

[illegible]

NTDB id 587 KW2 RS10850 WP 042211510.1	SFSKNVVTQLALVEVHGNIIVGTMQVLVELHKKQLKVKKKLIEVATYPVVLLVFLIGIMWGLKNYLLPQLDKGNFATLLI	156
NTDB id 165097 MGAS27061 RS00585 WP 226316548.1	GFSDAILTQISLADRHGNIETTLVAIQHYLNQMARIIRRTVEVITYPLILLFLFVMMLGLRRIYVPQLETQNQITYFL	159
NTDB id 395 FSA28 RS09400 WP 257638827.1	GFSDDVVTQLALSEVHGNTQSKSLLKIESYLNNILLVKKKLVEVITYPTIILLIFLVVIMLGLKNYLLPQLKKGNFATRLI	158
NTDB id 386 SMU RS09030 WP 255262721.1	GFSDDVVTQLALSEVHGNTQSKSLLKIESYLNNILLVKKKLVEVITYPTIILLIFLVVIMLGLKNYLLPQLERG NFATRLI	158
NTDB id 430 SGO RS09415 WP 012130941.1	GFSDAVVTQLSLAEHLGNLSALLMKIEEYLDNLAKVKKKLIEVATYPMMLLGFLVLMIGLRNYLLPQLSSQNFAQTOLI	159
NTDB id 271 KZH43 RS09260 WP 074196785.1	GCSSAIVTQLSLAEVHGNIHLSLKGIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIATQII	153
NTDB id 230 SPD RS09890 WP 074196785.1	GCSSAIVTQLSLAEVHGNIHLSLKGIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIATQII	153
NTDB id 196 SPR RS09425 WP 074196785.1	GCSSAIVTQLSLAEVHGNIHLSLKGIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIATQII	153
NTDB id 161 SP RS10375 WP 074196785.1	GCSSAIVTQLSLAEVHGNIHLSLKGIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIATQII	153
NTDB id 529 SMSK321 RS09235 WP 080550783.1	GFSSAIVTQLSLAEVHGNIHLSLKGIEEYLDNLAKVKKKLIEVATYPLILLGFLLSIMLGLRNYLLPQLDSS.NIATQII	153
NTDB id 501 SM12261 RS00950 WP 004238896.1	GFSSAIVTQLSLAEVHGNIHLSLKGIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIATQII	153
consensus	* * * * *	

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NTDB id 587 KW2 RS10850 WP 042211510.1	SRLFAEYGIKIDLGLKAGQNFQAVSHFSIFLPELSLMIEYGATKDKLGLELSVYADECWEQFFFSKIDRLMQLIQPLIFI	316
NTDB id 165097 MGAS27061 RS00585 WP 226316548.1	SSLMKELAEIDRMSLLEGQAFHIKVATYPFFKKELSLMIEYGEIKSKLGALELIYAQESWEQFFSGLYQVTQLIQPAIFL	319
NTDB id 395 FSA28 RS09400 WP 257638827.1	SQLFREIGYDMEKALLSGQEFHQKVLDPFFLKELSLMIEYGEVKSCLGNELEIYAEETWEHFFAKLKKATQFVQPLIFV	318
NTDB id 386 SMU RS09030 WP 255262721.1	SQLFREIGYDMEKALLSGQEFHQKVLDPFFLKELSLMIEYGEVKSCLGNELEIYAEETWEHFFAKLKKATQFVQPLIFV	318
NTDB id 430 SGO RS09415 WP 012130941.1	SVLFQEIQQDLGQALQNGQEFSDKTASYPFFKKELSLIIEYGEVKSCLGSELEIYALKTWEEFFGRVNRMTMNLIQPLVFI	319
NTDB id 271 KZH43 RS09260 WP 074196785.1	SQLFKEVGGDLAQTLKNGREFSQTICTYPPFFRKELSLIIEYGEVKSCLGSELEIYAEKTWEAFFTRVNRMTMNLVQPLVFI	313
NTDB id 230 SPD RS09890 WP 074196785.1	SQLFKEVGGDLAQTLKNGREFSQTICTYPPFFRKELSLIIEYGEVKSCLGSELEIYAEKTWEAFFTRVNRMTMNLVQPLVFI	313
NTDB id 196 SPR RS09425 WP 074196785.1	SQLFKEVGGDLAQTLKNGREFSQTICTYPPFFRKELSLIIEYGEVKSCLGSELEIYAEKTWEAFFTRVNRMTMNLVQPLVFI	313
NTDB id 161 SP RS10375 WP 074196785.1	SQLFKEVGGDLAQTLKNGREFSQTICTYPPFFRKELSLIIEYGEVKSCLGSELEIYAEKTWEAFFTRVNRMTMNLVQPLVFI	313
NTDB id 529 SMSK321 RS09235 WP 080550783.1	SQLFKEIGQDLAQSLQNGREFSQTIIATYPFFKKELSLIIEYGEVKSCLGSELEIYAEKTWEAFFTRVNRMTMNLVQPLVFI	313
NTDB id 501 SM12261 RS00950 WP 004238896.1	SQLFKEIGQDMAHALQNGQEFSTICTYPPFFKKELSLIIEYGEVKSCLGSELEIYAEKTWEAFFTRVNRMTMNLVQPLVFI	313
consensus	!*****!*****! *!	

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NTDB id 587 KW2 RS10850 WP 042211510.1	FVALMIVLLYAAMLPIIYSNMGSGI	341
NTDB id 165097 MGAS27061 RS00585 WP 226316548.1	VVAVTIVMTIYAAIILLPIYQNMGGIF	344
NTDB id 395 FSA28 RS09400 WP 257638827.1	FVAIVIVMTIYAAAMLPIYQNMENVNL	343
NTDB id 386 SMU RS09030 WP 255262721.1	FVAIVIVMTIYAAAMLPIYQNMENVNL	343
NTDB id 430 SGO RS09415 WP 012130941.1	FVALMIVLLYAAMLPLIYQNMENVHL	344
NTDB id 271 KZH43 RS09260 WP 074196785.1	FVALIIVLLYAAMLMPMYQNMEVNF	338
NTDB id 230 SPD RS09890 WP 074196785.1	FVALIIVLLYAAMLMPMYQNMEVNF	338
NTDB id 196 SPR RS09425 WP 074196785.1	FVALIIVLLYAAMLMPMYQNMEVNF	338
NTDB id 161 SP RS10375 WP 074196785.1	FVALIIVLLYAAMLMPMYQNMEVNF	338
NTDB id 529 SMSK321 RS09235 WP 080550783.1	FVALIIVLLYAAMLMPMYQNMEVNF	338
NTDB id 501 SM12261 RS00950 WP 004238896.1	FVALIIVLLYAAMLMPMYQNMEVNF	338
consensus	*!!	

- non conserved
- similar
- ≥ 50% conserved