

			-11	-9			-2	
			-12	-10		-5	-3	P
			↓	↓	↓	↓	↓	↓
PKA-C α	239	DFGF	AKR	.	V.KG	.RTW	TL	CGTPEYLAPE
PKC α	539	DFGM	CKEHMM	.	DGVTRR	TFCG	TPDYIAPE	
NuaK1	196	DFGLSN	LYQKDK	.	FLQT	FCGSP	LYASPE	
NuaK2	237	DFGLSN	LYHQGK	.	FLQT	FCGSP	LYASPE	
BrsK1	190	DFGMAS	LQVGDS	.	LL	ETSCGSP	HYACPE	
BrsK2	159	DFGMAS	LQVGDS	.	LL	ETSCGSP	HYACPE	
SIK	167	DFGFGN	FYKSGE	.	PL	STWCGSP	PYAAP	
QIK	160	DFGFGN	FYKSGE	.	LL	ATWCGSP	PYAAP	
AtSnRK1- α 1	160	DFGLSN	IMRDGH	.	FL	KTSCGSP	NYAAP	
AtSnRK1- α 2	161	DFGLSN	VMRDGH	.	FL	KTSCGSP	NYAAP	
AMPK- α 1	159	DFGLSN	MMSDGE	.	FL	R	TSCGSPNYAAP	
AMPK- α 2	157	DFGLSN	MMSDGE	.	FL	R	TSCGSPNYAAP	
ScSnf1	195	DFGLSN	IMTDGN	.	FL	KTSCGSP	NYAAP	
QSK	206	DFGF	SNLFTPGQ	.	LL	KT	WCGSPPYAAP	
MELK	150	DFGL	CAKPKGKDYHL	Q	T	CCGSLA	YAAP	
PAR1A	219	DFGF	SNEFTVGG	.	KL	D	TFCGSPPYAAP	
Consensus	243	DFGL	snl		g		fL TsCGSp YAaPE	