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	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEGEPTVIQEGEGFGSPSSGEEDPPVRMTLDFNSPE	
NTDB id 1419 SGL RS12550 WP 010873252.1	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEGEPTVIQEGEGFGSPSSGEEDPPVRMTLDFNSPE	80
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54745 NOS7524 RS17690 WP 015139860.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

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	AELDALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDQLLGVGDVEPAITNPGL	
NTDB id 1419 SGL RS12550 WP 010873252.1	AELDALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDQLLGVGDVEPAITNPGL	160
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54745 NOS7524 RS17690 WP 015139860.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
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	HSFAGADRVTPLTNEVLLFAAIDDDLGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPPFRLPVAMEEDEDEFKDL	
NTDB id 1419 SGL RS12550 WP 010873252.1	HSFAGADRVTPLTNEVLLFAAIDDDLGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPPFRLPVAMEEDEDEFKDL	240
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54745 NOS7524 RS17690 WP 015139860.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
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	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSFEQTMRVPIKQLDNLNLI GELVVKRNRLEQDQERLRQFLDNLLNQAQ	
NTDB id 1419 SGL RS12550 WP 010873252.1	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSFEQTMRVPIKQLDNLNLI GELVVKRNRLEQDQERLRQFLDNLLNQAQ	320
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54745 NOS7524 RS17690 WP 015139860.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
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	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMVDRFTGFHLLSQEMI ELIV	
NTDB id 1419 SGL RS12550 WP 010873252.1	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMVDRFTGFHLLSQEMI ELIV	400
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54745 NOS7524 RS17690 WP 015139860.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
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NTDB id 1419 SGL RS12550 WP 010873252.1	RVRESASDIQYLVDETDQVARTLRQVTTQLQEGMTKSRMVPFTQTADRLPRAIREVSMKLNKKVNLEVEGGDVLIDKMIL	480
NTDB id 413 AAK55817.1 141..845( )	RVRESASDIQYLVDETDQVARTLRQVTTQLQEGMTKSRMVPFTQTADRLPRAIREVSMKLNKKVNLEVEGGDVLIDKMIL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54745 NOS7524 RS17690 WP 015139860.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
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NTDB id 1419 SGL RS12550 WP 010873252.1	EHLYNPMTHLVNNAITHGIETPAERQKLGKSPGHLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	560
NTDB id 413 AAK55817.1 141..845( )	EHLYNPMTHLVNNAITHGIETPAERQKLGKSPGHLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54745 NOS7524 RS17690 WP 015139860.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
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NTDB id 1419 SGL RS12550 WP 010873252.1	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVCKGTTFTIRLPLTLSICKALCCLSDRARI	640
NTDB id 413 AAK55817.1 141..845( )	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVCKGTTFTIRLPLTLSICKALCCLSDRARI	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54745 NOS7524 RS17690 WP 015139860.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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NTDB id 1419 SGL RS12550 WP 010873252.1	AFPMDGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLLPLYPLKDLLNYNRQLSRGVSYGKQEEDVVRV I IARGSSGNLL	720
NTDB id 413 AAK55817.1 141..845( )	AFPMDGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLLPLYPLKDLLNYNRQLSRGVSYGKQEEDVVRV I IARGSSGNLL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54745 NOS7524 RS17690 WP 015139860.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
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NTDB id 1419 SGL RS12550 WP 010873252.1	ALQIDQVLGEEEEIVIKQIEGPIPKPPGIAGATVRGDGSIMPIADVLELIEIAQGRRLRTDSSGGLWRKTLTPTM	800
NTDB id 413 AAK55817.1 141..845( )	ALQIDQVLGEEEEIVIKQIEGPIPKPPGIAGATVRGDGSIMPIADVLELIEIAQGRRLRTDSSGGLWRKTLTPTVNEVHMDP	2
NTDB id 374 SMU RS06885 WP 002262930.1	.....	2
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....MEDAFQNL	8
NTDB id 54745 NOS7524 RS17690 WP 015139860.1	.....	2
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	2
consensus	.....	2

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