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NTDB id 1323 RAOC RS07335 WP 004916218.1	.MLVKKVYGS ¹ AIHGVSAQT ² ITIEVNV ³ DQGV ⁴ .GYHLVGLP ⁵ DNA ⁶ IKESSHR ⁷ ISAALKNVGY ⁸ KLP ⁹ GKKIT ¹⁰ INMAPADLR ¹¹ KEGSA ¹²	78
NTDB id 381795 FYA50 RS13255 WP 010928622.1	MTLAVL ¹ ASRAIAG ² GWQAPAVRVETH ³ LGSGLP ⁴ AFATVGLPD ⁵ VEVRESR ⁶ ERVRAAIQNSG ⁷ FDFPPGRIT ⁸ VNLSPADLP ⁹ KASAR ¹⁰	80
NTDB id 1271 LPP RS03220 WP 011213198.1	MSLAFTTK ¹ TRSTIG ² IVAQPVSV ³ EVHLSNGLPS ⁴ FTMVGLAETAVKESK ⁵ DRVRS ⁶ AIINSQ ⁷ FEPCKR ⁸ ITVNLGPANLP ⁹ KTGSG ¹⁰	80
NTDB id 1248 GC085 RS03150 WP 011213198.1	MSLAFTTK ¹ TRSTIG ² IVAQPVSV ³ EVHLSNGLPS ⁴ FTMVGLAETAVKESK ⁵ DRVRS ⁶ AIINSQ ⁷ FEPCKR ⁸ ITVNLGPANLP ⁹ KTGSG ¹⁰	80
NTDB id 1397 DSB67 RS15690 WP 005535577.1	MGLAII ¹ HSRASVGVQAPS ² VSVEVHIS ³ NGMPGFTLVGLPETTVKESK ⁴ DRVRS ⁵ AIVNSNFQ ⁶ FPAKRIT ⁷ VNLAPADLP ⁸ KEGCR ⁹	80
NTDB id 1153 A1552VC RS00115 WP 000521788.1	MGLAII ¹ HSRASIGVQAPPVTV ² EVHIS ³ NGMPGFTLVGLPETTVKESR ⁴ DRVRS ⁵ AIINSR ⁶ FEP ⁷ PAKRIT ⁸ VNLAPADLP ⁹ KEGCR ¹⁰	80
NTDB id 1387 A4U84 RS06900 WP 020457569.1	MSLAII ¹ YSRASIGVEAPLVTV ² IEVHIS ³ GGSPGLTLVGLPEKS ⁴ VKEAQ ⁵ DRVRSALMNANFD ⁶ YPARRIT ⁷ INLAPADLP ⁸ KEGCR ⁹	80
NTDB id 1349 HI 1117 AAC22771.1	MSLAIV ¹ YSRASMGVQAPLVTV ² IEVHLSN ³ GKPGFTLVGLPEKT ⁴ VKEAQ ⁵ DRVRSALMNAQ ⁶ FKYPAKRIT ⁷ VNLAPADLP ⁸ KEGCR ⁹	80
consensus	***!*** *****!*!* *****!*****!*****!!!!** *****!*****!*****!*****!*****!*****!*****	

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NTDB id 1323 RAOC RS07335 WP 004916218.1	YDLSIALGILAASGQIIAPE.....IERYLIMGELS ¹ LDGG ² LQPIK ³ GVLP ⁴ IAIRA ⁵ .REEGF ⁶ KGITL ⁷ PKQNTREAA ⁸ IVNDLE ⁹	152
NTDB id 381795 FYA50 RS13255 WP 010928622.1	FDLPIALGIL ¹ LASGQVAASAAQTAALPDCV ² WAAEL ³ SLSGALVPLA ⁴ APLALALAVAREQ ⁵ PGATLVLPAGSA ⁶ AAVA ⁷ AWVPGIR ⁸	160
NTDB id 1271 LPP RS03220 WP 011213198.1	FDLPIALGILAASEQIPLTN.....LANHEF ¹ IGELALS ² GELRGVSA ³ IIPAVLAA ⁴ ..HKDNQHL ⁵ ITANANAAEASLT ⁶ GHQK ⁷	153
NTDB id 1248 GC085 RS03150 WP 011213198.1	FDLPIALGILAASEQIPLTN.....LANHEF ¹ IGELALS ² GELRGVSA ³ IIPAVLAA ⁴ ..HKDNQHL ⁵ ITANANAAEASLT ⁶ GHQK ⁷	153
