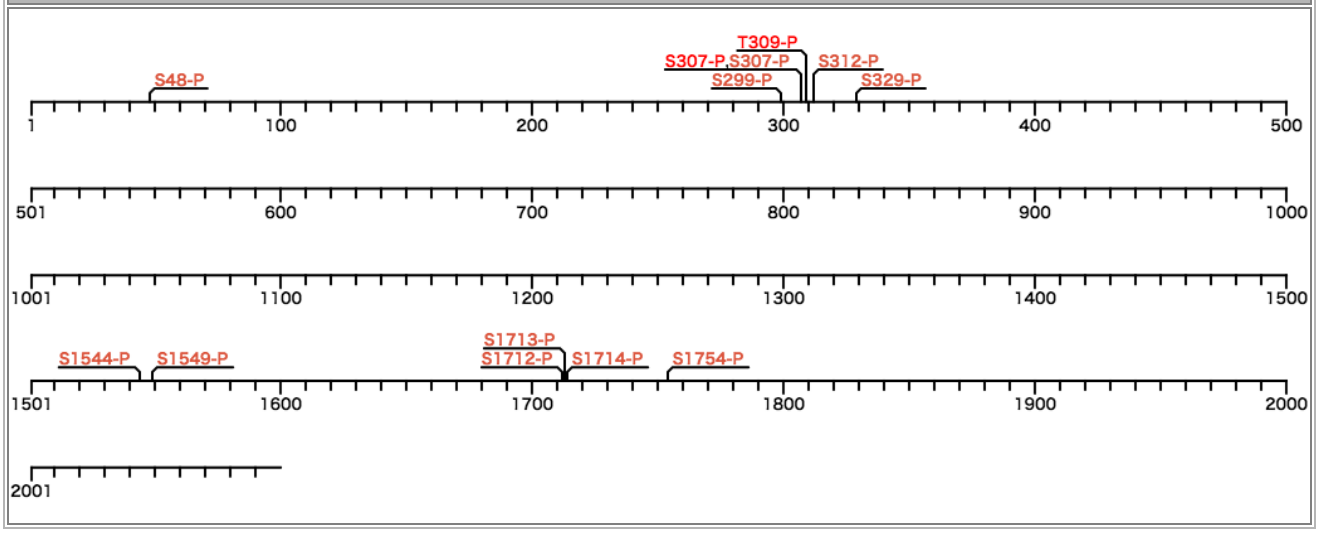
ID	Accession	GeneName	Chr.No.		Description
FYV1_HUMAN	Q9Y2I7	PIKFYVE	2q34	209130991..209223475	1-phosphatidylinositol 3-phosphate 5-kinase

Modification Sites Map



Click a modification site to display the information in detail.

