

**Supplementary Table 1.** Predictive analysis of human cortactin T24 phosphorylating kinases

Kinase	ScanSite	Minimotif Miner	Phospho Motif finder	NetPhosK	GPS	PPSP	KinasePhos
CK2	X	X	X	X	X	X	
CK1			X			X	
GRK					X	X	X
DNA-PK						X	
PKB							X

Protein Sequence: MWKASAGHAVSIAQDDAGADDWETDPDFVNDVSEKEQRWGAKTVQGSG

HQEHINIHKLRENVFQEHQTLKEKELETGPKASHGY