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NTDB id 1410	SGL RS13950 WP 010873519.1	MTSSSSSSKKSRAVALRNYFSPFGNKL	VAGGHVDAEQLRQALVQVKKTGRSL	PEELKAVTGRELSPELLRQYKKNQLFELK	80
NTDB id 1168	A1552VC RS11070 WP 000957200.1	MLTNLVA	ILRQAELISATQEAVVTQVSASGTSV	PEALLEL..SIFHAQELTEQL.....S	54
NTDB id 1293	VP RS12240 WP 005479695.1	MHSNLS	TLRQKGLLTFSQEESLIEQVKASGISM	PEALLSS..GFFTSSLEAEHL.....S	54
NTDB id 1401	DSB67 RS12665 WP 010643259.1	MLTNLST	VLRQAGILTFSQEESLIEQVKASGISM	PEALLSS..GFFQSHELTEHL.....S	54
NTDB id 1110	NGFG RS09235 WP 003689817.1	MSVGLLR	ILVQNQVVTVEQAEHYYNES.QAGKEV	LPMLFSD..GVISPKSLAALI.....A	53
NTDB id 1058	ABD1 RS01615 WP 001274986.1	MSALHTSPKFT	GFRRRLVEEKHVSAATMQTALDAAKRA	KQDTVAYLIEE..VHLSPSLLAETI.....S	62
NTDB id 1018	ACIAD RS01685 WP 004920473.1	MSAFTTPPKFS	SGFIRRLVEEGYVNAQNMQQALEKAKK	FKQDIVPYLIDN..FSISPLTTAEII.....S	62
NTDB id 224994	B6V88 RS06445 WP 045099173.1	MEMTTITNHR	LQGIATLTANNLISKSFIFEYQTLALAN	QQTLLQYLATN..DLIEPPVIAQIM.....A	63
NTDB id 1251	GC085 RS07725 WP 011946523.1	MALATEEYRL	QIGQLLVLEKLIDKTKAIELHKLAAAEK	ISLLIQYIVKN..KILSAEQIALTA.....A	62
consensus		*** *!* *** * * * * * * * * * * * * * *			

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NTDB id 1410	SGL RS13950 WP 010873519.1	VLYGVDSVDPEVAPIATQQMAEL	IGRFFPLDTCRRFKFLPLAQQEGDP	PPSVLVAMVDPDNLAAQDELNRILRV	KGFELRR	160
NTDB id 1168	A1552VC RS11070 WP 000957200.1	HIFGLPETDLSRYDYAN.....	LCQQGLGLRELITRYDALPIAKQ...	GNLLLLAVSDPTLLQAEFEF...	RFATGLQVEL	123
NTDB id 1293	VP RS12240 WP 005479695.1	SIFGLSQPELSQYEYAS.....	LCQQGLGLRELITRHNALPLHRT...	PSTLLAVADPTNQQAEDDF...	RFATGLQVEL	123
NTDB id 1401	DSB67 RS12665 WP 010643259.1	SVFGLSCTSLNQYEYAS.....	LCQTLGLRLDITRHNALPLNRT...	SSTLLAVADPTNLQAEDDF...	RFATGLQVEL	123
NTDB id 1110	NGFG RS09235 WP 003689817.1	RVFSYSILDLRHYPHRR.....	VLMGVLTTEEQMVFEHCVPVFRR...	GDKVFFAVSDPTQMPQIKT...	VSAAGTAVEL	122