NTDB id 1397 DSB67 RS15690 WP 005535577.1	FDLPIALGILAASEQIATDK.....LKNYEF ¹ VGELALS ² GGLRTVKG ³ VLPAAALAA ⁴ ..NKKQ ⁵ RHLVVP ⁶ HANGDQAALV ⁷ GKEQ ⁸	153
NTDB id 1153 A1552VC RS00115 WP 000521788.1	FDLPIALGILAASDQIARNK.....LESYEF ¹ IGELALS ² GELRGVKG ³ VLPAAALAA ⁴ ..NQVER ⁵ CLVVP ⁶ HSNGDQAALV ⁷ GVER ⁸	153
NTDB id 1387 A4U84 RS06900 WP 020457569.1	FDLPIALGILAASGQIDSDK.....LKRIE ¹ LLGELSL ² TGHLRGV ³ HGAIPAVLAA ⁴ ..SKAKRE ⁵ IIVPQ ⁶ QNANEV ⁷ SLVSNTQ ⁸	153
NTDB id 1349 HI 1117 AAC22771.1	FDLPIALGILAASDQIDASH.....LKQF ¹ EFV ² AEALAT ³ GQLRGV ⁴ HGVIPAILAA ⁵ ..QKSK ⁶ RELIT ⁷ AKQ ⁸ NANEAS ⁹ SLVSDQN ¹⁰	153
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NTDB id 1323 RAOC RS07335 WP 004916218.1	VYGVENI ¹ KEVID ² FFNENC ³ PLEPTKVNTREEF ⁴ KRVNLP ⁵ FPDF ⁶ SEVKG ⁷ QETAKRAME ⁸ VAAAG ⁹ GHNI ¹⁰ ILIGPPG ¹¹ SGKTM ¹² LAQ ¹³	232
NTDB id 381795 FYA50 RS13255 WP 010928622.1	VLAH ¹ ITLGE ² AAAYLAGHAELAPAERRSWP.....EVEPGPCLSD ³ VRGQPAARRALE ⁴ VAAAG ⁵ GHSLLMCGPPG ⁶ AGK ⁷ SMLAQ ⁸	235
NTDB id 1271 LPP RS03220 WP 011213198.1	VFTANNLREVC ¹ DYLCQGTSLQSLPPK ² PDL....LLNNYEL ³ DWSDIK ⁴ GQQA ⁵ KNAMVIAACGG ⁶ HSILLSCAP ⁷ GS ⁸ GKTMMAK ⁹	229
NTDB id 1248 GC085 RS03150 WP 011213198.1	VFTANNLREVC ¹ DYLCQGTSLQSLPPK ² PDL....LLNNYEL ³ DWSDIK ⁴ GQQA ⁵ KNAMVIAACGG ⁶ HSILLSCAP ⁷ GS ⁸ GKTMMAK ⁹	229
NTDB id 1397 DSB67 RS15690 WP 005535577.1	HKSAQSLLEVCAELCGQHQLNLYQT ¹ PKKK....ELKAHGR ² DLQDIIG ³ QQQ ⁴ GKRALEIAAAG ⁵ NHNL ⁶ FLGPPG ⁷ TGKTM ⁸ LAS ⁹	229
NTDB id 1153 A1552VC RS00115 WP 000521788.1	HKSAQSLLEVCA ¹ DLCGQTL ² SLFQSSPSV....QQVSQ ³ TRDLQDIIG ⁴ QQQ ⁵ GKRALEIAAAG ⁶ NHNL ⁷ FLGPPG ⁸ TGKTM ⁹ LAS ¹⁰	229
NTDB id 1387 A4U84 RS06900 WP 020457569.1	TYCASTLLQV ¹ VN ² FLNNRDQLPIAQ ³ QLSQNIAEN.RPLVSR ⁴ DLTDIIG ⁵ QQHAKRALIIAAS ⁶ GQHNL ⁷ FLGPPG ⁸ TGKTM ⁹ LAS ¹⁰	232
NTDB id 1349 HI 1117 AAC22771.1	TYFAQTLLD ¹ VVQ ² FLNGQEK ³ LPLATEIVKESAVN ⁴ FSGKNTL ⁵ DLTDIIG ⁶ QQHAKRALTIAAAG ⁷ QHNL ⁸ FLGPPG ⁹ TGKTM ¹⁰ LAS ¹¹	233
consensus	* ***** ** ** ! ***** !*! ***** *!!!! !***** !!!!!!!*!!!!	

