

logo

NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTI ^{CD} KRLGAALLDAGLLTDEEL ^{QR} ALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRF ^{GI} PLVELHRVEIPPKVK	80
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1054653 BCU67 RS04345 WP 016790036.1		0
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQT ^{TK} SAFLYALAKHYPELGLPVPPPPSG	160
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1054653 BCU67 RS04345 WP 016790036.1		0
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
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NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELL ^{LQ} GWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGL ^{EF} LESTEGIVPDPSAALLL	240
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1054653 BCU67 RS04345 WP 016790036.1		0
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALPQAW ^{EEL} FRRAYPQKNRLGEVLVQEGKLSREAL	320
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1054653 BCU67 RS04345 WP 016790036.1		0
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

NTDB id 1028 TT RS08215 WP 011173991.1 KEALEVQKGLPRAKP LGEILVELGLARPEDVEEA LQKQRGGGRLED TLVQS GKLRPEA LAQAVATQLGYPYVDPEEDPP 400

NTDB id 1401 DSB67 RS12665 WP 010643259.1 MLTINLSTVL RQA GILTF SQEES LLEQVKASGISMPEALLSSGFFQSHELTEHLSSSVFGLSCTSLNQYEY 69

NTDB id 1293 VP RS12240 WP 005479695.1 MHSNLSLTILR QKG LLTFS QEES LIEQVKASGISMPEALLSSGFFTSSSELA EHLSSIFGLSQPELSQYEY 69

NTDB id 1054653 BCU67 RS04345 WP 016790036.1 MLTNLP T VLRQA GLSLAQEQAVA EQVQASGISMPEALLVLDFFGSDS LANNIKTI FGLPLVQLANDY 69

NTDB id 1168 A1552VC RS11070 WP 000957200.1 MLTINLVAILRQA ELISATQEQA VVTQVSASGT SVPEALLLSIFHAQDELTEQLSHIFGLPETDLNSRYDY 69

NTDB id 1110 NGFG RS09235 WP 003689817.1 MSVGLLRRLVQNQ VVTVEQAEHYY NESQAGKEVLPMLFSDGVISP KSLAAL IARVFSYSILD LRHYPR 68

NTDB id 1251 GC085 RS07725 WP 011946523.1 ...MALATEEYRLQGIGQL LVLEKLIDKTKAIEL HKLAA AEKIS ILQYIVKNKI LSAEQIALTA AQNFVGVPMLDINCIDV 77

NTDB id 1058 ABD1 RS01615 WP 001274986.1 ...MSALHTSPKFITGFRRLLVEEKHVSAATMQTALDAAKRAKQDTVAY LIEEVHLSPSL LAETTISA EFAPFYFDLDVYDT 77

NTDB id 1018 ACIAD RS01685 WP 004920473.1 ...MSAFITTPPKFSG FIRRLVEEGYVNAQM MQALEKAKFKFKQDI PVYLIDNFS ISPLTIAEII SLEFGEPLL DLGV FDP 77

consensus * * * * ! *

NTDB id 1028	TT RS08215 WP 011173991.1	DPGAPILLPEDLCRRYGVFPHRLEGNRLVLLMKDPRNILALDDVRLALKRKGLNVEVAPAVATEAAITKLTIERFYGKAEL	480
NTDB id 1401	DSB67 RS12665 WP 010643259.1	ASLCQTLGLRDLITRHNALPLNRTSSTLILAVADPTNLQAEDDFRFATG.....LQVELVLADFRELTAAIRRLYGRSLG	144
NTDB id 1293	VP RS12240 WP 005479695.1	ASLCQQLGLRELITRHNALPLHRTSPSTLLAVADPTNQQAEDDFRFATG.....LQVELVLADFRELSTAIRRLYGRSLG	144
NTDB id 1054653	BCU67 RS04345 WP 016790036.1	ETLCDQLGLRELITKYRAIPITAVSSSTLTLASADPTDLQAEDDFRFATG.....LQIELVAVANYSELEGAIRKLYGRSIS	144
NTDB id 1168	A1552VC RS11070 WP 000957200.1	ANLCQQLGLRELITRYDALPIAKQGNLLLAVSDPTLLQAEEDDFRFATG.....LQVELALADHRAQLAAIRRLYGRSIQ	144
NTDB id 1110	NGFG RS09235 WP 003689817.1	HRVLMGVITEEQMVEFHCVPVFRRGDKVFFAVSDPTQMPQIQKTVSAAG.....LAVELVIVEDDQLAGLLDWVGRSST	143
NTDB id 1251	GC085 RS07725 WP 011946523.1	GTIPVNLVNEKLIKRRHAMVPLFSRGTNLYLATDDPSKQASLKEIQFHTG.....LNTHALIVVETDKLSALIDNLLTAKES	152
NTDB id 1058	ABD1 RS01615 WP 001274986.1	SQPKDLVDQKLILKHRILPLIQRGQILYVATSNPSNIEAIDAIRFNSK.....LLVEPVIVEHHKLEKVLGQHFAEES	152
NTDB id 1018	ACIAD RS01685 WP 004920473.1	ALFLKDKIDEKLIKQYRIMPLVHRGHVLYVATSNPTNIEAMDARFNSK.....LKVEPTIVEHDKLERLLSEHFVEETH	152
consensus		* * * * *	

NTDB id 1028	TT RS08215 WP 011173991.1	SEIAKEF.....AKKQAE E EVPSPL L ELDESAAQKFVKQVIREAFLQDASDIHI EPR NDVQVRLRI DG ALRP	547
NTDB id 1401	DSB67 RS12665 WP 010643259.1	QEKSGLKFEINQD..ELAGLVDIGED E IENIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYENMYRVRLRC DG ILIE	222
NTDB id 1293	VP RS12240 WP 005479695.1	HEKSGLKFEINQE..ELASLV D VGADEIDNIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYEKM YR VLRC DG ILIE	222
NTDB id 1054653	BCU67 RS04345 WP 016790036.1	GQDSKRKEITQD..ELANLVKVS D DELTSIEDLSQDDSPVSRFINQILLDAVRKGASDIHFEPYEEH YR VLRLC DG ILVE	222
NTDB id 1168	A1552VC RS11070 WP 000957200.1	GAANQGKFEISQD..ELANLVKVS D DELQSIEDLSQDDSPVSRFINQIVLLDAVRKGASDIHFEPYENQ YR IRLRC DG ILVE	222
NTDB id 1110	NGFG RS09235 WP 003689817.1	L...LQEL.....GEGQEEEESHTLYIDNEEAEDGPVPRFIHKTLSDALRS GASDIHF FYEHNARIRFRV DG QLRE	212
NTDB id 1251	GC085 RS07725 WP 011946523.1	QGLSEYVEDSGDLEGLEISADDEDQDIDTATSVTDAPIVKFNKILLDAIRQ GASDIHF EPYEREYRIRYRQ DG ILHE	231
NTDB id 1058	ABD1 RS01615 WP 001274986.1	FDNFDE...EFD...LDVNLDGPTAQEDEEFAPQGD E APIVKYINKLLIDAIRM GASDLHF EPYEKS YR VRYRV DG VLRL	226
NTDB id 1018	ACIAD RS01685 WP 004920473.1	FNFDTE...ELD...LDVEVDPHTTDDDD EDDK LKLE D APIVKYINKLLIDAIRMSASDLHFEPYEKS YR VRYRV DG VLRL	226
consensus		* * * * *	

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consensus

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 non conserved
 similar
 $\geq 50\%$ conserved