

[illegible]

NTDB id	587 KW2 RS10850 WP 042211510.1
NTDB id	978083 MGAS37828 RS00665 WP 011054115.1
NTDB id	395 FSA28 RS09400 WP 257638827.1
NTDB id	386 SMU RS09030 WP 255262721.1
NTDB id	430 SGO RS09415 WP 012130941.1
NTDB id	271 KZH43 RS09260 WP 074196785.1
NTDB id	230 SPD RS09890 WP 074196785.1
NTDB id	196 SPR RS09425 WP 074196785.1
NTDB id	161 SP RS10375 WP 074196785.1
NTDB id	529 SMSK321 RS09235 WP 080550783.1
NTDB id	501 SM12261 RS00950 WP 004238896.1
consensus	

NTDB id	587 KW2 RS10850 WP 042211510.1	NHLPLVFFSVGALIVLLTSLSIIIFKHISALTNFITFLVKVPLVSSFIRLYLTAYFSREWGNLIAGQVELRQTIELMKKIQK	236
NTDB id	978083 MGAS37828 RS00665 WP 011054115.1	NHFPAFFIGFCSGLILLFGMVWLRWRSQSRLKLYSRLSRYPFLGKLLKQYLTSSYYAREWGTLIGQGGLDMTILDIMAIEK	239
NTDB id	395 FSA28 RS09400 WP 257638827.1	SNFPILFLLGCCFFILLVGIFTTFFSRKISRHLHIGFCSHLPFGKYLLQLYLTA YYAREWGNLIGGGVEMAQIVRLMQDQK	238
NTDB id	386 SMU RS09030 WP 255262721.1	SNFPILFLLGCCFFILLVGIFTTFFSRKISRHLHIGFCSHLPFACKYLLQLYLTA YYAREWGNLIGGGVEMAQIVRLMQDQK	238
NTDB id	430 SGO RS09415 WP 012130941.1	GHLPTIFLLTVLMLLGLTGA IYLVFKGQKRIPVVSFLARLPFVGSFVRILYTAYYAREWGNMGQGLESLSQIFQMIMEQR	239
NTDB id	271 KZH43 RS09260 WP 074196785.1	GNLPQIFLGMVGLVSVLALLALTYFYKRS SKMSVF SILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQ	233
NTDB id	230 SPD RS09890 WP 074196785.1	GNLPQIFLGMVGLVSVLALLALTYFYKRS SKMSVF SILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQ	233
NTDB id	196 SPR RS09425 WP 074196785.1	GNLPQIFLGMVGLVSVLALLALTYFYKRS SKMSVF SILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQ	233
NTDB id	161 SP RS10375 WP 074196785.1	GNLPQIFLGMVGLVSVLALLALTYFYKRS SKMSVF SILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQ	233
NTDB id	529 SMSK321 RS09235 WP 080550783.1	GNLPQIFLGMVGLVSLTL LALTYFYKRS SKMR VFSILARPFLGIFVQTYLTAYYAREWGNMISQGMELTQIFQIMQEQQ	233
NTDB id	501 SM12261 RS00950 WP 004238896.1	GNLPQIFLGMGVFVSGVLLALTYFYKRGSKMR VFSILARLPFLGIFVQTYLTAYYAREWGNMISQGMELTQIFQIMQEQQ	233
consensus		*****!!**!*!***** ***** !!****!!***!!*!!!!!!*!!!*!!*!!*!!*!!*!!*!!*	

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NTDB id 587 KW2 RS10850 WP 042211510.1	SRLFAEYGIKIDLGLKAGQNFQAVSHFSIFLPELSLMIEYGATKDKLGLELSVYADECWEQFFFSKIDRLMQLIQPLIFI	316
NTDB id 978083 MGAS37828 RS00665 WP 011054115.1	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	SVLFQEIQQDLGQALQNGQEFSDKTASYPFFKKELSLIIIEYGEVKSCLGSELEIYALKTWEEFFGRVNRMTMNLIQPLVFI	319
NTDB id 271 KZH43 RS09260 WP 074196785.1	SQLFKEVGGDLAQTLKNGREFSQTICTYPFFRKELSLIIIEYGEVKSCLGSELEIYAEKTWEAFFTRVNRMTMNLVQPLVFI	313
NTDB id 230 SPD RS09890 WP 074196785.1	SQLFKEVGGDLAQTLKNGREFSQTICTYPFFRKELSLIIIEYGEVKSCLGSELEIYAEKTWEAFFTRVNRMTMNLVQPLVFI	313
NTDB id 196 SPR RS09425 WP 074196785.1	SQLFKEVGGDLAQTLKNGREFSQTICTYPFFRKELSLIIIEYGEVKSCLGSELEIYAEKTWEAFFTRVNRMTMNLVQPLVFI	313
NTDB id 161 SP RS10375 WP 074196785.1	SQLFKEVGGDLAQTLKNGREFSQTICTYPFFRKELSLIIIEYGEVKSCLGSELEIYAEKTWEAFFTRVNRMTMNLVQPLVFI	313
NTDB id 529 SMSK321 RS09235 WP 080550783.1	SQLFKEIGQDLAQSLQNGREFSQTIIATYPFFKKELSLIIIEYGEVKSCLGSELEIYAEKTWEAFFTRVNRMTMNLVQPLVFI	313
NTDB id 501 SM12261 RS00950 WP 004238896.1	SQLFKEIGQDMAHALQNGQEFSTICTYPFFKKELSLIIIEYGEVKSCLGSELEIYAEKTWEAFFTRVNRMTMNLVQPLVFI	313
consensus	!*****!*****! *!	

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NTDB id 587 KW2 RS10850 WP 042211510.1	FVALMIVLLYAAMLPIIYSNMGSGI	341
NTDB id 978083 MGAS37828 RS00665 WP 011054115.1	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	*!!	

- X

 non conserved
- X

 similar
- X

 ≥ 50% conserved