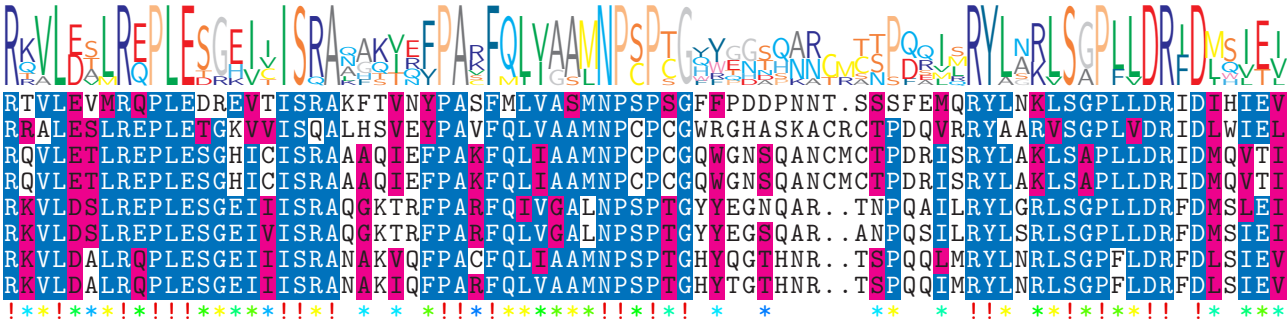
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NTDB id 1323 RAOC RS07335 WP 004916218.1	RIPSLP ¹ PLTLKEA ² LETTK ³ IHSVAGK ⁴ MAETSLMTIRPFR ⁵ SPHHTISD ⁶ VALVGGGSYPQ ⁷ PGEISLAHNGV ⁸ FLD ⁹ EMPEFK ¹⁰	312
NTDB id 381795 FYA50 RS13255 WP 010928622.1	RLPGLLP ¹ LEQRQA ² LEVAAIAGAGGAPEV...LRGPPFRAPHHSASAAALVGGGAR ³ PPGEISLAHNGV ⁴ FLD ⁵ ELPEFE ⁶	312
NTDB id 1271 LPP RS03220 WP 011213198.1	RFSTLLPELSETQA ¹ LECAAAINSIRGKLPD.FREW ² RLPPFRAPHHTASPV ³ ALVGGGNPPK ⁴ PGEISLAHNGV ⁵ FLD ⁶ ELPEFN ⁷	308
NTDB id 1248 GC085 RS03150 WP 011213198.1	RFSTLLPELSETQA ¹ LECAAAINSIRGKLPD.FREW ² RLPPFRAPHHTASPV ³ ALVGGGNPPK ⁴ PGEISLAHNGV ⁵ FLD ⁶ ELPEFN ⁷	308
NTDB id 1397 DSB67 RS15690 WP 005535577.1	RLCDLLPEMSDEEAMETASV ¹ ASLTQSEIN.EHNW ² KTRPFRAPHHSSSMAALVGGGSV ³ PRPGEISLAHNG ⁴ LLFLD ⁵ EMPEFD ⁶	308
NTDB id 1153 A1552VC RS00115 WP 000521788.1	RLCDLLPEMSDEEAMETASIASLTQ ¹ QEIN.QHNW ² KLRPFRAPHHSSSMAALVGGGTIP ³ RPGEISLAHNG ⁴ LLFLD ⁵ EMPEFE ⁶	308
NTDB id 1387 A4U84 RS06900 WP 020457569.1	RLADLLPEMEDDEAIETASV ¹ SLVQNELN.FQNW ² KKRPF ³ PHHSASMAALVGGGSIP ⁴ KPGEISLAHNGV ⁵ FLD ⁶ ELPEFE ⁷	311
NTDB id 1349 HI 1117 AAC22771.1	RLTGLLPEMTDLEAIETASV ¹ SLVQNELN.FHNW ² KQRPFRAPHHSASMPALVGGGTIP ³ KPGEISLAHNGV ⁴ FLD ⁵ ELPEFE ⁶	312
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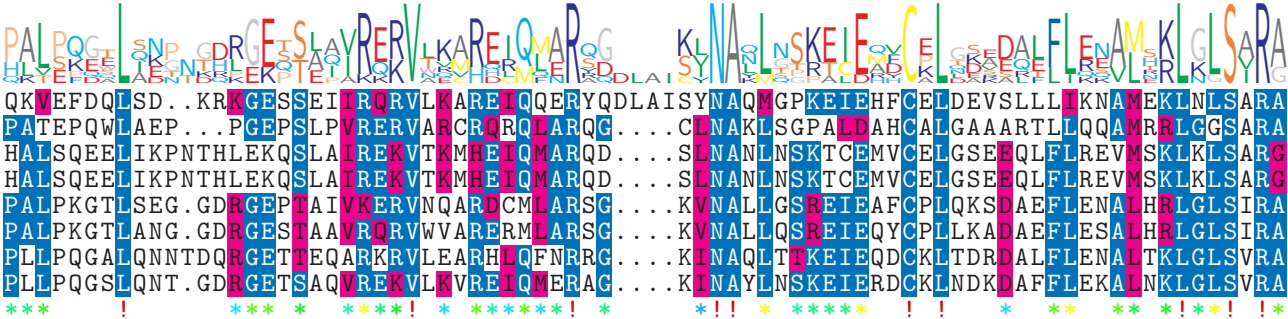


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consensus



510
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☒ non conserved
☒ similar
☒ ≥ 50% conserved