

logo

NTDB id 1410	SGL RS13950 WP 010873519.1	MTSSSSSSKKSRAVALRNYFSPFGNKL	VAGGHVDAEQLRQALVQVKKTGRSL	PEELKAVTGRELSPELLRQYKKNQLFEL	K	80
NTDB id 1168	A1552VC RS11070 WP 000957200.1	MLTNLVA	ILRQAEILSATQEAVVTQVSASGTSV	PEALLEL..SIFHAQELTEQ.....LS		54
NTDB id 1293	VP RS12240 WP 005479695.1	MHSNLS	TLRQKGLLTFSQEESSLIEQVKASGISM	PEALLSS..GFFTSSLEAEH.....LS		54
NTDB id 1401	DSB67 RS12665 WP 010643259.1	MLTNLST	VLRRQAGILTFSQEESLLEQVKASGISM	PEALLSS..GFFQSHELTEH.....LS		54
NTDB id 1110	NGFG RS09235 WP 003689817.1	MSVG	LLRILVQNQVVTVEQAEH.YYNESQAG	KEVLPMLFSD..GVISPKSLAAL.....IA		53
NTDB id 1251	GCO85 RS07725 WP 011946523.1	MALATEEYRLQG	IGQLLVLEKLLDKTKAIELHKLAAAEKIS	LLQYIVKN..KILSAEQIALT.....AA		62
NTDB id 71581	URS RS06905 WP 004991672.1	MADDELKSKYPTYLDR	LVATGFLTKEQIHRMFYEINKNNKF	IVQYLVEA..FDIKPSIIAEAE.....IS		62
NTDB id 1058	ABD1 RS01615 WP 001274986.1	MSALHTSPKF	TGFFRRLVEEKHVSAAATMQTALDAAK	RAKQDTVAYLIEE..VHLSPLSLAET.....IS		62
NTDB id 1018	ACIAD RS01685 WP 004920473.1	MSAFTTPPKF	SGFIRRLVEEGYVNAQNMQQALEKAK	KKFKQDTPYPLIDN..FSISPLTIAEI.....IS		62
consensus			* * * ! * * * * * * * * * * * *			

logo

NTDB id 1410	SGL RS13950 WP 010873519.1	VLYGVDSVDPEVAPIATQQMAEL	IGRFFPLDTCRRFKFLPLAQQEGDP	PPSVLVAMVDPDNLAAQDELNRILRV	KGFELRR	160
NTDB id 1168	A1552VC RS11070 WP 000957200.1	HIFGLPETDLSRYDYAN.....	LCQQGLGLRELITRYDALPIAKQ...	GNLILLAVSDPTLLQAEEEF...	RFATGLQVEL	123
NTDB id 1293	VP RS12240 WP 005479695.1	SIFGLSQPELSQY EYAS.....	LCQQGLGLRELITRHNALPLHRT...	PSTLLAVADPTNQQAEDDF...	RFATGLQVEL	123
NTDB id 1401	DSB67 RS12665 WP 010643259.1	SVFGLSCTSLNQY EYAS.....	LCQTGLRLDITRHNALPLNRT...	SSTLILAVADPTNLQAEDDF...	RFATGLQVEL	123
NTDB id 1110	NGFG RS09235 WP 003689817.1	RVFSYSILDLRHYPHR.....	VLMGVLTTEEQMVEFHCVPVFRR...	GDKVFFAVSDPTQMPQIQKT...	VSAAGTAVEL	122
NTDB id 1251	GCO85 RS07725 WP 011946523.1	QNFGVPMLDINCIDVGT.....	IPVNLVNEKLIKRRHAMVPLFSR...	GTNLYLATDDPSKQASLKEI...	QFHTGLNTHA	131
NTDB id 71581	URS RS06905 WP 004991672.1	IEYEPPQFDLNTFNLSL.....	IPHGIIIDEKLITKHKILPLSVK...	DHTLYVAVVDPSLTQDLDTI...	RFNSKKKLEL	131
NTDB id 1058	ABD1 RS01615 WP 001274986.1	AEFAEYPYFDLDVYDTSQ.....	IPKDLVDQKLILKHRILPLIQR...	GQILYVATSNPSNIEAIDAI...	RFNSKLLVEP	131
NTDB id 1018	ACIAD RS01685 WP 004920473.1	LEFGEPLLDLGVFDPAL.....	FLDKDIDEKLIQKYRIMPLVHR...	GHVLYVATSNPTNIEAMDAI...	RFNSKLLVEP	131
consensus		* * * * * * * * * * * * * * * ! * * * * * * * * * * * *				

