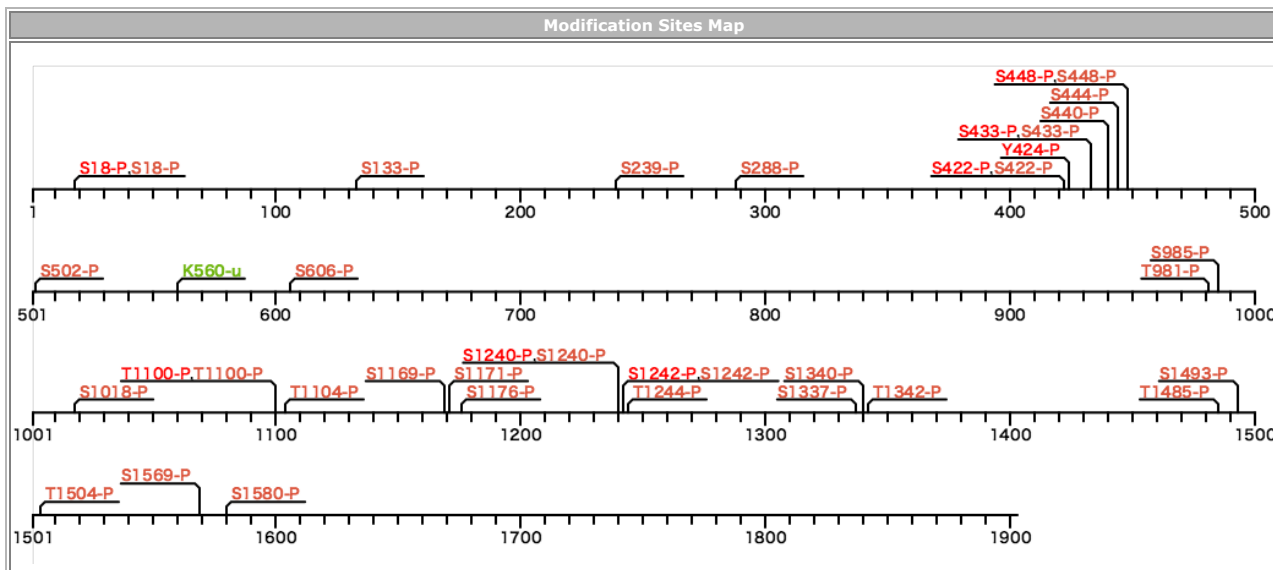


ID	Accession	GeneName	Chr.No.	Description	
AKA11_HUMAN	Q9UKA4	AKAP11	13q14.11	42846289..42897396	A-kinase anchor protein 11



Click a modification site to display information in detail.

