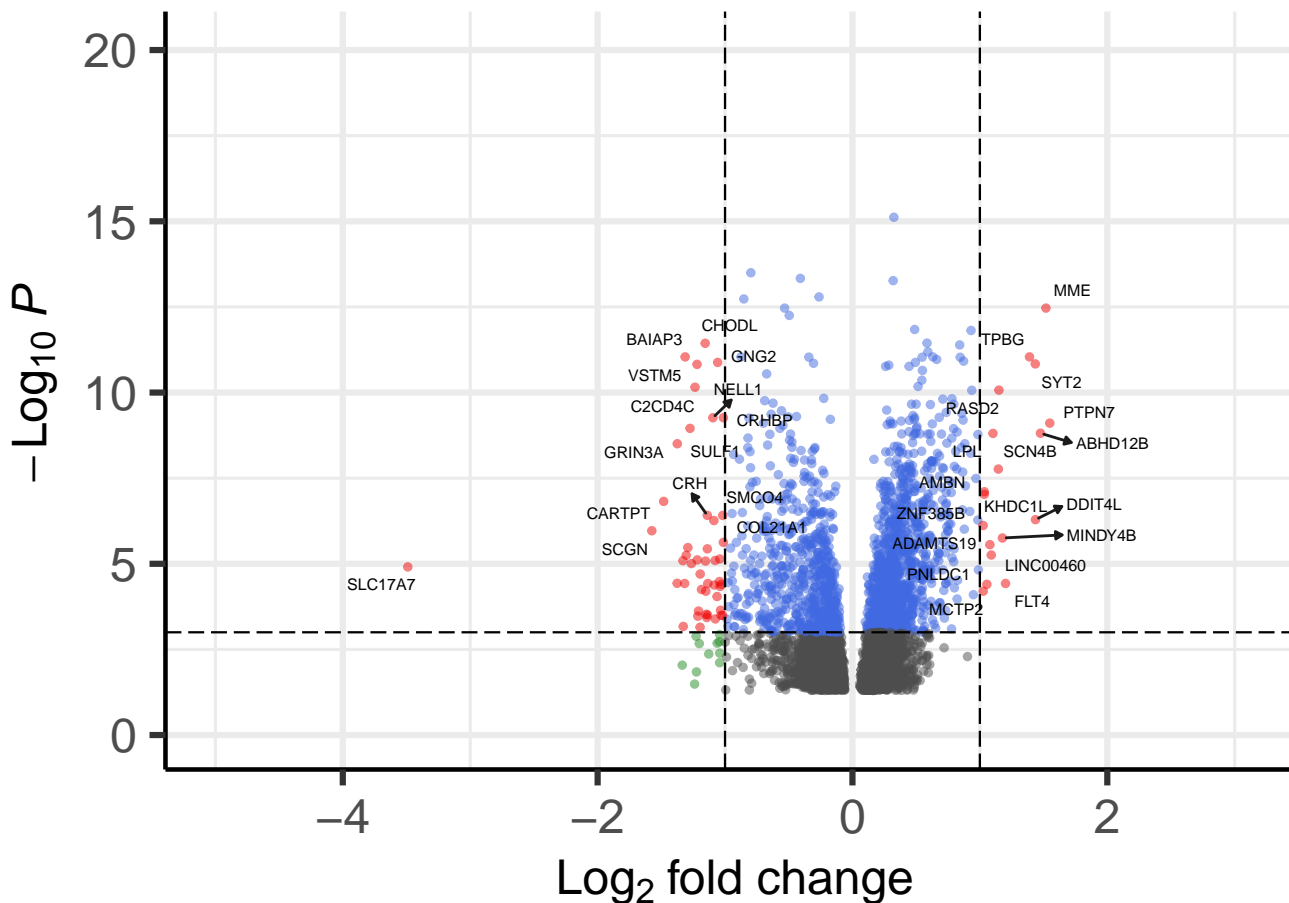**Cluster_1**

EnhancedVolcano