NTDB id 1058	ABD1 RS01615 WP 001274986.1	AEFAEPYFDLDVYDTSQ.....	IPKDLVDQKLILKHRILPLIQR...	GQILYVATSNPSNIEAIDAT...	RFNSKLLVEP	131
NTDB id 1018	ACIAD RS01685 WP 004920473.1	LEFGEPLIDLGVFDPAL.....	FLKDKIDEKLIQKYRIMPLVHR...	GHVLYVATSNPTNIEAMDAT...	RFNSKLLKVEP	131
NTDB id 224994	B6V88 RS06445 WP 045099173.1	NYFDLPFMDLDNIDFDS.....	IPIHLISGQLTRRHAVLPTIIR...	AENLILATDDPSQSVFKEI...	HFQTGLPTKV	132
NTDB id 1251	GC085 RS07725 WP 011946523.1	QNFQVPMLDINCIDVGT.....	IPVNLISVNEKLIKRRHAMVPLFSR...	GTNLYLATDDPSKQASLKEI...	QFHTGLNTHA	131
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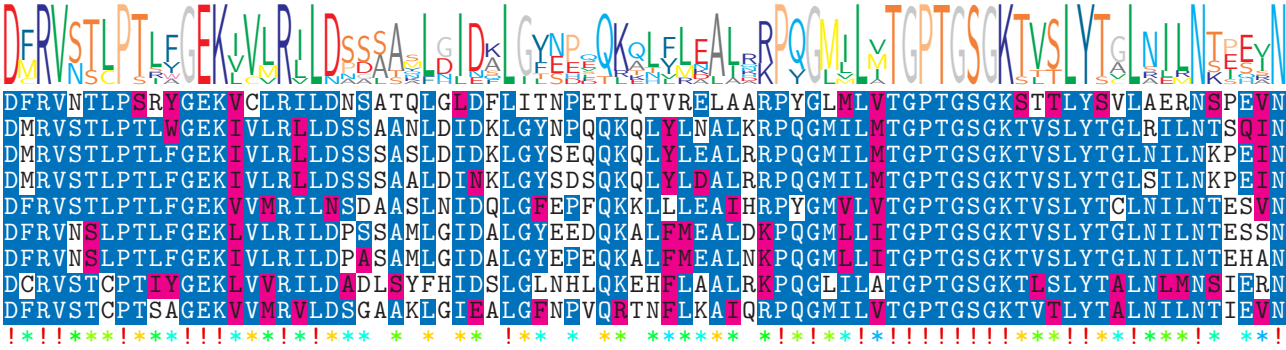
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NTDB id 1168	A1552VC RS11070 WP 000957200.1	ALADHRA	LQAAIRRLYGRSIQGAANQGKEISQ	DELANLVKV.....SDDE..LQS	IEDLSQDDSPVSRFINQV	189	
NTDB id 1293	VP RS12240 WP 005479695.1	VLADFREL	STAIRRLYGRSLSHEKSGLKEINQE	ELASLVDV.....GADE..IDN	IEDLSQDESPPVSRVINQI	189	
NTDB id 1401	DSB67 RS12665 WP 010643259.1	VLADFREL	TAAIRRLYGRSLGQEKSGLKEINQ	EDELAVDI.....GEDE..IEN	IEDLSQDESPPVSRVINQI	189	
NTDB id 1110	NGFG RS09235 WP 003689817.1	VIVEDDQ	LAGLLDWVGS	RSTSL..LQEL	EGQEEESHT.....LYIDNEEA	EDGPVPRFIHKT	179
NTDB id 1058	ABD1 RS01615 WP 001274986.1	VIVEHHK	LEKVLGQHFA	EESSFDNFDEEFDLDVNLD	GPATQ.....EDEE	EAPQGEAPIVKYINKL	193
NTDB id 1018	ACIAD RS01685 WP 004920473.1	IIVEHDK	LERLLSEHFVEETHFNFDTEEL	DLDV	EVDPHTTD.....DDDE	DDKLKDEAPIVKYINKL	193
NTDB id 224994	B6V88 RS06445 WP 045099173.1	VVVETDK	LRLKIDRVMNKKENQHLLD	YLDNSV	QLENITPV.....NTDF....	AFTTHNNEAPVVNFVNQI	194
NTDB id 1251	GC085 RS07725 WP 011946523.1	IVVETDK	LISALIDNLLTAKESQGLSE	YVEDSG	DLEGLAIS.....ADDEDQ	DIDTATSVTDDAPIVKFVNKI	198
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NTDB id 1410	SGL RS13950 WP 010873519.1	LAKALQEGTSDIHVEPQEETLRIRFRKDGVLNQAFDPLPRKITPAVVVARFKIMADMDIAERRSPQDGKIRRIYQ..GRKV	318