Site no	Amino acid	Type	Division	Detail
307	S	P	Lab	130327_HEK_CE_pphos.mgf[F015007]
307	S	P	Lab	130327_HEK_ME_pphos.mgf[F015008]
307	S	P	Lab	130415_HEK_CE_tphos.mgf[F015009]
307	S	P	Lab	130415_HEK_ME_tphos.mgf[F015010]
307	S	P	Lab	140320_Agarose_.mgf[F017423]
307	S	P	Lab	140320_Agarose_.mgf[F017423]
307	S	P	Lab	140320_Mag_new_.mgf[F017424]
307	S	P	Lab	110218_pRMUGS_3.mgf[F017481]
307	S	P	Lab	110218_pRMUGS_4.mgf[F017482]
307	S	P	Lab	100628_akimura_pOVSAHO_2.mgf[F017461]
307	S	P	Lab	110218_pOVKATE_1.mgf[F017463]
307	S	P	Lab	110218_pOVKATE_2.mgf[F017464]
307	S	P	Lab	110218_pOVKATE_3.mgf[F017465]
307	S	P	Lab	110218_pOVMANA_1.mgf[F017466]
307	S	P	Lab	110218_pOVMANA_3.mgf[F017468]
307	S	P	Lab	110218_pOVSAYO_1.mgf[F017469]
307	S	P	Lab	110218_pOVSAYO_2.mgf[F017470]
307	S	P	Lab	110218_pOVSAYO_3.mgf[F017471]
307	S	P	Lab	110218_pRMG2_1.mgf[F017475]
307	S	P	Lab	110218_pRMG2_3.mgf[F017477]
307	S	P	Lab	110218_pRMG2_4.mgf[F017478]
307	S	P	Lab	110218_pRMUGS_1.mgf[F017479]
307	S	P	Lab	100627_akimura_pOVISE_1.mgf[F017437]
307	S	P	Lab	100627_akimura_pOVISE_2.mgf[F017440]
307	S	P	Lab	110711_titania_LNCaP_AI_2.mgf[F017442]
307	S	P	Lab	100627_akimura_pOVISE_3.mgf[F017443]
307	S	P	Lab	110711_titania_LNCaP_AI_3.mgf[F017444]
307	S	P	Lab	110711_titania_LNCaP_AI_4.mgf[F017445]
307	S	P	Lab	110711_titania_LNCaP_AI_5.mgf[F017446]
307	S	P	Lab	100627_akimura_pOVTOKO_1.mgf[F017447]
307	S	P	Lab	110711_titania_LNCaP_AI_6.mgf[F017448]
307	S	P	Lab	100628_akimura_pMCAS_1.mgf[F017454]
307	S	P	Lab	100628_akimura_pMCAS_2.mgf[F017455]
307	S	P	Lab	100628_akimura_pMCAS_3.mgf[F017456]
307	S	P	Lab	100628_akimura_pOVCAR3_1.mgf[F017457]
307	S	P	Lab	100628_akimura_pOVCAR3_3.mgf[F017459]
307	S	P	Lab	140320_tita_C18_.mgf[F017426]
307	S	P	Lab	140320_OVISE_ME_.mgf[F017429]
307	S	P	Lab	140320_OVISE_SCE_.mgf[F017431]

307	S	P	Lab	110711_titania_LNCaP_1.mgf[F017433]
307	S	P	Lab	110711_titania_LNCaP_2.mgf[F017434]
307	S	P	Lab	110711_titania_LNCaP_3.mgf[F017435]
307	S	P	Lab	110711_titania_LNCaP_5.mgf[F017438]
307	S	P	Lab	110711_titania_LNCaP_6.mgf[F017439]
307	S	P	Lab	110711_titania_LNCaP_AI_1.mgf[F017441]
307	S	P	Lab	100520-GIST-R2.mgf[F017517]
307	S	P	Lab	100520-GIST-W1.mgf[F017521]
307	S	P	Lab	100520-GIST-W2.mgf[F017522]
307	S	P	Lab	100520-GIST-W3.mgf[F017524]
307	S	P	Paper	Sci Signal 2009, 2(84), ra46
307	S	P	Paper	Sci Signal 2011, 4(179), rs5

