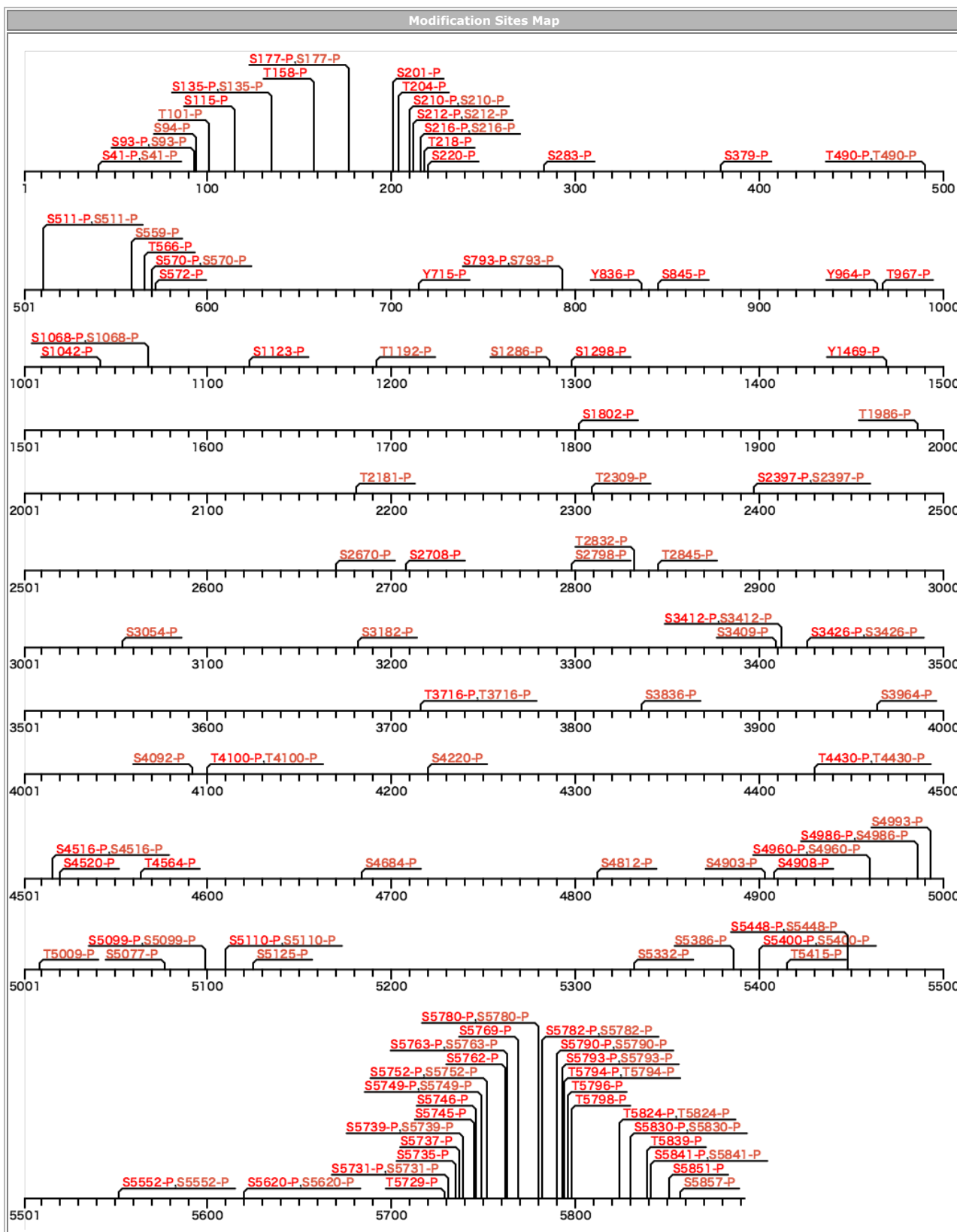


ID	Accession	GeneName	Chr.No.	Description
AH NK_HUMAN	Q09666	AHNAK	11q12.3 62201016..62323707	Neuroblast differentiation-associated protein AHNAK



Click a modification site to display information in detail.

