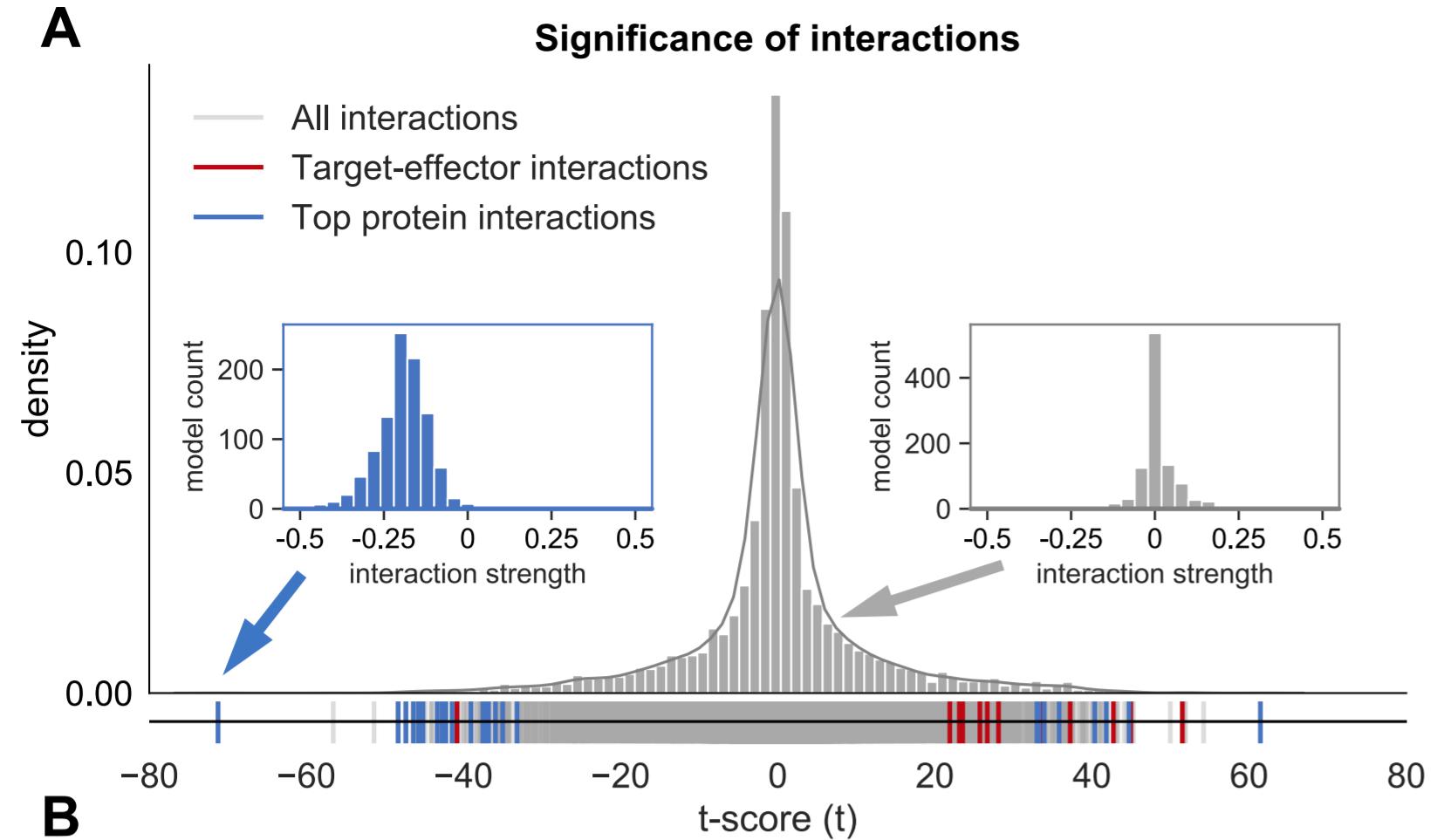
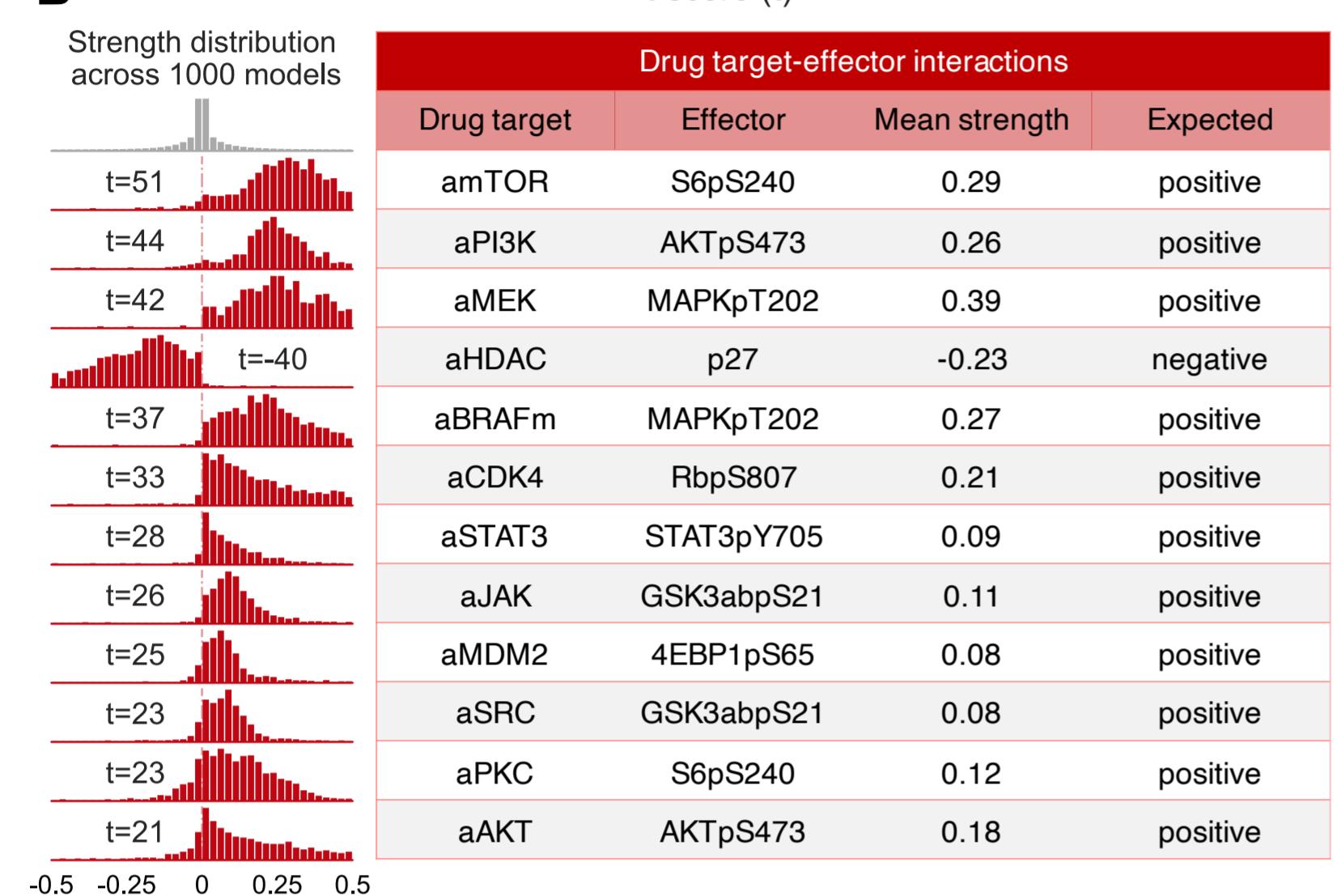


