

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSXLTIGDRRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	80
NTDB id 1306 DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQG YLGDN DLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNL LAVQPDPAAL	79
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 58574 NGK56 RS04290 WP 015572679.1	.....	0
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	RYTETAKELRAFPFALSEEGRVAHYBPLSTEEYEDSGHYEPYQTEREYAAAYHYPELGLLEYPSC	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1306 DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE..GDRRLVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
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 58574 NGK56 RS04290 WP 015572679.1	.....	0
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	S S SG S SS S KL G E E L L Y G Y I SS S L S Y A L S Q S T G S L G S T L Y S S S Y S E S L Y E X L A E Q S G S F L E S S E G Y P S S E S X	0
NTDB id 1028 TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
NTDB id 1306 DR RS10060 WP 027479822.1	SDAGRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
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 58574 NGK56 RS04290 WP 015572679.1	.....	0
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	E E L R S D A L R Y S A V P Y S E S S S S S E V E V Y S D P R S H E Y S S L Y S R P X S S M L T E P S S Y E E L S S Y P Q S R L G E X L V Q E G S S S S	3
NTDB id 1028 TT RS08215 WP 011173991.1	MTS	317
NTDB id 1306 DR RS10060 WP 027479822.1	LLLLRSDALRYGAVPIGFQNGEVEVVLS DPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
NTDB id 1384 A4U84 RS08525 WP 010787006.1	GSMLRADALRL LAVPVDETEQGVTVLTSDPRKRDPDIDALIGRPVQLMLTRPDIERLIEQFYPPQRGLGEQLVQEGTLSR	0
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 58574 NGK56 RS04290 WP 015572679.1	.....	0
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	0
consensus		

NTDB	id	1410	SGL RS13950 WP 010873519.1	SSSSKKSRVAALRNYFSPFGNKL	VAGGHVDAEQLRQALVQVKKTGRSL	PPEELKAVTGREL	LSPELLRQYKKNQLFEL	KVLV		83
NTDB	id	1028	TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGEIL	VELGLARPEDVEEALQKQRGGGRL	EDTLVQ..SGKLRPEALAQA.....	VATQL			388
NTDB	id	1306	DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGEV	TETLGFASPDEVDLSALQKQNVGGRL	EDTLVQ..SGKLSPEMLARS.....	LAAQL			388
NTDB	id	1384	A4U84 RS08525 WP 010787006.1	.....	.....	MSQ..YTI....CEQQ.....	TERIF			15
NTDB	id	1366	NTHI RS01950 WP 011271972.1	.....	.....	MTS..YALLHTQRVTQA.....	NGEIF			20
NTDB	id	1355	HI 0298 AAC21962.1	.....	.....	MTS..YALLHTQRVTAK.....	NGEV			20
NTDB	id	58574	NGK56 RS04290 WP 015572679.1	.....	.....	.....				0
NTDB	id	1436	BW25113 RS00530 WP 001025145.1	.....	.....	.....				0
NTDB	id	1168	A1552VC RS11070 WP 000957200.1	.....	MLTNLVAIL	LRQAE LISATQE QAVVTQVSASGTSV	PEALLE..LSIFHAQELTEQ.....	LSHIF		57
NTDB	id	1401	DSB67 RS12665 WP 010643259.1	.....	MLTNLSTVL	RQAGILTFSQEESLLEQVKASGISMP	EALLS..SGFFQSHEITEH.....	LSSVF		57
NTDB	id	1293	VP RS12240 WP 005479695.1	.....	MHSNLSTIL	RQKGLLTFSQEESLIEQVKASGISMP	EALLS..SGFFTSSSELAEH.....	LSSIF		57
NTDB	id	1110	NGFG RS09235 WP 003689817.1	.....	MSVGLLRL	LVQNQVVTV EQAEHY..NESQAGKEVLP	MLFS..DGVISPKS LAAL.....	LARV		56
NTDB	id	1251	GC085 RS07725 WP 011946523.1	.....	MALATEEYRLQGIGQL	LVLEKLLDKTKAIELHLKAAA EKISL	LQYIVK..NKILSAEQIALT.....	AAQN		65
NTDB	id	1018	ACIAD RS01685 WP 004920473.1	.....	MSAFTTPPKFSGFIRRL	VEEGYVNAQNM QQALEKAKKFQKD	IVPYLID..NFSLISPLTIAEI.....	ISLE		65
NTDB	id	1058	ABD1 RS01615 WP 001274986.1	.....	MSALHTSPKFTGFRRRL	VEEKHVSAATMQ TALDAAKR AKQDTVAY	LIE..EVHLSPSL LAET.....	ISAE		65
consensus				*		*		*		*

NTDB id 1410	SGL RS13950 WP 010873519.1	GVDSDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQQEGDPPSVLVAMVDPDNLAQDELNRILRVKGF..ELRR	161
NTDB id 1028	TT RS08215 WP 011173991.1	GYPYVDPEEDPPDP....GAPLLLPEDLCRRYGVFPHRLEG...NRLVLMLMKDPRNILALDDVRLALKRKGLNVEVAPA	460
NTDB id 1306	DR RS10060 WP 027479822.1	GYEFLDPIQNPPDP....KVALMIPEATARRVVVVPVRLQG...NSLVVAMKDPRNVFALDDLKLTITG....KEILPA	455
NTDB id 1384	A4U84 RS08525 WP 010787006.1	D.....ISPSR.....WQKNCEEKQLLLRYLAVPVQETE...HKLWLAVDDENNLTAECIFAFTMTH....KQIEPV	74
NTDB id 1366	NTHI RS01950 WP 011271972.1	T.....ISPDRL....WERNQQQQQLLLRYFALPLKEEN...NRLWLGVDSLNSLSACETIAFITG....KPVEPI	79
NTDB id 1355	HI 0298 AAC21962.1	T.....ISPDRL....WERNQQQQQLLLRYFALPLKEEN...NRLWLGVDSLNSLSACETIAFITG....KPVEPI	79
NTDB id 58574	NGK56 RS04290 WP 015572679.1	MNTQLMTLCQRHHALLLASDT...DMTISIAVVGNPASELMELALRFATQ....KRIDIE	52
NTDB id 1436	BW25113 RS00530 WP 001025145.1	MNIPQLTALCLRYHGVLLDASE...EVVHVAVVDAPSHELLDALHFATT....KRIFIT	52
NTDB id 1168	A1552VC RS11070 WP 000957200.1	GLPETDLRSYDYAN....LCQQLGLRELITRYDALPTAKQG...NLLLLAVSDPTLLQAEFEFRFATG....LQVELA	124
NTDB id 1401	DSB67 RS12665 WP 010643259.1	GLSCTSLNQYEYAS....LCQTLGLRLITRHNALPLNRGS...STLLILAVADPTNLQAEDDFRFATG....LQVELV	124
NTDB id 1293	VP RS12240 WP 005479695.1	GLSQPLLSQYEYAS....LCQQLGLRELITRHNALPLHRTPT...STLLILAVADPTNLQAEDDFRFATG....LQVELV	124
NTDB id 1110	NGFG RS09235 WP 003689817.1	SYSILDLRHYPRHR....VLMGVLTEEQMVFEHCVPVFRRG...DKVFFAVSDPTQMPQIQKTVSAAG....IAVELV	123
NTDB id 1251	GC085 RS07725 WP 011946523.1	GVPMLDINCIDVGT....IPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDPSKQASLKEIQFHTG....LNTHAI	132
NTDB id 1018	ACIAD RS01685 WP 004920473.1	GEPLLDLGVFDPAL....FLKDKIDEKLIQKYRIMPLVHRG...HVLVYVATSNPNTIEAMDAIRFNSK....LKVEPI	132
NTDB id 1058	ABD1 RS01615 WP 001274986.1	AEPYFDLDVYDTSQ....IPKDLVDQKLIKLRHILPLIQRG...QILYVATSNPNTIEAIDAIRFNSK....LLVEPV	132
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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1355 HI 0298 AAC21962.1
NTDB id 58574 NGK56 RS04290 WP 015572679.1
NTDB id 1436 BW25113 RS00530 WP 001025145.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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Sequence	Position
AKAIQEGTSDIHVEPQEETLRIRFRKDGVLNQAFDPLPRKITPAVVARFKIMADMDIAERRS PQDGGKIRRIYQ..GRKVD	319
