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AK073557.q VHVVKPGKMKTPALR - VRFAEATR - NIAQLOHRRNVLQLPCTEIG EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VTHRNITSAVAGLDDDRNLRIGSFALEFLRNRSHGGAAGHIVALPATSSAARCGIFGYMSPEYMEETBATMTA
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64410002.q VEVAVKKGTRADT - RS - YDFLAEVS IIINRHRHKSIPLVLSWSYNGC BILLYVEPMNGSLDRIFPRTDLHGGHTTTIROLDRYRIVRDLTGLYVHSEYEVPK VILHRDIKASNLDSIILDRDNNRIGCFALACTVAVG - RSSVSCG - VACIFGYMAPEYMEETBATMTA
AK065935.q VEVAVKKGTRDEN - RC - YDFLAEVD IIINRHRNVPLVLSWSYECR BILLYVEPMNGSLDRIFPRTDLHGGHTTTIROLDRYRIVRDLTGLYVHSEYEVPK VILHRDIKASNLDSIILDRDNNRIGCFALACTVAVG - RSSVSCG - VACIFGYMAPEYMEETBATMTA
82860017.q QQVAVKKFDRDENQQR - FDFLVEIQ VTHRLKHINIVOLG CLEKR BILLYVEPMNGSLDRIFPRTDLHGGHTTTIROLDRYRIVRDLTGLYVHSEYEVPK VILHRDIKASNLDSIILDRDNNRIGCFALACTVAVG - RSSASME - LAVIFGYMAPEYQAQNRVATRT
AK108779.q - SSSNRGE - QEFVAEY - N - ISKLSHRNVLKLG CHERG EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VILHRDVKAISNLMLDEEYSARLDFGLARVHLDE - VTHRSTQA - VACIFGYMAPEYMEETBATMTA
15240142.p RDIAVKVKSEKSHQCK - QEFIAEIT - TIGELNHRNVLKLG CYERK EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VILHRDIKASNVMLDSDFNALKLDFGLARMIQOSE - MTHISTKE - IAGIFGYMAPEYMEETBATMTA
64970013.q VTVAVKRSKQSRDSYN EFNAEIT IIIAADKHLBNLVHLG CAKERD EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VILHRDIKASCNILLDSHFNPLRIGDFGLARLKDPPN - TSPRSTL - AGIFGYMAPEYLOMVKATEKS
AK067208.q VSRAVKKTOAHQRSN - EFAVAEIS VIAGLRRHNLVQLQG CDPDG EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VILHRDIKASCNILLDSHFNPLRIGDFGLARLKDPPN - KSPVDSL - AGIFGYMAPEYLOMVKATEKS
58740007.q VSRAVKKFOAIGSCTK - AFPSSEL KAMLNCEHHNLVPLAG CRSKD EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VILHRDVKSSNVMLDSEFNARLIGDFGLARTVSHG - GLPLTTQ - AGIFGYMAPEYLOMVKATEKS
15242646.p EIIIAIKRHSISQGN - TEFLSELS LIGGLRRHNLRLG CGYCREG EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VILHRDVKSSNIMLDSEFNARLIGDFGLARTVSHG - KSPDATA - AGIFGYMAPEYLOMVKATEKS
15231802.p DIVAKVKSNSQDKK - IIIGSLRRHNLRLG CHERG EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VILHRDVKSSNIMLDSEFNARLIGDFGLARTVSHG - KSPDATA - AGIFGYMAPEYLOMVKATEKS
61980011.q AMAVAKVCTNASADGAQARSEFSELS - IIACLRHNRNLLRLG CHERG EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VILHRDVKSSNVMLDDAYRARLDFGLARQAEHGG - KSPDATA - AGIFGYMAPEYLOMVKATEKS
24340004.q MEVAVKCFSANTIKQG - EDFLAEIS IIINRHRNVLVKG CHONG EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VILHRDVKSSNVMLDDAYRARLDFGLARQAEHGG - TSYJDIIG - VPGIFGYMAPECFTGRATRES
AK107391.q TDVAKVCEFSANTIKKG - EDFLAEIR IIINRHRNVLVKG CHONG EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VILHRDVKSSNVMLDDAYRARLDFGLARQAEHGG - TSYJDIIG - VPGIFGYMAPECFTGRATRES
37960020.q VEVAVKKFSRASTQQG - NDFLAEIS IIINRHRHKHLVRLVG EHDNG EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VILHRDVKSSNVMLDDAYRARLDFGLARQAEHGG - TSYMEEAGGGVHGVYVIA - VACIFGYMAPECFTGRATRES
37960019.q TEVAVKVFTRDAAKCV - DDFIKEYQ - IIIHLRHRNIVPLVG CHEREG EMLVYVDSPGNTLSHEILLRRDAGAGAAA VLPVRPHRSIVKALASAVIYLHEDDEQ VILHRDVKSSNVMLDDAYRARLDFGLARQAEHGG - TSYMEEAGGGVHGVYVIA - VACIFGYMAPECFTGRATRES
1ir3_IRK TRAVAKVTVNEASLRE - IEFPIV - VMKGEFTCHVVRLLGVVSKGQ - PTLVVMPMHGDDKSYSLRPEANNPGRPPPTLOEMIQIAFADCMVILN - AKK FVHRDIAFENOMVADDFEVKICDFGMRDPINKEFDX - XKGKGK - LLEVRMAPESLKDVEITSS - DM
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lias_TGFbR EEVAVKLISSREERSWFREERIYQTLM - LRBEINLGFIAADNKRONGTWTOLMLWSPYHEHGSFDFMLNR - YTVTVEGMKIALSTASDHLH - EIVGTQGKPAIHRDLKSKNLLVKKNGTCCADICLAVRHDASAT - DTIDIAFPNHRVCKRKYMAPEVLDSDINSMKHFESFKRADI

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30685443.p YSFQVVVLEMVTCGPADYKRK - KEDALAVLRLRERVVGNRKKL - ELEIADIMLDEDEYVNRERLGLCNPNTCTRDPLKLSIPTQVSK - EBGK - EGDVSRKQMYDSS - MLMIRQMQALGIH
64410002.p YAFQVVLVLEIVTICKMLN - DAQFG - HINDVWHLHOR - CRILLEADGVLTGTAHGEFEFLCARLRLLCACSNPNTSDPTEITMVAVOVIAKLAPADP - LTLPGVS - SSSECCTDYVXTAKGSLOQIKSSMV
AK065935.q YAFQVVLVLEIVTICKRGRALCK - QGTFQ - LLVDWVHLHOR - GSSLDAVDNGTASS - TEFFIADDAIRLLLCACSNPNTSDPTEITMVAVOVIAKLAPADP - VILHRDVKSSNVMLDDAYRARLDFGLARQAEHGG - GGVVEDSDVDSSGSDVYASLCEWEEEETSSDALAVRVSSGYN -
82860017.q YAFQVVLVLEIVTICKRKAHDHGRPSDVS - LIANIQRDEPHFNN - GKLLBEADKALHSDSCLTPEEGLOYDADDAIRLLLCACSNPNTSDPTEITMVAVOVIAKLAPADP - SSAIDD - ASSLGRR
AK108779.q YAFQVVLVMEVLTGRSPSSVITYHNRQQEDHDGRRQPMIVDVM - RHRGDD - TVEFADAVLGGAYEADAEVPERARLACCPSPPREPSERTAVOVIUVCAGAPAPETPFP - AFVWPPD - GKRQEIELPHVGVLFTGG - QLSFCSTMSTPITGR