Site no	Amino acid	Type	Division	Detail
---------	------------	------	----------	--------

Protein Sequence

MEKEETTREL LLPNWQSGS HGLTIAQRDD GVVFQEVTON SPAARTGVVK EGDQIVGATI YFDNLQSGEV TQLLNTMGHH TVGLKLRHGK DRSPFPGQTW TREVFSKSS
 EVVLSGDDEE YQRIYTTIK PRLKSEGDVE GDLGETQSRITVTRRVYAY TVDVTGREGA KDDISSEPF KIKIPRHELT EISNVDTVETQ SGKTIVIRLPS GSGAASPTGS AVDIR
 AGAIS ASGPQLQAG HSKLQVTMPG IKVGGSGVNV NAKGLDLGGR GGQVPAVDI SSSLGGRAVE VQGPSLESGD HGKIKFPTMK VPKFVSTGR EQQTPKAGLR VSAPE
 VSVGH KGGKPLTIQ APQLEVSVP ANIEGLEGLK KGPQITGPSL EGDGLGKAG PQGHIGVDAS APQIGGSITG PSVEVQAPDI DVQGPSKLN VPKMKVPKFS VSGAKGE
 ETG IDVTLPTGEV TVPGVSGDVS LPEIATGGLE GKMKGTKVK TPEMIQKPKI SMQDVLDSL SPSKLGDIK SAPGVQGDVK GPQVALKGRS VDIETPNLEG TLTGPRLS
 SGKTGTCRIS MSEVDLNVAA PKVKGVDVT LPRVEGKVK PEVDVVRGPKV DVSAPDVEAH GPEWNLKMPK MKMPTFSTPG AKGEGPDVHM TLPKGDISIS GPKVNVAPD
 VNLEGLGGKL KGPVVKLPM SVTKPKISM PDVLDLVKGTG VKGEYDVTVP KLEGLKGPV VDIDAPVDV HGPDWHLKMP KMKMPKFSVP GFKAEGPEVD VNLKADVDI
 SGPKIDVTAP DVSEIEPEGK LKGPFKMPE MNIKVPKISM PDVDLHLKGP NVKGEYDVTM PKVESIKVP DVELKSAKMD IDVPDVEVQG PDWHLKMPKM KMPKFSMPGF K
 AEGPEVDVN LKADVDISG PKVGEVDPD NIEGPEGKLLK GPKFKMPEMN IKAPKISMPD VDLHMKGPVK KGEYDMTVPK LEGDLKGPVK DVSAPDVEVQ GPDWNLKMPK I
 KMPKFSMPS LKGEPEFDV NLSKANVDIS APKVDTNAPD LSELEGPEGLK GPKFKMPEMN HFRAPKMSLP DVLDLKGPVK MKNVNDISAP KIEGEMQVPD VDIRGPKVDI KAP
 DVEGQGL DWSLKIPKMK MPKFSMPSLK GEGPEVDVNL PKADVVVSGP KVDIEAPDVS LEGPEGLKGP KFKMPEMHF KTPKISMPDV DLHLKGPVK GDVDVSVKVE EGE
 MKVPDVE IKGPKMDIDA PDVEVQGDW HLMKMPKMP KFSMPGFKE GREVDVNLK ADIDVSGPKV DVEVPDVSLE GPEGKLGPK FKMPEMHFKA PKISMPDVL NLK
 GPKLKG DVSLEPEVEG EMKVPDVIK GPKVDISAP DDVHGPDWHL KMPKVKMPK SMPGFKEGEP EVDVLPKAD DVSVPKMDA EVDVNIIEP DAKLKGPKF MPE
 MSIKPQK ISIPDVLHL KGPKMGD YD VTVKVEGEI KAPVDIKGP KVDINAPDVE VHGPDWHLKMP KVKMMPKFSMP GFKEGEGEP DMNLKADLG VSGPKVDIDV PDVN
 LEAPEG KLGKPKFMP SMNIQTHKIS MPDVLNLKA PKLKTVDVDS LPKVEGLKGP PEIDVKAPKM DVNVGDIDIE GPEGKLGPK FKMPEMHFKA PKISMPDVL HLKGP
 VKGD MDVSVKVEG EMKVPDVIK GPKVDIDAP VEVHDPDWHL KMPKMKMPK SMPGFKAEGP EVDVNLKAD IDVSGPSVDT DAPDLIDIEG EGKLGKSKFK MPKLN
 KAPK VSPMDVNL KGPKLKGEID ASVPELEGLD RGPQVDVKG VFAEVPDVE LECDAKLGK PKFKMPEMHF KAPKISMPDV DLHLKGPVK GDADVSVPL EGDLTGP
