

NTDB id	1402 DSB67 RS12670 WP 010643257.1	..MKT.....IAPQLKNYRWKGINS SGKK.TSGNVLAMTEIEVVRERLDAQHTIKKKLKKGKSISFITK.ISHRVKGKDIT	70
NTDB id	1054194 BCV36 RS10845 WP 016794573.1	MSSKS.....KQSQ LKNYHWMKGINS SGKK.VSQGSLALTELEVREKLKEQHIIQIKKKIKKKSISITR.ITHRVKAKDIT	72
NTDB id	1169 A1552VC RS11075 WP 000648511.1	..MKAT.....QTLPLKNYRWKGINSNGKK.VSQQMLAISEIEVRDKLKDQHIQIKKKLKGSVSLLAR.LTHRVKSKDIT	71
NTDB id	1112 NGFG RS09215 WP 003689811.1	..MAKNGGFSLFAKKEKRIFEGRHSA S DKLVN GEVSAFTEE EARKKLAKRGIRPLQITRV....KTSSKRKITQEDIT	73
NTDB id	1113 AAA85695.1 219..1451()	..MAKNGGFSLFAKKEKRIFEGRHSA S DKLVN GEVSAFTEE EARKKLAKRGIRPLQITRV....KTSSKRKITQEDIT	73
NTDB id	1252 GCO85 RS07730 WP 011213805.1	..MDKN.....SPPLLTFFHYQGINKAGQK.MEGDIQARS LAIAKADLRKQGIVTNKV VKKRKPLFDR.KNKKITQADIT	70
NTDB id	1198 PSJM300 03950 AFN76868.1	..MAQK.....AIKNSVFTEGLDRQGA K.IKGELSGVSPALVKAQLRKQGINPTQKVRKKSISLFS..AGKKIKPMDIA	69
NTDB id	1016 ACIAD RS01680 WP 004920476.1	..MAAKK.....TQVMVPVFAYEGVD RKG I K.LKGELPARNMALAKVT LRKQGINTIRETKRKNIFEGLLKKVKPLDIA	72
NTDB id	1059 ABD1 RS01610 WP 000279215.1	..MAVKK.....AQMMPTFAYEGVD RKGVK.LKGELPAKNMALAKVT LRKQGVTVRNI REKRKNILEGLFKKKVVTTLDIT	72
consensus		*** * ** * *** ! * * * ! * ! * * * * * * * * * * * * * * * * *	

NTDB id	1402 DSB67 RS12670 WP 010643257.1	TFTRQLATMLMTGVPITVQALKLVSENHKKAEMKKSILMSVTRAIVEAGTPMSKAMRTASTHFDPLYTDLIATGEQSGNLSQV	150
NTDB id	1054194 BCV36 RS10845 WP 016794573.1	VLTFRQLATMLATGVPIVQAIIKLVS DNHRKAEMKKSILSHICKGVEAGTPIISKAMRTASRHFDLDLYTDLVATGELSGNLAQV	152
NTDB id	1169 A1552VC RS11075 WP 000648511.1	ILTFRQLATMLTTGVPIVQALKLVGD NHRKAEMKKSILAQTIKSVEAGTPLSKAMRTASAHFDTLYVDLVETGEMSGNLPEV	151
NTDB id	1112 NGFG RS09215 WP 003689811.1	VFTRQLSTMIAKGLPLMQAFEIVARGHG NPSMTEMLMEIRGGVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVLES	153
NTDB id	1113 AAA85695.1 219..1451()	VFTRQLSTMIAACGLPLMQAFEIVARHG NPSMTEMLMEIRGGVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVLES	153
NTDB id	1252 GCO85 RS07730 WP 011213805.1	VFSRQLATMIESGIPLVQAFDIVAKGQS NKRLKDLETIKHDITETGLTLAESLIKHPHYLFNELFCNLVDAGEKSGSLDIM	150
NTDB id	1198 PSJM300 Q3950 AFN76868.1	LFTFRQMATMMKAGVPLIQSFDIIGEG FDNPNMRKLVDDLKQEVAAGNSFASSLRKPKPYFDDLYCNLVDSGEQSGSLETL	149
NTDB id	1016 ACIAD RS01680 WP 004920476.1	IFTFRQLATMMKAGVPLVQAFEIVAEGLENP AMRDVVVLGLKNEVEGGNTIFAGALRKYPQYFDNFLFCSLIESGEQSGSLEIM	152
NTDB id	1059 ABD1 RS01610 WP 000279215.1	IFTFRQLATMMKAGVPLVQAFEIVAEGLENP AMREVVVLGIKGEVEGGSTFASALRKYPQHFDNFLFCSLVESGEQSGSALETM	152
consensus		***!!*!***** *!*!**** ** ****!!***** ** !!*!***** **	

NTDB id	1402 DSB67 RS12670 WP 010643257.1	FERLATYREKSEQLRRAKVIALIYPAMVVLVALGVSYLMLTRVIPEFEKMFTGFGADLPAAFTQMVLNLSAWTQNWGPFFIG	230
NTDB id	1054194 BCV36 RS10845 WP 016794573.1	FERLATYREKSEQLRRAKVVAKLIYPAMVVTVALTVSYLMLTMVIPEFESMFSGGFADLPWFQTQQVLDLSHWMQAAYSFYTA	232
NTDB id	1169 A1552VC RS11075 WP 000648511.1	FERLATYREKSEQLRRAKVIALIYPMSVVLVALGVSYLMLTMVIPEFESMFKGFGAELPWFQTQQVCLKSHDVFQAYSLWAF	231
NTDB id	1112 NGFG RS09215 WP 003689811.1	LDRKLAITYKEKTQAIRKKVKKTALTYPVSVIAVAIGLVFMVMIFVLPAPFKEVYANMGAEPLPTQTVMDSDFVSYGWMVL	233
NTDB id	1113 AAA85695.1 219..1451()	LDRKLAITYKEKTQAIRKKVKKTALTYPVSVIAVAIGLVFMVMIFVLPAPFKEVYANMGAEPLALTQTVMDSDFVSYGMVVL	233
NTDB id	1252 GCO85 RS07730 WP 011213805.1	LDRKVAITYKEKTEIRKKTKKKALTYPIAVMVVALLVTAGLLIYVVPQFESLFKGFAGADLPAMTRAIVITMSEFMQAYWYIIF	230
NTDB id	1198 PSJM300 03950 AFN76868.1	LDRVATYKEKTEALKAKIKKAMNYPIAVVLVAVIVTATILLIKVVPQFQDVVFANFGAELPAFTLMVIGLSEALQAWYVVIL	229
NTDB id	1016 ACIAD RS01680 WP 004920476.1	LDRVAITYKEKSELVKQKIKKAMKYPATVIVVAIVVTIILMVKKVVPVFKDLFTSFGADLPAAFTQLVNMNSNMWDYWFILI	232
NTDB id	1059 ABD1 RS01610 WP 000279215.1	LDRVVAITYKEKSELVKQKIKKAMKYPATVIVVAIVVTIILMVKKVVPVFKDLFASFGADLPAAFTQMVMNSMKWMQEYWFIMI	232
consensus		*****!?!?!!** ** !!****!* ?? !!!!!!!*??!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*	

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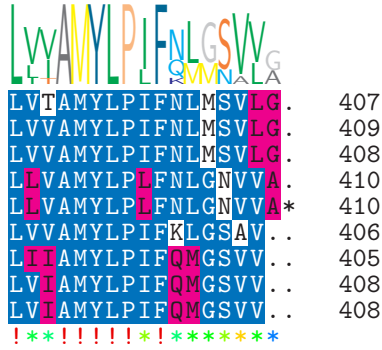
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NTDB id 1112 NGFG RS09215 WP 003689811.1
NTDB id 1113 AAA85695.1 219..1451()
NTDB id 1252 GC085 RS07730 WP 011213805.1
NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
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NTDB id 1402 DSB67 RS12670 WP 010643257.1
NTDB id 1054194 BCV36 RS10845 WP 016794573.1
NTDB id 1169 A1552VC RS11075 WP 000648511.1
NTDB id 1112 NGFG RS09215 WP 003689811.1
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NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus



☐ non conserved
☒ similar
☒ ≥ 50% conserved