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34860110.m	VIVQSGEREGSPSTAVRPGS	VALPSQWLILIGYHEPPVVLHTTMLRVQ	TPGKGSADTRSDDLHAFALSFEFLNLKEEPELHPEEKA-DITYPGLGS	
6754366.m	VILQSGEREGSPSTAVRPGS	VALPSQWLILIGYHEPPVVLHTTMLRVH	IPIGKVSEASDYPGLGS	
13249351.m	VTIQKGECVITPSTDALKFDPGLKG-KSKLNLYLRNWLILLGHETPLSASTKMLERFPN	NLPKHRENPVLPADSEKRSEFVEVINIVGQTSQDNTPTTVSDVEKLARAPAKPEAPVDS		
31208193.i	PASSPSSAALSENQDDTPGRLISKA	SRLGGKNEENIIILGHYQTPTKTDSSIK	-LDIAFSGFASMGKEHELEYGET--NETNSMKLQGSTDFIRALFSRLYMDTKL	
21356429.f	N-SQETD-RTIYINVDLHEAHAGIMLGHYMFENGNLQSPPTTAAVKVNSLAHHNYN	DGYGLLANNEKNAADLGQRTNCTINRKTIIILQNSNKVQAFINE		
32563857.w	LTEMKEEYLPERR-IIRNIPPSIT	HKTSDGEYLLLGYHDPMMTMATIP	TRYPVPGPKHAQGSTIERPPOLGPVPQKEDTSFLILLNNHHP	
32421069.y	AGDAVITGNNPVTPSS	AGALPGLPAPDTATALPVQASDFFLNPFPILLVG	FRIHVVRTEPTPTVTD	
39967522.y	ASTSILQFRIPSGNITEMIEKVRSLP-LTVA	LAGALFTNPFLPILIGFFALLYKQDDMRLKLYKEWATKVGPESGRSIEFSCLASSLDKKPADSSGIEVSMDTKDEEKLAPPADSTKLSDFAVIQS	ITPRLEAKEEKSQPD--ASLADSSAGDSGSDEG-LAKKEVTFADLPKSETPP	
15229885.p	QVEKK	QSPSG	TPVTD	
18398454.p	QHKQKVTY-LFGQWSGPVKLLAPLVILGVVSFVLIKFSRSQSDVSL	TRYPVPGPKHAQGSTIERPPOLGPVPQKEDTSFLILLNNHHP		
18420784.p	GFASKFSG-LVLIIFG	FCVTMILSVCLGLFFYRLQRQSIRIKEPYV	TRYPVPGPKHAQGSTIERPPOLGPVPQKEDTSFLILLNNHHP	
AK068617.q	N-SVTKFSYRWLPPTFLMLLIMACLVKLADASKYCRQFVIRFLKFMRDEK	TRYPVPGPKHAQGSTIERPPOLGPVPQKEDTSFLILLNNHHP		
RNAseL.h				
31982957.m	DSDGKTFALLLAVELLKLLKIAELLCKRGASTDPCGDLMVMTARRNNDHS			
6321870.y	DNEGKTFALLLAVELLKLLKIAELLCKRGASTDPCGDLMVMTARRNNDHS			
19114296.y	YEKINSLDTTHKYPPMLIDSSVDTDLHQNNEMNSLKEYMSPEDELAYRKKIHEQISRELDEK		NQNSLKKFGLSLYVRIIETGVFLLLLIFCAILQRKFILPPLYVLLSKIGFMPKEI	
2phk_PHK	NAWFAMSERHYPLVSLAPEASFLYNGFYIPLINSIFGLRSIMATHKPFFALPGLPGYDIPSYVES		EGSTKTLPSIGKIPPLDNPISIPTISITFWVIMFLSVSTTIVFFSILRIRSS	
113r_PKA				
2erk_Erk2				
1jwh_CKII				
lias_TGFBR				
25148238.w				
34860110.m	DLLAASFTAIIQLGAWVILYLMR	QQQGSPAPAGPSDLPDCQTCVQLSRDTLQNQRFQSPPEP	VCPAHDPEAEQPTVVG-KISPNPKDVLQVRAAGCTFVERCQFEEARA	
6754366.m	DLLAASFTAIIQLGAWVILYLMR	QQQGSPAPAGPSDLPDCQTCVQLSRDTLQNQRFQSPPEP	VCPAHDPEAEQPTVVG-KISPNPKDVLQVRAAGCTFVERCQFEEARA	
13249351.m	MLKDMATIILSTFLVGWVAFILTYPLSVHQQQLQHQQFQKELKEIQLL	QQQGSPAPAGPSDLPDCQTCVQLSRDTLQNQRFQSPPEP	AOPPHDPEAQGPTVVG-KISPNPKDVLQVRAAGCTFVERCQFEEARA	
