

NTDB id 587 KW2 RS10850 WP 042211510.1	MQT	DILRL	LLRPKG	KKLALIKQAK	LIQLMGNLLNNGFN	LGVINFLALSK	LVKEFVFKM	HQGLSSGKSLSE	ILESL	76
NTDB id 317784 MGAS28085 RS00665 WP 227868694.1	MISFLRQ	DISIPS	KLSL	KKLSSKHQHKFI	QLLANLLSTGFSFAE	VIQFLKRSQ	LLQLDYLKMEES	LLKGQDLAD	MLSG	80
NTDB id 395 FSA28 RS09400 WP 257638827.1	.MTFLQQ	DISLKEKHKQ	KKLKI	KQKQKVI	QLFNNLFTSGFNL	TEITDFLERSH	LLAEIYTKK	MRQGILN	GLHLAEIMSS	79
NTDB id 386 SMU RS09030 WP 255262721.1	.MTFLQQ	DISLKEKHKQ	KKLKI	KQKQKVI	QLFNNLFTSGFNL	TEITDFLERSH	LLAEIYTKK	MRQGILN	GLHLAEIMSS	79
NTDB id 430 SGO RS09415 WP 012130941.1	MISFLQQ	DISILSKKQK	KKLGT	SKQKQVIEL	FNNLFTSGGFHLAET	VDFLGRSALL	EKNYVQ	QMRQGL	ANGQAFSEIMAS	80
NTDB id 271 KZH43 RS09260 WP 074196785.1		MDISQVFLR	RRKKL	ATAKQKNI	ITLFNNLFTSGGFHL	VETISFLDRS	ALLDKQCVT	QMRVGL	SQKGSFSEMMES	74
NTDB id 230 SPD RS09890 WP 074196785.1		MDISQVFLR	RRKKL	ATAKQKNI	ITLFNNLFTSGGFHL	VETISFLDRS	ALLDKQCVT	QMRVGL	SQKGSFSEMMES	74
NTDB id 196 SPR RS09425 WP 074196785.1		MDISQVFLR	RRKKL	ATAKQKNI	ITLFNNLFTSGGFHL	VETISFLDRS	ALLDKQCVT	QMRVGL	SQKGSFSEMMES	74
NTDB id 161 SP RS10375 WP 074196785.1		MDISQVFLR	RRKKL	ATAKQKNI	ITLFNNLFTSGGFHL	VETISFLDRS	ALLDKQCVT	QMRVGL	SQKGSFSEMMES	74
NTDB id 529 SMSK321 RS09235 WP 080550783.1		MDISQVFLR	RRKKL	ATAKQKNI	ITLFNNLFTSGGFHL	VETISFLDRS	ALLDKQCVT	QMRVGL	SQKGSFSEMMES	74
NTDB id 501 SM12261 RS00950 WP 004238896.1		MDISQVFLR	RRKKL	ATAKQKNI	ITLFNNLFTSGGFHL	VETISFLDRS	ALLDKQCVT	QMRVGL	SQKGSFSEMMES	74
consensus		*		*****	*****	*****	*****	*****	*****	

