

logo

NTDB id 1143 A1552VC RS01965 WP 001883436.1	MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT	80
NTDB id 374 SMU RS06885 WP 002262930.1	MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 339068 E0087 RS15800 WP 128899996.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		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 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 339068 E0087 RS15800 WP 128899996.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		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 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 339068 E0087 RS15800 WP 128899996.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		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 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 339068 E0087 RS15800 WP 128899996.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		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 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 339068 E0087 RS15800 WP 128899996.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	LEKLFVFA ML TAIVLV VI ASHYLSNFITSPL LKLT WAAERVSAGDLDEAMINTERKDEIGRLAVSFERM QRS IREKISLI	480
NTDB id 374 SMU RS06885 WP 002262930.1	LEKLFVFA ML TAIVLV VI ASHYLSNFITSPL LKLT WAAERVSAGDLDEAMINTERKDEIGRLAVSFERM QRS IREKISLI	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 339068 E0087 RS15800 WP 128899996.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	KSQNKELESNLLIIRKQ NDEL QLANKLKDEFLATT SHEL RTPLHGMIGIAEALISGANGPISAAHKYQLDIIISSGQRLA	560
NTDB id 374 SMU RS06885 WP 002262930.1	KSQNKELESNLLIIRKQ NDEL QLANKLKDEFLATT SHEL RTPLHGMIGIAEALISGANGPISAAHKYQLDIIISSGQRLA	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 339068 E0087 RS15800 WP 128899996.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	TLVDDLLDYHK MRY GALDIQRC AVDL SSATRLVLELSHLLGKKTLRIINQVSE QPVV VSADPQRLEQVLYNLIGNAIKY	640
NTDB id 374 SMU RS06885 WP 002262930.1	TLVDDLLDYHK MRY GALDIQRC AVDL SSATRLVLELSHLLGKKTLRIINQVSE QPVV VSADPQRLEQVLYNLIGNAIKY	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 339068 E0087 RS15800 WP 128899996.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	TSE GK IVISATYIDDKVRVQVVD TG GGIPAEQLEHIFEPLIQAGHDASRYRQ GAGL GLSISRQLIELMHGTLVSSQPMV	720
NTDB id 374 SMU RS06885 WP 002262930.1	TSE GK IVISATYIDDKVRVQVVD TG GGIPAEQLEHIFEPLIQAGHDASRYRQ GAGL GLSISRQLIELMHGTLVSSQPMV	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 339068 E0087 RS15800 WP 128899996.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	GTTFSFTLPLASEEEEIAQARLT ELPH FQ AP EVLDSELPEQSNLPENEHG PL LLVADDEPVNLRVLD SF LRLEGYRVHTAQ	800
NTDB id 374 SMU RS06885 WP 002262930.1	MKKILIVDDEKPI SD IIKFNLAK EGYD TTITAF	32
NTDB id 1417 SGL RS04200 WP 014407071.1	MNAVLLVEDSSSQREMISGILKDHG WQ VTTIAC	32
NTDB id 339068 E0087 RS15800 WP 128899996.1	MVIDDSKTIRRTAETLLKKEG CD VLTAI	28
NTDB id 1047 HON27 RS03110 WP 000389061.1	MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAV	38
consensus	*****!*****!*****!*****!*****!	

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	DGHEALSKLSEENPDVLVDIMMPRLDGYQVCALIKNIPSTANYPYMLSSKDSLFDVRRREVGDYDLTKPFSSKDDEL	880
NTDB id 374 SMU RS06885 WP 002262930.1	DGHQVLEAIKREKPELVILDIMMPGMSGYQVCEKLRQTYDHAELPIIMLTALNQSDDRVRGFEAGANDYLSKPFNKQELA	109
NTDB id 1417 SGL RS04200 WP 014407071.1	DGREALSKEYEENPDLTILDLMPELDGLEVAKEVRK...NSHVPIIMLSAKDSEFDKVIIGLEIGADDYVTKPFSNRELL	112
NTDB id 339068 E0087 RS15800 WP 128899996.1	DGVEALEKIQNFSPDLVLDIVMPRMNGYEVCRRIKSDPKTKNVPVIMCSSKGEEFDRFWGMRQGADAYIAKPFQPMELV	108
NTDB id 1047 HON27 RS03110 WP 000389061.1	DGFEALAKISDQKPSIIFVDIMMPRLDGYQTCALIKNNPQFRATPVIMLSSKDGDFDKARGRIVGAEEQYLTKPFTRDDELL	118
consensus	!! **! ** * !*****!*****!*****!***** *** *!!!!***** *!* *! *!*****!!!!!!* !!!	

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	GRKALHTAAALRRVRSIKRNTVIRLRSALAEELRRIENQAEELKHRAMVEANALEIPETITTEDETAIDFLAKENEFAEAALPHLAPEQ	960
NTDB id 374 SMU RS06885 WP 002262930.1	ARIVAHLTASKAELRRIENASQLQKELKHRAMVEASLLETQGRLLLEQLESAPEAILCVKEGNKVRFANEAAARLFRRTPEQ	175
NTDB id 1417 SGL RS04200 WP 014407071.1	ARVKAHLRRTENI...ESAVAE...NASGIPEIIIGDLQILPDADFVAKKRGTEVELTHREFELLHHLATHT	121
NTDB id 339068 E0087 RS15800 WP 128899996.1	GTIKQLLRN.....	120
NTDB id 1047 HON27 RS03110 WP 000389061.1	GAIHRRHVTIVLGR.....	127
consensus	NAIRNHVSS.....	

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	LOXSTRHLEAPKFLNTEGEBCEBRTVDVYVRRYRQKLSRDLVRLTPQSGSLQAEYIFNRGYSVNAARIHNLETAVEAL	1037
NTDB id 374 SMU RS06885 WP 002262930.1	LKRSNAEELIAPKFLNIEQEHYCGNI...DVYVDDVRQHLSADVLRLPQSGSLQAMYIFNVGGSVNAARIHNLETAVEAL	227
NTDB id 1417 SGL RS04200 WP 014407071.1	GQVMTREHLE...TVWGYDYFGDVRTVDVTVRRLREKIED...TP...SRPEYILTRRGV.....	121
NTDB id 339068 E0087 RS15800 WP 128899996.1		120
NTDB id 1047 HON27 RS03110 WP 000389061.1		127
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	SSYAFEGDKDKLQKLKELGGEFTRLADKASGYSSYDLMAVLEAMTSALNYWERVSGQSKFTFAEQSGLWRVYLDERS	1117
NTDB id 374 SMU RS06885 WP 002262930.1	SSYAFEGDKDKLQKLKELGGEFTRLADKASGEYQSKQDLMAVLEAMTSALNYWERVSGQSKFTFAEQSGLWRVYLDERS	235
NTDB id 1417 SGL RS04200 WP 014407071.1	GYMKSYD.....	121
NTDB id 339068 E0087 RS15800 WP 128899996.1		120
NTDB id 1047 HON27 RS03110 WP 000389061.1		127
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	TLQTRTLQDKYLRIETLPKTPRWRVTVLSLDYILEHCKEAGPERTHIEMQRDKLQKLLTSE	1177
NTDB id 374 SMU RS06885 WP 002262930.1	TLQTRTLQDKYLRIETLPKTPRWRVTVLSLDYILEHCKEAGPERTHIEMQRDKLQKLLTSE	235
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	121
NTDB id 339068 E0087 RS15800 WP 128899996.1	.....	120
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
consensus	.....	

 non conserved
 similar
 $\geq 50\%$ conserved