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

**Protein Sequence**

MATFRNNHMK TKASVRK<sup>S</sup>FS EDVFQSVKSL LQSQKELCSV TAEDCLQQDE HANLTEVTLF GFNEETDAAH IQDLAAVSLE LPDILNSLHF CSLNENEIIC MKNINKPLDI SSD  
 PLNQSHP SGMLCVMRVS PT<sup>S</sup>PRLRIDF IFSLLSKYAT GIRYTLDTFL HQKHQLETTD EDDDDTNQSV SSIEDDFVTA FEHLEEEETS KPYNDGMNIT VLRSQCDAAS QTVTGH  
 HLET HDLKILIS<sup>S</sup>G QKSLAKPST SSVNVLGHKE LPSVKTSVTT SISEPWTQRS FYRSSNA<sup>S</sup>DK DSDLQKTFSS SSPAYSESE CSSPSPVIFL DEEGYQKSLK AKLELPKIPV  
 MKDDIEDSDS EVSEFFDSFD QFDELEQTLF TCLFNKDPVI GKSSQRKGGHKG HGKSCMNPKQ FKFDRLPALPA NVRKPTPRKP E<sup>S</sup>PYGNLCPD PD<sup>S</sup>PRPVKA<sup>S</sup> RED<sup>S</sup>GLFS<sup>S</sup>PI RS  
 SAFSPGG CTPAECFCQT DIGGDRIHEN HDSVYTYED YAKSISCEVL G<sup>S</sup>VLRTHHTN TLSNINSIKH GENKTVTFKH GNLDQKNKSK NKSLMIKDSI QKFAADLVE<sup>K</sup> SFGSA  
 FKDLQ KGVSSCTNAL YHLAIKLTSS VLQMAFDEL RQRAF<sup>S</sup>LKER AISGLANFLV SEALSNAKD LQYVKKQIFT NTVARFAADL AEELVFEGIM EVCQFSYPQT PASPQCGSF  
 D FEDKVVKLYA KDLSESVIQE AFIELSQVDV TFFTAAVSV STDNIKYVSA ESVVPSTQAV TFSPSFHNQA IMVTKPVQEY KKEYTVQQAL FCTSGIVTSI PVPLAGSALL PYHI  
 SSTACQ AKAHLSSDDS NSNGDSAQVH IATKNREEKA ACLRNICLPS EHNPNQNDQF KPTNDIEMQ SSSKLPNDPA IISNFAAVV HTIVNETLES MTSLEVTKMW DERTDY  
 LTKS LKEKTPPFSS CDQAVLQCE ASSNKDMFAD RLSKSIKHS IDKSKSVIPN IDKNAVYKES LPVSGEESQL T<sup>P</sup>EK<sup>S</sup>PKFPD SQNQLTHCSL SAAKDCVPEC KVMVHGS<sup>S</sup>  
 L ETLPSCPAVT GQKSDLKESA KDQPLKHHNL NSTSLEALSF GQENPFPHSH TFSSTALTCV DGLHVEDKQK VRDRNVIPD<sup>T</sup> PPS<sup>T</sup>PLVPSR ASSEWDIKKL TKKLKGLAK EF  
 APATPPST PHNSSVGSLS ENEQNTIEKE EFMLKLMRSL<sup>S</sup> SEEVES<sup>S</sup>ESG ELPEVDVKSE HSGKKVQFAE ALATHILSLA TEMAASHLDN KIIQEPKVKV NCLNVQSR<sup>S</sup> VSPT<sup>F</sup>L  
 NPSD ENLKTLCNFA GDAAAEVITE AEKIAKVRNC MLFKQKKNSC YADGDEYKV EEKLDIEAVV HPREVDPFIL SLPPSSCMSG LMYKYP<sup>S</sup>CS<sup>S</sup>VT DEYAGHLI QILKQEGGN  
 S ELIMDQYANR LAYRSVKSLG QEAATTKVQ CNSRMFPVPS SQVKTNKELL MFSNKEHQE ADKKRQSKRN EGYFCKNQT C ERTLDPYRNE VSQLYSFSTS LVHSTTKDAK  
 EELTASLVGL PKSL<sup>T</sup>DSCLF EK<sup>S</sup>GYYEEDNE CHV<sup>T</sup>PELPKS LQPSSQNHFR YHSTGSLNGY GCGDNVVQAV EQYAKKVDD TLELTG<sup>S</sup>TV FRVSETTK<sup>S</sup>A DRVTYAEKLS<sup>S</sup> PLT  
 GQACRYC DLKELHNTG NSSQHFRQGG SLASSKPASN PKFSSRYQKS RIFHLSVPQI HVNLDKAVL AEKIVAEIE KAERELSSTS LAADSGIGQE GASFAESLAT ETMTAA  
 VTNV GHAVSSSKEI EDFQSTESVS SQQMNLISIG DSTGSWSNLS FEDEHQDESS SFHHLSESNG NSSWSLGL EGDLYEDNLS FPTSDSDGPD DKDEHEDEV EGLGQ  
 DGKTL LITNIDMEPC TVDPQLRIIL QWLIASEAEV AELYFHDSAN KEFMLLSKQL QEKGWKVGDL LQAVLQYVE MEKASSEERC KSLFDWLEN

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