

logo

NTDB id 1143 A1552VC RS01965 WP 001883436.1	MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT	80
NTDB id 374 SMU RS06885 WP 002262930.1	MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT	0
NTDB id 304168 HYN46 RS11200 WP 114899469.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	ALFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGFVRSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ	160
NTDB id 374 SMU RS06885 WP 002262930.1	ALFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGFVRSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ	0
NTDB id 304168 HYN46 RS11200 WP 114899469.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDFDDILLVDIDGNVVYSIYKYDNFGTNLLTGKYQ	240
NTDB id 374 SMU RS06885 WP 002262930.1	QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDFDDILLVDIDGNVVYSIYKYDNFGTNLLTGKYQ	0
NTDB id 304168 HYN46 RS11200 WP 114899469.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	DTNLGHTFKRLEQTVNEQRKTNEDFTPVVISDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLI AEGSSNPSM	320
NTDB id 374 SMU RS06885 WP 002262930.1	DTNLGHTFKRLEQTVNEQRKTNEDFTPVVISDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLI AEGSSNPSM	0
NTDB id 304168 HYN46 RS11200 WP 114899469.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	QTIILVGQDHRSTRLTSAEIAVEKSKAVVDLALSGKRAVGTYTNTDGEQIIAAYAPINLKNIH WALVVELPEKEAFARVRQ	400
NTDB id 374 SMU RS06885 WP 002262930.1	QTIILVGQDHRSTRLTSAEIAVEKSKAVVDLALSGKRAVGTYTNTDGEQIIAAYAPINLKNIH WALVVELPEKEAFARVRQ	0
NTDB id 304168 HYN46 RS11200 WP 114899469.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	LEKLFVFA ML TAIVLV VI ASHYLSNFITSPLLKLTWAAERVSAGDLDEAMINTERKDEIGRLAVSFERMQRSIREKISLI	480
NTDB id 374 SMU RS06885 WP 002262930.1	LEKLFVFA ML TAIVLV VI ASHYLSNFITSPLLKLTWAAERVSAGDLDEAMINTERKDEIGRLAVSFERMQRSIREKISLI	0
NTDB id 304168 HYN46 RS11200 WP 114899469.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	KSQNKEL ES NLLIIRKQ N DELQLANKLKDEFLATTSH EL RTPLHGMIGIAEALISGANGPISAAHKYQLDIISSGQRLA	560
NTDB id 374 SMU RS06885 WP 002262930.1	KSQNKEL ES NLLIIRKQ N DELQLANKLKDEFLATTSH EL RTPLHGMIGIAEALISGANGPISAAHKYQLDIISSGQRLA	0
NTDB id 304168 HYN46 RS11200 WP 114899469.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	TLVDDLLDYHK M RYGALDIQRC AV DLSSATRLVLELSHLLGKKTLRIINQVSE Q PVWVSADPQRLEQVLYNLIGNAIKY	640
NTDB id 374 SMU RS06885 WP 002262930.1	TLVDDLLDYHK M RYGALDIQRC AV DLSSATRLVLELSHLLGKKTLRIINQVSE Q PVWVSADPQRLEQVLYNLIGNAIKY	0
NTDB id 304168 HYN46 RS11200 WP 114899469.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	TSE G KIVISATYIDDKVRVQVVD T GQGIPA E QLEHIFEPLIQAGHDASRYRQ G AGLGLSISRQLIELMHGTLVSSQPMV	720
NTDB id 374 SMU RS06885 WP 002262930.1	TSE G KIVISATYIDDKVRVQVVD T GQGIPA E QLEHIFEPLIQAGHDASRYRQ G AGLGLSISRQLIELMHGTLVSSQPMV	0
NTDB id 304168 HYN46 RS11200 WP 114899469.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	GTTFSFTLPLASEEEEIAQARLT EL PHFQAPEVLDSELPEQSNL PE NEHG P LLVADDEPVNLRVLD S FLRLEGYRVHTAQ	800
NTDB id 374 SMU RS06885 WP 002262930.1	MKKILIVDDEKPI S DIKFNLAK E GYDTITAF	32
NTDB id 304168 HYN46 RS11200 WP 114899469.1	MEESFDGLKVMVIDDSKTIRRTAETLLQKAGCTVHTAV	38
NTDB id 1047 HON27 RS03110 WP 000389061.1	MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAV	38
NTDB id 1417 SGL RS04200 WP 014407071.1	MNAVLLVEDSSSQREMISGILKDHGWQVTIAC	32
consensus	 * * *****!*****! *!* * *!	

