

logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1	MSXLSITGDRRLGAALLDAGYLDDNSLQRALERHSEVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVK	0
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVK	80
NTDB id 1306 DR RS10060 WP 027479822.1	.MALSIGDRLRGAILLDQGYLGNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1410 SGL RS13950 WP 010873519.1	.....	0
NTDB id 1111011 ACOH25 RS23530 WP 331693087.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	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
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NTDB id 1384 A4U84 RS08525 WP 010787006.1	RETFSEKAKELRAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	0
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1306 DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
NTDB id 1410 SGL RS13950 WP 010873519.1	.....	0
NTDB id 1111011 ACOH25 RS23530 WP 331693087.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	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 1384 A4U84 RS08525 WP 010787006.1	SDAGSGSGKLGERLTHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	0
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1028 TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
NTDB id 1306 DR RS10060 WP 027479822.1	SDAGRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1410 SGL RS13950 WP 010873519.1	.....	0
NTDB id 1111011 ACOH25 RS23530 WP 331693087.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	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 1384 A4U84 RS08525 WP 010787006.1		0
NTDB id 1366 NTHI RS01950 WP 011271972.1		0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
NTDB id 1306 DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQGVTVLTS DPRKRDPIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLGEQLVQEGTLSR	317
NTDB id 1410 SGL RS13950 WP 010873519.1	MTS	3
NTDB id 1111011 ACOH25 RS23530 WP 331693087.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	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 1384 A4U84 RS08525 WP 010787006.1	MSQY.....TI.....	6
NTDB id 1366 NTHI RS01950 WP 011271972.1	MTSY.....ALLHTQ	10
NTDB id 1355 HI 0298 AAC21962.1	MTSY.....ALLHTQ	10
NTDB id 1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGEITVELGLARPEDVEEALQKQRRGGGRLEDTLVQS..GKLRPEALAAQA.....VATQL	388
NTDB id 1306 DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGEVITELGFASPDEVDSALQKQNVGGGRLEDTLVQS..GKLSPEMLARS.....LAAQL	388
NTDB id 1410 SGL RS13950 WP 010873519.1	SSSSKKSRAVALRNYFSPFGNKLIVAGGHVDAEQLRQALVQVKKTGRSLPEELKAVTGRELSPELIRQYKKNQLFELKVLY	83
NTDB id 1111011 ACOH25 RS23530 WP 331693087.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVAIIRQAELISATQEQAVVTQVSASGTSVPEALLLEL..SIFHAQELTEQ.....LSHIF	57
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSTILRQKGLITFSQEESLIEQVKASGISMPEALLSS..GFFTSSSELAEH.....LSSIF	57
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILITFSQEESLIEQVKASGISMPEALLSS..GFFQSHELTEH.....LSSVF	57
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQAEHY..NESQAGKEVLPLMFS..GVISPKSLAAL.....IARVF	56
NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQIALT.....AAQNF	65
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MSALHTSPKFTGFFRRLVEEKHVSAATMQTALDAAKRAKQDVTAVLIEE..VHLSPSLLAET.....ISAEF	65
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDIVPYLIDN..FSISPLTLAEI.....ISLEF	65
consensus	*.....*	

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NTDB id 1384 A4U84 RS08525 WP 010787006.1	..CEQQTERIFDISPSR...WQKNCEEKQLLLRYLAVPVQETE...HKLWLAVDDENNLTACEIFA...FMTHK..QIEPV	74
NTDB id 1366 NTHI RS01950 WP 011271972.1	RVTAQNGEIFTISPDL...WERNQQQQSLLLRYFALPLKEEN...NRLWLGVDSLSNLSACETIA...FITGK..PVEPI	79
NTDB id 1355 HI 0298 AAC21962.1	RVTAKNGEVFTISPDL...WERNQQQQSLLLRYFALPLKEEN...NRLWLGVDSLSNLSACETIA...FITGK..PVEPI	79
NTDB id 1028 TT RS08215 WP 011173991.1	GYPYVDPEEDPPDP....GAPLLLPEDLCRRYGVFPHRLEG...NRLVLLMKDPRNIALDLDVRLALKRKGILNYEVAPA	460
NTDB id 1306 DR RS10060 WP 027479822.1	GYEFLDPIQNPPDP....KVALMPEATARRVVPVRLQG...NSLVAMKDPNRNVFALDDKLITG....KETLPA	455
NTDB id 1410 SGL RS13950 WP 010873519.1	GVDSVDPEVAPIATQMAELIGRFFPLDTCRFRKFLPLAQQEGDPSPSVLVAMVDPDNLAQQDELNRILRVKGF..ELRRL	161
NTDB id 1111011 ACOH25 RS23530 WP 331693087.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	GLPETDLSRYDYAN....LCQQQLGLRELITRYDALPIAKQG...NLALLAVSDPTLLQAEFEFR...FATGL..QVELA	124
NTDB id 1293 VP RS12240 WP 005479695.1	GLSQPELSQY EYAS....LCQQQLGLRELITRHNALPLHRT...STLLAVADPTNQAEDDFR...FATGL..QVELV	124
NTDB id 1401 DSB67 RS12665 WP 010643259.1	GLSCTSLNQY EYAS....LCQTLGLRLITRHNALPLNRTS...STLLAVADPTNQAEDDFR...FATGL..QVELV	124
NTDB id 1110 NGFG RS09235 WP 003689817.1	SYSILDLRHYPRHR....VLMGVLTEEQMVFEHCVPVFRRG...DKVFFAVSDPTQMPQIQKTV...SAAGI..AVELV	123
NTDB id 1251 GC085 RS07725 WP 011946523.1	GVPMLDINCIDVGT....IPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDPSKQASLKEITQ...FHTGL..NTHAI	132
NTDB id 1058 ABD1 RS01615 WP 001274986.1	AEPYFDLDVYDTSQ....IPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEAIDAIR...FNSKL..LVEPV	132
NTDB id 1018 ACIAD RS01685 WP 004920473.1	GEPLLDLGVFDPAL....FLKDKIDEKLIQKYRIMPLVHRG...HVLVYATSNPTNIEAMDIAIR...FNSKL..KVEPI	132
consensus	*.....*	

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NTDB id 1384 A4U84 RS08525 WP 010787006.1	EMRAKRKKSALTCTRTCAAELQQEWLDCPYCMTSRFS	461
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	464
NTDB id 1355 HI 0298 AAC21962.1	.....	464
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
NTDB id 1306 DR RS10060 WP 027479822.1	.....	887
NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKKSALTCTRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1111011 ACOH25 RS23530 WP 331693087.1	.....	389
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	558
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
consensus		

- ⓧ non conserved
- ⓧ similar
- ⓧ ≥ 50% conserved