**A****B****C**

Top protein-protein interactions			
Upstream	Downstream	Mean strength	Interaction in PC
S6pS235	STAT5pY694	-0.20	-
S6pS235	PLK1	0.21	-
AKTpS473	AKT	-0.18	self
AKTpS473	IRS1	-0.10	direct
COX2	IGF1R-beta	-0.15	indirect
COX2	STAT3pY705	-0.21	direct
AKTpT308	STAT6pY641	-0.07	direct
4EBP1pS65	4EBP1pT37	0.25	self
4EBP1pS65	EGFRV	-0.10	-
4EBP1pT37	ACCpS79	-0.13	-
AKTpT308	BCL2	-0.11	direct
GSK3abpS21	TSC2pT1462	0.21	direct
S6pS240	Fibronectin	-0.15	-
GSK3abpS21	a-tubulin	0.07	indirect
S6pS240	CyclinE1	-0.07	-
MAPKpT202	p27	-0.20	direct
GSKpS9	EGFRV	-0.07	indirect
4EBP1pT37	ELK1pS383	-0.06	-
YB1pS102	p27	-0.22	-
YB1pS102	c-Myc	0.20	-
MAPKpT202	BIM	-0.18	direct
RbpS807	CyclinD1	0.18	indirect
GSKpS9	4EBP1pT37	0.13	direct
AKT	BIM	-0.08	direct
IRS1	S6pS240	0.15	indirect

Strength distribution across 1000 models

**D**