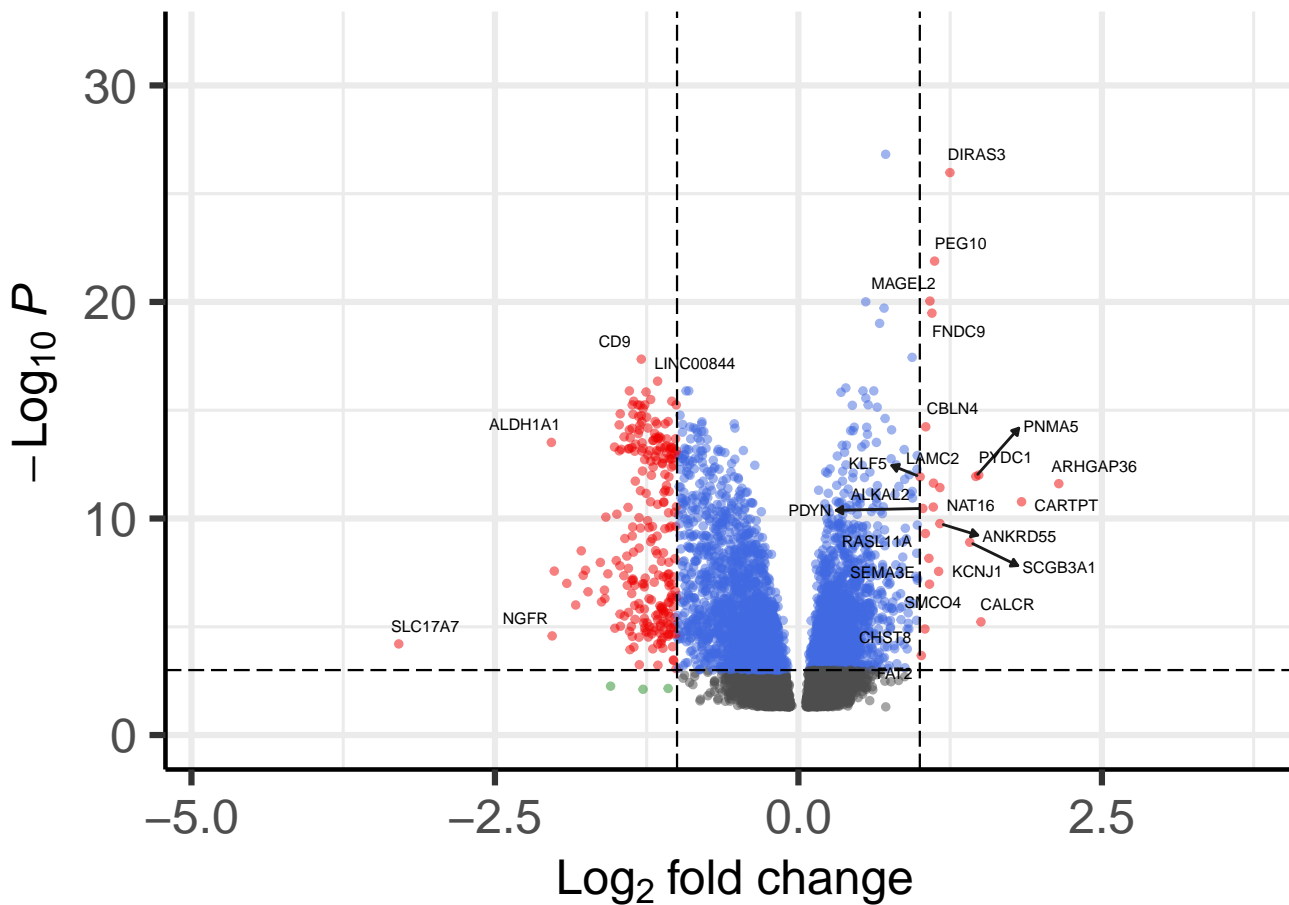Not sig. ● Log FC ● p−value ● p−value & Log FC

