

Tryptic peptides detected by GeLC-MS/MS (bold face in sequence)

ScVl1cap

1 MLRFVTKNSQ DKSSDLFSIC SDR**GTFVAHN RVRTDFKFDN LVFNRVYGV**S
51 QKF~~TLVGNPT~~ VCFNEGSSYL EGI**AKKYLTL DGGLAIDNVL NELRSTCGIP**
101 GNAVASHAYN ITS**WRWYDNH VALLMNMLRA YHLQVLTEQG QYSAGDIPMY**
151 **HDGHVKIKLP VTIDDTAGPT QFAWPSDRST** DSYPDWAQFS ESFPSIDV**PY**
201 LDVRPLTVTE VNFVLMMSK WH**RRTNLAID YEAPQLADKF AYRHALTVQD**
251 **ADEWIEGDRT DDQFRPPSSK VMLSALRKYV** NRNRLYNQFY TAAQLLAQIM
301 MKPVPNCAEG YAWLMDALV NIPKFGSIRG RYPFLLSGDA ALIQATALED
351 WSAIMAKPEL VFTYAMQVSV ALNTGLYLRR VKKTGF**GTTI DDSYEDGAF**L
401 QPETF**VQAAL ACCTGQDAPL** NGMSDVVYTY PDLLEF**DAVT QVPITVIEPA**
451 GYNIVDDHLV VVGVPVACSP YMIFPVA**AFD TANPYCGNFV IKAANKYL**RK
501 **GAVYDKLEAW KLA**WALRVAG YDTHFKVHGD THGLTKFYAD**** NSDTWTHIPE
551 FVTGDGDM**EV FVTAIERRAR HFVELPRLNS PAFFRSVEVS TTIYDTHVQA**
601 **GAHSVYHARR INLDYVKPVS TGIQVINAGE** LKNYWGSVRR **TQOGLGVVGL**
651 TMPAVMPTGE PTAGAAHEEL IEQADNVLVE

Previous mass spec of ScVl1 was also missing internal tryptic peptides between 250 and 500. The situation is similar for DhVcpl (see below).

DhVcplhis tagged

1 MLKFVNELNS KRKNCLYHSQ QVDGTVRAMS RIRVDFKYNG LKFS**RTLTAS**
51 **QDYTWGKAL** VCMSEAASSL DGLNKK**YLTL DGAISTENVF QELKNLAGLQ**
101 SNIIAEHTHN VAGWR**WYDNH VALLVNLLRF YILSDLDERS** KLSTGKFPVY
151 DDGHIIDLN DTLLEDKAV DWTWPGRRVD ESYPYWNPMT EFLPVTDDPH
201 IDLRPLTEEE AKVVLMMTGE WKPQTNYKLD FYTPRLAEKI MYR**YRNPIS**S
251 **LNEWLDAEGT APTYL**PKSR**** VIWSALRKYV THNNLYNQFY TATNIVAQVM
301 LTVYPD**TAE**G MTWLTHVPEV HLPKFGSVRG RYPFLNSGEA AF**IQAKALE**D
351 WAALIAKPEL LFTYGMMLAS TLNIGLAVRD AKASLLIGED KSSFDDTLFL
401 TPETFFASAV SLATGLDAPL NGMGDVYVY PELVNIN**ETW EVPAVILEPN**
451 GYLIKDNHIL STGIPFVGSP YLVYSLAVFD EANPYSGNFV LPEPLR**RTRK**
501 GAIYSFVDAW KMGWAARIAG YDLSINVFSS NVNYTKYFSP N**NSWSHVLT**
551 NGIDDKVEGV LIKDM**TRRSR HFVDLPNFFV PGNH**PVTEVK VNVLGTSVLD****
601 **AAGKNRAAG** TAN**EWTPSS** LGLQIVSKED VRRFWGHIK**R HKSGLAMEGL**
651 TMSVNVPAIE GNRGVEVMKG ELRG**H**PFEGK PIPNPLLGLD STRTGH****HHHH
701 H