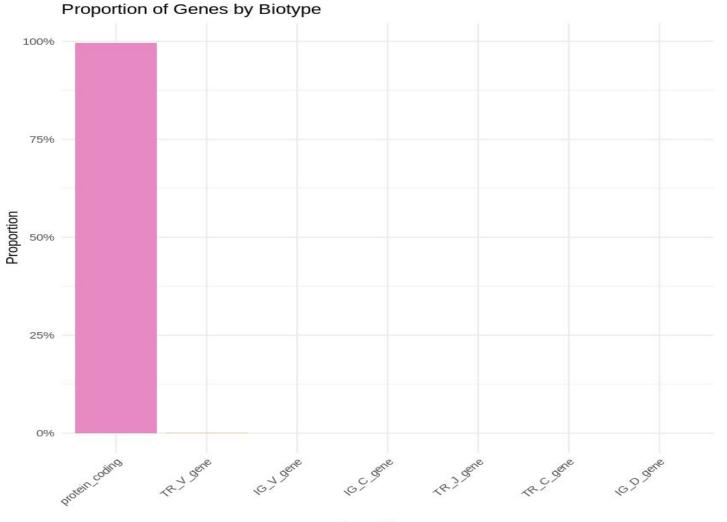
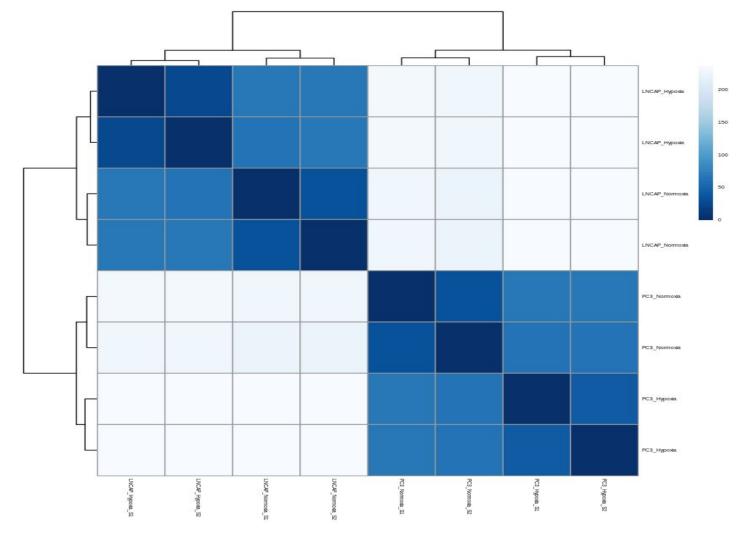
DESeq2 Images