 SVG VEVPDVELE PDAKLGPKF KMPDMHFAP KISMPDVLH LKGPVKGDV DVSVPKLEGD LTGPSVGEV PDVELECPDA KLGKPKFMP EMHF TPKIS MPDVLHL
 KG PKVGDMDV VPKVEGEMV PDVDIKGPKM DIDAPDVIDV GPDWHLKMPK MKMPKFSMPG FKAEGPEVDV NLPKADVVVS GPKVDVEVPD VSELEGPEGLK KGPKLM
 PEM HFKAPKISM DVLHLKGPVK KGDVDVSLP KLEGLTGPS VDVEVPDVEL ECPDAKLGKPK FKMPEMHF TPKISMPDV NNLKGPVKVGD DMDVSVKVE GEMKVPD
 DI RGPKVDIDAP DVDVHGPDWHL LKMPKMPK FSPMGFKGEG PEVDVNLKPA DVDVSGPKVD VEVDPVLEG PEGKLGKPKF KMPPEMHF TPKISMPD VDFN LKGP
 DV DVSAPKLEGE LKGPDLVKG PKLDAMPVEV AVEGPNKWK TPKFKMPDMH FKAPKISMPD LDHLKSPKA KGEVDVDPK LEGDLKGPV DVSVPDIDIE GPEGKLGK
 K FKMPDMHFKA PNISMPDVL NLKGPVKIGD VDVSVPEVEG KLEVPDMNIR GPKVDVNPAD VQAPDWHLKMP KMKMPKFSMP GFKAEGPEV DVNLKADVD ISGPKVDIE
 G PDVNIIEGPEG KLGKPKLMPE MNIAKPKIS MPDIDLHLKGP KVKGDVDS LPKVEGLKGP PEVDIKGPKV DINAPDVGQV GPDWHLKMPK VKMPKFSMPG FKEGPDG
 V KLPKADIDV S GPKVDIEGPD VNIIEGPEGK KGPFKMPEMN NIKAPKISMP DIDLNLKGPVK KGDVDVSLP KVEGLKGP VDIKGPVKDI DAPDVIDVHGP DWHLKMPK
 MPKISMPGFK GEGPDVNL PKADIDVSGP KVDVECPDVN IEGPEGKWKSPKFKMPEMHF KTPKISMPDI DLNL TGPVKI GDVDVTGPKV EGDLEKPEVD LKGPVKDIEV P
 DVNVQGDW HLKMPKMPK FSPMGFKFAE GPEVDVNLKPA ADVDVSVPK DVEGPDVNIIE GPEGKLGPK FKMPEMHFKA PKIPMPDFDL HLKGPVKGD VDISLPLKVEG D
 LKGPVDIR GPQVDIDVDP VGVQGDWHL KMPKVKMPK SMPGFKEGEP DVDVNLKAD LDVSGPKVDI DVPDVIIEG EGKLGKPKF MPPEMNIAK ISMPDIDLNL KG
 PKVKGDM VSLPKVEGDM KVPDVIKGP KVDINAPD VQGDWHLKMP KIKMPKISM PGFKGEGEP DVNLKADLD VSGPKVDV DPNVIEGDA KLGKPKFMP EM
 NIAKPKIS MPDIDLNLKGP PKMGEVDVS LANVEGLKGP PALDIKPKI DVPDIDIH GPDALKGP LKMPDMHVN PKISMPDIDL NLKGSKLGKGD VDSGPKLEG DIK
 PSLDIK GPEVDVSGPK LNIEGSKSKS RFLKPKFNFS GSKVQTPVD VKGKPKDIDI TGPKVDINAP DVEVQGVKVK SKFKMPFLS I SSKVSMSPDV ELNLKSPKVK GDLDIAG
 PNL EGDVFKGPKVD IKAPEVNLNA PDVDVHGPDWHL NLKMPKMPK FKSVSGLKAE GPDVAVDLPK GDINIEGSPM NIEGPDNLVE GPEGKLGKPK FKMPDMNIAK PKISMPDI
 DL NLKGPVKGD VDISLPLKLEG DLKGPVDIK GPKVDINAP DDVHGPDWHL KMPKVKMPK SMPGFKEGEP EVDVLPKAD IDISGPNVDV DVPDVIIEG DAKLKGPKF
 K MPPEMNIAK ISMPDIDLNL KGPVKGDV VSLPKVEGLD KGEVDIKGP KVDID TPDIN IEGSEKFKGPKFKIPEMHL KAPKISMPDI DLNLKGPVK GDVDVSLPKM E
 GDLKGEVD IKGPKVDINA PDVDVQGDWHL KMPKVKMPK FSPMGFKGEP GPDVDVNLK ADLDVSGPKV DIDVDPVNIIE GPEGKLGKPK FKMPEMHFKA PKISMPDIDL NL
 KGPVKGD MDVSLPKVEG DMQVPLDIK GPKVDINAP DDVHGPDWHL KMPKIKMPK SMPGFKEGEP EVDVNLKAD LDVSGPKVDV DVPDVIIEG DAKLKGPKF MP
