

	Peptide Sequence	Uniprot Accession	Protein Name	FPDock peptide score	position of acetylation	substrates / sec (pep conc. 150 μ M)
Class A	SGK(ac)KGQ	Q92922	SWI/SNF complex subunit SMARCC1	-7.5	345	1.31×10^{-4}
	IHK(ac)DGE	O95831	Apoptosis-inducing factor 1	-7.55	593	3.04×10^{-4}
	DIK(ac)YPL	P00387	NADH-cytochrome b5 reductase 3	-7.6	42	1.57×10^{-3}
	PGK(ac)GVK	Q01094	Transcription factor E2F1	-7.6	117	7.32×10^{-4}
	DDK(ac)YTL	Q15005	Signal peptidase complex subunit 2	-7.6	169	1.33×10^{-4}
	TQK(ac)QEQ	P12270	Nucleoprotein TPR	-7.6	755	2.91×10^{-4}
	VSK(ac)GTL	P16401	Histone H1.5	-7.69	93	1.70×10^{-3}
	SFK(ac)SDQ	Q9UPN9	E3 ubiquitin-protein ligase TRIM33	-7.74	769	2.46×10^{-3}
	ESK(ac)FQQ	P06400	Retinoblastoma-associated protein	-8.79	896	
	VSK(ac)GPF	Q92794	Histone acetyltransferase KAT6A	-9.61	350	4.04×10^{-3}
Class B	FSK(ac)VRT	Q92794	Histone acetyltransferase KAT6A	1791.83	355	
	VGK(ac)SVS	Q92794	Histone acetyltransferase KAT6A	1750.61	815	-3.40×10^{-4}
	DHK(ac)TLY	Q92794	Histone acetyltransferase KAT6A	174.23	604	1.50×10^{-3}
	MIK(ac)HLE	P06400	Retinoblastoma-associated protein	186.35	548	
	FTK(ac)DHL	Q9UPN9	E3 ubiquitin-protein ligase TRIM33	965.1	252	6.31×10^{-4}
	KGK(ac)TAQ	Q9UPN9	E3 ubiquitin-protein ligase TRIM33	2.61	953	6.13×10^{-4}
	GVK(ac)KVA	P16401	Histone H1.5	623.6	168	1.94×10^{-4}
	KPK(ac)AAK	P16401	Histone H1.5	144.88	209	8.19×10^{-4}
	SFK(ac)LNK	P16401	Histone H1.5	16.17	109	1.22×10^{-4}
	IVK(ac)EVE	P12270	Nucleoprotein TPR	1430.13	428	
Class C	NQK(ac)LTA	P12270	Nucleoprotein TPR	974.52	748	-9.79×10^{-5}
	VSK(ac)AVE	P06733	Alpha-enolase	-5.07	64	
	MGK(ac)GVS	P06733	Alpha-enolase	-5.16	60	
	SGK(ac)YDL	P06733	Alpha-enolase	-7.15	256	1.32×10^{-3}
	DSK(ac)NAK	Q92793	CREB Binding Protein	-4.4	1583	1.04×10^{-3}
	KKK(ac)NNK	Q92793	CREB Binding Protein	-5.24	1588	3.32×10^{-4}