15240142.p YAFQVVLVLEIVTICKRGRKPS - YLVVKDNQNNYNS - IVNLL - ELYRNG - TIEDADPDMCGNLFKEEMKFVLLLGLACCKPNTQVSKTVLKVL - TGTSEPDPTFRP - AFVWP - AMPSPFSIDYDLSLGS - QIN - SLTELTRGR -
64970013.q YAFQVVLVLEIVTICKRGRPIESAAP - DSNMMVNVVWDVNLHSGK - KVLDADVPNLGEYDAGQMPRELLVGLCSCVNPFSEBEPVNTVLDMECNSGLLSPVRKGP - LLVVFVN - APIDLEGVISECNQSTS - SGLYELKIDLN
AK067208.q FSQFVVLVLEIVCGRPIDKDDG - GGKN VNLVDVWVRLHGED - RLLDADPPLLAGFPYRDEMLRLLLGLACSNPNTCDPNTAMERVCOIIINREREPVPRKGP - LIVFSSS - ASIKLQEIAFACG - DDVR - GGLPAATSPRSEGDDIER -
58740007.q FSQFVVLVLEIVCGRPIDKDDG - ISVNVNVVWTLGRR - RLDADPDRRELQCRFVADEMRVRLVPLCVPDRKRPQGRVVM - SDMDGAPLILVPDKMP - PVLLQP - VENASSMNSADIAN - TAFFSCR
15242646.p FSQFVVLVLEIVCGRPICTRPEPEPG - LRPGLRSSLVDWVWGLYREG - KLLTAWDEFLS - EFN - ECMSRVMMVGLACSP - PDPTVTPITR - RSVOIIUVEADPVEPIAKP - SSMFST - SELLTLQDQSDVDCNEV - LAPIS - TTSSCSSEHDIFIVGKDRSV -
15231802.p FSQFVVLVLEIVCGRPIEKDLNVRQ - HNVGVNPNLVBWVWGLYREG - KVSAADDSLELEGKFDGEMWVRLVVGGLACSP - PDPAFPTITR - RSVOIIUVEADPVEPIAKP - TMSFST - SHLLSLQDQLSDCNUV - ALNSRRSSWSVHEVNIIRSDDDHLV
61980011.q FSQFVVLVLEIVCGRPIEKDLNVRQ - ATEGRCNNLVEVWVSLHQAG - QVLDADPLREYDAAPIRMLVGLACSP - PEADLPGVHAWQMGFBADSPFPAKP - SMFSAN - HQLLLSLQDQSDVSYNALGNDLSDSSSDLSLSSSLTSTLRKGHHDIAPS
24340004.q FSQFVVLVLEIVCGRPIEKDLNVRQ - CLELAVKLHGAAAGGGGG - ILLEADQPLACEFDEADPLRLLLGLACSP - PGEPEPRQTIIQIILTCAAPPHPDPSK - AFMWP - AMPVALDG - DDDD - ETGRSSTVMNSSSYYVYSSSGWTQNYQVKEHEVADRDVATV
AK107391.q FSQFVVLVLEIVCGRPIEKDLNVRQ - SLLBVWVRLHGAAAGGGG - ILLEADQPLACEFDEADPLRLLLGLACSP - PNGBEPRTQAIQIILTCAAPPHPDPSK - AFMWP - AMPVALDG - DDDDSSETPTSRSSMLTS - SSTGWKIIQVKEHEVADRDVAAE -
37960020.q FSQFVVLVLEIVCGRPIEKDLNVRQ - FLVDWVRLHEDRGS - KITMAQIILRSTPPPEPPFRP - AFVWP - AIDGGIDT - TTST - ASHVSTNMSTS - TWSGNFMRGSRSAPPTPEQDASDSVV -
37960019.q FSQFVVLVLEIVCGRPIEKDLNVRQ - HALICDPACPMLS - DAVIQLIISCAFPPEPIOKP - SFVWPBDGGA5A9HDLIDIGALASGSLAAGGSSAAAAAADDSSARATDTSACIRPPNSTGDFPAPLSSG
1ir3_IRK FSQFVVLVLEIVCGRPIEKDLNVRQ - LNEQ - VLFKFVMDGGYLDQEDNCPEVRTDLMRNCWFONKMPPTFLEIVNLLKDDLHSPFLEVFFH - SEENK - YTAEELAHPFQOY -
2phk_Phk - SFQFVVLVLEIVCGRPIEKDLNVRQ - KQMLMPMTMSNYQFGSPENDDYSDTKDLVSLRFVIMQDQK - AARLTALRIKKTLS - QLSQOEKGIM - lias_TGFbR

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