total = 4249 variables

Cluster_3

EnhancedVolcano

Not sig.   Log FC   p-value   p-value & Log FC
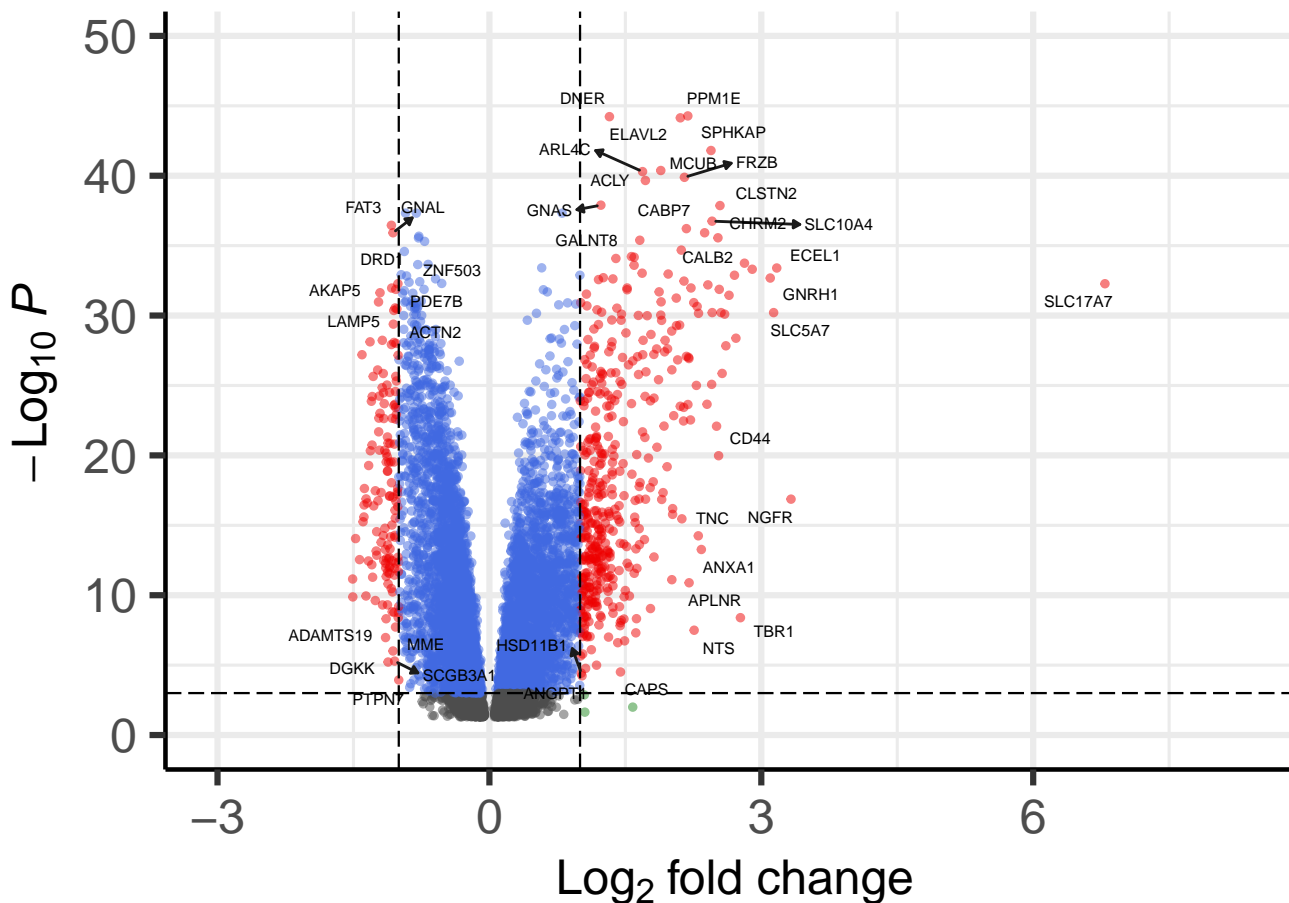
total = 6605 variables

Cluster_4

EnhancedVolcano

total = 9098 variables