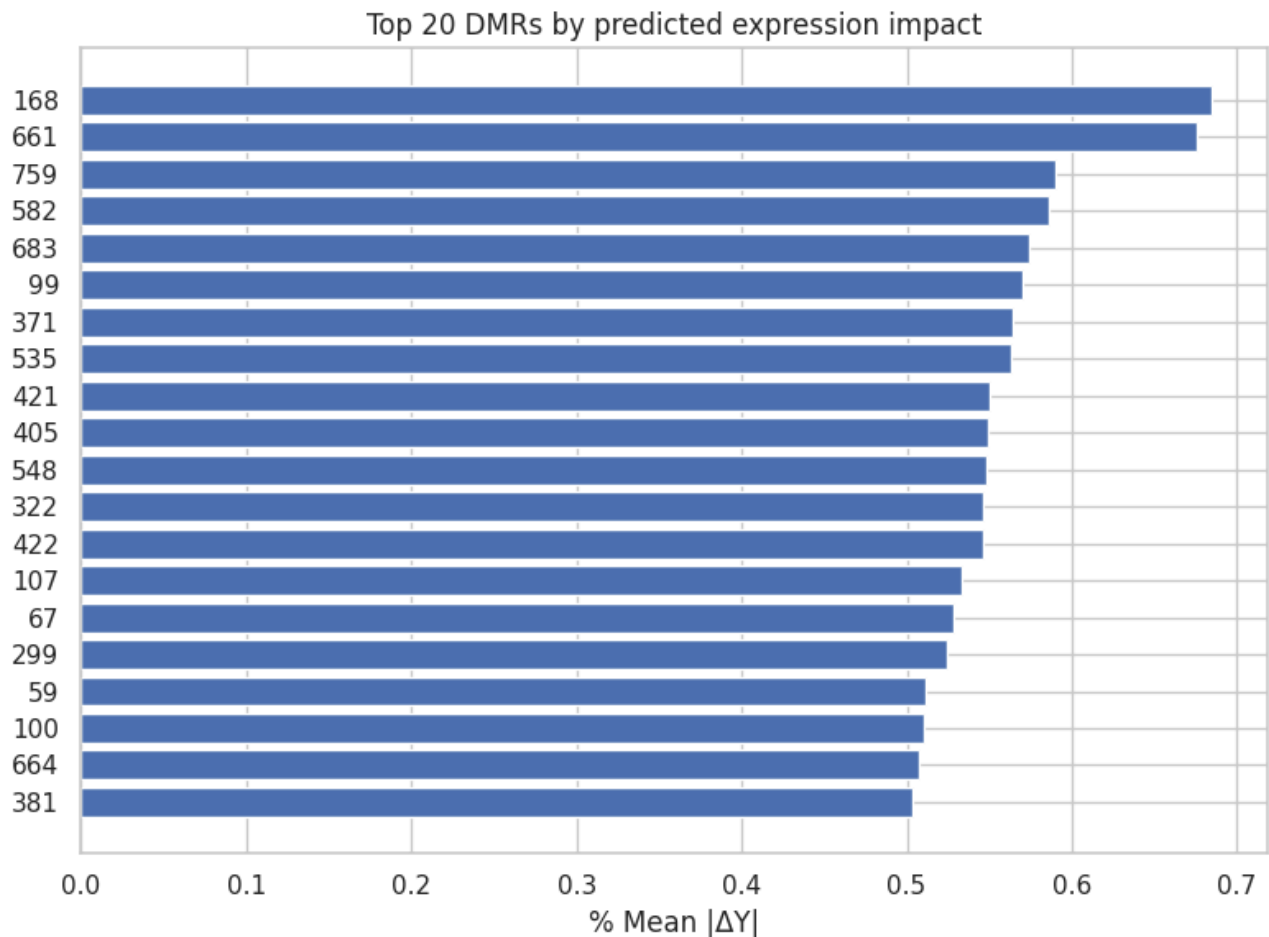


Results

- Bar plot of Differentially Methylated Regions (DMRs) Exhibiting the Highest Reprogramming Effect on Average Gene Expression in Normal and Tumor samples in Lung Adenocarcinoma (LUAD)



- List of Genes with the highest up/down regulation after DMR reprogramming from Tumor to Normal

DMR_ID	DMR_Position	Gene	ΔExpression%
168	chr7: 27,138,396 - 27,138,751	CXCL13*	-1.9
67	chr5:178004012-178004204	KRT16*	-1.4
381	chr12:54423428-54424679	ADCY8**	1.4
168	chr7:27138396-27138751	PITX1*	-1.3
265	chr8:104153592-104153643	MYEOV*	-1.2

*Overexpressed in LUAD

**Underexpressed in LUAD

- Heatmap of Mean Gene Expression Changes for the top DMR Reversals in Tumor samples in LUAD

