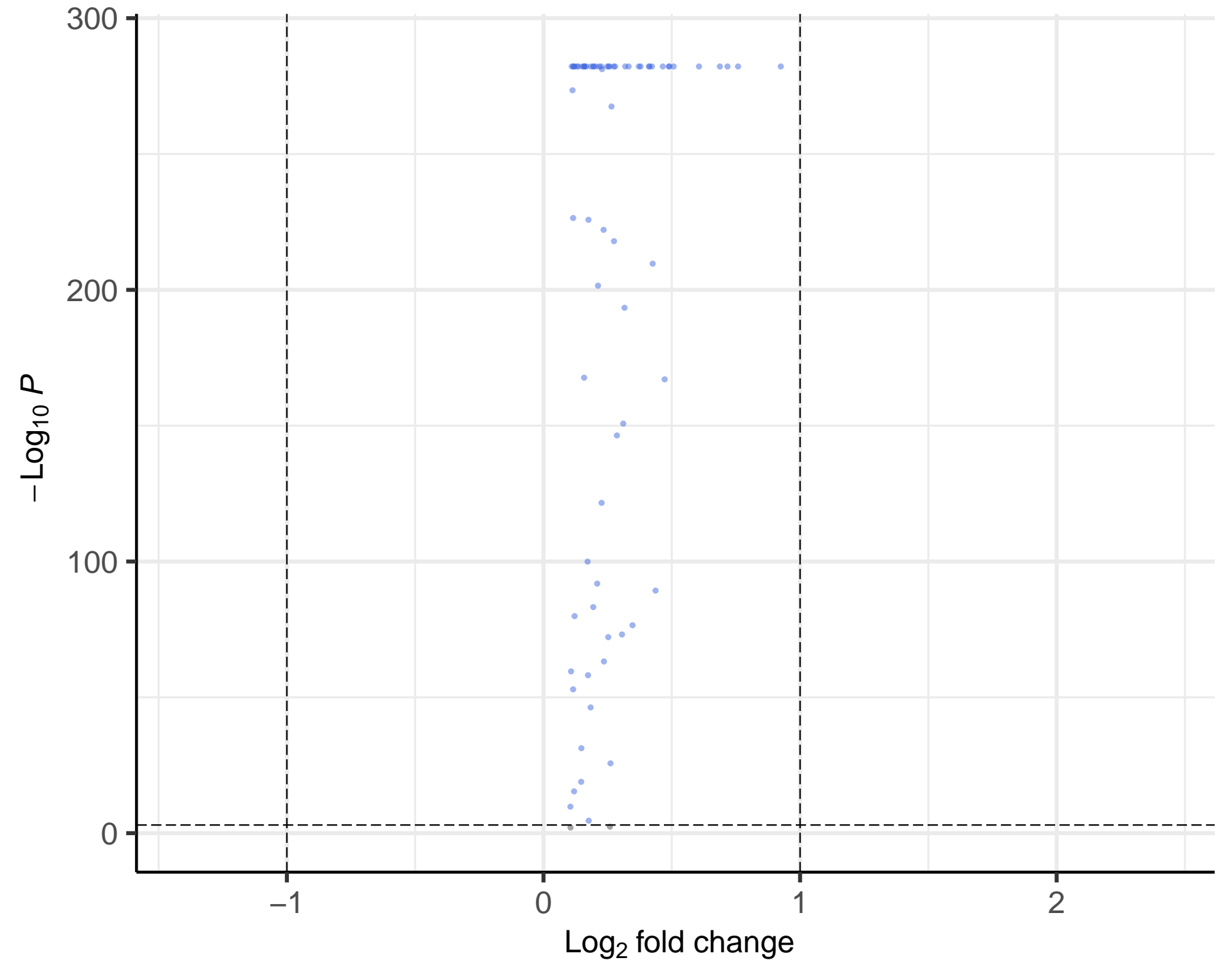


# Cluster\_1

*EnhancedVolcano*

● Not sig. ● p-value

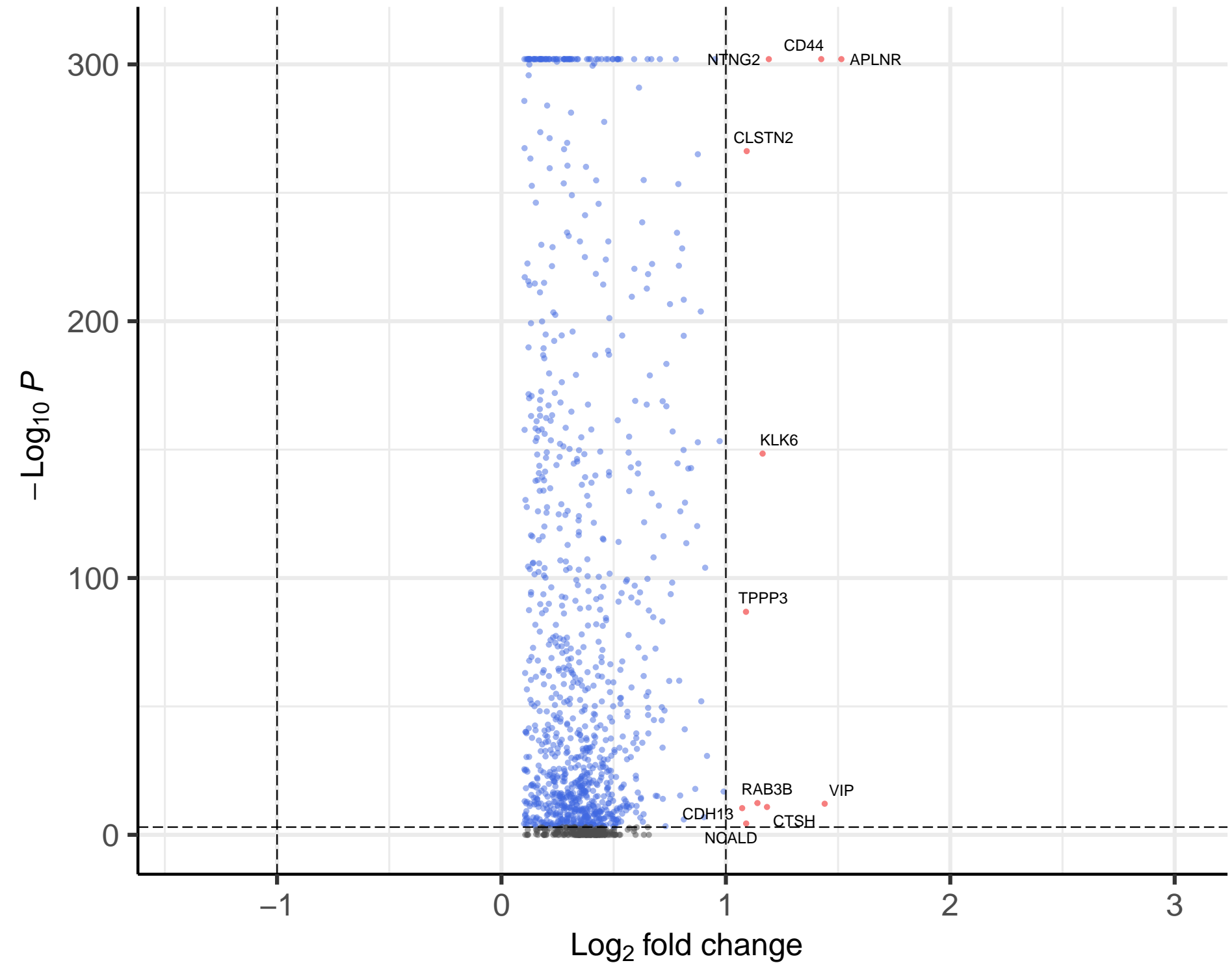


total = 74 variables

# Cluster\_2

EnhancedVolcano

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



total = 1229 variables

## Enhanced Volcano

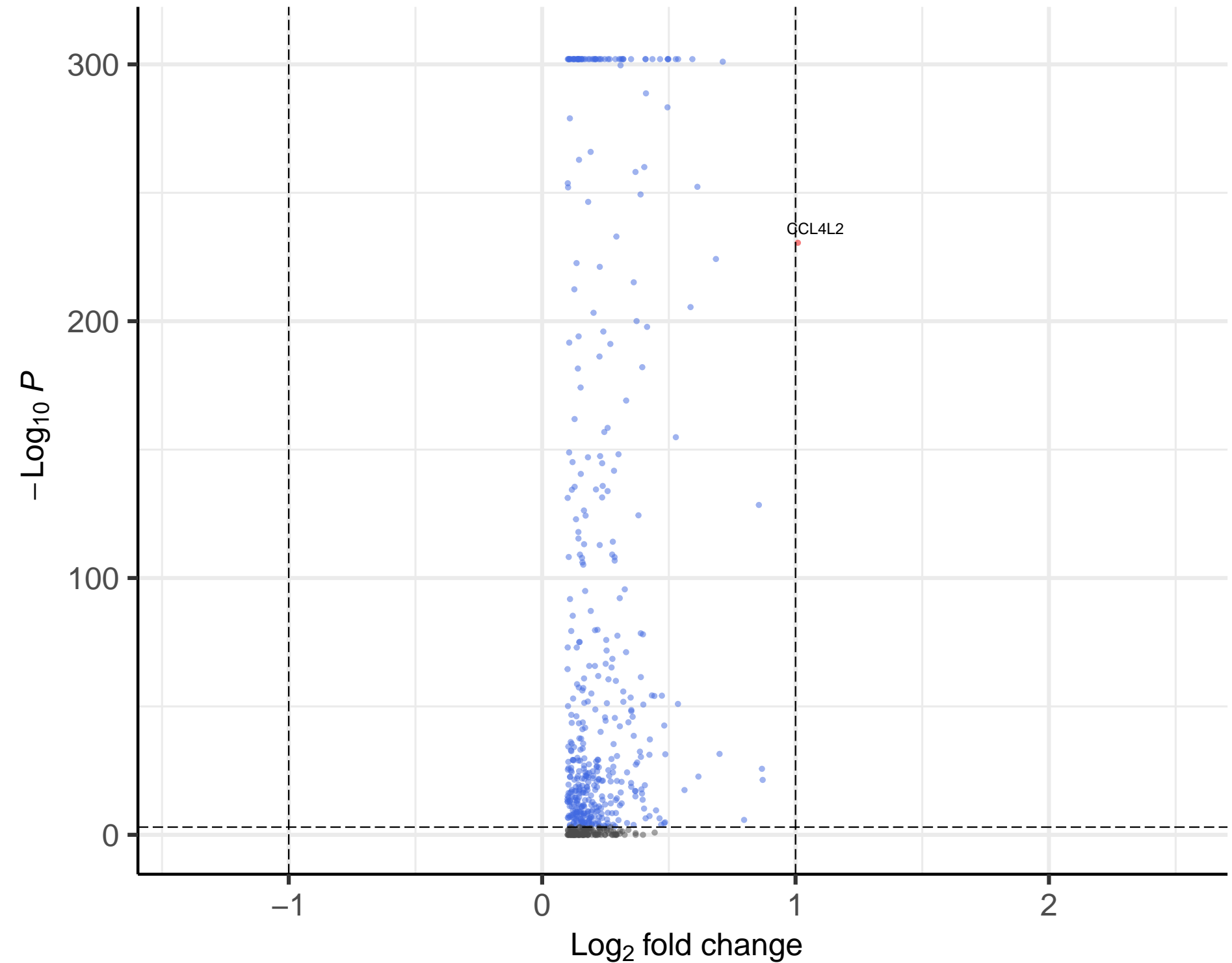
Volcano plot showing differentially expressed genes. The y-axis represents  $-\log_{10} P$  (ranging from 0 to 300) and the x-axis represents  $\log_2$  fold change (ranging from -1 to 5). A vertical dashed line is drawn at  $\log_2$  fold change = 1, and a horizontal dashed line is drawn at  $-\log_{10} P = 0$ . Genes are colored blue (downregulated) or red (upregulated). Labeled genes include: GRIK3, DIRAS3, PDE8B, DIRAS2, NPNT, TSHZ1, CLSTN2, GABRA3, MRAP2, NELL1, PDE1A, PLCXD3, FOXP2, RPRM, RXFP1, TRHDE, CPNE4, LUZP2, RXRG, STXBP6, GNG4, FRPS2, SLC35F1, CAMK2D, CXCL14, SEZ6L, and VIP.

