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NTDB id 1323 RAOC RS07335 WP 004916218.1	.MLVKKVYGS ^{AI} HGVSAQT ^{IT} IEVNVDQGV ^{.GY} HLVGLPDNA ^{IK} ESSHRI ^{SA} ALKNVGY ^{KL} PGKKIT ^{IN} MAPADLRKEGSA	78
NTDB id 1271 LPP RS03220 WP 011213198.1	MSLAFTTK ^{TR} STIGIVAQP ^{VS} VEVHLSNGLPSFT ^{MT} VGLAETA ^{AV} KESK ^{DR} VRSAI ^{IN} SQFEFF ^{PC} RKITVNLGPAN ^{LP} KTGTSG	80
NTDB id 1248 GC085 RS03150 WP 011213198.1	MSLAFTTK ^{TR} STIGIVAQP ^{VS} VEVHLSNGLPSFT ^{MT} VGLAETA ^{AV} KESK ^{DR} VRSAI ^{IN} SQFEFF ^{PC} RKITVNLGPAN ^{LP} KTGTSG	80
NTDB id 1110999 ACOH25 RS02490 WP 331692353.1	MSLA ^{VV} SSRAIT ^{GM} SARPVTVEVHLANGLPGL ^{SL} VGLPD ^{TE} VKESR ^{ER} VRSA ^{LQ} NSRFE ^{FP} ARRITVNLAPAD ^{LP} KASGC	80
NTDB id 1153 A1552VC RS00115 WP 000521788.1	MGLA ^{II} HSRAS ^{IG} VQAPPVTVEVH ^{IS} NGMPGFTLVGLPET ^{TV} KESR ^{DR} VRSA ^{IN} SRFE ^{FP} AKRITVNLAPAD ^{LP} KEGGR	80
NTDB id 1397 DSB67 RS15690 WP 005535577.1	MGLA ^{II} HSRAS ^{VG} VQAPSV ^{VS} EVH ^{IS} NGMPGFTLVGLPET ^{TV} KESK ^{DR} VRSA ^{IV} NSNF ^{QF} PAKRITVNLAPAD ^{LP} KEGGR	80
NTDB id 1349 HI 1117 AAC22771.1	MSLA ^{IV} YSRAS ^{MG} VQAPLVT ^{IE} VHLSN ^{GK} PGFTLVGLPEKT ^{VK} EAQ ^{DR} VRSA ^{LM} NAQ ^{FK} YPAKRITVNLAPAD ^{LP} KEGGR	80
NTDB id 1387 A4U84 RS06900 WP 020457569.1	MSLA ^{II} YSRAS ^{IG} VEAPLVT ^{IE} VHLS ^{GG} SPGLTLVGLPEKS ^{VK} EAQ ^{DR} VRSA ^{LM} NAN ^{FD} YPARRIT ^{IN} LAPAD ^{LP} KEGGR	80
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NTDB id 1323 RAOC RS07335 WP 004916218.1	YDLSTALGILAASG ^{QII} IAPE ^{TER} YLIM ^{GE} LSLDGGLQ ^{PI} KGVLP ^{IA} .IRAREEGF ^{KG} TI ^{LP} KQNTREAA ^{IV} NDLEV ^{YG} VE	157
NTDB id 1271 LPP RS03220 WP 011213198.1	FDLPIALGILAASE ^{QI} PIPLTNLANHE ^{FI} GELALSGELRGVSA ^{II} IPA..VLA ^{AH} KDNQHL ^{II} ANANAAEAS ^{LT} GHQKVFTAN	158
NTDB id 1248 GC085 RS03150 WP 011213198.1	FDLPIALGILAASE ^{QI} PIPLTNLANHE ^{FI} GELALSGELRGVSA ^{II} IPA..VLA ^{AH} KDNQHL ^{II} ANANAAEAS ^{LT} GHQKVFTAN	158
NTDB id 1110999 ACOH25 RS02490 WP 331692353.1	FDLPIALGILAASG ^{QL} PEAG ^{LR} THEFAGEL ^{SL} TGELRPI ^{RG} GLAMASAMASE ^{PST} RALV ^{LP} PAGSAQEAALVEEATV ^{YG} AR	160
NTDB id 1153 A1552VC RS00115 WP 000521788.1	FDLPIALGILAASD ^{QI} ARNKLESY ^{EF} IGELALSGE ^{IR} GVKGVLPA..ALAANQ ^{VER} CLV ^{PH} SN ^{GD} QAALVG ^{VER} HKSAQ	158
NTDB id 1397 DSB67 RS15690 WP 005535577.1	FDLPIALGILAASE ^{QI} ATDKLK ^{NY} EFV ^{GE} LALSGGLR ^{TV} KGVLP ^{IA} ..ALAAN ^{KK} QRHL ^{VV} PHANGD ^{QA} ALVG ^{KE} QHKSAQ	158
NTDB id 1349 HI 1117 AAC22771.1	FDLPIA ^{IG} ILAASD ^{QL} DASH ^{LK} QF ^{EF} VAELAL ^{TG} QLRGVH ^{GV} IPA..ILA ^{AQ} KS ^{SK} REL ^{II} AKQ ^{NA} NEAS ^{LV} SDQNTY ^{FA} Q	158
NTDB id 1387 A4U84 RS06900 WP 020457569.1	FDLPIA ^{IG} ILAASG ^{QI} DSDK ^{LK} RI ^{EL} LGEL ^{SL} TGHLRGVH ^{GA} IPA..VLA ^{AS} KAKRE ^{TI} VP ^{QQ} NANEV ^{SL} VSNTQT ^{YC} AS	158
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NTDB id 1323 RAOC RS07335 WP 004916218.1	N ^{IK} KEVID ^{EF} FNENCP ^{LE} PTKVNTRE.....EFH ^{KR} VNLF ^{PF} DFSE ^{VK} GQET ^{AK} RAM ^{EV} AAAGGH	215
NTDB id 1271 LPP RS03220 WP 011213198.1	NLREVCD ^{YL} LCQGTSL ^{QS} LPKPDL.....LLN ^{NY} ELDW ^{SD} IKGQ ^{QH} AKN ^{AM} VIAACGGH	212
NTDB id 1248 GC085 RS03150 WP 011213198.1	NLREVCD ^{YL} LCQGTSL ^{QS} LPKPDL.....LLN ^{NY} ELDW ^{SD} IKGQ ^{QH} AKN ^{AM} VIAACGGH	212
NTDB id 1110999 ACOH25 RS02490 WP 331692353.1	ALL ^{DV} CAHLAAPDVAI ^{PL} PRAVVQGS ^{PN} DRAADIAGGEID ^{VAR} VRAPGATPPGSS ^{IA} DMID ^{IK} GQ ^{EH} AKRALE ^V AAAGGH	240
NTDB id 1153 A1552VC RS00115 WP 000521788.1	SLLEV ^{CA} DLCGQQT ^{TL} SLFQSSPSV.....QQV ^{SQ} TRD ^{LQ} DIIG ^{QQ} QKRALE ^{IA} AAAGNH	212
NTDB id 1397 DSB67 RS15690 WP 005535577.1	SLLEV ^{CA} ELCGQH ^{QL} NLYQTPKKK.....ELK ^{AH} GRD ^{LQ} DIIG ^{QQ} QKRALE ^{IA} AAAGNH	212
NTDB id 1349 HI 1117 AAC22771.1	TLL ^{DV} VQFLNGQEK ^{LL} PLATEIVKE.....SAV ^{NF} SGKNT ^{LD} LD ^{TI} IG ^{QQ} QAKRAL ^{TI} AAAGQH	216
NTDB id 1387 A4U84 RS06900 WP 020457569.1	TLL ^{QV} VN ^{FL} NNRD ^{QL} PIAQQLSQN.....IAEN ^R PLVSR ^{DL} TD ^{II} IG ^{QQ} QAKRAL ^{II} AA ^{SG} QH	215
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NTDB id 1323 RAOC RS07335 WP 004916218.1	N ^{II} LIGPPGSGKTM ^{LAK} RIPS ^{IL} PL ^{TL} LKEA ^{LE} TTK ^{HS} VAGKMG ^{AE} TS ^{SL} MTIR ^{PF} RS ^{PH} HTIS ^{DV} ALVGGG ^{SY} PQPGEI	295
NTDB id 1271 LPP RS03220 WP 011213198.1	SILLSGAPGSGKTM ^{MA} KRFST ^{LL} PELSET ^{QA} LECA ^{AI} NSIR ^{GK} LPDF ^{RE} WR ^{LP} PF ^{RA} PHHTAS ^{PV} ALVGGG ^{NP} KPGEI	291
NTDB id 1248 GC085 RS03150 WP 011213198.1	SILLSGAPGSGKTM ^{MA} KRFST ^{LL} PELSET ^{QA} LECA ^{AI} NSIR ^{GK} LPDF ^{RE} WR ^{LP} PF ^{RA} PHHTAS ^{PV} ALVGGG ^{NP} KPGEI	291
NTDB id 1110999 ACOH25 RS02490 WP 331692353.1	HLLLYGPPGTGK ^{SML} ATRLVGL ^{LL} PSLCK ^{SQ} AVEA ^{AT} LAS ^{SL} SAQG ^{FDM} RHWGR ^{RP} FRAP ^{PH} HTAS ^{AA} ALVGGG ST PRPGEI	319
NTDB id 1153 A1552VC RS00115 WP 000521788.1	NLLFLGPPGTGKTM ^{LA} SRLCD ^{LL} PEMS ^{DE} EAMETAS ^{IA} SLTQ ^{QE} .INQH ^{NW} KLR ^{PF} RA ^{PH} HSS ^{MA} ALVGGG ^{TI} PRPGEI	291
NTDB id 1397 DSB67 RS15690 WP 005535577.1	NLLFLGPPGTGKTM ^{LA} SRLCD ^{LL} PEMS ^{DE} EAMETAS ^{VA} SLTQ ^{SE} .INEH ^{NW} KTR ^{PF} RA ^{PH} HSS ^{MA} ALVGGG ^{SV} PRPGEI	291
NTDB id 1349 HI 1117 AAC22771.1	NLLFLGPPGTGKTM ^{LA} SRLTG ^{LL} PEMT ^{DL} EAIETAS ^{VT} SLVQ ^{NE} .LNFH ^{NW} KQR ^{PF} RA ^{PH} HSS ^{MA} ALVGGG ^{TI} PKPGEI	295
NTDB id 1387 A4U84 RS06900 WP 020457569.1	NLLFLGPPGTGKTM ^{LA} SRLAD ^{LL} PEM ^{ED} EAIETAS ^{VT} SLVQ ^{NE} .LNFQ ^{NW} KKR ^{PF} RS ^{PH} HS ^{AM} ALVGGG ^{SI} PKPGEI	294
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consensus



510
503
503
526
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507
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510

☒ non conserved
☒ similar
☒ ≥ 50% conserved