

Position	Code	Kinase	Peptide	Score	Cutoff
2	S	CK1/VRK/VRK2	*****MSASAPAAE	26.25	5.225
2	S	Other/PLK	*****MSASAPAAE	25.136	10.591
2	S	CK1	*****MSASAPAAE	18.542	7.074
2	S	CAMK/CAMKL/QIK/SIK1	*****MSASAPAAE	12.625	4.074
2	S	STE/STE20/KHS	*****MSASAPAAE	10.5	8.4
2	S	AGC/GRK/GRK/GRK	*****MSASAPAAE	9.5	9.35
2	S	Other/PLK/PLK2	*****MSASAPAAE	8.535	6.617
2	S	CAMK/PHK	*****MSASAPAAE	8.385	3.785
2	S	CMGC/CDK/CDK4	*****MSASAPAAE	7.263	6.215
2	S	CK1/VRK	*****MSASAPAAE	7	0.977
2	S	Other/WEE	*****MSASAPAAE	6.667	5.583
2	S	Other/WEE/Myt1	*****MSASAPAAE	6.667	5.583
2	S	Other/WEE/Myt1/PKMYT1	*****MSASAPAAE	6.667	5.583
2	S	TKL/STKR/STKR1/TGFbR1	*****MSASAPAAE	6.333	5.333
2	S	AGC/GRK/BARK/BARK1	*****MSASAPAAE	6.143	5.269
2	S	TKL/STKR	*****MSASAPAAE	6.125	5.609
2	S	TKL/STKR/STKR1/BMPR1B	*****MSASAPAAE	6	5.158
2	S	AGC/RSK/MSK	*****MSASAPAAE	5.778	4.025
2	S	Other/ULK/ULK/ULK3	*****MSASAPAAE	5.75	3.15
2	S	CMGC/CDK/CDK4/CDK4	*****MSASAPAAE	4.941	4.74
2	S	CMGC/MAPK/p38/MAPK13	*****MSASAPAAE	4.824	4.706
2	S	TKL/MLK/MLK/MLK1	*****MSASAPAAE	4.667	2.6
2	S	CAMK/CAMK1/CAMK4	*****MSASAPAAE	3.875	2.206
2	S	TKL/MLK/MLK	*****MSASAPAAE	3.545	1.5
2	S	AGC/RSK/RSKp70/RPS6KB1	*****MSASAPAAE	3.4	2.548
2	S	AGC/RSK/RSKp90/RPS6KA1	*****MSASAPAAE	3.188	2.462
2	S	STE/STE20/PAKA/PAK2	*****MSASAPAAE	2.906	2.05
2	S	CAMK/PIM/PIM3	*****MSASAPAAE	2.5	2.11
2	S	CAMK/PKD/PRKD1	*****MSASAPAAE	2.269	1.5
2	S	AGC/PDK1/PDPK1	*****MSASAPAAE	1.796	1.51
2	S	AGC/PKC	*****MSASAPAAE	1.464	1.416

Position	Code	Kinase	Peptide	Score	Cutoff
4	S	CK1/VRK/VRK2	****MSASAPAAEGE	22.75	5.225
4	S	Other/PLK	****MSASAPAAEGE	18.117	10.591
4	S	Other/CDC7	****MSASAPAAEGE	15.333	11.933
4	S	Other/CDC7/CDC7	****MSASAPAAEGE	15.333	11.933
4	S	Other/PLK/PLK2	****MSASAPAAEGE	12.419	6.617
4	S	CAMK/CAMKL/AMPK/AMPKA2	****MSASAPAAEGE	12.25	9.162
4	S	CAMK/CAMKL/QIK/SIK1	****MSASAPAAEGE	11.688	4.074
4	S	CAMK/RAD53/DUN1	****MSASAPAAEGE	11	7.333
4	S	CAMK/CAMKL/AMPK/AMPKA1	****MSASAPAAEGE	10.75	7.125
4	S	CAMK/MAPKAPK	****MSASAPAAEGE	9.948	8.972
4	S	CK1/CK1/CK1-D/CK1e	****MSASAPAAEGE	9.706	6.526
4	S	CK1	****MSASAPAAEGE	8.312	7.074
4	S	CAMK/PHK	****MSASAPAAEGE	7.115	3.785
4	S	Other/PLK/PLK2/PLK2	****MSASAPAAEGE	6.72	6.272
4	S	Atypical/Alpha/ChaK/TRPM7	****MSASAPAAEGE	6.714	6.629
4	S	CK1/CK1	****MSASAPAAEGE	6.154	3.998
4	S	TKL/RAF	****MSASAPAAEGE	6	2.289
4	S	STE/STE20/KHS/HPK1	****MSASAPAAEGE	6	5.683
4	S	Other/ULK/ULK/ULK3	****MSASAPAAEGE	5.75	3.15
4	S	CK1/VRK	****MSASAPAAEGE	5.5	0.977
4	S	CAMK/CAMK1/CAMK4	****MSASAPAAEGE	5.417	2.206
4	S	CMGC/CDK/CDK4/CDK4	****MSASAPAAEGE	5.235	4.74
4	S	AGC/RSK/MSK	****MSASAPAAEGE	5.185	4.025
4	S	TKL/RAF/RAF	****MSASAPAAEGE	4.8	3.682
4	S	AGC/PKC/PKCd/PRKCQ	****MSASAPAAEGE	4.318	3.963
4	S	AGC/RSK/RSKp70/RPS6KB1	****MSASAPAAEGE	3.8	2.548
4	S	CAMK/PKD	****MSASAPAAEGE	3.773	3.191
4	S	CK1/VRK/VRK1	****MSASAPAAEGE	3.4	3.159
4	S	TKL/RAF/RAF/RAF1	****MSASAPAAEGE	2.778	2.47
4	S	CAMK/CAMKL/AMPK	****MSASAPAAEGE	2.389	1.777
4	S	CAMK/PKD/PRKD1	****MSASAPAAEGE	1.962	1.5
4	S	AGC/PDK1/PDPK1	****MSASAPAAEGE	1.776	1.51

Position	Code	Kinase	Peptide	Score	Cutoff
13	T	CMGC/MAPK/JNK/JNK2	PAAEGEGTPTQPASE	33	31.509
13	T	AGC/GRK/GRK/GRK	PAAEGEGTPTQPASE	23.722	9.35
13	T	CMGC/CDK/CDC2/CDK1	PAAEGEGTPTQPASE	20.097	8.98
13	T	CMGC/CDK/CDK5/CDK5	PAAEGEGTPTQPASE	19.235	15.952
13	T	CMGC/CDK/CDK5	PAAEGEGTPTQPASE	19.101	12.789
13	T	CK1/VRK/VRK2	PAAEGEGTPTQPASE	16.25	5.225
13	T	CMGC/MAPK/p38	PAAEGEGTPTQPASE	15.393	7.633
13	T	CMGC/CDK/CDK4	PAAEGEGTPTQPASE	15.105	6.215
13	T	CMGC/MAPK/ERK/Erk2	PAAEGEGTPTQPASE	14.819	10.451
13	T	Atypical/PIKK/FRAP	PAAEGEGTPTQPASE	14.722	11.395
13	T	Other/PLK	PAAEGEGTPTQPASE	14.37	10.591
13	T	CMGC/DYRK/DYRK1/DYRK1B	PAAEGEGTPTQPASE	12.167	7.575
13	T	Other/Other-Unique/KIS	PAAEGEGTPTQPASE	10.5	7.667
13	T	CMGC/DYRK	PAAEGEGTPTQPASE	10.431	6.791
13	T	CMGC/CDK/CDC2	PAAEGEGTPTQPASE	10.205	8.778
13	T	CMGC/MAPK	PAAEGEGTPTQPASE	10.158	9.723
13	T	CMGC/MAPK/ERK/Erk5	PAAEGEGTPTQPASE	9.294	7.382
13	T	CMGC/CDK/CCRK/CDK20	PAAEGEGTPTQPASE	9	8.506
13	T	CMGC/CDK/CDK4/CDK6	PAAEGEGTPTQPASE	8.667	6.758
13	T	CMGC/MAPK/p38/MAPK11	PAAEGEGTPTQPASE	8.222	8.192
13	T	CK1/TTBK	PAAEGEGTPTQPASE	8.2	6.136
13	T	Other/IKK	PAAEGEGTPTQPASE	7.418	6.349
13	T	CMGC/CDK/CCRK	PAAEGEGTPTQPASE	7.125	7.094
13	T	CMGC/MAPK/p38/MAPK13	PAAEGEGTPTQPASE	7.118	4.706
13	T	CMGC/DYRK/DYRK1/DYRK1A	PAAEGEGTPTQPASE	6.182	6.152
13	T	CMGC/GSK/GSK3A	PAAEGEGTPTQPASE	6	4.488
13	T	CMGC/DYRK/DYRK1	PAAEGEGTPTQPASE	5.889	4.562
13	T	Atypical/PIKK/FRAP/MTOR	PAAEGEGTPTQPASE	5.552	4.258
13	T	CMGC/MAPK/p38/MAPK14	PAAEGEGTPTQPASE	5.169	3.342
13	T	AGC/GRK/GRK	PAAEGEGTPTQPASE	4.988	3.858
13	T	AGC/PDK1	PAAEGEGTPTQPASE	4.944	2.39
13	T	CMGC/MAPK/JNK/JNK1	PAAEGEGTPTQPASE	4.712	3.02
13	T	AGC/PDK1/PDPK1	PAAEGEGTPTQPASE	4.673	1.51
13	T	AGC/DMPK/GEK/MRCKa	PAAEGEGTPTQPASE	4.4	4.22
13	T	CMGC/DYRK/HIPK	PAAEGEGTPTQPASE	4.303	2.013
13	T	CK1/CK1	PAAEGEGTPTQPASE	4.215	3.998
13	T	AGC/GRK/GRK/GPRK5	PAAEGEGTPTQPASE	4	3.442
13	T	CMGC	PAAEGEGTPTQPASE	3.793	2.953
13	T	CMGC/CDK/CDK2/CDK3	PAAEGEGTPTQPASE	3.6	3.34
13	T	CMGC/MAPK/ERK	PAAEGEGTPTQPASE	3.567	2.734
13	T	CMGC/GSK	PAAEGEGTPTQPASE	3.183	1.884
13	T	CMGC/DYRK/HIPK/HIPK2	PAAEGEGTPTQPASE	2.793	1.841
13	T	CK1/VRK	PAAEGEGTPTQPASE	1.3	0.977

Position	Code	Kinase	Peptide	Score	Cutoff
342	T	STE/STE20/MST/MST1	SANLEEVTMKQICKK	21.29	9.234
342	T	CK1	SANLEEVTMKQICKK	8.854	7.074
342	T	AGC/PKC/PKCh/PRKCH	SANLEEVTMKQICKK	5.9	3.79
342	T	CK1/VRK/VRK2	SANLEEVTMKQICKK	5.25	5.225
342	T	STE/STE7/MEK3	SANLEEVTMKQICKK	2.538	2.053
342	T	CAMK/DAPK	SANLEEVTMKQICKK	2.317	1.753