NTDB id 587 KW2 RS10850 WP 042211510.1	SFSKNVVTQLALVEVHGNLVGTMQLVELHLKKQKLKVKKKLIEVATYPVVLLVFLIGIMWGLKNYLLPQLDKGNFATLLI	156
NTDB id 317784 MGAS28085 RS00665 WP 227868694.1	GFSDAILTQISLADRHNIIETTLVAIQHYLNQMARRRKTVEVITYPLILLFLFVMMLGLRRYLVPQLETQNQITYFL	159
NTDB id 395 FSA28 RS09400 WP 257638827.1	GFSDDVVTQLALSEVHGNTQKSLLKIESYLNLIILVKKKLVEVITYPIILLIFLVVIMLGLKNYLLPQLEKG.NFATRLI	158
NTDB id 386 SMU RS09030 WP 255262721.1	GFSDDVVTQLALSEVHGNTQKSLLKIESYLNLIILVKKKLVEVITYPIILLIFLVVIMLGLKNYLLPQLERG.NFATRLI	158
NTDB id 430 SGO RS09415 WP 012130941.1	GFSDAVVTQLSLAELHGNLSALLMKIEEYLDNLAKVKKKLIEVATYPMMLLGFLVLIMIGLRNYLLPQLSSQ.NFATQLI	159
NTDB id 271 KZH43 RS09260 WP 074196785.1	GCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLIMLGLRNYYLLPQLDSS.NIATQII	153
NTDB id 230 SPD RS09890 WP 074196785.1	GCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLIMLGLRNYYLLPQLDSS.NIATQII	153
NTDB id 196 SPR RS09425 WP 074196785.1	GCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLIMLGLRNYYLLPQLDSS.NIATQII	153
NTDB id 161 SP RS10375 WP 074196785.1	GCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLIMLGLRNYYLLPQLDSS.NIATQII	153
NTDB id 529 SMSK321 RS09235 WP 080550783.1	GFSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLSIMLGLRNYYLLPQLDSS.NIATQII	153
NTDB id 501 SM12261 RS00950 WP 004238896.1	GFSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLIMLGLRNYYLLPQLDSS.NIATQII	153
consensus	* * * * *	

NTDB id	587 KW2 RS10850 WP 042211510.1	NHLPLVFFSVGALIVLLTSLIIIFKHISALTNFITFLVKVLVSFIRLYLTAYFSREWGNLIAGQVELRQTIELMKKQK	236
NTDB id	317784 MGAS28085 RS00665 WP 227868694.1	NHFPAFFIGFCSGLILLFGMVWLRWRSSRLKLYSRLSRYPFGLKLLKQYLTSYAREWGTLIGQGLEDMLTIMDAIEK	239
NTDB id	395 FSA28 RS09400 WP 257638827.1	SNFPILFLLGCCFFILLVGIFTTFSRKISRHLHIGFCSHLPFVGKYLLQLYLTAYYAREWGNLIGGGVEMAQIVRLMQDQK	238
NTDB id	386 SMU RS09030 WP 255262721.1	SNFPILFLLGCCFFILLVGIFTTFSRKISRHLHIGFCSHLPFAGKYLLQLYLTAYYAREWGNLIGGGVEMAQIVRLMQDQK	238
NTDB id	430 SGO RS09415 WP 012130941.1	GHLPTIFLLTVLMLLGLTGAIYLVFKGQKRIPVYSFLARLPFVGFSVRITYLTAYYAREWGNMGQGLELSQIFQMIMEQR	239
NTDB id	271 KZH43 RS09260 WP 074196785.1	GNLPQIFLG MVGLVSLALLALTIFYKRS SKMS VFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQ	233
NTDB id	230 SPD RS09890 WP 074196785.1	GNLPQIFLG MVGLVSLALLALTIFYKRS SKMS VFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQ	233
NTDB id	196 SPR RS09425 WP 074196785.1	GNLPQIFLG MVGLVSLALLALTIFYKRS SKMS VFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQ	233
NTDB id	161 SP RS10375 WP 074196785.1	GNLPQIFLG MVGLVSLALLALTIFYKRS SKMS VFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQEQQ	233
NTDB id	529 SMSK321 RS09235 WP 080550783.1	GNLPQIFLG MVGLVSLALLALTIFYKRS SKMR VFSILARPFLGIFVQTYLTAYYAREWGNMISQGMELTQIFQIMQEQQ	233
NTDB id	501 SM12261 RS00950 WP 004238896.1	GNLPQIFLG MVGVSLVGLLALTIFYKRG SKMR VFSILARPFLGIFVQTYLTAYYAREWGNMISQGMELTQIFQIMQEQQ	233
consensus		*****!***!*****!*****!****!*!!**!*!!!!!!*!!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*	

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NTDB id 230 SPD RS09890 WP 074196785.1
NTDB id 196 SPR RS09425 WP 074196785.1
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NTDB id 529 SMSK321 RS09235 WP 080550783.1
NTDB id 501 SM12261 RS00950 WP 004238896.1
consensus

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- X non conserved
- X similar
- X $\geq 50\%$ conserved