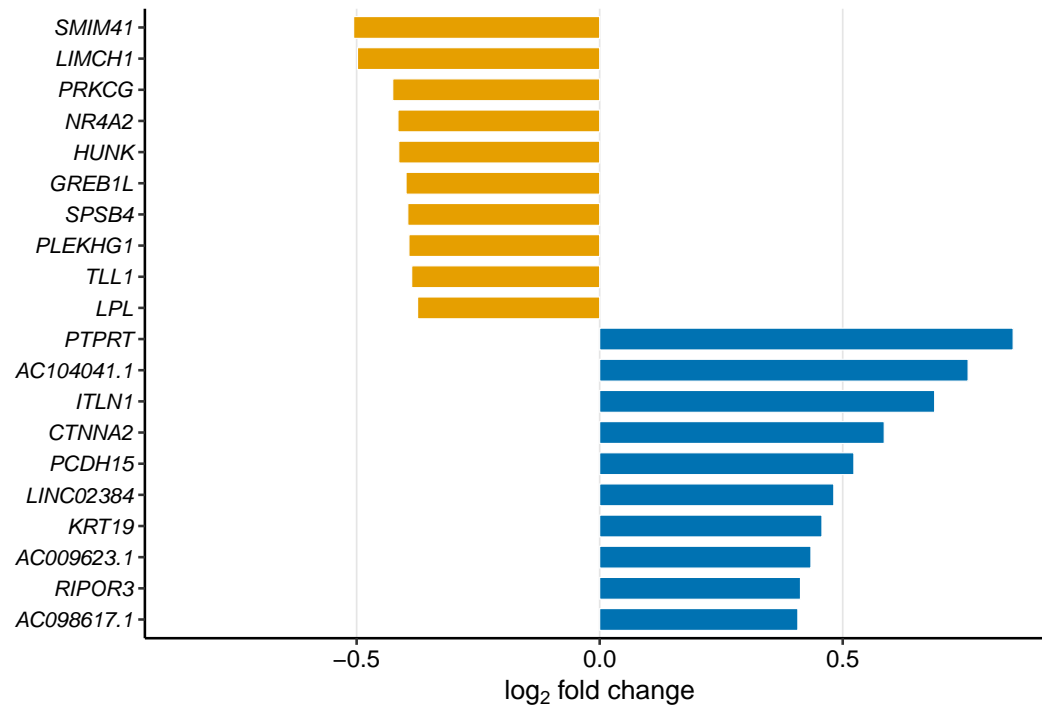# Differential gene expression in healthy vs obese adipocyte clusters
