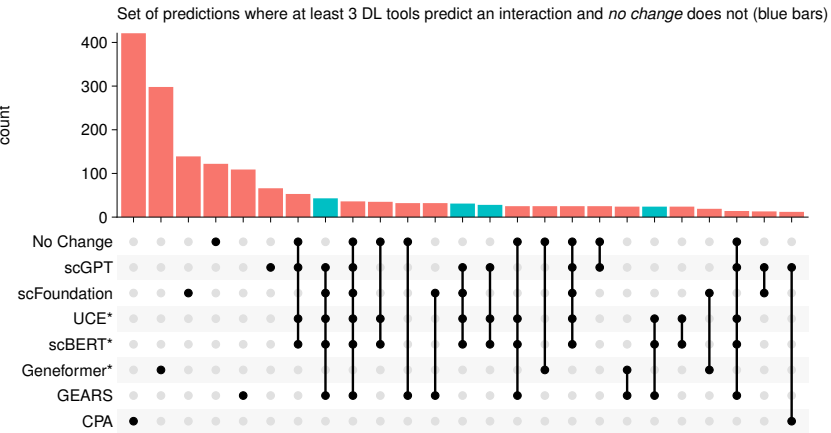


## (A) Overlap of interaction predictions



## (B) Deep Learning interactions not found by *no change*

Gene Name	n	Perturbation	n
HBZ	59	CEBPE+CEBPA	36
HBG2	45	CEBPB+CEBPA	34
GYPB	15	CEBPB+MAPK1	16
SH3BGRL3	13	CEBPE+CEBPB	8
TMSB10	13	JUN+CEBPA	7
GYPB	12	ZC3HAV1+CEBPE	7
HBG1	12	AHR+FEV	6
VIM	8	ETS2+MAPK1	6
CYBA	5	CDKN1C+CDKN1B	5
RANBP1	5	CEBPE+RUNX1T1	5