logo

NTDB id 1410	SGL RS13950 WP 010873519.1	LVVTQDDFNQLLEQYVAIREEWE	AAQEKRDQERALDKLNDLTDIVGS	IDMNLGEDKEDVDNALDSNDANQ	APVINLVNKI	240
NTDB id 1168	A1552VC RS11070 WP 000957200.1	ALADHRAALQAATIRRLYGRSI	QGAANQGKEISQDELANLVK.....	VS..DDELQSIEDLSQDDSPVSR	FINQV	189
NTDB id 1293	VP RS12240 WP 005479695.1	VLADFRELSTAIRRLYGRSLS	HEKSGLKEINQEELASLVD.....	VG..ADEINIEDLSQDESPVSR	YINQI	189
NTDB id 1401	DSB67 RS12665 WP 010643259.1	VLADFRELTAIRRLYGRSLG	QKSGLKEINQDELAGLVD.....	IG..EDEIENIEDLSQDESPVSR	YINQI	189
NTDB id 1110	NGFG RS09235 WP 003689817.1	VIVEDDQLAGLLDWVGS	RSTSL..LQELGEGQEE.....	ESHTLYIDNEEAEDGPVPRFI	HKKT	179
NTDB id 1251	GCO85 RS07725 WP 011946523.1	IVVETDKLSALIDNLLTAKES	QGLSEYVE.DSGDLEGLEI.....	SADDEDQDIDTATSVTDDAPI	IVKFVNKI	198
NTDB id 71581	URS RS06905 WP 004991672.1	VIVEHDKLERALEEVYGTNAQ	LEFLNSLHNEDSENTDDIL.....	S...EFSFDINADHEKDDTI	IVVKYLNKM	196
NTDB id 1058	ABD1 RS01615 WP 001274986.1	VIVEHHKLEKVLGQHF	AAESSFDNFDEEFDLDVNL	DGPP.....TAQEDEEEAPQG	DEAPIVKYINKL	193
NTDB id 1018	ACIAD RS01685 WP 004920473.1	IIVEHDKLERLLSEHF	VEETHFNFDTEELDLV	EVDPH.....TTDDDDDDKLK	DEAPIVKYINKL	193
consensus		* *				

logo

NTDB id 1410	SGL RS13950 WP 010873519.1	LAKALQEGTSDIHVEPQ	EETLRIRFRKDGVLNQAFDPL	PRKITPAVVARFKIMADMDIA	ERRSPQDGKIRRIYQ..GRKV	318
NTDB id 1168	A1552VC RS11070 WP 000957200.1	LLDAVRKGGASDIHFEPY	ENQYRIRLRCDGILVETQ	QP.ASHLSRRLAARIKILSKLD	IAERRLPQDGRIKLRLSR.DTAI	267
NTDB id 1293	VP RS12240 WP 005479695.1	LLDAVRKGGASDIHFEPY	EKMVRVRLRCDGILVETQ	QP.PNHLRRLSARIKILSKLD	IAERRLPQDGRIKLRLNQ.DTAI	267
NTDB id 1401	DSB67 RS12665 WP 010643259.1	LLDAVRKGGASDIHFEPY	ENMYRVLRCDCGILVETQ	QP.PSHLSRRLSARIKILSKLD	IAERRLPQDGRIKLRLNQ.DTAI	267
NTDB id 1110	NGFG RS09235 WP 003689817.1	LSDALRSGASDIHFEPY	EYHNARIRFRVDGQLREV	VQP.PIAVRGQLASRIKIVMS	RLDISEKRIPQDGRIKLTFQGGKPV	258
NTDB id 1251	GCO85 RS07725 WP 011946523.1	LLDAIRQGASDIHFEPY	EREYRIRYRQDGLHEVATP	.PASLSSRITARIKIVMSNLD	ISERRIPQDGGFKMKISK.SRAI	276
NTDB id 71581	URS RS06905 WP 004991672.1	LYDAIKMGASDIHFEPY	AKIYRVYRIDGVLHAISFP	.PLVLAPRLTVRLKIMAKMD	ISERRSPQDGRIKLVPVSQ.FKSI	274
NTDB id 1058	ABD1 RS01615 WP 001274986.1	LIDAIRMGASDLHFEPY	EKSYRVYRVVDGVLRLQIANP	.PLQLANRLASRLKIVMSQMD	ISEKRVPPQDGRIKLKLSK.SKAI	271
NTDB id 1018	ACIAD RS01685 WP 004920473.1	LIDAIRMSASDLHFEPY	EKSYRVYRVVDGVLRLIATP	.PLQLATRLASRLKIVMSQMD	ISEKRVPPQDGRIKLKMSK.SKTI	271
consensus		! *				

```

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 71581 URS RS06905 WP 004991672.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

```



```

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 71581 URS RS06905 WP 004991672.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

```



```

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 71581 URS RS06905 WP 004991672.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

```



```

NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 71581 URS RS06905 WP 004991672.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

```



logo

NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
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 71581 URS RS06905 WP 004991672.1		573
NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved