Table S1. Amino acid sequence of MK-rich domain

M12K (**N_{423} – N_{484}**):

NSTSMMM**KK**D**K**MTMPM**KK**EMTSS**K**INTGMMMSNN**K**MSANMQMSSQA**K**SND**K**AG**KK**MSMMS**K**N

Mut1 (**Lys430 Lys 431 Lys 433 Lys 439** and **Lys 440** replaced with **alanine**):

NSTSMMM**AA**D**A**MTMPM**AA**EMTSSKINTGMMMSNNKMSANMQMSSQAKSNDKAGKKMSMMSKN

Mut2 (**Lys446** and **Lys457** replaced with **alanine**):

NSTSMMMKKDKMTMPMKKEMTSS**A**INTGMMMSNN**A**MSANMQMSSQAKSNDKAGKKMSMMSKN

Mut3 (**Lys469 Lys 473 Lys 476 Lys 477** and **Lys 483** replaced with **alanine**):

NSTSMMMKKDKMTMPMKKEMTSSKINTGMMMSNNKMSANMQMSSQA**A**SND**A**AG**AA**MSMMS**A**N

Mut4 (**Lys430 Lys 431 Lys 433 Lys 439 Lys 440 Lys446 Lys457 Lys469 Lys 473 Lys 476 Lys 477** and **Lys483** replaced with **alanine**):

NSTSMMM**AA**D**A**MTMPM**AA**EMTSS**A**INTGMMMSNN**A**MSANMQMSSQA**A**SND**A**AG**AA**MSMMS**A**N

***** Lysine residues in the M12K fragment and mutated Lysine residues in the Mut 1-4 fragments are indicated in underlined bold.