

Table SI. List of the 57 peptides without precursor proteins.

Peptide sequences

LGSAEAAGPGAGAEGSWPPPSGAPD
GSGGGSGGRYGS
DGEAGAQQPPGP
EKGDQGAQQPPGP
GKDGEAGAQQPPGP
NLGPASGHGTPASS
GPPPRS GGPPP
DRVYIHP
DKIEDVPAPSTS
SPGERGETGPPGP
DGLPGDMGPPGTP
RETGETSPAQVNKAEHSSSSP
EDAAEIRLVSKDG
KSPENTEGKDGSKVTK
DALQELR
DGIPGAQGIM
GRAEAASWGDRGNDKGGLGNPD
HAAGAPPPPPPGH
KSKGASTP
MADPEELQVSSPPPPPP
ERANEAGGQVGPEAP
NGKQREFESR
NGPLGPSEASIASNLQAMSTQM
AAPAAGSAPAAAEEKKDE
HTKKDYEEIGP
DEREDITHTY
DNNVLVMDLLGP
GMGWGPPPPPPP
PGMGWGPPPPPPP
SHDRDSPPPPPPPP
NSFRSLTWPPSGSPSHAGT
ENGASVILR
ENTEDWRP
PMGPGMNP GPP
PMGPGPNMGPP
QSENSVPPPPPPP
METEQPEETFPNT
AEFSGEC SNLADRG
GKNGPMGPPGMPGVP
MEVKPPP
METEQPEETFPNT
RCRKRNP PPP
GLPPQQPPPPPP
PAPVPQQPPPPPP
PFPTVATTPPPP
PGLPPQQPPPPPP
PPGPPQQLPPPP
PSVIHSPPPPPPP
STSLRQAAPPPP
SVIHSPPPPPPP
EGPGAEGPR
EEAPSLRP
HQAAPPPPPPPPPP
PHQAAPPPPPPPPPP
SNEVETSATNGQPQQ
EDEGPAEPPPPP
VEQIAAIAQELNELDYD SHNVNTR

Table SII. Sequence information of the six peptides.

Peptide sequences	UniProt accession	Protein name	P-value
SESSSKSSQPLA	P17096	HMGA1	5.74526×10^{-5}
EPEDEEEEEEEEEDEDEDLEELEVLER	Q9NQC3	RTN4	1.78342×10^{-4}
SLMPLPDGNGLEDGNVRH	Q9ULZ1	APEL	1.74441×10^{-3}
KPTTEEKKPAA	P36578	RL4	2.99364×10^{-3}
LLQDSVDFSLADAINTEFK	P08670	VIME	3.68230×10^{-3}
DDVVGETVGKTD	P27816	MAP4	7.81321×10^{-3}

HMGA1, High mobility group protein HMG-I/HMG-Y; RTN4, Reticulon-4; APEL, Apelin; RL4, 60S ribosomal protein L4; VIME, Vimentin; MAP4, Microtubule-associated protein 4.