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NTDB id	36	MW RS08230 WP 001793467.1	MVLLYQFLLRYKDFLTQWK.LYIISAVVLIMVLIGFIWRQDDYTSRNFENKD.....NAIKQSTSENSSLSK.VEDVQVKDGD	77
NTDB id	20	SA RS08005 WP 001802022.1	MVLLYQFLLRYKDFLTQWK.LYIISAVVLIMVLIGFIWRQDDYTSRNFENKD.....TAIKQSTENNSSLK.LEDVQVKDGD	77
NTDB id	105	BSU 2559 NP 390437.1	MNL.....NQHKKAIIIA.ASAAVFTAIMIFLATGKNKEPVKQAVPTE.....TENTVVKKQAN	54
NTDB id	613	LCA RS05340 WP 231952379.1	MMWQDYWQRHYRRFWWWPCLVLLGIACCFYWHQSQQ.KQKVYQNE.....QLLATSASKT.....KPATKKTHQ	63
NTDB id	521	SMKS321 RS04960 WP 000443804.1	MESIEEKIKEYKIIVICTGLGVGGFFL.LKPAPHTPVKETN.LQAEVVAISKDSSTE.....KDKVKEEKE	66
NTDB id	493	SM12261 RS04300 WP 000387351.1	MEAIIEEKIKEYKIIVICTGLGVGGFFL.LKPAPQTPVKETN.LQAEVVAISKDSVSE.....KEVKKEEKE	66
NTDB id	153	SP RS04730 WP 000387344.1	MEAIIEEKIKEYKIIVICTGLGVGGFFL.LKPAPQTPVKETN.LQAEVVAISKDSSTE.....KEVKKEEKE	66
NTDB id	263	KZH43 RS04195 WP 000387330.1	MEAIIEEKIKEYKIIVICTGLGVGGFFL.LKPAPQTPVKETN.LQAEVVAISKDLVSE.....KEVNKEEKE	66
NTDB id	222	SPD RS04535 WP 000387330.1	MEAIIEEKIKEYKIIVICTGLGVGGFFL.LKPAPQTPVKETN.LQAEVVAISKDLVSE.....KEVNKEEKE	66
NTDB id	188	SPR RS04295 WP 000387330.1	MEAIIEEKIKEYKIIVICTGLGVGGFFL.LKPAPQTPVKETN.LQAEVVAISKDLVSE.....KEVNKEEKE	66
NTDB id	300	STER RS07485 WP 011681496.1	MKEEKILAYVKDNRLFVSIVAIVLMVIFCFFLWMTCGAGNSMEAETSYPDVTALSTSSSKQSSQSLSEASSQSKTEG	75
NTDB id	34886	JDM1 RS15890 WP 225868554.1	MEKILDKLKEYWKIMLLVVCALTACGIFYIFTNSPKP....AE..TLSENLSSSSTKS.....SVSKFNSSS	0
NTDB id	595	KW2 RS08725 WP 021037687.1	MEKILDKLKEYWKIMLLVVCALTACGIFYIFTNSPKP....AE..TLSENLSSSSTKS.....SVSKFNSSS	62
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NTDB id	36	MW	RS08230	WP	001793467.1	NSKNKGPVYVDVKGAVKHPNVYKMTSK.DRVVDLLDKAQ.LLEDADVQSINLSEKLTQDKMIFIPHKGQKNVEPQIGVN.....	154
NTDB id	20	SA	RS08005	WP	001802022.1	NSKNKGPVYVDVKGAVKHHPNVYKMTSK.DRVVDLLDKAQ.LLEDADVSRINLSEKLTQDKMIFIPHKGQKNVEPQIEVN.....	154
NTDB id	105	BSU	25590	NP	390437.1	NDESNETIVDIDIKGAVQHHPGVEMRTG.DRVSQAIEKAGCTSEQADEAQVNLAEITLQDGTVVYTPKKGEEETAVQQG.....	129
NTDB id	613	LCA	RS05340	WP	231952379.1	AATKKKGGFVIDIKGAVYPGITYPTVSETRLFVLKNAACPTDAADTKRLNLAQKLTDLIITYPKKGEVVTDDQLIQAPQQIAT	148
NTDB id	521	SMKS321	RS04960	WP	000443804.1	EPVEQDLITVDVKGAVKSPGIYDLSVG.SRVNDAAVQKAGGLTEQADSKEENLAQKVSDAELVYVPPTKGEESASHT.....	141
NTDB id	493	SM12261	RS04300	WP	000387351.1	EPLAQDLITVDVKGAVKSPGIYDLPVG.SRVNDAAVQKAGGLTEQADSKEENLAQKVSDAELVYVPPTKGEAASQQA.....	141
NTDB id	153	SP	RS04730	WP	000387344.1	EPLAQDLITVDVKGAVKSPGIYDLPVG.SRVNDAAVQKAGGLTEQADSKEENLAQKVSDAELVYVPPTKGEAASVQQT.....	141
NTDB id	263	KZH43	RS04195	WP	000387330.1	EPLAQDLITVDVKGAVKSPGIYDLPVG.SRVNDAAVQKAGGLTEQADSKEENLAQKVSDAELVYVPPTKGEAASVQQT.....	141
NTDB id	222	SPD	RS04535	WP	000387330.1	EPLAQDLITVDVKGAVKSPGIYDLPVG.SRVNDAAVQKAGGLTEQADSKEENLAQKVSDAELVYVPPTKGEAASVQQT.....	141
