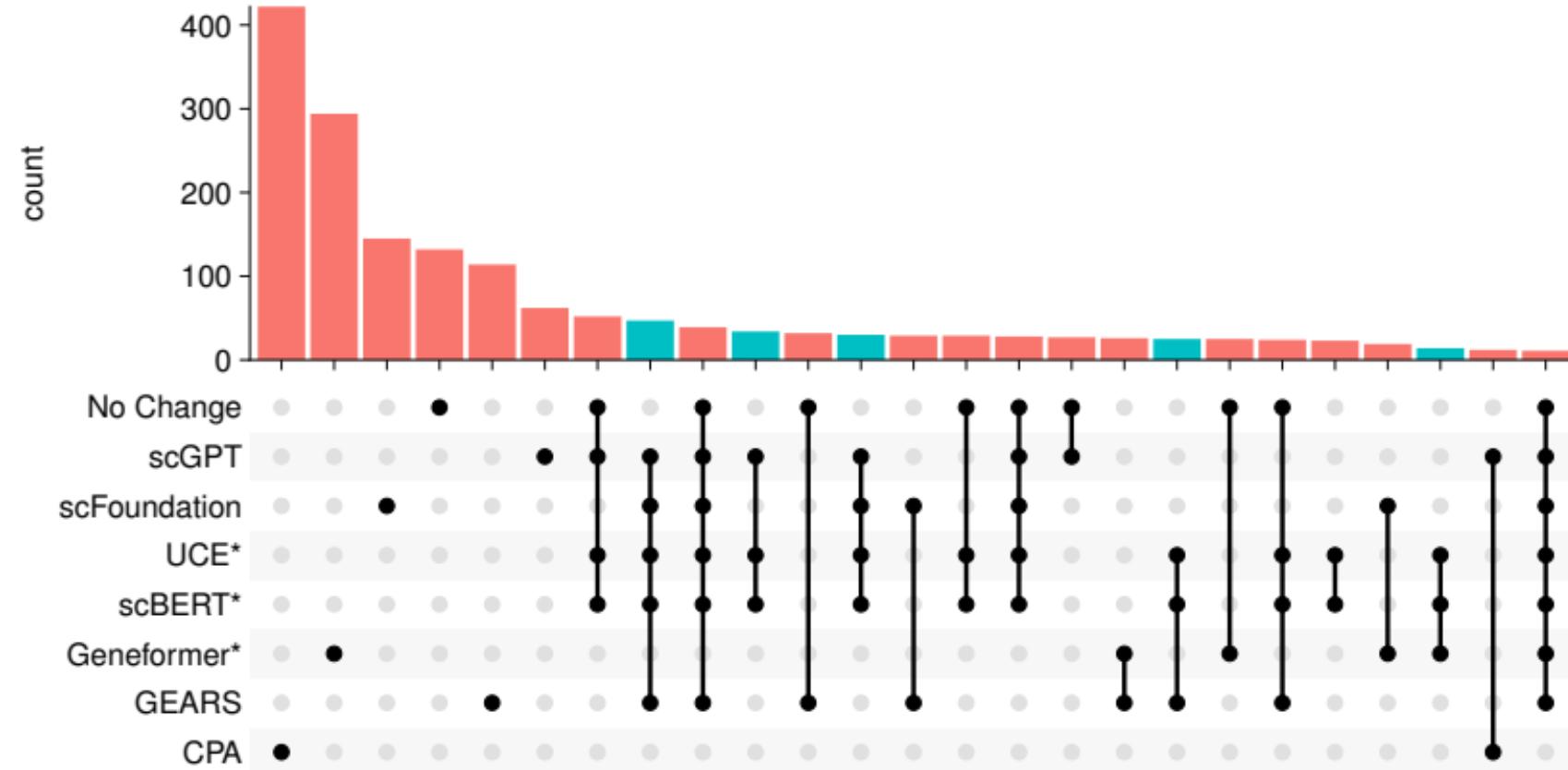


(A) Overlap of non-additive interaction calls

Overlap of non-additive interactions where at least 3 DL tools agree and *no change* does not (blue bars)



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

Gene Name	n	Perturbation	n
HBZ	56	CEBPB+CEBPA	38
HBG2	47	CEBPE+CEBPA	37
GYPB	16	CEBPB+MAPK1	16
HBG1	13	CEBPE+CEBPB	8
SH3BGRL3	13	JUN+CEBPA	8
TMSB10	13	ZC3HAV1+CEBPE	8
GYPA	12	AHR+FEV	7
VIM	10	ETS2+MAPK1	6
CYBA	5	CDKN1C+CDKN1B	5
NME1	5	CEBPE+RUNX1T1	5