Protein Sequence

MATDDKTSPT LDSANDLPRS PTSPSHLTHF KPLTPDQDEP PFKSAYSSFV NLFRFNKERA EGGQGEQQPL SGSWTSPQLP SRTQSVRSPT PYKKQLNEEL QRRSSALDTR RK AEPTFGGH DPRTAVQLRS LSTVLKRLKE IMEGKSQDSD LKQYWMPDSQ CKECYDCSEK FTTFRRRHHC RLCGQIFCSR CCNQEIPGKF MGYTGDLRAC TYCRKIALSY AHST DSNSIG EDLNALSDSA CSVSVLDPSE PRTPVGSRKA SRNIFLEDDL AWQSLIHPDS SNTPLSTRLV SVQEDAGKSP ARNRSASITN LSLDRSGSPM VPSYETSVSP QANRTY VRTE TTEDERKILL DSVQLKDLWK KICHHSSGME FQDHRYWLRT HPNCIVGKEL VNWLIRNGHI ATRAQAIAIG QAMVDGRWLD CVSHHDQLFR DEYALYRPLQ STEFSET PSP DSDSVNSVEG HSEPSWFKDI KFDDSDTEQI AEEGDDNLAN SASPSKRTSV SSFQSTVDSD SAASISLNVE LDNVNFHIKK PSKYPHVPPH PADQKEYLIS DTGGQQLSI S DAFIKESLFN RRVEEKSKEL PFTPLGWHHN NLELLREENG EKQAMERLLS ANHNHMMALL QQLLHSDSLS SSWRDIIVSL VCQVVQTVRP DVKNQDDDMD IRQFVHIKKI PGGKKFDSVV VNGFVCTKNI AHKKMSSCIK NPKILLLKCS IEYLYREETK FTCIDPIVLQ EREFLKNYVQ RIVDVRPTLV LVEKTVSRIA QDMLLEHGIT LVINVKSQVL ERISRM TQGD LVMSMDQLLT KPHLGTCHKF YMQIFQLPNE QTKTLMFFEG CPQHLGCTIK LRGGSDYELA RVKEILIFMI CVAYHSQLEI SFLMDEFAMP PTLMQNPSFH SLIEGRGHE G AVQEQYGGGS IPWDPDIPPE SLPCDDSSLL ELRIVFEKGE QENKNLPQAV ASVKHQEHST TACPAGLPCA FFAPVPESLL PLPVDDQQDA LGSEQPETLQ QTVVLQDPKS Q IRAFRDPLQ DDTGLYVTEE VTSSEDKRKT YSLAFKQELK DVILCISPVI TFREPFLLTE KGMRCSTRDY FAEQVYWSPL LNKEFKEMEN RRKKQLLRDL SGLQGMNGSI QAKSI QVLPS HELVSTRIAE HLGDSQSLGR MLADYRARGG RIQPKNSDPF AHSKDASSTS SGQSGSKNEG DEERGLILSD AVWSTKVDCL NPINHQRLCV LFSSSSAQSS NAPSAC VSPW IVTMEFYGKN DLTLGIFLER YCFRPSYQCP SMFCDTPMVH HIRRFVHGQG CVQIILKELD SPVPGYQHTI LTYSWCRICK QVTPVVALSN ESWSMSFAKY LELRFYGHQ Y TRRANAEPCG HSIHHDYHQY FSYNQMVASF SYSPIRLLEV CVPLPKIFIK RQAPLKVSLL QDLKDFFQKV SQVYVAIDER LASLKTDTFS KTREEKMEDI FAQKEMEEGE FKN WIEKMQA RLMSSSVDTP QQLQSVFESL IAKKQSLCEV LQAWNNRLQD LFQQEKGRKR PSVPPSPGRL RQGEESKISA MDASPRNISP GLQNGEKEDR FLTTLSSQSS TSST HLQLPT PPEVMSEQSV GGPPELDTAS SSEDVFDGHL LGSTDSQVKE KSTMKAIFAN LLPGNSYNPI PFPFDPDKHY LMYEHERVPI AVCEKEPSSI IAFALSCKEY RNALEELSK A TQWNSAEEGL PTNSTSDSRP KSSSPIRLPE MSGGQTNRTT ETEPQPTKKA SGMLSFFRGT AGKSPDLSSQ KRETLRGADS AYYQVGQTGK EGTENQGVEP QDEVDGGDT Q KKQLINPHVE LQFSDANAKF YCRLYYAGEF HKMREVILDS SEEDFIRSLS HSSPWQARGG KSGAAFYATE DDRFILKQMP RLEVQSFLDF APHYFNYITN AVQQKRPTAL A KILGVYRIG YKNSQNNTEK KLDLLVMENL FYGRKMAQVF DLKGSLRNRN VKTDTGKESC DVVLLDENLL KMVRDNPLYI RSHSKAVLRT SIHSDSHFLS SHLIIDYSLL VGRD DTSNEL VVGIIDYIRT FTWDKKLEMV VKSTGILGGQ GKMPTVVSPE LYRTRFCEAM DKYFLMVPDH WTGLGLNC

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