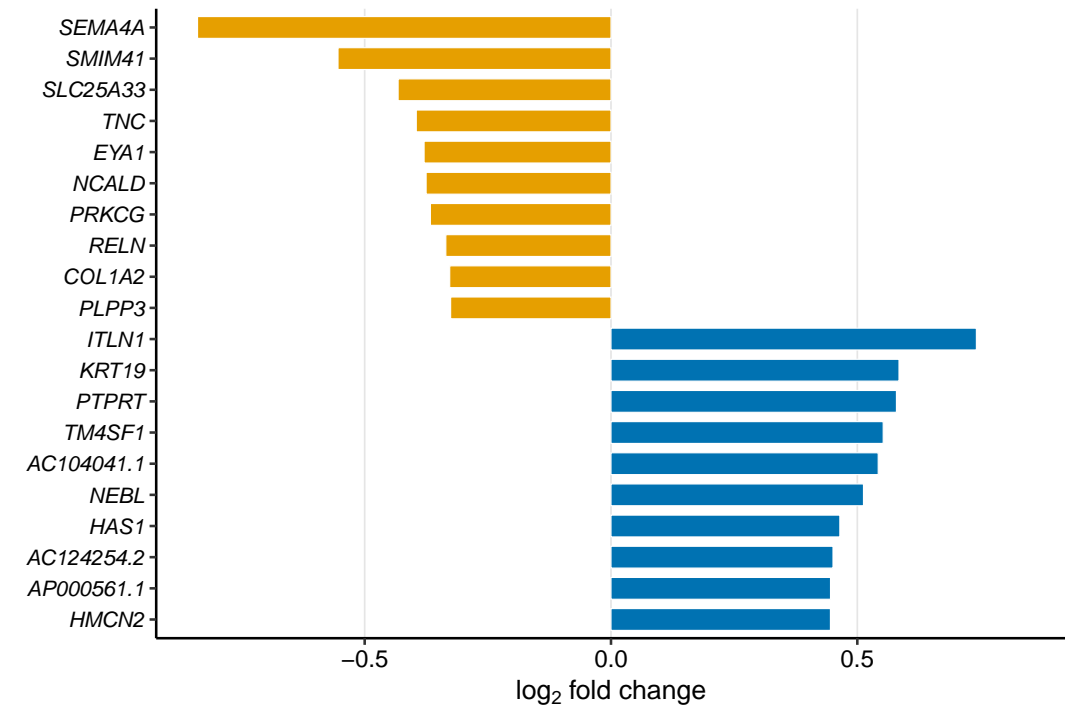
Top 10 most significant genes per cluster
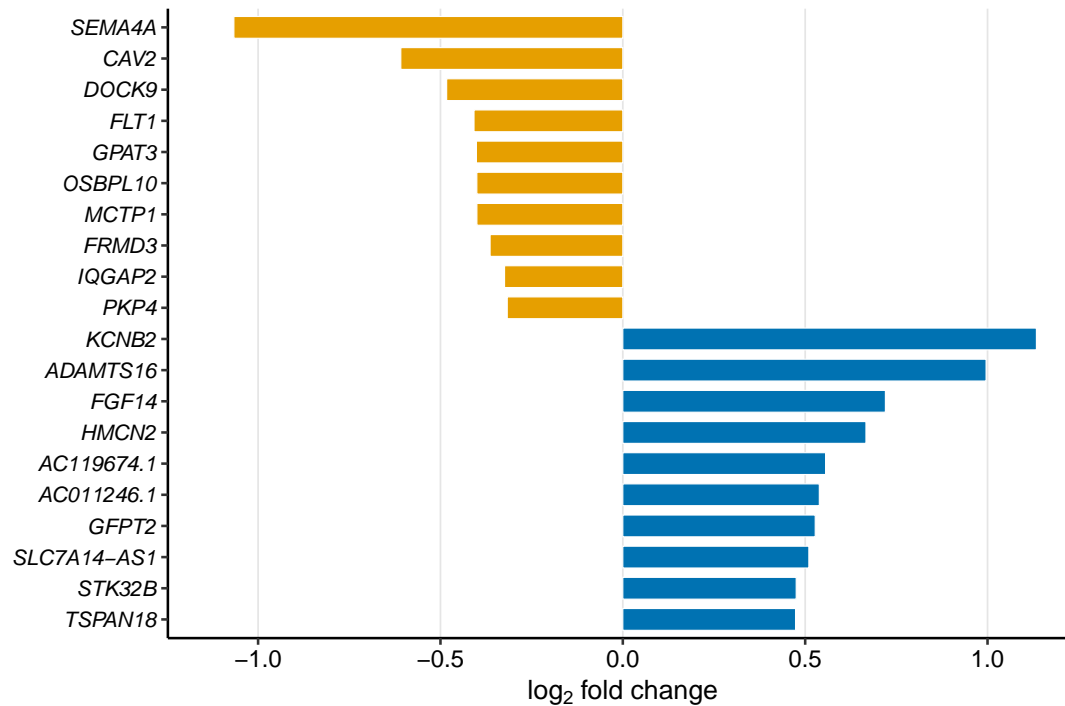