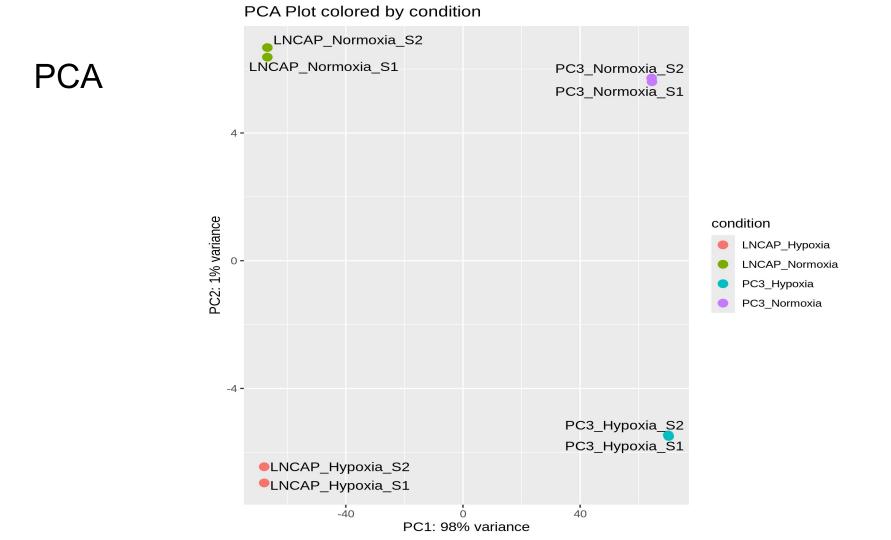
Author: Sanjayan.A



Gene Biotypes

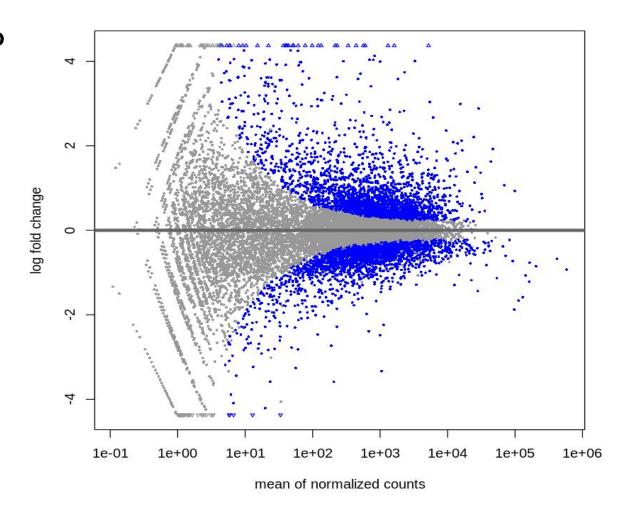
Distance plot





Variance gen condition condition LNCAP_Hypoxia RAC2 DCBLD2 LNCAP_Normoxia 4 H1-3 AXL PC3_Hypoxia LGALS1 2 PC3_Normoxia GSTP1 S100A6 KRT7 0 MMP14 **Н3С3** -2 APOBEC3C TGM2 GJA1 -4 ADAM19 S100A16 GPRC5A FOSL1 SIRPB1 **TGFBI** KRT81 ITGB3 IGFBP4 IL1B TIMP1 PLAU ANXA2 CNN3 CD44 CTNNA1 USP9Y **PICALM** LPAR3 DDX3Y PRUNE2 EHF NCAM2 FOLH1 SPON2 KLK3 KLK2 LNCAP_Hypoxia_S1 LNCAP_Hypoxia_S2 LNCAP_Normoxia_S1 LNCAP_Normoxia_S2 PC3_Normoxia_S1 PC3_Hypoxia_S1 PC3_Hypoxia_S2

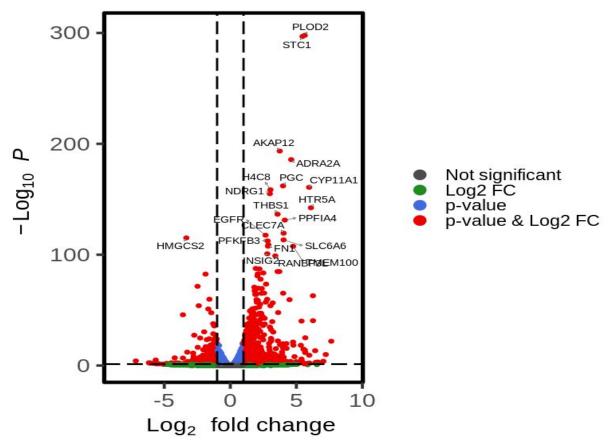
MA plot of LNCAP



Enhanced MA Plot: LNCaP Hypoxia vs Normoxia

Volcano plot

EnhancedVolcano

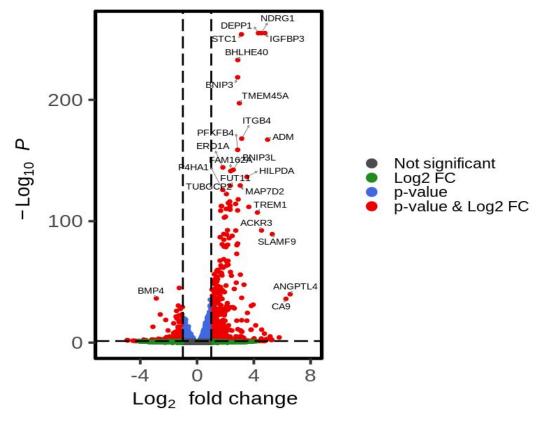


fold change cutoff: 1; p-value cutoff: 0.05

Volcano plot

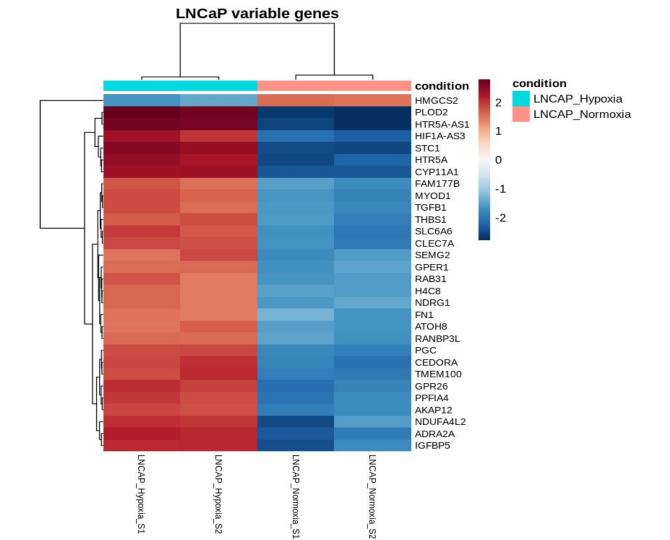
Enhanced Volcano Plot: PC3 Hypoxia vs Normoxia

