

Table S1. Peptide SPOT array peptide sequences

Peptide position	Peptide sequence	Notes
A 1	MICYRKKRKGKLTLE	acetylated
A 2	ICYRKKRKGKLTLED	acetylated
A 3	CYRKKRKGKLTLEDQ	acetylated
A 4	YRKKRKGKLTLEDQA	acetylated
A 5	RKKRKGKLTLEDQAT	acetylated
A 6	KKRKGKLTLEDQATF	acetylated
A 7	KRKGKLTLEDQATFI	acetylated
A 8	RKGKLTLEDQATFIK	acetylated
A 9	KGKLTLEDQATFIKK	acetylated
A10	GKLTLEDQATFIKKG	acetylated
A11	KLTLLEDQATFIKKGV	acetylated
A12	LTLEDQATFIKKGVP	acetylated
A13	TLEDQATFIKKGVPI	acetylated
A14	LEDQATFIKKGVPPI	acetylated
A15	EDQATFIKKGVPPIF	acetylated
A16	DQATFIKKGVPPIIFA	acetylated
A17	QATFIKKGVPPIIFAD	acetylated
A18	ATFIKKGVPPIIFADE	acetylated
A19	TFIKKGVPPIIFADEL	acetylated
A20	FIKKGVPPIIFADELD	acetylated
A21	IKKGVPPIIFADELDD	acetylated
A22	KKGVPPIIFADELDDS	acetylated
A23	KGVPPIIFADELDDSK	acetylated
A24	GVPIIFADELDDSKP	acetylated
B 1	VPIIFADELDDSKPP	acetylated
B 2	PIIFADELDDSKPPP	acetylated
B 3	IIFADELDDSKPPPS	acetylated
B 4	IFADELDDSKPPSSS	acetylated
B 5	FADELDDSKPPSSSS	acetylated
B 6	ADELDDSKPPSSSSM	acetylated
B 7	DELDDSKPPSSSSMP	acetylated
B 8	ELDDSKPPSSSSMPL	acetylated
B 9	LDDSKPPSSSSMPLI	acetylated
B10	DDSKPPSSSSMPLIL	acetylated
B11	DSKPPSSSSMPLILQ	acetylated
B12	SKPPSSSSMPLILQE	acetylated
B13	KPPSSSSMPLILQEE	acetylated
B14	PPSSSSMPLILQEEK	acetylated
B15	PPSSMPLILQEEKA	acetylated
B16	PSSMPLILQEEKAP	acetylated
B17	SSMPLILQEEKAPL	acetylated
B18	SSMPLILQEEKAPLP	acetylated
B19	SMPILILQEEKAPLPP	acetylated
B20	MPLILQEEKAPLPPP	acetylated
B21	PLILQEEKAPLPPPE	acetylated
B22	LILQEEKAPLPPPEY	acetylated
B23	ILQEEKAPLPPPEYP	acetylated
B24	LQEEKAPLPPPEYPN	acetylated
C 1	QEEKAPLPPPEYPNQ	acetylated
C 2	EKAPLPPPEYPNQS	acetylated
C 3	EKAPLPPPEYPNQSV	acetylated
C 4	KAPLPPPEYPNQSVP	acetylated
C 5	APLPPPEYPNQSVPE	acetylated

C 6	PLPPPEYPNQSVPET	acetylated
C 7	LPPPEYPNQSVPETT	acetylated
C 8	PPPEYPNQSVPETTP	acetylated
C 9	PPEYPNQSVPETTPL	acetylated
C10	PEYPNQSVPETTPLN	acetylated
C11	EYPNQSVPETTPLNQ	acetylated
C12	YPNQSVPETTPLNQD	acetylated
C13	PNQSVPETTPLNQDT	acetylated
C14	NQSVPETTPLNQDTM	acetylated
C15	QSVPETTPLNQDTMG	acetylated
C16	SVPETTPLNQDTMGE	acetylated
C17	VPETTPLNQDTMGEY	acetylated
C18	PETTPLNQDTMGEYT	acetylated
C19	ETTPLNQDTMGEYTP	acetylated
C20	TTPLNQDTMGEYTPL	acetylated
C21	TPLNQDTMGEYTPLR	acetylated
C22	PLNQDTMGEYTPLRD	acetylated
C23	LNQDTMGEYTPLRDE	acetylated
C24	NQDTMGEYTPLRDED	acetylated
D 1	QDTMGEYTPLRDEDP	acetylated
D 2	DTMGEYTPLRDEDPN	acetylated
D 3	TMGEYTPLRDEDPNA	acetylated
D 4	MGEYTPLRDEDPNAP	acetylated
D 5	GEYTPLRDEDPNAPP	acetylated
D 6	EYTPLRDEDPNAPPY	acetylated
D 7	YTPLRDEDPNAPPYQ	acetylated
D 8	TPLRDEDPNAPPYQP	acetylated
D 9	PLRDEDPNAPPYQPP	acetylated
D10	LRDEDPNAPPYQPPP	acetylated
D11	RDEDPNAPPYQPPPP	acetylated
D12	DEDPNAPPYQPPPPF	acetylated
D13	EDPNAPPYQPPPPFT	acetylated
D14	DPNAPPYQPPPPFTV	acetylated
D15	PNAPPYQPPPPFTVP	acetylated
D16	NAPPYQPPPPFTVPM	acetylated
D17	APPYQPPPPFTVPM	acetylated
D18	PPYQPPPPFTVPMEG	acetylated
D19	PYQPPPPFTVPMEGK	acetylated
D20	YQPPPPFTVPMEGKG	acetylated
D21	QPPPPFTVPMEGKGS	acetylated
D22	PPPPFTVPMEGKGSR	acetylated
D23	PPPFTVPMEGKGSRP	acetylated
D24	PPFTVPMEGKGSRPK	acetylated
E 1	PFTVPMEGKGSRPKN	acetylated
E 2	FTVPMEGKGSRPKNM	acetylated
E 3	TVPMEGKGSRPKNMT	acetylated
E 4	VPMEGKGSRPKNMTP	acetylated
E 5	PMEGKGSRPKNMTPY	acetylated
E 6	MEGKGSRPKNMTPYR	acetylated
E 7	EGKGSRPKNMTPYRS	acetylated
E 8	GKGSRPKNMTPYRSP	acetylated
E 9	KGSRPKNMTPYRSPP	acetylated
E10	GSRPKNMTPYRSPPP	acetylated
E11	SRPNMTPYRSPPPY	acetylated
E12	RPNMTPYRSPPPYV	acetylated
E13	PKNMTPYRSPPPYVP	acetylated

E14	KNMTPYRSPPPYVPP	acetylated
E15	KNMTPYRSPPPpYVPP	pY = phospho Tyrosine
E16	Bio-AEEQKLISEEDLLR	Biotinylated control peptide
E17	HAc	Acetylated only
E18-E24	Blank	Blank no peptides