31208193.i	WLDQAPN-KLPTILLITLFLGVVFG	FYYINLQKALKEQSQQGSQTS	VCPAHDPEAEQPTVVG-KISPNPKDVLQVRAAGCTFVERCQFEEARA	
21356429.f	WFMEHPSKVHQILIVIVLGMIAL	NSNRSSGGGGSGSGS	VCPAHDPEAEQPTVVG-KISPNPKDVLQVRAAGCTFVERCQFEEARA	
32563857.w	FYATLVMFALLLTVIWCGRQWD	FWYTCSTMRELQKOSXFAIAQNGSNSA	NEDLVDLGNGQVRVKG-KISFSITNEVQVLCQKCECTFVERCQFEEARA	
32421069.y	PVDTDDAPAEVVKPKRKAHRORR	QOKSTSFRMSDEIVNPGESRSAQTSKQSNRGSGFWAN	RKDEIPPEGWMAVGSKLMSWPSDIDGCTCECTFVERCQFEEARA	
39967522.y	VDGVAANGTPSPERKKKKAHRR	GGIKHRKGPRNENTQSRDDEPPEPTVDEVVKAQEIGQQPK	VAVKRLRQEJNEIAQ	
15229885.p	CLG-EENKETKNSESKV	LEPDVITIPNGVDNVSGFILKMGSLEVNVQEQBQJLICSNPTIVFAKQDQD	ETKILRSDPHENVIVYFAQ	
18398454.p	KAGPSKKKNRNSAKDINR	LSVPS	VAVKRLRQEJNEIAQ	
18420784.p	SEV-IPAT-KKKK-KKNGTT	DQNIKNTLIVFMLESIEKRYDNEPTPG	VAVKRLRQEJNEIAQ	
AK068617.q	LMADPROKSEGTSKRRKARKKDDGLI	QSVLR-GODQFELIEEGGOMLGFNNFQSGATDG	VAVKRLRQEJNEIAQ	
RNAseL.h	-LKVILLSHGAKEDHP	KAVIENGFIISGKNDPFSHEENKEKLLTAFQGLNNSAEG	EIENLMAISDHENVIVYFAQ	
31982957.m	-LVKLLLPYVNPDTDP	NSTQIFGASDKEGNGTGGSTEAOQNAKHDSTVNEVNLNG	EIENLMAISDHENVIVYFAQ	
6321870.y	PIVESKLNCPSSESNTKFDKMSK	PAEDWKPSQSSHGAALKDLHRIYR	RQIG-KLFCVKSIEKIGSKNSIVVEEGYGGRE	
19114296.y	KQVVFECAVNDSLKSKEKDNDADDEDEKSLDLTTEKKRKRGSGGK	MIGKLKKPFIDEKYKIAQTSSEGGIVYLGCBQD	VAVKRLRQEJNEIAQ	
2phk_PHK	EVRLDKSCKNIVTSSINNKKDTSKRR	KGKRKRKRVSDEHNSANFNEIISQASFENQILDLISLNSHPEATVQNTIDGSVTVNTSLVYEVIGYSHETVIRVQYDRE	VAVKRLRQEJNEIAQ	
113r_PKA	GNAAAAKKGX	CFYENYEPKEIILGRVSVVYRCIHKP	VAVKRLRQEJNEIAQ	
2erk_Erk2		EQESVKEFLAKAEDFLKKWETPSQN	VAVKRLRQEJNEIAQ	
1jwh_CKII		AHHHHHHHMAAAAAAGEMVRQGVDFV	VAVKRLRQEJNEIAQ	
lias_TGFBR		MSGVEVPSRARVYIDVNTTHRREXYDYES	VAVKRLRQEJNEIAQ	
25148238.w	AKTSDDGSEISR	EDPSLDRPFISEGTTKLDIYDMITSGSGSG	VAVKRLRQEJNEIAQ	
34860110.m	BQG-PQPHYTAILELQCS	HOEVYVESPDLD	RWGLGPITVLOQOMMSGLHLRS	SOQGGRVVIIFSDIFCQKCPAGRCPSL-HSGIGCTCQMAPCBLQDLP
6754366.m	BHG-PQPHYTAILELQCS	LOEVYVESPDLD	RWGLGPITVLOQOMMSGLHLRS	SOQGGRVVIIFSDIFCQKCPAGRCPSL-HSGIGCTCQMAPCBLQDLP
13249351.m	EKD-PQPHYTAILELQCS	HOEVYVEPKDFA	HLRS-LEIIVRDLKPQNLMAQPD	SQQGGRVVIIFSDIFCQKCPAGRCPSL-HSGIGCTCQMAPCBLQDLP
31208193.i	EQD-PQPHYTAILELQCS	HOEVYVEPKDFA	HLRS-LEIIVRDLKPQNLMAQPD	AHGRKIAMISDPGCKLKVQHRS
