

logo

NTDB id 1115 OK783 RS00485 WP 003698035.1	MNTKLTG.....ITISGLFVATAAFQTASAGNITDITKVSSLPNKKQIVKVSFDKEIV.NPTIGFVTSSPARIALDFEQ	70
NTDB id 1009 ACIAD RS15175 WP 004923730.1	MKQIIHQFSIGTVAYAIMQ.....VASAQVAITNVVPMNIPGGGTETIRVMFNGLPP.QPQAYQLEQPARLILDFDK	70
NTDB id 1039 HON27 RS01460 WP 031993779.1	MNHVFRQFSMGAVAIAMQ.....AASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDK	70
NTDB id 1052 ABD1 RS15850 WP 001017033.1	MNHVFRQFSMGAVAIAMQ.....AASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDK	70
NTDB id 1284 ACE17W RS12370 WP 010946666.1	MR.....KIIAILILIS.ASLSMAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDNIS	69
NTDB id 1257 GC085 RS04855 WP 163621000.1	MR.....KIIAILILIS.ASLSLAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDNIS	69
NTDB id 1186 GTF74 RS01320 WP 000788426.1	.....	0
NTDB id 1175 A1552VC RS12105 WP 000788426.1	.....	0
NTDB id 1408 DSB67 RS13980 WP 010643500.1	.....	0
NTDB id 395064 GEV38 RS25660 WP 173896051.1	.....	0
NTDB id 1193 PAKAF RS26665 WP 003161249.1	MNSGLSR.....LGIAALLAAMF.....APALLAADIEKIIDVAALPGDRVELKLQFDEPVAA.PRGYTIEQPARIALLDLP	69
consensus	*** * *	

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NTDB	id	1115	OK783	RS00485	WP	003698035.1	TGISM	DQ..QVLEYADPLLSKISAAQNSS	RARLVNLN	LKPQGYNTEVR	GKNKVWIF	INESDDTVSAPARPAVKAAPAK	148	
NTDB	id	1009	ACIAD	RS15175	WP	004923730.1	AGQKL	LAKS..LIPVTNEAS	SIDVSSDDKR	RARVVVN	LKDAGAFTR	VEGNVFILKINNIIQSTATP.....	133	
NTDB	id	1039	HON27	RS01460	WP	031993779.1	AQQGL	KQS..KISVATNEAS	SVDTVSTDDQ	RSRLTVNL	LKDTGAFTT	RVEGNTFILKINSAQTSNKP.....	133	
NTDB	id	1052	ABD1	RS15850	WP	001017033.1	AQQGL	KQS..KISVATNEAS	SVDTVSTDDQ	RSRLTVNL	LKDAGAFTR	RVEGNTFILKINSAQTSNKP.....	133	
NTDB	id	1284	ACE17W	RS12370	WP	010946666.1	TDMQI	PSDQKT	TKTIQLGLSLH	SYNIIVAVGD	RVRRAILEL	DRSVSYSGSTAGSIYSL.VLNGKSNDLF.....ENS	136	
NTDB	id	1257	GC085	RS04855	WP	163621000.1	TDMQI	PSDQKT	TKTIQLGLSLH	SYNIIVAVGD	RVRRAILEL	DRSVSYSGSTAGSVYSL.VLNGKSNDLF.....ENS	136	
NTDB	id	1186	GTF74	RS01320	WP	000788426.1	.....	.....	MKNGL	LKT..YVAQTW.....	LTLWVGLALCA.....SS.	26		
NTDB	id	1175	A1552VC	RS12105	WP	000788426.1	.....	.....	MKNGL	LKT..YVAQTW.....	LTLWVGLALCA.....SS.	26		
NTDB	id	1408	DSB67	RS13980	WP	010643500.1	.....	.....	MKMRRHG	LITTPRKLTGL.....	FSLWFSLLLAP.....	28		
NTDB	id	395064	GEV38	RS25660	WP	173896051.1	.....	.....	.....	.....	.....	0		
NTDB	id	1193	PAKAF	RS26665	WP	003161249.1	VQNK	..GTKNRE	ISVGNTRS	SVTVVEAKD	ETRLRIIN	LTTLSSYTTRVEGN	NLFVVVGNSPAGASVASTAPVKASPASY	147
consensus							*	*	*	*	*	*	*	

