



Kinase	Posphopeptide	Mass observed	Theoretical mass
BRSK2 P ₁	IAAFGmASLQVGDSLLET(p)SCGSPHYACPEVIR	3268.7870	3628.6680
BRSK2 P ₂	SLQVGDSLLET(p)SCGSPHYACPEVIR	2951.4530	2951.3472
NUAK2 P ₃	FLQT(p)FCGSPLYASPEIVNGK	2356.1088	2356.1333
MARK4	LDT(p)FCGSPPYAAPELFQ GK	2225.9983	2226.1497
MELK	GNKDYHLQT(p)CCGSLAYAAPELIQCK	2970.4421	2970.3648

Supplementary Figure 1