

logo

NTDB id 413 AAK55817.1 141..845( )	MTSDPNPAQAFENWFEEEEGDDAFTSLIAGEETNSGIEELDFGDLFEQEPTVIQEGEGFGSPSSGEEDPPVRMTLDFNSPE	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 973466 WJM97 RS19235 WP 353930379.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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NTDB id 413 AAK55817.1 141..845( )	AELDALFTDEDAPTTAIDPFESSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDLLGVGDVEPAITNPGL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	AELDALFTDEDAPTTAIDPFESSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDLLGVGDVEPAITNPGL	160
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 973466 WJM97 RS19235 WP 353930379.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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NTDB id 413 AAK55817.1 141..845( )	HSFAGADRVPTLTNEVLLFAAIDDLGLINAPVLDEEFSFTELETIDTPAPKSFATISHPFRLPVAMEEDEDEFKLEA	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	HSFAGADRVPTLTNEVLLFAAIDDLGLINAPVLDEEFSFTELETIDTPAPKSFATISHPFRLPVAMEEDEDEFKLEA	240
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 973466 WJM97 RS19235 WP 353930379.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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NTDB id 413 AAK55817.1 141..845( )	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSFEQTMRVPIKQLDNLSNLI GELVVKRNRLEQDQERLRQFLDNLLNQAQ	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	LLEQADSSLGGGIAGMGGARLPARPRQVKSRSFEQTMRVPIKQLDNLSNLI GELVVKRNRLEQDQERLRQFLDNLLNQAQ	320
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 973466 WJM97 RS19235 WP 353930379.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

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NTDB id 413 AAK55817.1 141..845( )	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMDRFTGFHLLSQEMI ELIV	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	NLSDVGGRMQDLYERTLLEGALLASRSTNSRHSSKTTYPDARITASSSSTMNDQPLDALEMDRFTGFHLLSQEMI ELIV	400
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 973466 WJM97 RS19235 WP 353930379.1	.....	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 973466 WJM97 RS19235 WP 353930379.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

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NTDB id 413 AAK55817.1 141..845( )	EHLYNPMTHLVNNAITHG IETPAERQKLGKSP EGH LAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	EHLYNPMTHLVNNAITHG IETPAERQKLGKSP EGH LAVRAFLQGNQTLITVSDDGAGINTEMVKQKAVEKGLISRMEAQS	560
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 973466 WJM97 RS19235 WP 353930379.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

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NTDB id 413 AAK55817.1 141..845( )	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVKGTTFTIRLPLTSLICKALCCLSDRARI	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	LSQSEVYDLLFHAGFSTKDTADDFAGRGVGLDVVRTSLIDIRGAINIESTVKGTTFTIRLPLTSLICKALCCLSDRARI	640
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 973466 WJM97 RS19235 WP 353930379.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

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NTDB id 413 AAK55817.1 141..845( )	AFPMDGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLPLYPKDLLNYNRQLSRGSVYGGKQEEVDVVRV I IARGSSGNLL	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	AFPMDGVEDTRDYLPKDIVTDEDGQKCVKYGKEALLPLYPKDLLNYNRQLSRGSVYGGKQEEVDVVRV I IARGSSGNLL	720
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 973466 WJM97 RS19235 WP 353930379.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

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NTDB id 413 AAK55817.1 141..845( )	ALQIDQVLGEEEIVIKQIEGPIPKPPGIAGATVRGDGSI MP IADVLELIEIAQGRRLRTDSSGGLWRKTLTPTVNEVHMDP	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	ALQIDQVLGEEEIVIKQIEGPIPKPPGIAGATVRGDGSI MP IADVLELIEIAQGRRLRTDSSGGLWRKTLTPTVNEVHMDP	800
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 973466 WJM97 RS19235 WP 353930379.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		



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NTDB id 413 AAK55817.1 141..845( )  
 NTDB id 374 SMU RS06885 WP 002262930.1  
 NTDB id 1419 SGL RS12550 WP 010873252.1  
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 NTDB id 973466 WJM97 RS19235 WP 353930379.1  
 NTDB id 1417 SGL RS04200 WP 014407071.1  
 consensus

EY <sup>5</sup> LT	HREFELLYHLA <sup>3</sup> HTGQVMTREHLL	ETVWGYDYFGDVRTVDVT	VRRLREKIEDTPSRPEYILTRRGVGYM <sup>RNNR</sup>	
ELDLTHREFELLYHLASHTGQVITREHLL	ETVWGYDYFGDVRTVDVT	VRRLREKIEDTPSRPEYILTRRGVGYM	RNNNA*	234
EVELTHREFELLYHLAHTGQVITREHLL	ETVWGYDYFGDVRTVDVT	VRRLREKIEDTPSRPEYILTRRGVGYM	KSYD.	235
.....	.....	.....	.....	1095
.....	.....	.....	.....	127
.....	.....	.....	.....	121
.....	.....	.....	.....	121

X non conserved  
X similar  
X ≥ 50% conserved