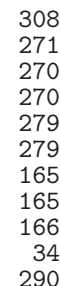
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NTDB	id	1009	ACIAD	RS15175	WP	004923730.1	VA.TSAPAPQGGIGNIGFQRGAQGEGL	VVIDLQGTNTPVDVQQGSGKVVRFPGIKIPTHLA		194
NTDB	id	1039	HON27	RS01460	WP	031993779.1	LP.VVS.AQPQGVSNIGFQRGSQGEGL	VVVDLLGSNTPVDVQQGSGKVVIRTIGTKIPTHLA		193
NTDB	id	1052	ABD1	RS15850	WP	001017033.1	LP.VVS.AQPQGVSNIGFQRGSQGEGL	VVVDLLGSNTPVDVQQGSGKVVIRTIGTKIPTHLA		193
NTDB	id	1284	ACE17W	RS12370	WP	010946666.1	K.....EVFIT.NQVVNAKEIKRIDFRGIEKQGG	RLVIDVSDTGIPIDTVQVGKEIVVNFLNTKIPLNLM		201
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NTDB	id	1186	GTF74	RS01320	WP	000788426.1	MVF.SAESATANQLENIDFRVNKEKA	AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKL		88
NTDB	id	1175	A1552VC	RS12105	WP	000788426.1	MVF.SAESATANQLENIDFRVNKEKA	AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKL		88
NTDB	id	1408	DSB67	RS13980	WP	010643500.1	FV.AAEVQSNLSKSIDFRTNKDKD	AVIVVELVSPAAIVDIKRVEGLSIDLLNTSVKDDQL		89
NTDB	id	395064	GEV38	RS25660	WP	173896051.1	.....			0
NTDB	id	1193	PAKAF	RS26665	WP	003161249.1	A.....QPIKP.KPYVPAGRAIRNIDFQRGEKGE	GNVVIDLSDPTLSPDIQEQCGKIRLDFAKTQLPDAIR		212
consensus							* * * * * *	***** ***** ***** * * *		

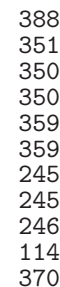
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NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
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consensus

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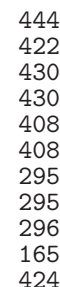
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consensus
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NTDB id 1115 OK783 RS00485 WP 003698035.1
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consensus

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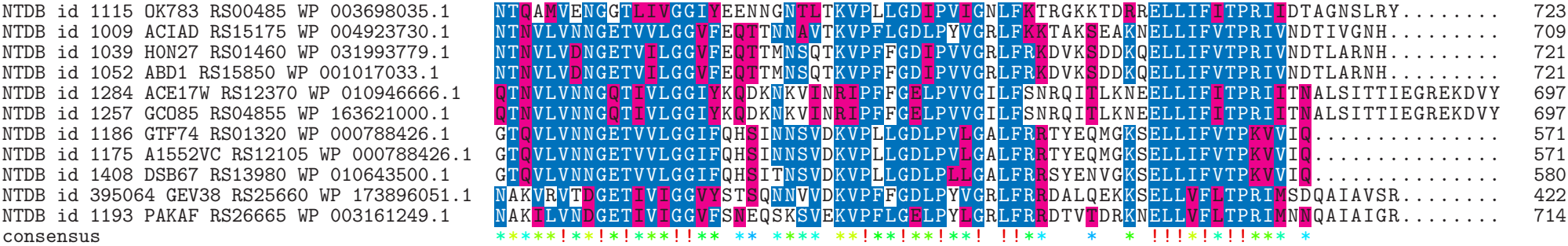