Early preadipocytes

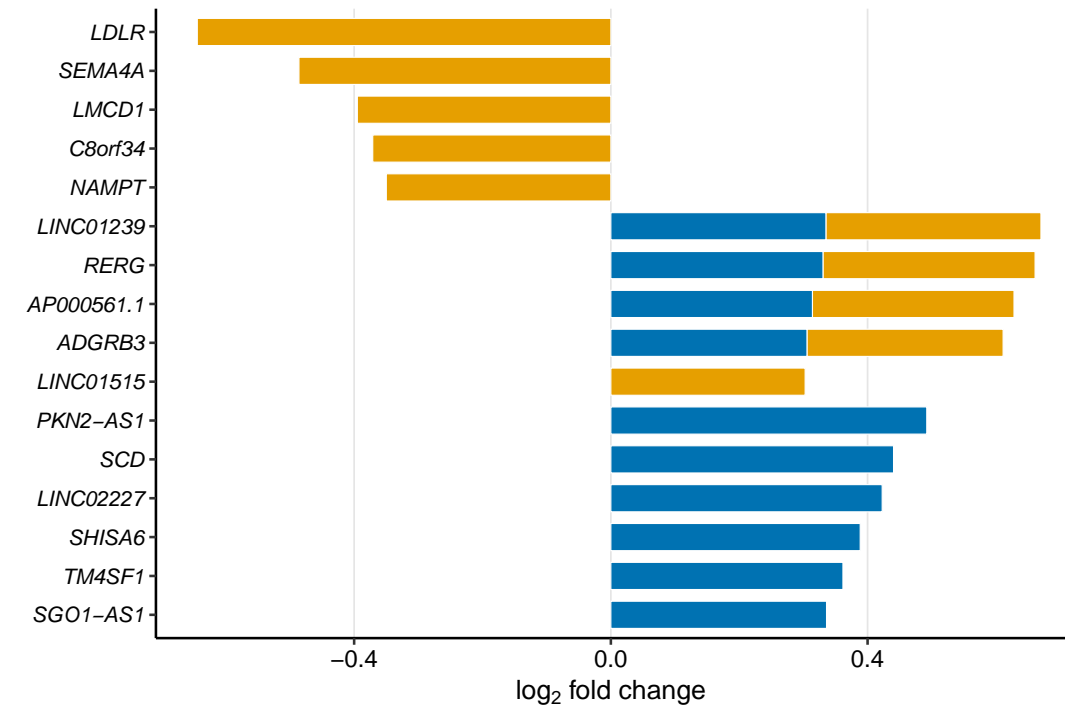Genes (top to bottom): SMIM41, LIMCH1, PRKCG, NR4A2, HUNK, GREB1L, SPSB4, PLEKHG1, TLL1, LPL, PTPRT, AC104041.1, ITLN1, CTNNA2, PCDH15, LINC02384, KRT19, AC009623.1, RIPOR3, AC098617.1

x-axis: log$_2$ fold change

Intermediate preadipocytes

Genes (top to bottom): SEMA4A, SMIM41, SLC25A33, TNC, EYA1, NCALD, PRKCG, RELN, COL1A2, PLPP3, ITLN1, KRT19, PTPRT, TM4SF1, AC104041.1, NEBL, HAS1, AC124254.2, AP000561.1, HMCN2

x-axis: log$_2$ fold change

Transitional adipocytes

Genes (top to bottom): SEMA4A, CAV2, DOCK9, FLT1, GPAT3, OSBPL10, MCTP1, FRMD3, IQGAP2, PKP4, KCNB2, ADAMTS16, FGF14, HMCN2, AC119674.1, AC011246.1, GFPT2, SLC7A14-AS1, STK32B, TSPAN18

x-axis: log$_2$ fold change

Mature adipocytes

Genes (top to bottom): LDLR, SEMA4A, LMCD1, C8orf34, NAMPT, LINC01239, RERG, AP000561.1, ADGRB3, LINC01515, PKN2-AS1, SCD, LINC02227, SHISA6, TM4SF1, SGO1-AS1

x-axis: log$_2$ fold change

Legend: Up in obese (orange), Up in healthy (blue)

Positive log. fold change indicates upregulation in healthy; negative indicates upregulation in obese