

logo

		MSXLSIGDRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	
NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1306	DR RS10060 WP 027479822.1	.MALSIGDRLGAILLDQGYLEGDNLDLRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	79
NTDB id 1110	NGFG RS09235 WP 003689817.1	.....	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 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 90916	L6431 RS10075 WP 237046427.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
consensus			

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		RLTPEERKELRPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	
NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P	158
NTDB id 1306	DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPPFALE..GDLRLVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIEIVVPSGA	157
NTDB id 1110	NGFG RS09235 WP 003689817.1		0
NTDB id 1168	A1552VC RS11070 WP 000957200.1		0
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NTDB id 1401	DSB67 RS12665 WP 010643259.1		0
NTDB id 1251	GCO85 RS07725 WP 011946523.1		0
NTDB id 90916	L6431 RS10075 WP 237046427.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
consensus			

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		SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	
NTDB id 1028	TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
NTDB id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL	237
NTDB id 1110	NGFG RS09235 WP 003689817.1	.....	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 1251	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 90916	L6431 RS10075 WP 237046427.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
consensus			

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consensus
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[illegible]

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NTDB id 1028 TT RS08215 WP 011173991.1
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consensus

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[illegible]

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

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Sequence	Position
DPPDPGAPILLPEDLCRRYGVFPHRLEGRLVLLMKDPRNLLAADDVRLALKRKGLNYEVPAPVATEAAITKLIERFYCK	477
NPDPKVALMPEATARRYVVVPRLQGNLSLVAMKDDPRNVFALDDLKLITG.....KEILPAVMAEKDDIIRLIERVEGE	472
YPRHRVLMGVLTTEEQMVEFHCPVFRERGDKVFVAVSDPTQMPQIQKTVSAAAG.....LAVELVIVEDDQLAGLLDVGWGSR	140
YDYANI CQQQLGLRELITRYDALPIAKQGNLLLLAVSDPTLLQAEFEFRFATG.....LQVELALADHRAALQAATIRRLYGR	141
Y EYAS CQQQLGLRELITRYDALPIAKQGNLLLLAVSDPTLLQAEFEFRFATG.....LQVELVLAADFRELTAAIRRLYGR	141
Y EYAS CQTLGLRDLITRHNAALPLNRTPSTLLAVADPTNQAEDDFRFATG.....LQVELVLAADFRELTAAIRRLYGR	141
IDVGTITPVNVLVNEKLIKRRHAMVPLFSRGTNLYLATDDPSKQASKEIQFHTG.....LNTHAIVVETDTKLSALINDLTA	149
VDKESQPRDLISEKLIRQHRALPLYRRGNKLYVGVSDPSNHQAITDIQFSTG.....LNTEAILLEDKLGDAIEKFFDT	146
YDTSQIPKDLVDQKLLIKHRLTPLIQRGQILYVATSNPSNTEADAIRFNASK.....LLVEPVIVEHHKLEKVI GQHFAE	149
FDPALFLKDKIDLEKLIKQRYIMPLVHRGHVLYVATSNPTNTEAMD AIRFNASK.....LKVEPTIVEHDKLERLLSEHFE	149

logo

NTDB id 1028 TT RS08215 WP 011173991.1		543
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NTDB id 1110 NGFG RS09235 WP 003689817.1		208
NTDB id 1168 A1552VC RS11070 WP 000957200.1		218
NTDB id 1293 VP RS12240 WP 005479695.1		218
NTDB id 1401 DSB67 RS12665 WP 010643259.1		218
NTDB id 1251 GC085 RS07725 WP 011946523.1		227
NTDB id 90916 L6431 RS10075 WP 237046427.1		221
NTDB id 1058 ABD1 RS01615 WP 001274986.1		222
NTDB id 1018 ACIAD RS01685 WP 004920473.1		222
consensus	* * * ** ** * * * * * ! * * * * ! * * * * ! * * * * ! * * * * !	

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NTDB id 1028 TT RS08215 WP 011173991.1		621
NTDB id 1306 DR RS10060 WP 027479822.1		618
NTDB id 1110 NGFG RS09235 WP 003689817.1		288
NTDB id 1168 A1552VC RS11070 WP 000957200.1		297
NTDB id 1293 VP RS12240 WP 005479695.1		297
NTDB id 1401 DSB67 RS12665 WP 010643259.1		297
NTDB id 1251 GC085 RS07725 WP 011946523.1		306
NTDB id 90916 L6431 RS10075 WP 237046427.1		300
NTDB id 1058 ABD1 RS01615 WP 001274986.1		301
NTDB id 1018 ACIAD RS01685 WP 004920473.1		301
consensus	* ! * * * * * * * * * * * * * * * ! * * * * ! * * * * ! * * * * ! * * * * ! * * * * !	

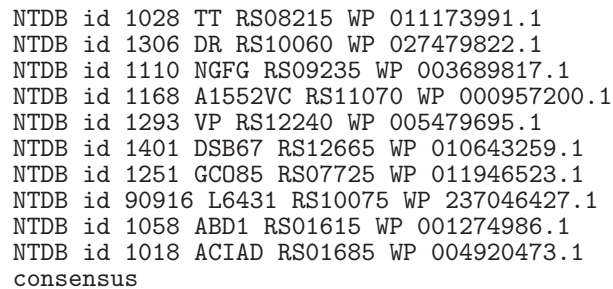
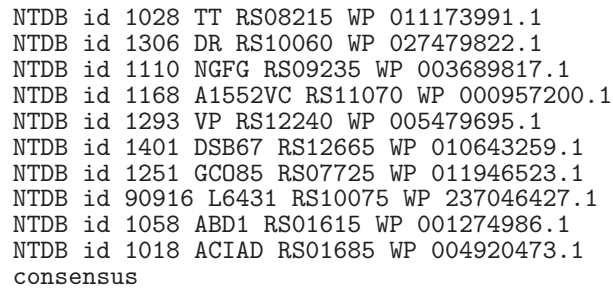
logo

NTDB id 1028 TT RS08215 WP 011173991.1		701
NTDB id 1306 DR RS10060 WP 027479822.1		698
NTDB id 1110 NGFG RS09235 WP 003689817.1		368
NTDB id 1168 A1552VC RS11070 WP 000957200.1		377
NTDB id 1293 VP RS12240 WP 005479695.1		377
NTDB id 1401 DSB67 RS12665 WP 010643259.1		377
NTDB id 1251 GC085 RS07725 WP 011946523.1		386
NTDB id 90916 L6431 RS10075 WP 237046427.1		380
NTDB id 1058 ABD1 RS01615 WP 001274986.1		381
NTDB id 1018 ACIAD RS01685 WP 004920473.1		381
consensus	! ! * * * * * * * * * * * * * * * ! * * * * ! * * * * ! * * * * ! * * * * ! * * * * !	

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NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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-  non conserved
-  similar
-  > 50% conserved