EnhancedVolcano

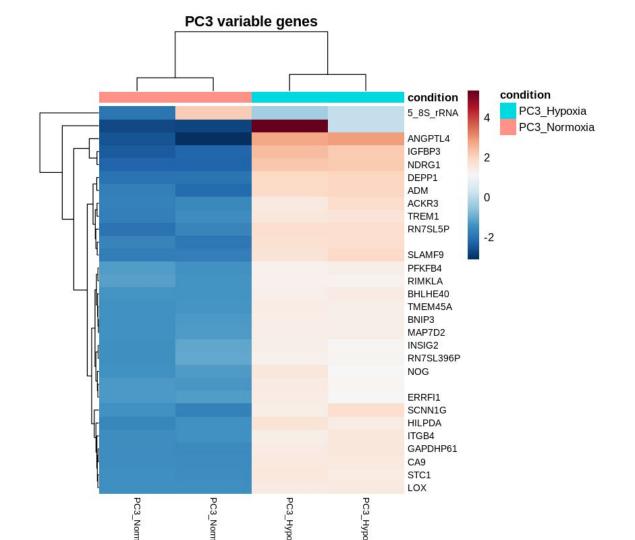


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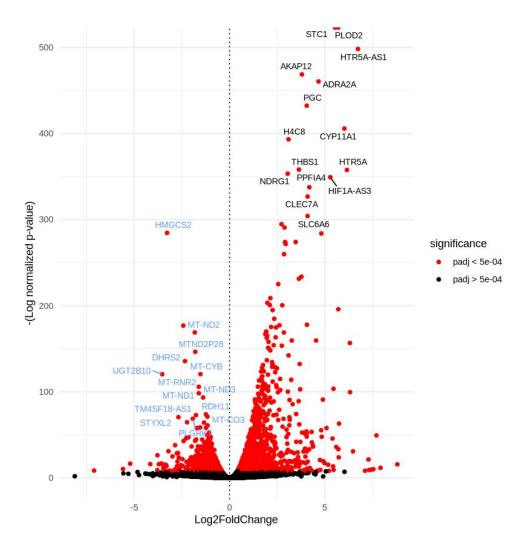
Variable genes