total = 172 variables

# Cluster\_4

*EnhancedVolcano*

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

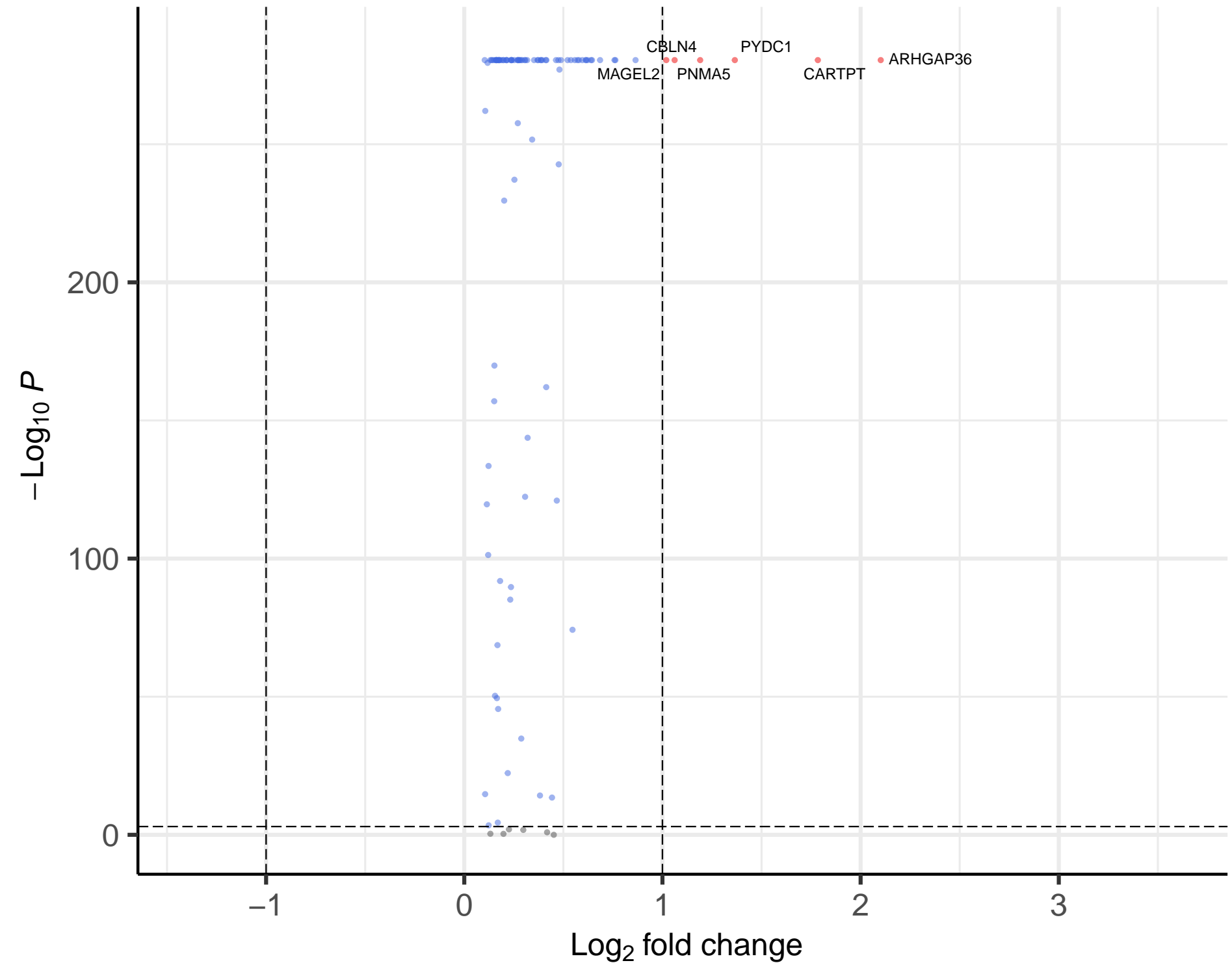


total = 579 variables

# Cluster\_5

EnhancedVolcano