NTDB id 1168	A1552VC RS11070 WP 000957200.1	LLDAVRKGASDIHFEPYENQYRIRLRCDGILVETQQP.ASHLSRRLAARIKILSKLDIAERRLPQDGRIKLRLSR.DTAI	267
NTDB id 1293	VP RS12240 WP 005479695.1	LLDAVRKGASDIHFEPYEKMYRVRLRCDGILVETQQP.PNHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNQ.DTAI	267
NTDB id 1401	DSB67 RS12665 WP 010643259.1	LLDAVRKGASDIHFEPYENMYRVRLRCDGILVETQQP.PSHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNQ.DTAI	267
NTDB id 1110	NGFG RS09235 WP 003689817.1	LSDALRSGASDIHFEFYEHNARIRFRVVGQLREVVQP.PIAVRGQLASRIKIVMSRLDISEKRIPQDGRMQLTFQKGGKPV	258
NTDB id 1058	ABD1 RS01615 WP 001274986.1	LIDAIRMGASDLHFEPYEKSYRVYRVVDGVLRLQIANP.PLQLANRLASRLKVMQMDISEKRVLPQDGRIKLKLSK.SKAI	271
NTDB id 1018	ACIAD RS01685 WP 004920473.1	LIDAIRMSASDLHFEPYEKSYRVYRVVDGVLRLIATP.PLQLATRLASRLKVMQMDISEKRVLPQDGRIKLKMSK.SKTI	271
NTDB id 224994	B6V88 RS06445 WP 045099173.1	LISAINNGASDVHFEPYEQAYRIRYRQDGLLTEVTD.PRHLNSNQISTRIKVLANLDISERRMPQDGQFQIKLSS.HHTV	272
NTDB id 1251	GC085 RS07725 WP 011946523.1	LLDAIRNKGASDIHFEPYEREYRIRYRQDGLLHEVATP.PASLSSRITARIKIVMSNLDISERRIPQDGGFQKMKISK.SRAI	276
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
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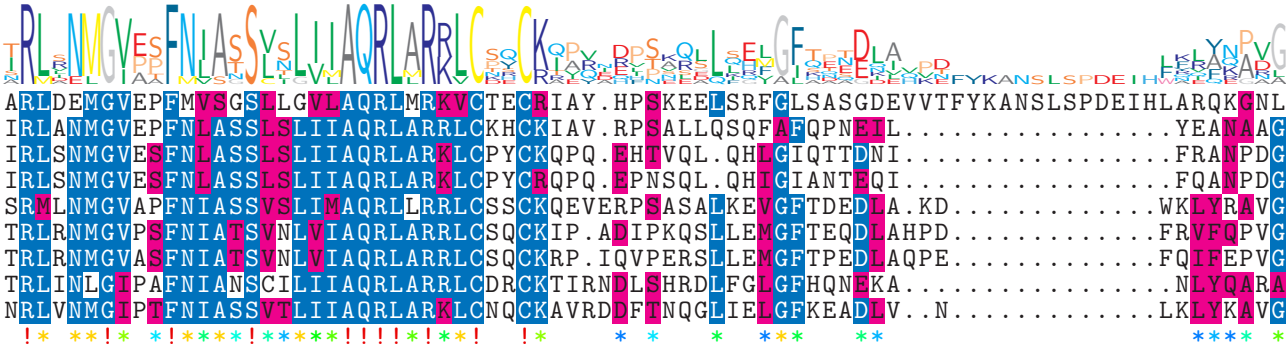
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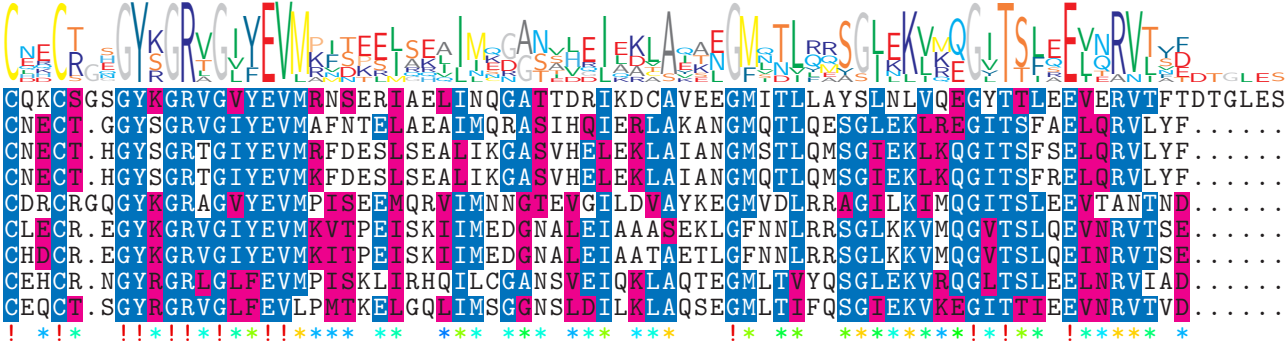
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NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1251 GC085 RS07725 WP 011946523.1
consensus



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NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1168 A1552VC RS11070 WP 000957200.1		562
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NTDB id 224994 B6V88 RS06445 WP 045099173.1		568
NTDB id 1251 GC085 RS07725 WP 011946523.1		574
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved