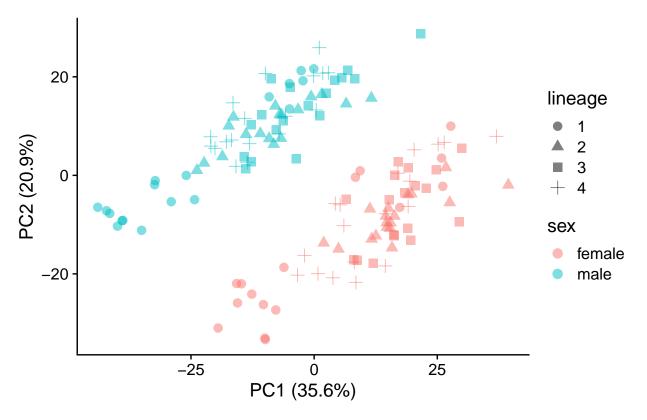
```
n_feats = 1000, #number of genes
scale_feats = FALSE, # we have already scaled these
point_rel_size = 4,
point_alpha = 0.6)
```

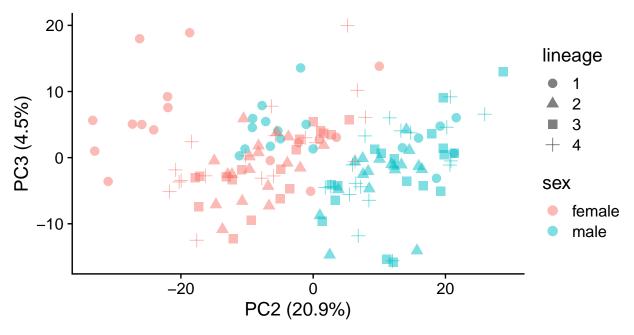


sex_pca_3v4_1000\$plot

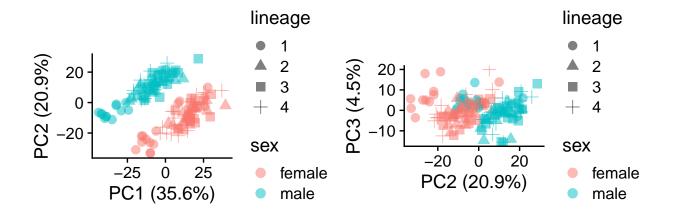


Sex & Lineage PC 1 vs 2 and 2 vs 3, 5000 genes









Sex & Lineage PC 3 vs 4, 5000 genes