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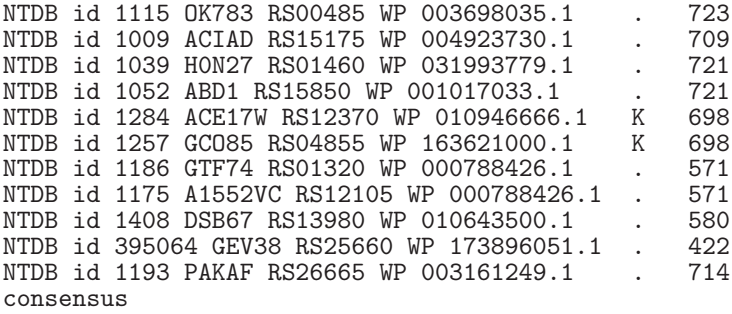
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NTDB	id	1009	ACIAD	RS15175	WP	004923730.1	NPDSN.....GTYTIERPDNLNVDLG...VTTTGASSIAFGLISL.SDFMLDLELSALQADGYGEVISTPKVMSA	561
NTDB	id	1039	HON27	RS01460	WP	031993779.1	EPKKD....ETTGGYKYTIERPDNLNVDLG...VSNP.AGSIAFGLISM.SDFMLDLELSALQADGYGEVISTPKVMTA	573
NTDB	id	1052	ABD1	RS15850	WP	001017033.1	EPKKD....ETTGGYKYTIERPDNLNVDLG...VSNP.AGSIAFGLISM.SDFMLDLELSALQADGYGEVISTPKVMTA	573
NTDB	id	1284	ACE17W	RS12370	WP	010946666.1	.LEGANELARGTAPANVVPLERR..LNLDLAAPLTGATPASVGIALAKLNDNI.LLDLELSALESEGRAELISSPRLITT	543
NTDB	id	1257	GQC85	RS04855	WP	163621000.1	.LEGANELARGTAPANVVPLERR..LNLDLAAPLTGATPASVGIALAKLNDNI.LLDLELSALESEGRAELISSPRLITT	543
NTDB	id	1186	GTF74	RS01320	WP	000788426.1	LLAD.....DEFPVDEF..LNVNLA...STSANASSIAFQVAKLGSGTL.DLELSALQNESKA.EIISSPRLITT	429
NTDB	id	1175	A1552VC	RS12105	WP	000788426.1	LLAD.....DEFPVDEF..LNVNLA...STSANASSIAFQVAKLGSGTL.DLELSALQNESKA.EIISSPRLITT	429
NTDB	id	1408	DSB67	RS13980	WP	010643500.1	LYDGGGEGDD...GSSVGLDDF..LNVNLA...ATSPNATSIAFQVAKLGSDTL.DLELSALQQESKA.EIISSPRLITT	438
NTDB	id	395064	GEV38	RS25660	WP	173896051.1	RPGKDLF..VDLGV.....RVGGSIGLGLLRGDVL.DLELSAMEKSGNDE.IISQPKVVTA	275
NTDB	id	1193	PAKAF	RS26665	WP	003161249.1	PIAGSCTFPT...TGTSKSPSPF..VDLGAK.....DATSCIGIGFITDNI.TLDQLSAMEKTGNCEIVSQPKVVT	567
consensus							* * * *	

NTDB	id	1115	OK783	RS00485	WP	003698035.1	N	R	K	E	A	K	I	E	S	G	Y	E	I	P	F	T	V	T	A	S	G	G	N	S	T	N	T	E	L	K	K	A	V	L	G	L	T	V	T	P	N	I	T	P	D	G	Q	I	M	T	V	K	I	N	K	D	S	P	A	Q	C	A	S	G	N	T	I	L	C	I	S	T	K	S	L		651		
NTDB	id	1009	ACIAD	RS15175	WP	004923730.1	D	K	Q	K	A	K	V	A	T	G	V	E	V	P	Y	Q	S	T	T	N	S	A	A	G	S	T	A	T	T	S	F	K	E	A	L	L	S	L	E	V	T	P	N	I	T	P	D	G	K	I	M	E	L	N	I	A	N	D	S	I	N	S	Y	...	A	Q	N	G	E	A	I	L	N	K	N	T	I		638
NTDB	id	1039	HON27	RS01460	WP	031993779.1	D	K	Q	T	A	K	V	A	T	G	Q	Q	V	P	Y	Q	S	T	T	N	S	A	A	G	S	T	A	T	T	S	F	K	D	A	L	L	S	L	N	V	T	P	S	I	T	P	D	G	K	I	Q	M	K	L	D	I	S	K	D	S	V	A	G	A	...	A	P	N	G	E	L	I	L	N	K	N	I		650
NTDB	id	1052	ABD1	RS15850	WP	001017033.1	D	K	Q	T	A	K	V	A	T	G	Q	Q	V	P	Y	Q	S	T	T	N	S	A	A	G	S	T	A	T	T	S	F	K	D	A	L	L	S	L	N	V	T	P	S	I	T	P	D	G	K	I	Q	M	K	L	D	I	S	K	D	S	V	A	G	A	...	A	P	N	G	E	L	I	L	N	K	N	I		650
NTDB	id	1284	ACE17W	RS12370	WP	010946666.1	N	Q	Q	A	A	V	I	E	S	G	E	E	I	P	Y	Q	E	A	T	S	S	G	A	T	...	A	V	A	F	K	K	A	V	L	S	L	K	V	T	P	Q	I	T	P	D	G	K	I	M	D	L	Q	I	N	Q	D	T	P	S	P	Q	T	F	L	...	G	V	P	A	I	I	T	K	E	I		617		
NTDB	id	1257	GQ085	RS04855	WP	163621000.1	N	Q	Q	A	A	V	I	E	S	G	E	E	I	P	Y	Q	E	A	T	S	S	G	A	T	...	A	V	A	F	K	K	A	V	L	S	L	K	V	T	P	Q	I	T	P	D	G	K	I	M	D	L	Q	I	N	Q	D	T	P	S	P	Q	T	F	L	...	G	V	P	A	I	I	T	K	E	I		617		
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K

☐ non conserved
☒ similar
☒ ≥ 50% conserved