21356429.f	EOD-PQPHYTAILELQCS	HOEVYVEPKDFA	VVAANTIVTIVGLLRKKISALDLRQCATGSL	NRGRVRAIMISDPGCKLKVQHRS
32563857.w	BSD-PQPHYTAILELQCS	HOEVYVEPKDFA	HLRS-LEIIVRDLKPQNLMAQPD	RSGVIGCTGQWVHAPMQRQR
32421069.y	QOS-AGFLYTAILELQCS	HADYIO	QNVVIALRDLIMKCATDGLQHRA-SKIVRHDMPKQNLVITMAS	AKGKVRVMSIFSDGCKLKVQHRS
39967522.y	OSR-DAFLYTAILELQCS	DAEYIE	RPSMFMRELAQAGERD-MPGVLYQVAGLHLRS	QRGEMRAVMSIFSDGCKLKVQHRS
15229885.p	PDD-QSPHYTAILELQCS	DDDIQK	KPAFKNLQACAGEKD-LPNVYIITQNLHLRS	AKGKVRVMSIFSDGCKLKVQHRS
18398454.p	PYD-QDPWYIISLPCCTS	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	TDIVRDLKPQNLVILIV-	DFYYYYPTLLLHHHKN
18420784.p	DQD-EPHYIISLPCCTS	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	MLKLMRDIVCGCILHME-LCIVRDLKPQNLVILIV-	TDIVRDLKPQNLVILIV-
AK068617.q	EOD-NDPVIYIISLPCCTS	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	LELQKLMRDIVAGLHLRS	KNSSSLCKRQDMSLQGKPSLGHLAT
RNAseL.h	BSH-RGHLFVQVNLICBCT	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	TDIELWRODGELPSAQ	GSGSGCQWAPCQELLQGR
31982957.m	PDD-KGCLIVYVQICBCT	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	DIVRDLKPQNLVILIV-	KNSSSLCKRQDMSLQGKPSLGHLAT
6321870.y	BTI-DRPHYTAILELQCS	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	PVENGEDKFAHILLISIFCQKCPAGRCPSL-HSGIGCTCQMAPCBLQDLP	KNSSSLCKRQDMSLQGKPSLGHLAT
19114296.y	OKS-DOPHYTAILELQCS	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	DDLFKSIQDNLKQVHRS	CGSGSGCQWAPCQELLQGR
2phk_PHK	YET-NTPFELVEDIMMKGB	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	DDLFKSIQDNLKQVHRS	KNSSSLCKRQDMSLQGKPSLGHLAT
113r_PKA	FKD-NSNLYMM2VAGGEMF	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	EKETRKIMRLLMELVCLNLKQVHRS	GSGSGCQWAPCQELLQGR
2erk_Erk2	IRK-PTIEQKDVIVDQIADT	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	TDIEQKDVIVDQIADT	KNSSSLCKRQDMSLQGKPSLGHLAT
1jwh_CKII	VKD-VSRJPALVE	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	QHLDNLLHICYVIVDQIADT	GSGSGCQWAPCQELLQGR
lias_TGFBR	DNKDNGTWTQIIVSDF	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	YQHLDNLLHICYVIVDQIADT	KNSSSLCKRQDMSLQGKPSLGHLAT
25148238.w	YEV-DSTLYIVS	DDDIQKSYLFMSMTKVLLENNDSTEGVAAYKIQQLDSLEGVIKGNFWKVGGHFSPL	DDIYRPMVDFQHDFVADPBDHIGFLXEX	VAVKLFSSREERSWFRFAEYQTVMLRHENILGFI

