

logo

	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEQEPTVIQEGEGFGSPSSGEEDPPVRMTLDFNSPE	
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEQEPTVIQEGEGFGSPSSGEEDPPVRMTLDFNSPE	80
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1089672 ACLLO5 RS14840 WP 013193093.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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	AELDALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAELQDLLGVGDVEPAITNPGL	
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	AELDALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAELQDLLGVGDVEPAITNPGL	160
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1089672 ACLLO5 RS14840 WP 013193093.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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	HSFAGADRVTPLTNEVLLFAAIDDL DGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFKDL EA	
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	HSFAGADRVTPLTNEVLLFAAIDDL DGLINAPVLDEEFSFTELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFKDL EA	240
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1089672 ACLLO5 RS14840 WP 013193093.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSEFQTMRVPIKQLDNLSNLIGELVVKRNRLEQDQERLRQFLDNLLNQAQ	
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSEFQTMRVPIKQLDNLSNLIGELVVKRNRLEQDQERLRQFLDNLLNQAQ	320
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1089672 ACLLO5 RS14840 WP 013193093.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMDFRFTGFHLLSQEMI ELIV	
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMDFRFTGFHLLSQEMI ELIV	400
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1089672 ACLLO5 RS14840 WP 013193093.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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NTDB id 413 AAK55817.1 141..845( )	RVRESASDIQYLVDETDQVARTLRQVTTQLQEGMTKSRMVPFTQTADRLPRAIREVSMKLNKKVNLEVEGGDVLIDKMIL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	RVRESASDIQYLVDETDQVARTLRQVTTQLQEGMTKSRMVPFTQTADRLPRAIREVSMKLNKKVNLEVEGGDVLIDKMIL	480
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1089672 ACLLO5 RS14840 WP 013193093.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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NTDB id 413 AAK55817.1 141..845( )	EHLYNPMTHLVNNAITHGIEIPAERQKLGKSPGHLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	EHLYNPMTHLVNNAITHGIEIPAERQKLGKSPGHLAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	560
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1089672 ACLLO5 RS14840 WP 013193093.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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NTDB id 413 AAK55817.1 141..845( )	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVGKGTFTTIRLPLTLSICKALCCLSDRARI	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVGKGTFTTIRLPLTLSICKALCCLSDRARI	640
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1089672 ACLLO5 RS14840 WP 013193093.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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NTDB id 413 AAK55817.1 141..845( )	AFPMDGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLPLYPLKDLLNYNRQLSRGSVYGGKQEEDEVVRV I IARGSSGNLL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	AFPMDGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLPLYPLKDLLNYNRQLSRGSVYGGKQEEDEVVRV I IARGSSGNLL	720
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1089672 ACLLO5 RS14840 WP 013193093.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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NTDB id 413 AAK55817.1 141..845( )	ALQIDQVLGEEEEIVIKQIEGPIPKPPGIAGATVRGDGSI MPIADVLELIEIAQGRRLRTDSSGGLWRKTLTPTVNEVHMDP	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	ALQIDQVLGEEEEIVIKQIEGPIPKPPGIAGATVRGDGSI MPIADVLELIEIAQGRRLRTDSSGGLWRKTLTPTVNEVHMDP	800
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1089672 ACLLO5 RS14840 WP 013193093.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0



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	EY <sup>5</sup> LT <sup>5</sup> HREFELLYHLA <sup>5</sup> HTGQV <sup>5</sup> MTREHLL <sup>5</sup> ETVWGYDYFGDVRTVDVTVRR <sup>5</sup> LR <sup>5</sup> EKI <sup>5</sup> EDTPSRPEYILTRRGVGY <sup>5</sup> YMR <sup>5</sup> NSY <sup>5</sup> D	
NTDB id 413 AAK55817.1 141..845( )	ELDLTHREFELLYHLASHTGQVITREHLL <sup>5</sup> ETVWGYDYFGDVRTVDVTVRR <sup>5</sup> LR <sup>5</sup> EKI <sup>5</sup> EDTPSRPEYILTRRGVGY <sup>5</sup> YMR <sup>5</sup> NNA*	234
NTDB id 374 SMU RS06885 WP 002262930.1	EVELTHREFELLHHLA <sup>5</sup> HTGQV <sup>5</sup> MTREHLL <sup>5</sup> ETVWGYDYFGDVRTVDVTVRR <sup>5</sup> LR <sup>5</sup> EKI <sup>5</sup> EDTPSRPEYILTRRGVGY <sup>5</sup> YMKSYD.	235
NTDB id 1419 SGL RS12550 WP 010873252.1	.....	1095
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
NTDB id 1089672 ACLLO5 RS14840 WP 013193093.1	.....	121
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	121
consensus		

- X non conserved
- X similar
- X ≥ 50% conserved