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NTDB id 1366	NTHI RS01950 WP 011271972.1	MTSY....ALLHTQRVTAQNGEIFTI.....SPDLW	27
NTDB id 1355	HI 0298 AAC21962.1	MTSY....ALLHTQRVTAKNGEVFTI.....SPDLW	27
NTDB id 1384	A4U84 RS08525 WP 010787006.1	MSQY....T....ICEQQTERIFDI.....SPSRW	22
NTDB id 1468	ASU2 RS05090 WP 014991734.1	MQY....S....VCDMSQQVFDI.....SESLW	21
NTDB id 1436	BW25113 RS00530 WP 001025145.1	MNIIPQL.....	6
NTDB id 1168	A1552VC RS11070 WP 000957200.1	MLTNLVAI [*] LRQAEL [*] ISATQEQA [*] VVTQVSASGTS [*] VPEAL [*] LLELSIFHAQEL [*] TEQLSH [*] IFGLPETD [*] LSRYDYANL	72
NTDB id 1401	DSB67 RS12665 WP 010643259.1	MLTNLSTV [*] LRQAGI [*] LTFSQEESL [*] IEQVKASGIS [*] MP [*] EALLSSGFFQ [*] SH [*] ELTEHLSS [*] VFGL [*] SCTSLNQYEYASL	72
NTDB id 1293	VP RS12240 WP 005479695.1	MHSNLSTI [*] LRQKGL [*] LTFSQEESL [*] IEQVKASGIS [*] MP [*] EALLSSGFFQ [*] SH [*] ELTEHLSS [*] VFGL [*] SCTSLNQYEYASL	72
NTDB id 1110	NGFG RS09235 WP 003689817.1	MSVGLLR [*] ILVQ [*] QNV [*] VTVEQA [*] EHYY [*] .NESQAGKE [*] VL [*] PML [*] FS [*] DG [*] VISPKS [*] LAAL [*] IA [*] RV [*] FSYSILD [*] LRHYPRHRV	71
NTDB id 1251	GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQL [*] LVLEKL [*] LDKTKA [*] IELHKLAAAEKIS [*] LLQY [*] IVKNKILSAEQ [*] IALTAAQNF [*] GV [*] PMLD [*] INCIDVGTI	80
NTDB id 1018	ACIAD RS01685 WP 004920473.1	MSAFTTPPKFSGFIRR [*] LVEEGY [*] VNAQNM [*] QQALEKAKKFKQD [*] IVPYL [*] IDNFSISPLT [*] IAEIIISLE [*] FGEPLLD [*] GVFDPALF	80
NTDB id 1058	ABD1 RS01615 WP 001274986.1	MSALHTSPKFTGFFRR [*] LVEEKH [*] VSAATMQTALDAAKRAKQDTVAYL [*] IEEVHLSPL [*] SLIAETISAE [*] FAEYPYFD [*] LDVYDTSQI	80
consensus		*.....*	

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[illegible]