REAF LQDASDIHIEPRQNDVQVRLRIDGALRPYS.TLPKGALNAVISVVKIMGGLNIAEKRLPQDGRVRYRE..GAIDVD	592
REAA LQDASDIHIETTEDAVKVRIRIDGALREQN.SFPKGAAQVIMARLKIMGHLDAIERRVPQDGRVRFKK..GSIDL	589
KFC LAQNASDIHIEPRKQKLIIRLRIDGVLHLYK.LSIIQIASRLISRIKLAKLDISELRQPQDGGQFSTTAL.DATLD	203
ESALQKNASDIHLET LADQFQVRFRIDGVLQPQP.LISKIFANRIISRLKLLAKLDISENRLPQDGRFQFKTTT.SDILD	208
ESALQKNASDIHLET LADQFQVRFRIDGVLQPQP.LISKIFANRIISRLKLLAKLDISENRLPQDGRFQFKTTT.SDILD	208
QQAVNQNASDIHIEPT EHG YQIRLRIDGVLYPQL.PISAAIGTTLAARLKVLGQLDAIERRLPQDGGFTVELA..SVPVS	164
QSALEQRASDIHIEPADNAYRIRLRIDGVLHPLP.DVSPDAGVALTARLKV LGNLDIAEHRLPQDGGFTVELA..GNAV	166
LD AVRKGASDIHIEFEPYENQYRIRLRCDGILVETQ.QPASHLSRRLAARIKILSKLDIAERRLPQDGRIKLRLS.DTAID	268
LD AVRKGASDIHIEFEPYENMYRVRRLRCDGILIEIQ.QPPSHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNQ.DTAID	268
LD AVRKGASDIHIEFEPYEKMYRVRRLRCDGIL IETQ.QPPNHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNQ.DTAID	268
SDALRSGASDIHIEF EYEHNARIRFRVDGQLREV.V.QPPIAVRGQLASRIKVM SRLDISEKRIPQDGRMQLTFQKGGKPV	259
LD AIRQGASDIHIEFEPYEREYRIRYRQDGILHEVA.TPPASLSSRITARIKVM SNLDISERRIPQDGGFKMISK.SRAID	277
IDAIRMSASDLHIEFEPYEKS YRVRYRVDGVLRLIA.TPPLQLATRLASRLKVM SQMDISEKRVPPQDGRIKLKMSK.SKTID	272
IDAIRMGASDLHIEFEPYEKS YRVRYRVDGVLRLQIA.NPPLQLANRLASRLKVM SQMDISEKRVPPQDGRIKLKLSK.SKAID	272

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1355 HI 0298 AAC21962.1
NTDB id 58574 NGK56 RS04290 WP 015572679.1
NTDB id 1436 BW25113 RS00530 WP 001025145.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
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NTDB id 1410 SGL RS13950 WP 010873519.1	RLDEMGEVPEFMYSGSLILGVLAQRLMRKVCTECRIAY.HPSKEELSRFGLSASGDEVVTFYKANSLSPEIHLARQKGNLC	558
NTDB id 1028 TT RS08215 WP 011173991.1	RLDEMGEVPEFNIISAALIGVLSQRLVRRVCHECKVEV.KPDPETLRRLLGLSEAEIQ.....GARLYKGMGC	816
NTDB id 1306 DR RS10060 WP 027479822.1	RLEEMGIENFNISAAMGVLAQRLVRRVCSECKQPT.NADPEVLRRLGISERDIR.....GANLMRGTTGC	813
NTDB id 1384 A4U84 RS08525 WP 010787006.1	RLQLGLGIQEYEIQNSLLLVIAQRLVRKLCCKCRGVG.....C	400
NTDB id 1366 NTHI RS01950 WP 011271972.1	RLQQLGLGIQHEIENSLLLVIAQRLVRKICPKCGGNL.....INS	407
NTDB id 1355 HI 0298 AAC21962.1	RLQQLGLGIQYEIKNSLLLVIAQRLVRKLCCKCGGNL.....ANS	407
NTDB id 58574 NGK56 RS04290 WP 015572679.1	RLQQMGEVARWMISSALSMLVIAQRLVRRLCPCYCRQEASRHTEL.....PRTLW.....PR..PLPRWQPTGC	383
NTDB id 1436 BW25113 RS00530 WP 001025145.1	RLQQMGEVARWMLSSALTLVIAQRLVRKLCPCRCRRQQGEPIHI.....PDNVW.....PS..PLPHWQAPGC	385
NTDB id 1168 A1552VC RS11070 WP 000957200.1	RLANMGVEPEFNIASSLSLIIAQRLARRLCKHCKIAV.RPSALLQSQFAFQPNIEIL.....YEANAAGC	490
NTDB id 1401 DSB67 RS12665 WP 010643259.1	RLSNMGVESFNLASSLSLIIAQRLARKLCPCYCRQPQ.EPNSQLQH.IGIANTEQI.....FQANPDGC	489
NTDB id 1293 VP RS12240 WP 005479695.1	RLSNMGVESFNLASSLSLIIAQRLARKLCPCYCKQPQ.EHTVQLQH.LGIQTTDNI.....FRANPDGC	489
NTDB id 1110 NGFG RS09235 WP 003689817.1	RMLNMGVAPFNIIASSVSLIIAQRLRLRLCSSCKQEVERPSASALKEVGFTDEDLA.....K...DWKLYRAVGC	485
NTDB id 1251 GCO85 RS07725 WP 011946523.1	RLVNMGTPTFNIIASSVTLIIAQRLARKLCNQCKAVRDDFTNQGLIELGFKEADLV.....NLKLYKAVGC	502
