

Supplementary Table S6. Information on peptides used in this study.

All peptides were designed in-house and purchased from the listed manufacturer.

Peptide Name	Peptide Sequence (N-term > C-term)	Purity	Conjugates	Manufacturer	Applications
SEP1	GGGSGGIRKLPF _{SR} [SEP]AAEAF	≥ 90%	none or biotin	Biopeptek Pharmaceuticals (Malvern, PA)	phage display screening and ELISA validations
SEP2	GGGSGGIRKLPF _{SRL} [SEP]AEAF	≥ 90%	none or biotin	Biopeptek Pharmaceuticals (Malvern, PA)	phage display screening and ELISA validations
SEP3	GGGSGGLPF _{SR} [SEP]AAEAFVHLF	≥ 90%	none or biotin	Biopeptek Pharmaceuticals (Malvern, PA)	phage display screening and ELISA validations
SEP4	GGGSGGLPF _{SRL} [SEP]AEAFVHLF	≥ 90%	none or biotin	Biopeptek Pharmaceuticals (Malvern, PA)	phage display screening and ELISA validations
SEP5	GGGSGGLPF _S [SEP]LAAEAFVHLF	≥ 90%	none or biotin	Biopeptek Pharmaceuticals (Malvern, PA)	phage display screening and ELISA validations
NAT1	GGGSGGIRKLPF _{SRLAAEAF}	≥ 90%	none or biotin	Biopeptek Pharmaceuticals (Malvern, PA)	phage display screening and ELISA validations
NAT2	GGGSGGLPF _{SRLAAEAFVHLF}	≥ 90%	none or biotin	Biopeptek Pharmaceuticals (Malvern, PA)	phage display screening and ELISA validations
NAT3	GGGSGGIRKLPF _{SRLAAEAFVHLF}	≥ 90%	none or biotin	Biopeptek Pharmaceuticals (Malvern, PA)	phage display screening and ELISA validations
NAT4	GGGSGGIRKLPF _{SRLAAEAFVHLFEDA}	≥ 90%	none or biotin	Biopeptek Pharmaceuticals (Malvern, PA)	phage display screening and ELISA validations
Exon2	QKSTHLLIRKLPF _{SRLAREI}	≥ 90%	none or biotin	Biopeptek Pharmaceuticals (Malvern, PA)	phage display screening and ELISA validations
Exon4	ALLALQEAAEAFVHLFEDA	≥ 90%	none or biotin	Biopeptek Pharmaceuticals (Malvern, PA)	phage display screening and ELISA validations
SEP6	LPF _{SR} [SEP]AAEAFVHL	≥ 90%	none, carrier proteins, or biotin	LifeTein (Hillsborough, NJ)	rabbit immunizations and ELISA validations
SEP7	LPF _{SRLAA} [SEP]AFVHL	≥ 90%	none, carrier proteins, or biotin	LifeTein (Hillsborough, NJ)	rabbit immunizations and ELISA validations
NAT5	LPF _{SRLAAEAFVHL}	≥ 90%	none, carrier proteins, or biotin	LifeTein (Hillsborough, NJ)	rabbit immunizations and ELISA validations
NAT6	IRKLPF _{SRLAAEAFVHLFED}	≥ 90%	none, carrier proteins, or biotin	LifeTein (Hillsborough, NJ)	rabbit immunizations and ELISA validations