

SREBHsap85	-----MANYSHAADNILQNLSP	17
SREBHsap173	-----MANTTGEPEEVSGALSP	17
SREBHsap27	-----MANASEPGGSGGG	13
SREBArub	MSHIITTRIRPPPARLSFAPTGMSELSTAMSTLLDLGFTNGSTGLNSSAGDSISVTARTVLHAGVRPGEEGGGDADLLAD	80
SREBOvul	-----MHTEVYTHASYSYYSE	16
SREBHsap85	--LTAFLKLTSLGFIIGVSVVGNLLISILLVKDKTLHRAPIYFLDLCCSDILRSAICFPFVFNSSVKNGSTWT---YGTL	92
SREBHsap173	PSASAYVKLVLLGLIMCVSLAGNAILSLLVLKERALHKAPYYFLDLCLADGIRSAVCFPFVLASVRHGSSWT---FSAL	94
SREBHsap27	EAAALGKLKATLSLLLCVSLAGNVLFALLIVRERSLHRAPIYLLDLCLADGLRALACLPVMLAARRAAAAAGAPPGAL	93
SREBArub	DHGPRVLWCASLIVVIILSVVGNLILALVFGNSRLRRPSYFFLFNCALADFVRSLLCFPFVVSASVSRDWIY----SNS	156
SREBOvul	PQYVLALKIISLALIIFTGILGNSMVVYTIIRDKRLHRRPFYIYLVSLAMSDLARSVFCLPFVLTTVIQGYVWVY---GEN	93
SREBHsap85	TCKVIAFLGVLSCFHTAFMLFCISVTRYLAIAHHRFYTKRLTFWTCLA-VICMVWTL SVAMAFPPVLDVGTYSFIREEDQ	171
SREBHsap173	SCKIVAFMAVLFCFHAAFMLFCISVTRYMAIAHHRFYAKRMTLWTCAA-VICMAWTL SVAMAFPPVFDVGTYSKFIREEDQ	173
SREBHsap27	GCKLLAFLAALFCFHAAFLLLGVGVTRYLAIAHHRFYAERLAGWPCAAMLVCAAWALALAAAFPPVLDGGGD---DEDAP	170
SREBArub	LCEILAFFNVYLTYGVLTYTLFLISIERYVVLRFHRFHRQKLKGPAQLL-LVLASWALAVSMAFPFVFNTRTYSFIEIENQ	235
SREBOvul	ACILVGFTNTFFIYSSAVTFLLISGDRYGVGVQTRFYRRKCGGLLSLA-FIVFGWGVAFVLSFPPIFGLGSYTFVPSFAQ	172
SREBHsap85	CTFQHRSFRRANDSLGFMLLLALILLATQLVYLKLIFFVHDDRKMMPVQFVAAVSQNWTTFHGPASGQAAANWLAGFGRGP	251
SREBHsap173	CIFEHRYFKANDTLGFMMLLAVLMAATHAVYGKLLLFEYRHRKMMPVQMVPAISQNWTFHGPATGQAAANWIAGFGRGP	253
SREBHsap	CALEQRPDGPAGALGFLLLLAVVVGATHLVYLRLLFFIHDRKMRPARLPVAVSHDWTTFHGPATGQAAANWTAGFGRGP	250
SREBArub	CTFKHQEYKSNETLCFLLFFVAVIAFTHFAYFRVFLFMRHRKMRPMQFVPAVSNNWTFYGPSTGQAAANWFLGYRQGP	315
SREBOvul	CTYSHTHYRSNDTLVFLLVFTFIMSLSLLLYRILMFLRNHRKMYPFHQPARSNNWTFLGPGANGQALVNWLNGFTGFR	252
SREBHsap85	TPPTLLGIRQNANTTGRRLLVLDEFKME-KRISRMFYIMTFLFLT LWGPYL VACYWRVFARGPVVPGGFLTAAVWMSFA	330
SREBHsap173	MPPTLLGIRQNGHAASRR-LLGMDEVKGE-KQLGRMFYAITLLFLLWSPYIIVACYWRVFVKACAVPHRYLATAVWMSFA	331
SREBHsap27	TPPALVGIRPAGPGRGARRLLVLEEFKTE-KRLCKMFYAVTLLFLLWGPYVVASYLRLVLRPGAVPQAYLTASVWLTFA	329
SREBArub	TPPPLIGLAP--PANGNSTLSKSDFERE-EKFSKLSLTITISFSVLWLPYTVYCFWQVFQHNNPLPYTYVSIATWLTFF	392
SREBOvul	QNPWLNPIAAGFQMPPRQLGRTVNLKVVKGEHLSRLFFTVTLVFDILWVPYLVLSYWQVFEVSHQLSSTFIGVAAWCSYL	332
SREBHsap85	QAGINPFVCIFSNRELRRCFSTTLLYCRK--SRLPREPYCVI----	370
SREBHsap173	QAAVNPIVCFLLNKDLKKCLRTHAPCWGTGGAPAPREPYCVM----	373
SREBHsap27	QAGINPVVCFLFNREL RDCFRAQFPCCQSPRTTQATHPCDLKGIGL	375
SREBArub	QACINPILCFVVSKEFRQIALQHVF GASAFQQEGHNVQL-----	431
SREBOvul	AVAVNPLVYLCCSGTLRRAFRPEIESYSKRGTLRE-----	367