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

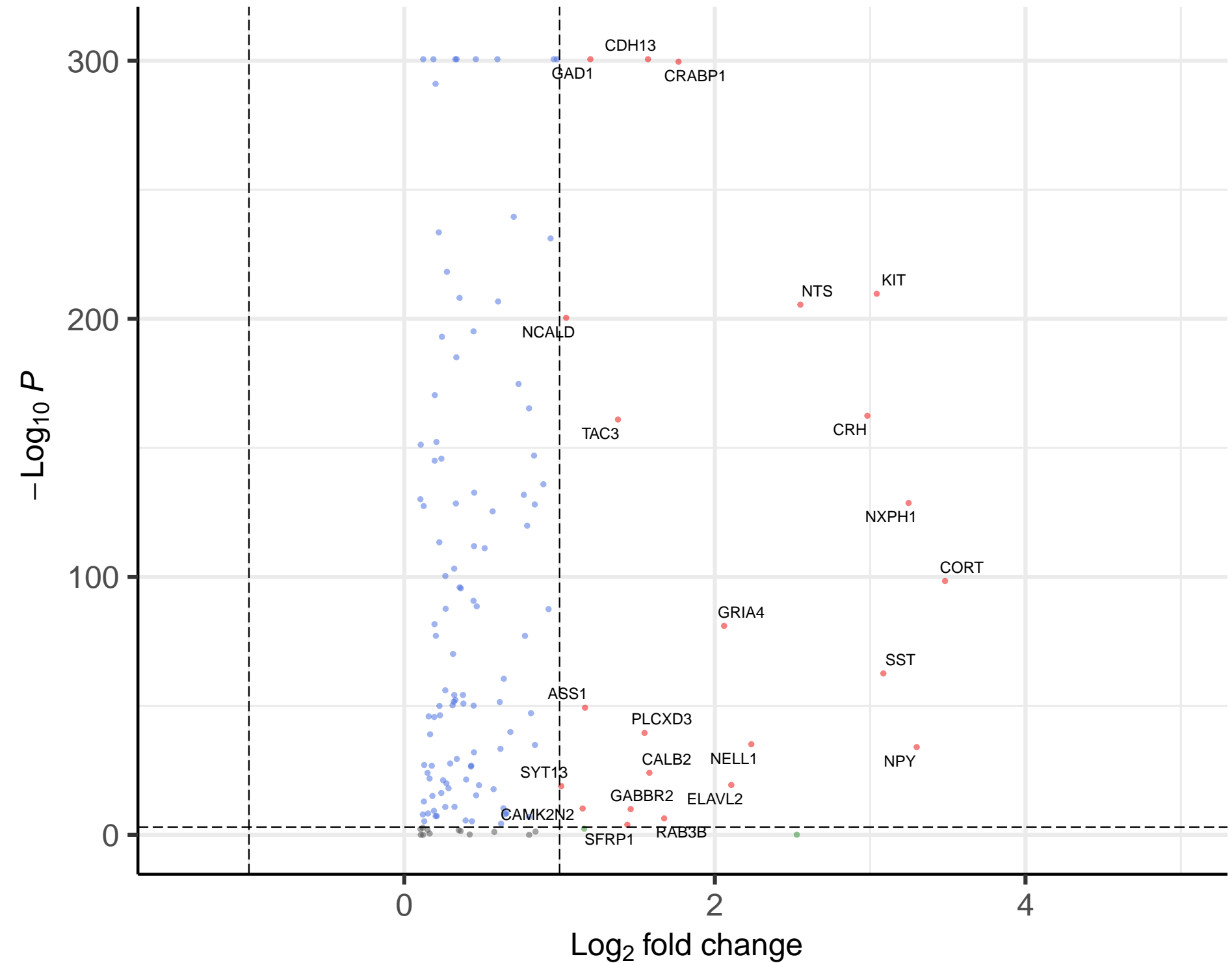


total = 105 variables

# Cluster\_6

EnhancedVolcano

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