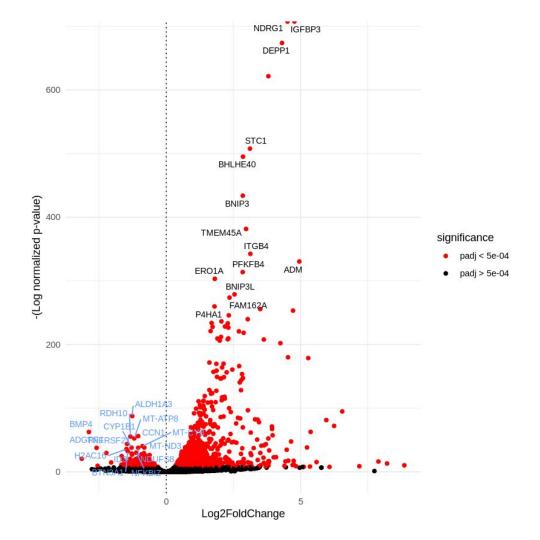
Variable genes



DGE volcano LNCAP

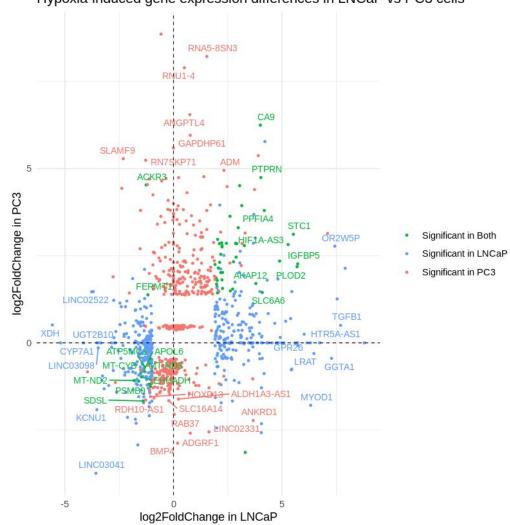


DGE volcano PC3



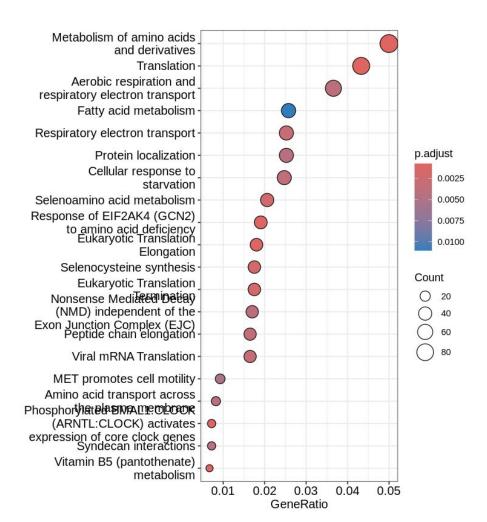
Hypoxia-induced gene expression differences in LNCaP vs PC3 cells

Scatter plot



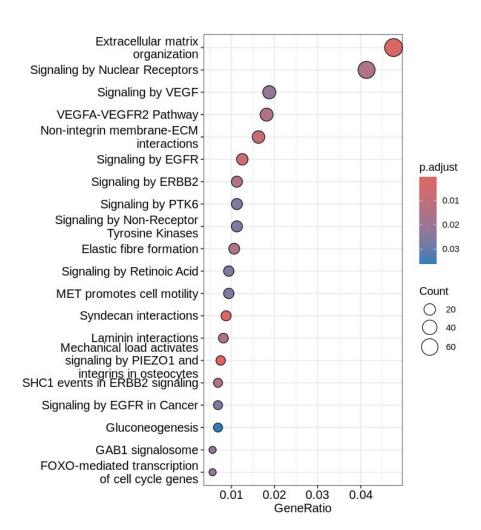
GSEA

For LNCAP



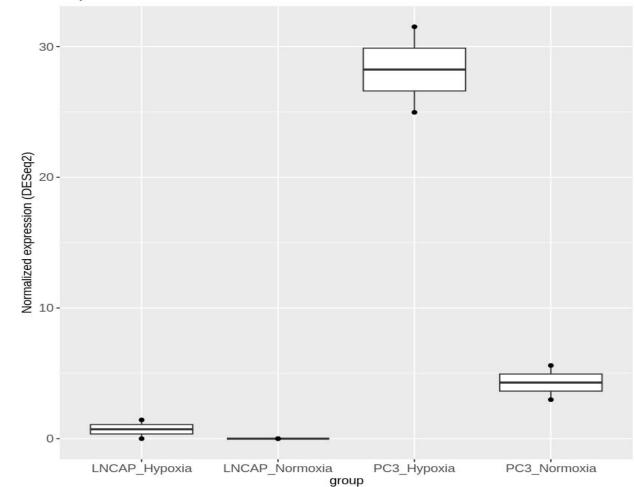
GSEA

For PC3

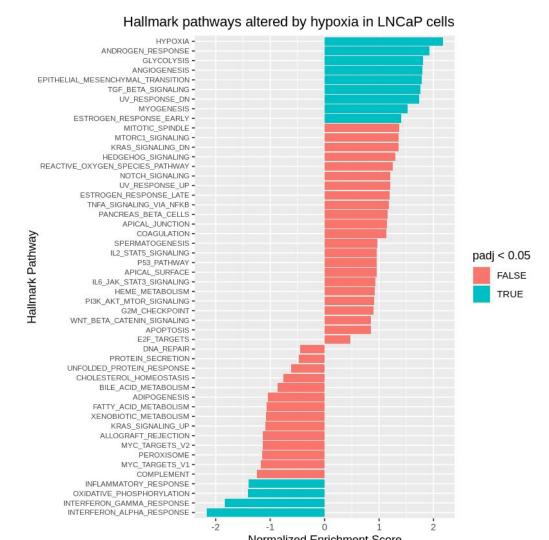


Expression of IGFBP1 - ENSG00000146678

Plot counts



Waterfall plot



Waterfall plot

Hallmark pathways altered by hypoxia in PC3 cells