 EMNIAKPK ISMPDIDLNL KGPVKGDV VSLPKMEGDL KAPEVDIKGP KVDIDAPD VHGPDWHLKMP KVKMPKFSMP GFKEGEP DVNLKADID VSGPKVDI T PDI
 DIHGPPEG KLGKPKFMP DLHLKAPKIS MPEVDLNLKGP PKMKGVDVDS LPKVEGLKGP PEVDIKGPKV DIDVDPD VQGDWHLKMPK VKMPKFSMPG FKEGPDVDPV NLP
 KADLDV S GPKVDIDVDP VNIIEGDAK KGPFKMPEMN NIKAPKISM DFDLHLKGPVK KGDVDVSLP KVEGLKGP VDIKGPVKDI DAPDVIDVHGP DWHLKMPKVK MPK
 SMPGFK GEGPDVDTL PKADIEISGP KVDIDAPDVS IEGPDAKLGKPKFKMPEMNI KAPKISMPDI DFNKLGPKVK GDVDVSLPKV EGDLEKPEID IKGPSLDID T PDVNIIEG
 EG KLGKPKFMP EMNIAKPKIS MPDIDLHLKGP KVKGDVDS LPKVESDLKGP PEVDIEGPEG KLGKPKFMP DVHFKSPQIS MSDIDLNLKGP KIKGDMDIS VPKLEGLKGP
 PKVDVKGPKV GID TPDIDIH GPEGKLGKPK FKMPDLHLKA PKISMPDIDL NLKGPVKGD MDISLPKVEG DLKGPVDIR DPKVDIDVDP DVDVQGDWHL KMPKVKMPK S
 MPGFKEGEP DVDVNLKAD IDVSGPKVDV DVPDVIIEG DAKLKGPKF MPPEMNIAK ISMPDIDLNL KGPVKGDV VTLKVEGLD KGEADIKGP KVDINTD VDPVH
 GPDWHLKMPKVKMPKFSMP GFKEGEPDV DVSVPKADID VSGPKVDI DPNVIEGDA KLGKPKFMP EINIAPKIS IPVDVLDLKGPKVKGDVDS VPKVEGLKGP PEVD
 LKGPRL DFEVDAKLS GPKLMP SLE ISAPKVTAPD VDLHLKAPKI GFSGPKLEGG EVDLKGPVKE APSLDVHMD S PDINIEGPDV KIPKFKPKF GFGAKSPKAD IKPSLDV
 TV PEALNLE T P EISVGGKGGK SKFKMPKIH SGPKIAKKG GFDLNVPGGE IDASLAPDV DVNIAGPDA LKVDVKSPT KKTMTGKMYF PDVEFDIKSP KFKAEAPLS P
 KLEGLQAP DLESLPAIH VEGLDIKAKA PKVMPDVIDI SVPKIEGLDLPK GPKVQANLGA PDINIEGLDA KVKTPSFGIS APQVSIQDVN VNLKGPVKV DVPVGLLEG DVLQ
 GPEAK IKFPKFSMPK IGIPGVKMEG GGAEVHAQLP SLEGLRGPDKVLEGPVSL KGPVGLPSV NLSMPKVSVP DLDLNLKGPS LKGDLDASVP SMKVHAPGLN LSGVGG
 KMQV GGDGVKVPGI DATTKLNVGA PDVTLRGPQL QGDVAVSGDI CKPKVSVGAP DLSLEASEG S IKLPKMKLPQ FGISTPGSDL HVNAKGPQVS GELKGPVDPV NLKGPRI
 SAP NVDFNLEGPK VKGSLGATGE IKGPTVGGGL PGIGVQGLEG NLQMPGKISS GCDVNLPGVN VKLPTGQISG PEIKGGLKGS EVGFHGAAPD ISVKGPAFNM ASPESDFGI
 N LKGPVKGGG DVSQVSGAPD ISLGEHLSV KSGGEGWKG QVSSALNLDT SKFAGGLHF S GPKVEGKVK GQIGLQAPGL SVSGPQGHLE SSGKVTFFK MKIPKFTFS
 G RELVREMGV DVHFPKAEAS IQAGAGDGEW EEEVVKLKS KIKMPKFNFS KPKGKGGV TG SPEASISGSK GDLKSSKASL SLEGEAEAE ASSPKGKFLS FKSKKPRHS
 NSFSDEREFS GSTPTGTLE FEGGEVSLG KVKKGGHGL KFG TFGGLS KSKGHYEV TG SDDETGKLQG SSVSLAS SSKS RLSSSSSND SGNKVIQLPE VELSVSTK

Backcolor of amino acid : Yellow -> site of modification, gray -> in front of processing