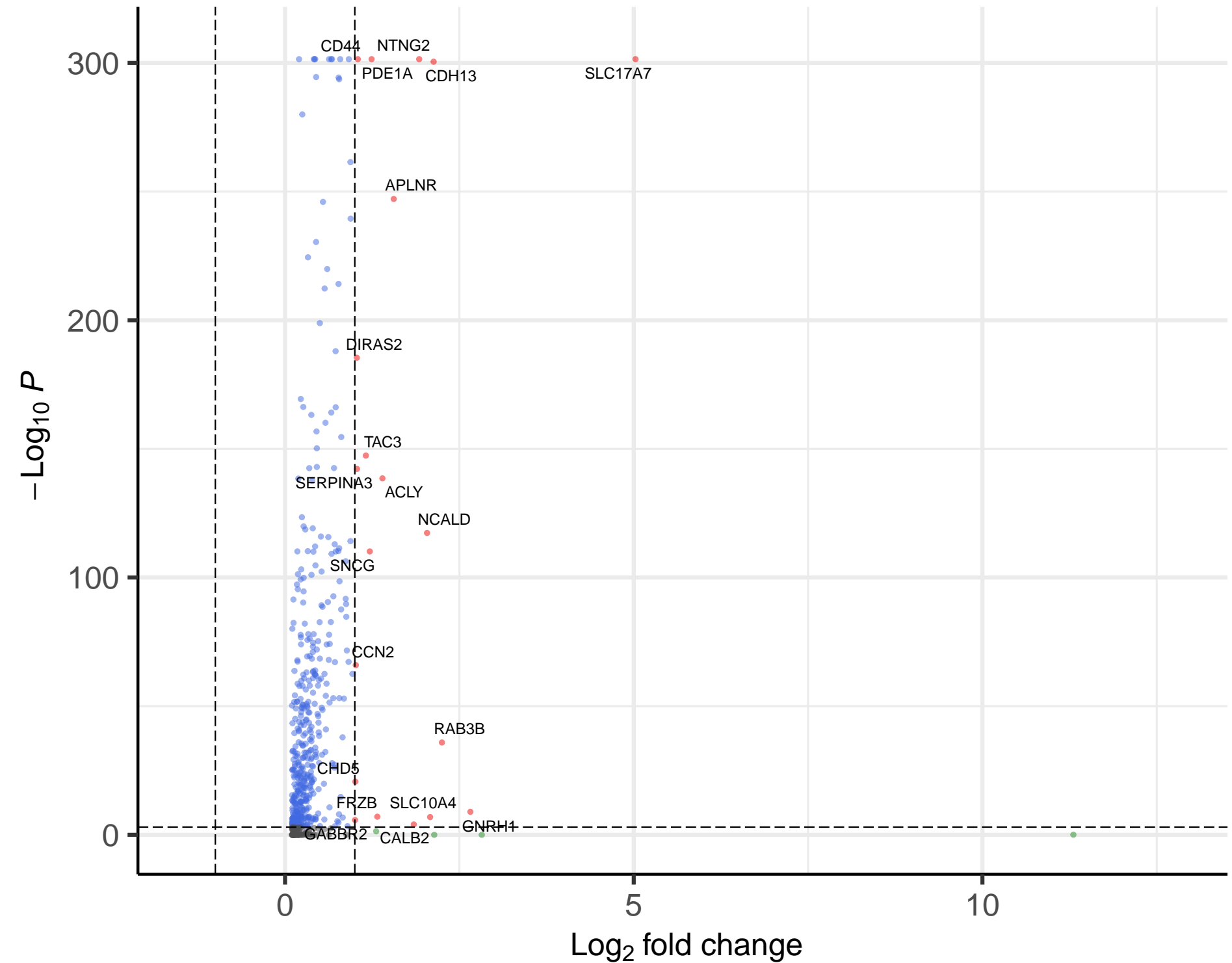


total = 140 variables

# Cluster\_7

EnhancedVolcano

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

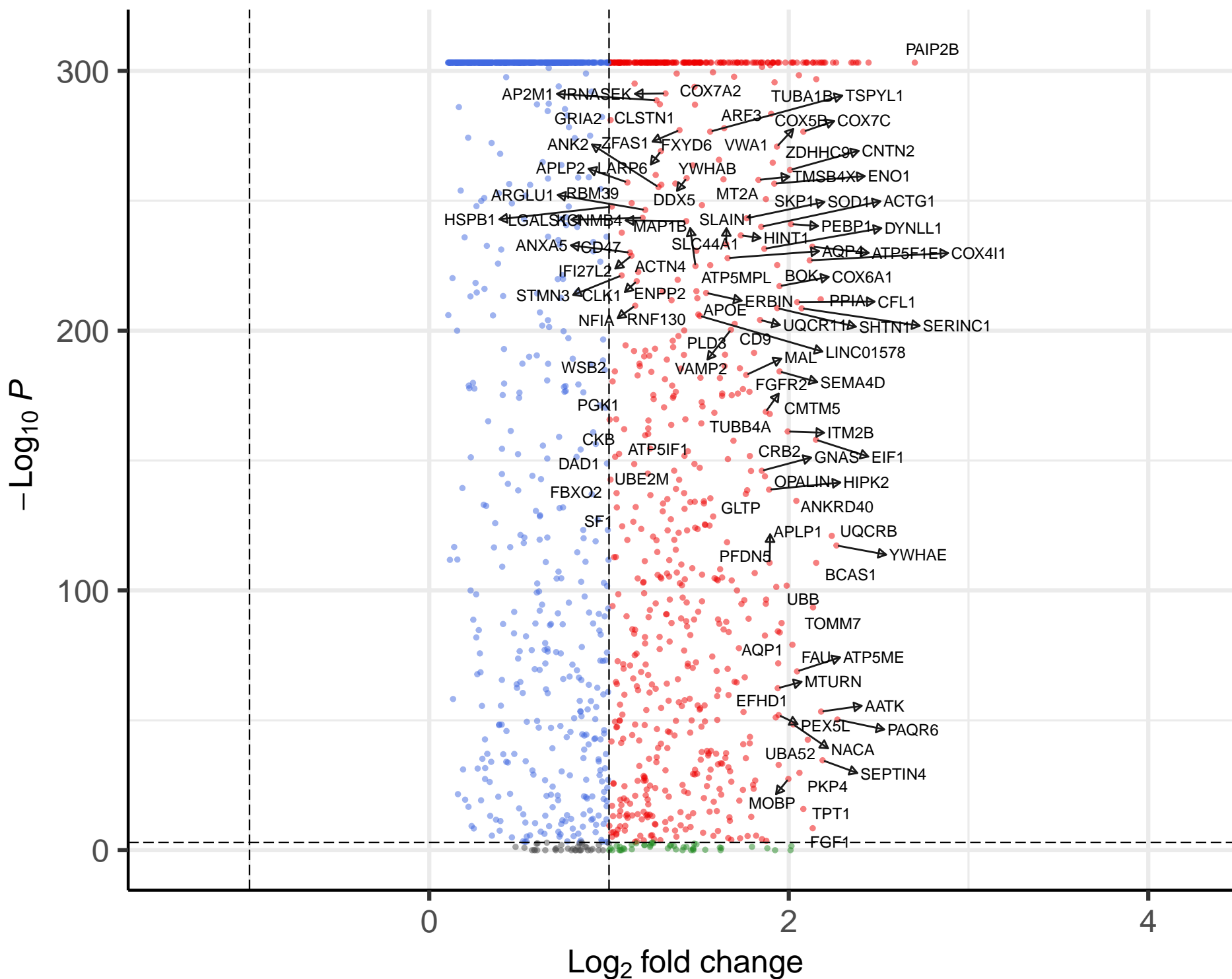


total = 538 variables

# Cluster\_8

EnhancedVolcano

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



total = 1587 variables



## Enhanced Volcano

[illegible]

total = 386 variables