NTDB id	188	SPR	RS04295	WP	000387330.1	EPLAQDLITVDVKGAVKSPGIYDLPVG.SRVNDAAVQKAGGLTEQADSKEENLAQKVSDAELVYVPPTKGEAASVQQT.....	141
NTDB id	300	STER	RS07485	WP	011681496.1	SEKVKSKVTVDVKGAVVNPVGYTLKAG.ARVTDVIQEAGCMTEADAKSVNLAASLSDEEVITYVANKDENVSVLDQTGT.....	153
NTDB id	34886	JDM1	RS15890	WP	225868554.1	MTIYVPAKGEQAPAVAPPVV.....	19
NTDB id	595	KW2	RS08725	WP	021037687.1	SEKNKNEIMVDLKGAVALPNVYQLSSD.ERLVDLRQAGCFDQADQKSLNLSAKLKDEEVIYVPAKGEQAPAVAPPVV.....	137
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NTDB id 36 MW RS08230 WP 001793467.1	SVHVKNGNINNTKVNLTASVSELMSVPCVGVQAKANATVEYRNQCGAFQEIDDLKKVKGFSGKTFDKLKS	227
NTDB id 20 SA RS08005 WP 001802022.1	SVHVKNGNINNTKVNLTASVSELMSVPCVGVQAKANATVEYRNQCGAFQEIDDLKKVKGFSGKTFDKLKS	227
NTDB id 105 BSU 25590 NP 390437.1	GGGSVQSDGGKGAIVNINTATLEELQCGISCVGPSKAEAIAYRENGRFQTIEDITKVS	203
NTDB id 613 LCA RS05340 WP 231952379.1	TSERTQEQAQTGSANASSTSDTAKIDLNQADSTQLQTINCGIPKKAEQIAYRDEQCKFKIEDLQKVG	233
NTDB id 521 SMSK321 RS04960 WP 000443804.1	GS..GAPSSSTDKKINLNKASLEELKQVKCLGGKRAQDIIDHREANGKFKSVDELKKVSGIGA	214
NTDB id 493 SM12261 RS04300 WP 000387351.1	GP..GTASSSTSKKKNLNKASLEELKQVKCLGGKRAQDIIDHREANGKFKSVDELKKVSGIGA	214
NTDB id 153 SP RS04730 WP 000387344.1	GS..GTASSSTSKKKNLNKASLEELKQVKCLGGKRAQDIIDHREANGKFKSVDELKKVSGIGA	214
NTDB id 263 KZH43 RS04195 WP 000387330.1	GL..GTASSISKEKKNLNKASLEELKQVKCLGGKRAQDIIDHREANGKFKSVDELKKVSGIGA	214
NTDB id 222 SPD RS04535 WP 000387330.1	GL..GTASSISKEKKNLNKASLEELKQVKCLGGKRAQDIIDHREANGKFKSVDELKKVSGIGA	214
NTDB id 188 SPR RS04295 WP 000387330.1	GL..GTASSISKEKKNLNKASLEELKQVKCLGGKRAQDIIDHREANGKFKSVDELKKVSGIGA	214
NTDB id 300 STER RS07485 WP 011681496.1	GQVSDKGG....QAVSKDGKINLNTATSEQLQTISGICAKRAEDVIAYRESHGGFQSVDDLKNVSGIGD	229
NTDB id 34886 JDM1 RS15890 WP 225868554.1	QSTGPTGGTPT..SDHAATDKVNLTADVAALQTLSCIGQKKAEEKIIDYRQHGHNFKTIDDLKNVSGFGEK	98
NTDB id 595 KW2 RS08725 WP 021037687.1	DSPTGSSVSNQISTTSGPKVNTINADLTQLKLTCTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSFGD	216
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NTDB id 36 MW RS08230 WP 001793467.1		I.	228
NTDB id 20 SA RS08005 WP 001802022.1		I.	228
NTDB id 105 BSU 25590 NP 390437.1		VK	205
NTDB id 613 LCA RS05340 WP 231952379.1		VN	235
NTDB id 521 SMSK321 RS04960 WP 000443804.1		VD	216
NTDB id 493 SM12261 RS04300 WP 000387351.1		VD	216
NTDB id 153 SP RS04730 WP 000387344.1		VD	216
NTDB id 263 KZH43 RS04195 WP 000387330.1		VD	216
NTDB id 222 SPD RS04535 WP 000387330.1		VD	216
NTDB id 188 SPR RS04295 WP 000387330.1		VD	216
NTDB id 300 STER RS07485 WP 011681496.1		VA	231
NTDB id 34886 JDM1 RS15890 WP 225868554.1		V.	99
NTDB id 595 KW2 RS08725 WP 021037687.1		ID	218
consensus		*	

-  non conserved
-  similar
-  ≥ 50% conserved