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	DGHEALSKIAEENPDLYELDIMMPRLDGYQVCALIKNLPYONYPYIMLSSKDSLFDVKGREVGGADYLTKEPFSKDEL	880
NTDB id 374 SMU RS06885 WP 002262930.1	DGHQVLEAIKREKPELVILDIMMPGMSGYQVCEKLRQTYDHAELPIIMLTALNQSDDRVRGFEGAGANDYLSKPFNKQELA	109
NTDB id 304168 HYN46 RS11200 WP 114899469.1	DGREALSKEYEENPDLTILDLMPELDGLEVAKEVRK...NSHVPIIMLSAKDSEFDKVIIGLEIGADDYVTKPFSNRELL	118
NTDB id 1047 HON27 RS03110 WP 000389061.1	DGFDALAKIADTRPDIIFVDIMMPRLDGYQACALIKNNPAYQKTPVIMLSSKDGLFDKAKGRIVGADDYLTKPFSKEELF	118
NTDB id 1417 SGL RS04200 WP 014407071.1	DGFEALS KIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQNTIPVIMLSSKDGLFDQAKGRVVGSD EYLT KPFSKDELL	112
consensus	!! **! ** * !*****!***!***!***!*** ** * !*!!***** *!* *! !*****!***** !!*	

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	ARIRQHLLRA SAIKALVYSTIYA ETVNNLVSRGENEERATAEANLQKELKHRAMVEASALETPETITTEDETA DIFLAKENE EFAEAAALPHLAPEQ	960
NTDB id 374 SMU RS06885 WP 002262930.1	ARIVAHLTASKAELRRIENAAQLQKELKHRAMVEASLLETQGRLLLEQLESAPEAILCVKEGNKVRFANEAAARLFRRTPEQ	175
NTDB id 304168 HYN46 RS11200 WP 114899469.1	ARVKAHLRRTENIESA VA EEN.....ASGIPEIIIGDLQILPDADFVAKKRGTEVELTHREFELLHHLATHT	130
NTDB id 1047 HON27 RS03110 WP 000389061.1	SAIRQHVVAGVA.....	127
NTDB id 1417 SGL RS04200 WP 014407071.1	NAIRNHVSS.....	121
consensus	GTIKQLLRN..... * *****	

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	LOXSTR EHLLE GKRYNAEELTEAPKFLNTEGEBCEGDRTV DVYVBRRYRokLSR LKRNSAEELIAPKFLNIEQEHCYGNI...DVYVDDVRQHLSADVLRLPQGSGLQAEYIFNRGYSVNAARIHNLETAVEAL	1037
NTDB id 374 SMU RS06885 WP 002262930.1	GQVMTREHLL E...TVWGYDYFGDVRTVDVTVRRLREKIED....TP....SRPEYILTRRGV.....	227
NTDB id 304168 HYN46 RS11200 WP 114899469.1	.....	130
NTDB id 1047 HON27 RS03110 WP 000389061.1		127
NTDB id 1417 SGL RS04200 WP 014407071.1		121
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	SSYAFEGDKDKLQKLKELGGEFTRLADKAS EYMKQDL SSYAFEGDKDKLQKLKELGGEFTRLADKASGEYQSKQDLMRAVLVEAMTSALNYWERVSGQSKFTFAEQSGLWRVYLD RS	1117
NTDB id 374 SMU RS06885 WP 002262930.1	GYMKSYD.....	235
NTDB id 304168 HYN46 RS11200 WP 114899469.1	.....	130
NTDB id 1047 HON27 RS03110 WP 000389061.1		127
NTDB id 1417 SGL RS04200 WP 014407071.1		121
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	TLQTRTLDKYLRIETLPKTPRWRTVLNLSLDYILEHCKEAGPERTHIEMQRDKLQKLLTSE	1177
NTDB id 374 SMU RS06885 WP 002262930.1	TLQTRTLDKYLRIETLPKTPRWRTVLNLSLDYILEHCKEAGPERTHIEMQRDKLQKLLTSE	235
NTDB id 304168 HYN46 RS11200 WP 114899469.1	.....	130
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	121
consensus		

 non conserved
 similar
 $\geq 50\%$ conserved