NTDB id 1018 ACIAD RS01685 WP 004920473.1	RLRNMGVIASFNIATSVNLVIAQRLARRLCSQCKRPI.QVPERSLLEMGTTPEDLA.....QP..EFQIFEPVGC	498
NTDB id 1058 ABD1 RS01615 WP 001274986.1	RLRNMGVPSFNIATSVNLVIAQRLARRLCSQCKIPA.DIPKQSLLEMGTFEQDLA.....HP..DFRVFPQVGC	498
consensus	!* **!* *** **** *****!!!!!!*!***! *	**

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NTDB id 1410 SGL RS13950 WP 010873519.1	QKCSGSQYKGRVGVYEVMRNSERTIAELINQGATTDRIKDCAV.EEGMITLLAYSINLVQEGYTTLEEVERVTFDTGLES	637
NTDB id 1028 TT RS08215 WP 011173991.1	ERCGGTGYKGRYAIHELLVVDDERHAIVAGKSATEIKEIAR.RKGMKTLREDGLYKALQGITTTLEEVLTARTIE.....	889
NTDB id 1306 DR RS10060 WP 027479822.1	PRCGGTGYKGRMGIHELMMDDSLRRTIGAGRPAAEIRDVALGESGLRSLRQDGLIEKALQGLTTLEEVLAVTAS.....	887
NTDB id 1384 A4U84 RS08525 WP 010787006.1	DECY.QGYRGRIGVYQCLSRITAK.....KFDKQTA.YLDFSSLRESAKQKTEQQLTNETEVDRLVGYE.....	461
NTDB id 1366 NTHI RS01950 WP 011271972.1	CDCH.QGYRGRIGVYQFLHWQQN.....GY.....QTDGFENLRESGLEKVSQGITDEKEIERVLGKNS....	464
NTDB id 1355 HI 0298 AAC21962.1	CDCH.QGYRGRIGVYQFLHWQQN.....DY.....QTDGFKNLRASGLEKVSQGITDEKEIERVLGKNL....	464
NTDB id 58574 NGK56 RS04290 WP 015572679.1	DRCY.HGFFYGRVAIFEVLVIDDTRLRQATASGASTEVISSAR.QAGMTSLFEHGCMAVEQGLTTLEELLRLVLGMPDGC..	459
NTDB id 1436 BW25113 RS00530 WP 001025145.1	VHCY.HGFFYGRVATLFEVLPITPVIRQLISANTDVESLETHAR.QACMRTLFEENGCLAVEQGLTTFEELIRVLGMPHGE..	461
NTDB id 1168 A1552VC RS11070 WP 000957200.1	NECT.GGYSGRVGIYEVMAFNTELAEAIMQRASIHQIERLAK.ANGMQTLQESGLEKLRREGITSFAELQRVLYF.....	562
NTDB id 1401 DSB67 RS12665 WP 010643259.1	NECT.HGYSGRGTGIYEVMMKFDESLEALIKGASVHELEKLAI.ANGMQTLQMSGIEKLEKQGITSFRELQRVLYF.....	561
NTDB id 1293 VP RS12240 WP 005479695.1	NECT.HGYSGRGTGIYEVMMRFDESLEALIKGASVHELEKLAI.ANGMSTLQMSGIEKLEKQGITSFSELQRVLYF.....	561
NTDB id 1110 NGFG RS09235 WP 003689817.1	DRCRGQGYKGRAGVYEVMPISEEMQVRVIMNNGTEVGIIDVAY.KEGMVDLRRAGILKIMQGITSLEEVNTANTND.....	558
NTDB id 1251 GCO85 RS07725 WP 011946523.1	EQCT.SGYRGRVGLFEVLPMTKELGQLIMSGCNSLIDILKLAQ.SEGMLTIFQSGIEKVKEGITTIEEVNRVTVD.....	574
NTDB id 1018 ACIAD RS01685 WP 004920473.1	HDCR.EGYKGRVGIYEVMMKITPEISKIIMEDGNALEIAATAE.TLGFNNLRRSGLKKVMQGVTSLQEIINRVITSE.....	570
NTDB id 1058 ABD1 RS01615 WP 001274986.1	LECR.EGYKGRVGIYEVMMKVTPETISKIIMEDGNALEIAAAASE.KLGFNNLRRSGLKKVMQGVTSLQEVNRVTSE.....	570
consensus	! ****!***** * * * * *	*** ** * * * * * * * * * * *

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NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRRKSALTCTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
NTDB id 1306 DR RS10060 WP 027479822.1	.....	887
NTDB id 1384 A4U84 RS08525 WP 010787006.1	.....	461
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	464
NTDB id 1355 HI 0298 AAC21962.1	.....	464
NTDB id 58574 NGK56 RS04290 WP 015572679.1	.....	459
NTDB id 1436 BW25113 RS00530 WP 001025145.1	.....	461
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	558
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved