

	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980
15237379_P	RK	ISQKADVVSPGVLLILELLTCKP ^T HQQL-HEEG-	VDPDPRVVSITEQQSPSDVPEP ^D EITY	QSDS-NENIRILNIGCCTTQY-PDSRPTMPEVTRLIEEVGRSPAS-PGFLSD-														
15233013_P	RK	ISQKADVVSPGVLLILELLTCKP ^T HQQL-NEEG-	VDPDPRVVSITIQQTPSDV ^D PELRY-QPEG-NENIRILNIGCCTAOF-PDSRPTMPEVTRLIEEVHSSSG-PNFVSD-															
18401662_P	FR	VSGKADVVSPGVVLLILELLTCKPAPSNSVM-NEEG-	MDLARKVHSVALEE-RNIVFDSEI ^M MSI-ETIVVS-BEEMABMLOLGHIDCTQH-PDKRPVMVEVRIQSCAD-RVG-															
83563192_Q	FR	VSGKADVVSPGVVLLILELLTCKP ^L LDATPDGAA-	VDPDPRVMRGVV ^E EE-TSEVFPAAI ^G -INEARDEGEMMRLLOLGMECTEHH-PDORPMAMPEVEARIEPIVEDACR-NADSGSTDGSRSMSA-															
50120007_Q	FR	ASR ^E ADVVSPGVVLLILELLTCKP ^P ANAVP-GFDG-	VDPDPRVRAVVEE-TAEVFD ^D EL-DEAHAEISGMMRLLAKVCTEQR-PDORPMAMPEVEARIEPIVEDACR-NADVDDFD-SVSQ-															
28140026_Q	KK	PTQKSDVYSPGVLLILELLTCKPAPLRSPGREDS-	IEDHPRVVOSVREE-TAEVFD ^D EL-RHP-NSEDEM ^M MLQVAMCVAAAP-PDORPMAMPEVEARIEPIVEDACR-SRTPPEEKQDESAAF-															
83533575_Q	FR	CTQKSDVYSPGVVLLILELLTCKPAPLRSPGREDS-	IEDHPRVVOSVREE-TSEVFPAADL-RHP-NSEDEM ^M MLQVAMCVAAAP-PDORPMAMPEVEARIEPIVEDACR-TRLSPEDKKEEEAIQT-															
AK103073_Q	FK	FTIKSDVYSPGVVLLILELLTCKPAPLRSPGREDS-	VVDLPKVHSVALEE-TAEVFD ^D EL-KYL-NEDILVMLQJAMCTRS-PDORPMAMPEVEARIEPIVEDACR-SRDSNENARESNP ^S A-															
AK103598_Q	FK	ITOKSDVYSPGVVLLILELLTCKPAPLRSPGREDS-	VVDLPKVHSVALEE-TAEVFD ^D EL-KQQ-NEDILVMLQJAMCTRS-PDORPMAMPEVEARIEPIVEDACR-SRASSDEKMDNSPPSV-															
15231955_P	FK	HTOKSDVYSPGVVLLILELLTCKPAPLRSPGREDS-	VVDLPKVHSVALEE-TGEVFD ^D EL-KQQHNVEEMVMLQJAMCVSKH-PDORPMAMPEVEARIEPIVEDACR-TRLSPEDKKEEEAIQT-															
15238453_P	FR	VSGKSDVYSPGVVLLILELLTCKP ^L PLTOPGLEDERV-	VIDHPRVVOSVREE-TAEVFD ^D EL-KFQ-NEDILVMLQJAMCVARN-PDORPMAMPEVEARIEPIVEDACR-QQLQNTSESEATSNVSE-															
15225780_P	FR	VTKSDVYSPGVVLLILELLTCKP ^F NQASLGEEG-	IDHPRVVLSVREE-TAEVFD ^D EL-RYH-NEDILVMLQJAMCVSTV-PDORPMAMPEVEARIEPIVEDACR-LRQSSDPSKGSEGQTPPESRTPRSVTP-															
15237887_P	FR	STPESDIYSPGVVLLILELLTCKP ^S IMDRK-EG-	IDIVVVKNDVIKQ-TGEVFD ^D EL-KTP-NVBAKILMLQJAMGTSCTAMV-PAKR ^D DMKVAARVEE-TRLEETI ^R D-															
15236593_P	FK	SSQKSDVYSPGVVLLILELLTCKP ^I H ^T AGDET-	IHDVRYVHSVREE-TAEVFD ^D EL-RYT-NEDILVMLQJAMCVVKA-ADORPKMSDVLRIIENVNCRNTSIEPEPELKPK-SEGASETSTPSI-															
83500325_Q	RPW	-ASQKADVVSPGVVLLILELLTCKPFGSELPNGG-	-VVVDPRVVOSVREE-TSEVFPELMIK-DKG-NEDILVMLQJAMCVAA-PDORPKMSDVLRIIENVNCRNTSIEPEPELKPK-SEGASETSTPSI-															
15227998_P	FR	LSQKADVVSPGVVLLILELLTCKP ^S IFPPSPRSR ^P RSAAVASVAVEEEEAVVDPDPRVVSREE-TAEVFD ^D EL-YKNM-	-GOTDIPVVOSSSIAEKEEELDDEIIVNN-TESMRDMVBLLRVGA ^C IASN-PDORPKMSDVLRIIENVNCRNTSIEPEPELKPK-SEGASETSTPSI-															
15242039_P	SH	KSDVYCGIIILILELLTCKPFSQ-YLNNGK-	-GOTDIPVVOSSSIAEKEEELDDEIIVNN-TDSIKQMVBLLRVGA ^C IASN-PDORPKMSDVLRIIENVNCRNTSIEPEPELKPK-SEGASETSTPSI-															
15229176_P	SP	KSDVYCGIIILILELLTCKPFSQ-YLNNGK-	-GOTDIPVVOSSSIAEKEEELDDEIIVNN-TDSIKQMVBLLRVGA ^C IASN-PDORPKMSDVLRIIENVNCRNTSIEPEPELKPK-SEGASETSTPSI-															
AK1071363_Q	GA	KADVVSPGVVLLILELLTCKPFSQ-YLQNAK-	-GGTDPWVAAASVAVGGEQEVD ^D EV ^E VVAAG-AGPAAVRILRVG ^C TIPE-PDORPKMSDVLRIIENVNCRNTSIEPEPELKPK-SEGASETSTPSI-															
33470007_Q	GAGAAAORAA ^S RSDVYCGIVLLELLTCKPFSQ-YLLTAR-	-GGTDWQVAAASVAVGGEQEVD ^D EV ^E VVAAG-AGPAAVRILRVG ^C TIPE-PDORPKMSDVLRIIENVNCRNTSIEPEPELKPK-SEGASETSTPSI-																
15238494_P	FRI	TKKNDVWCGICILILELLTCKP ^F FPAN-FSQS-	-SEEDIASVNSGFHGVP ^A PSLF ^D KGMG-KTSHCEQGILKLLHGNCCEPD-VIKR ^D IL ^E KEEELK-EREGDDDFY ^S TYVSETDG-RSSKGESSESISFA-															
30678345_P	SRV	TKKNDVWCGICVLLILELLTCKP ^F FPAN-FSQVDFKE-	-SEEDIASVNSGFHGVP ^A PSLF ^D KGMG-KTSHCEQGILKLLHGNCCEPD-VIKR ^D IL ^E KEEELK-EREGDDDFY ^S TYVSETDG-RSSKGESSESISFA-															
15231077_P	GHL	TKKNDVWCGICVLLILELLTCKP ^F FPAN-YLSQGYD-	-SEEDIASVNSGFHGVP ^A PSLF ^D KGMG-KTSHCEQGILKLLHGNCCEPD-VIKR ^D IL ^E KEEELK-EREGDDDFY ^S TYVSETDG-RSSKGESSESISFA-															
18417769_P	DRT	SRRSDVMSIGILILELLTCKP ^F FPAN-YLRQKG-	-ADDELAAAVESVARTE-TADVF ^D EL-ACKEREAOMLKLLKIGLRCWD-IKTRIELLEADVR ^E VD ^D RLAGGQESVRSSYYVITASGDHRSSRAMTEFSLM-															
83563994_Q	GRS	SKKSDVYCGICILILELLTCKP ^F FPAN-YHRQGR-	-ANGDIPVQVAVSTPEGEILEKVDADMERK-WEDEE ^S GEEMVKLIKHOMAACAA-VDSR ^E BLKIAVSSIEELKGKEEDANEHFSYSSIDGD-EFASVAIN-															
37750013_Q	GRP	SKKNDWCGICGILILELLTCKP ^F FPAN-YHRQGR-	-DNADIPVQVAVSTPEGEILEKVDADMERK-WEDEE ^S GEEMVKLIKHOMAACAA-VDSR ^E BLKIAVSSIEELKGKEEDANEHFSYSSIDGD-EFASVAIN-															
61610007_Q	GKP	SKKSDWVCGICGILILELLTCKP ^F FPAN-YLRQGR-	-DNADIPVQVAVSTPEGEILEKVDADMERK-WEDEE ^S GEEMVKLIKHOMAACAA-VDSR ^E BLKIAVSSIEELKGKEEDANEHFSYSSIDGD-EFASVAIN-															
380008_Q	LSS	-RADVF ^C GLVLLFVVTGK ^F FPVD-	-EDCDIPAEW ^A R ^L ^A L ^S H ^E ST ^D IL ^E VEI ^V AD-RGRHGDMLR ^E TEVALI ^C AAVD-PDORPKMSDVLRIIENVNCRNTSIEPEPELKPK-SEGASETSTPSI-															
AK107001_Q	KODVHAF	CVVLLILELLTCKP ^F FPED-	-CNVDF ^A AL ^A R ^C V ^V REE-TSEVFPEL ^D LLPS-RGGAEPEAVVLLV ^A LV ^C VA ^D D-PDORPKMSDVLRIIENVNCRNTSIEPEPELKPK-SEGASETSTPSI-															
AK100096_Q	SN	RRITKSDIYAGILLILELLTCKP ^F PLQ-HSVLVAT-	-NIQTYVVS ^A ARD ^C -GKNCNKAEMNL ^L IGL ^C CEVD-PDORPKMSDVLRIIENVNCRNTSIEPEPELKPK-SEGASETSTPSI-															
15229701_P	STD	SRP ^E T ^C KDVKYSGVLLILELLTCKP ^F ASR-QPIME ^N	-DM ^D VRAMR ^C EEER-SKDEENLEM ^T OTAC ^C CRVTS-PECP ^R PTM ^E EV ^K MI ^O EIKGSVVMTEENEKF-															
24580020_Q	AH	-AFT ^E ASDVYSGVLLILELLTCKP ^F PLQDLMEMHSD-	-DIP ^S VR ^A R ^D PEETES-GGES-ASAGGEEPEL ^C GA ^I S ^A AA ^C VVAD-PDORPKMSDVLRIIENVNCRNTSIEPEPELKPK-SEGASETSTPSI-															
83571773_Q	SAP	-AAA ^E RADV ^F RAYSGVLLILELLTCKP ^F AAADG-	-AELSRVIAV ^E REE-TAEVFD ^D EL ^E SSAGGDIVA ^C Q ^B Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J Q ^K Q ^L Q ^M Q ^N Q ^P Q ^R Q ^S Q ^T Q ^U Q ^V Q ^W Q ^X Q ^Y Q ^Z Q ^A Q ^B Q ^C Q ^D Q ^E Q ^F Q ^G Q ^H Q ^I Q ^J															