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NTDB	id	1366	NTHI	RS01950	WP	011271972.1	FYQHQ	ETHFEQE	DDE	PVIRLLNQIFESALQKNASDIHLET	LADQFQVVRFRIDGVLQPQPLISKIF	170					
NTDB	id	1355	HI	0298	AAC21962.1		FYQHQ	ETHFEQE	DDE	PVIRLLNQIFESALQKNASDIHLET	LADQFQVVRFRIDGVLQPQPLISKIF	170					
NTDB	id	1384	A4U84	RS08525	WP	010787006.1	LAFVEQE	.QEQLNLND	PIIQL	LDNLFKFCLAQNASDIHLEPRKQKLI	IRLRIDGVLHYPKLSLSIQ	165					
NTDB	id	1468	ASU2	RS05090	WP	014991734.1	LNYQSP	DNLDLLNLND	PIIQL	LDNLFKFCLQNASDIHFEPQKEKLQ	IRLRIDGVLHIYKLSFSLS	165					
NTDB	id	1436	BW25113	RS00530	WP	001025145.1	SRTQQT	LPVAVQEKHQ	PKAEL	LTRTLQSALEQRASDIHLEP	ADNAYRIRLRIDGVLHPLPDVSPDA	129					
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1	ISQ..DEL	ANLVKVSDD	ELQSI	EDLSQD	SPVSRFINQVLLDAVRK	GASDIHFEPYENQYRIRLRCDG	ILVETQQPASHL	230			
NTDB	id	1401	DSB67	RS12665	WP	010643259.1	INQ..DEL	AGLVDIG	EDENIED	LSQDES	PVSRYINQILLDAVRK	GASDIHFEPYENMYRVRLRCDG	ILIEIQPPSHL	230			
NTDB	id	1293	VP	RS12240	WP	005479695.1	INQ..EEL	ASLVDVG	ADEINIED	LSQDES	PVSRYINQILLDAVRK	GASDIHFEPYENMYRVRLRCDG	ILVETQQPPNHL	230			
NTDB	id	1110	NGFG	RS09235	WP	003689817.1	GEGQ	EEEEESHT	LYIDNEEA	EDG	PVPRFIHKTLSDALRSG	ASDIHFEFYEHNARIRFRV	DGQLREVVPPIAV	220			
NTDB	id	1251	GC085	RS07725	WP	011946523.1	DSGD	LEGLEISAD	.DEDQDI	DTATSVT	DDAP	IVKFVNKILLDAIR	QGASDIHFEPYEREYRIRYRQDG	ILHEVATPPASL	239		
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1	.ELD...	LDVEVD	PHTTDDD	DEDDKLK	DEAP	IVKYINKLLIDAIR	MSASDLHFEPYEKSYRVRYR	DGVLRLIATPPLQL	234		
NTDB	id	1058	ABD1	RS01615	WP	001274986.1	.EFD...	LDVNLD	GP	TAQED	E	EAP	IVKYINKLLIDAIR	MGASDLHFEPYEKSYRVRYR	DGVLRLIATPPLQL	234	
consensus								*		**	*****	*****	!!!!*!*	*****	!!!!*!	*	*

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NTDB id 1355 HI 0298 AAC21962.1
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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 1058 ABD1 RS01615 WP 001274986.1
consensus

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NTDB	id	1366	NTHI	RS01950	WP	O11271972.1	GLEKVSQGITDEKEIERVLGKNS..	464
NTDB	id	1355	HI	O298	AAC21962.1		GLEKVSQGITDEKEIERVLGKNL..	464
NTDB	id	1384	A4U8A	RS08525	WP	O10787006.1	AKQKIEQQLTNETEVDRLVGYE...	461
NTDB	id	1468	ASU2	RS05090	WP	O14991734.1	AEQKLAANITTVDEVKRVLDG...	461
NTDB	id	1436	BW25113	RS00530	WP	O01025145.1	GCLAVEQGTLTFEELIRVLGMPHGE	461
NTDB	id	1168	A1552VC	RS11070	WP	O00957200.1	GIEKLREGITSFAELQRVLYF....	562
NTDB	id	1401	DSB67	RS12665	WP	O10643259.1	GIEKLKGQITSFRLEQLRVLYF....	561
NTDB	id	1293	VP	RS12240	WP	O05479695.1	GIEKLKGQITSFSLEQLRVLYF....	561
NTDB	id	1110	NGFG	RS09235	WP	O03689817.1	GILKIMQGITSLEEVTANTND....	558
NTDB	id	1251	GCO85	RS07725	WP	O11946523.1	GIEKVKEGITTIEEVNRVTVD....	574
NTDB	id	1018	ACIAD	RS01685	WP	O04920473.1	GLKKVMQGVTSLQENRVTSE....	570
NTDB	id	1058	ABD1	RS01615	WP	O01274986.1	GLKKVMQGVTSLQEVNRTSE....	570
consensus							* * * * *	

- ☐ non conserved
- ☒ similar
- ☒ $\geq 50\%$ conserved