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logo
NTDB id 1120782 EL116 RS08180 WP 047549150.1  MFYIAISIIVGVLWITNKVLSIFLFILLLFIVFRKSKIIFAPVYLLLIIFSSWYLYISELQLSKHMKSIELNPQINMRVV   80
NTDB id 22 SA RS07995 WP 001557362.1          MLYVALSMIVGVLWNSSKVLSTFLFILLLYITYRKNKIVYAPISLFLIIFSSWYLHYSQQAIFNYINYIERNSQFNERAQ   80
NTDB id 38 MW RS08220 WP 001566670.1          MLYVALSMIVGVLWNSSKVLSTFLFILLLYITYRKNKIVYAPISLFLIIFSSWYLHYSQQAIFNYINYIERNSQFNERAQ   80
consensus                                     !*!*!*!*!!!!!!***!!!!*!!!!!!!*!**!!*!!**!!**!*!!!!!!!!!**!**********!!*!*!*!*!**

logo
NTDB id 1120782 EL116 RS08180 WP 047549150.1  ITAFERQSNNSYKGVLKLNDETYPFYLSGKKIEAVSNLENYNCIVKGQFQINDNKYISIKLLNINEQSCYKFDSNNLIEN  160
NTDB id 22 SA RS07995 WP 001557362.1          VIQIQRQGSDTYKGRLSLKNEIYPFFLTDKKNFDLKKIESRNCIVKGQFKVNENKFVTLKLQSIVVQSCLESNRSNLIEK  160
NTDB id 38 MW RS08220 WP 001566670.1          VIQIQRQGSDTYKGRLSLKNEIYPFFLTNKKNFDLKKIESRNCIVKGQFKVNDNKFVTLKLQSIVVQSCLESNRSNLIEK  160
consensus                                     *****!!****!!!*!*!**!*!!!*!* !!*******!**!!!!!!!!**!*!!****!!**!**!!!******!!!!*

logo
NTDB id 1120782 EL116 RS08180 WP 047549150.1  HKRFIINRIYNSNINYPNQVIALITGDTKLISEEYLDRVKDIGIYHLLAVSGSHIAAIVFLIYQPLKRLNIPIIIIKTFT  240
NTDB id 22 SA RS07995 WP 001557362.1          HKQFIMNRIYDSGIKFPDRIMALITGDVKEINEQFKERVKEIGIYHLLAVSGSHIAAIVFLIYQPLKRLNLPLFVIKGIT  240
NTDB id 38 MW RS08220 WP 001566670.1          HKQFIMNRIYDSGIKFPDRIMALITGDVKEINEQFKERVKEIGIYHLLAVSGSHIAAIVFLIYKPLKRLNLPLFVIKGIT  240
consensus                                     !!*!!*!!!!*!*!**!****!!!!!!*!*!*!****!!!*!!!!!!!!!!!!!!!!!!!!!!*!!!!!!*!***!!**!

logo
NTDB id 1120782 EL116 RS08180 WP 047549150.1  VFILVLFAEYTNYAPSAVRAIIMTCIILIIPNQIRFNCINLLSTAFIIMFISNPQIIYNVGFQFSFIISFFIILLLPFIQ  320
NTDB id 22 SA RS07995 WP 001557362.1          IIVLTLYAQYTNYAPSAVRAIIMTTLVLLITKQIKIKGIQLLAFAFIIMFILNPLVVYDIGFQFSFIISFFIMLLFPFLQ  320
NTDB id 38 MW RS08220 WP 001566670.1          IIVLALFAQYTNYAPSAVRAIIMTTLVLLITKQIKIKGIQLLAFAFIIMFILNPLVVYDIGFQFSFIISFFIMLLFPFLQ  320
consensus                                     ***! !*!*!!!!!!!!!!!!!!!!***!*!**!!****!*!!**!!!!!!!*!!***!**!!!!!!!!!!!!*!!*!!*!

logo
NTDB id 1120782 EL116 RS08180 WP 047549150.1  KLSKIQSLLVITFVAQLASFIVSIPQFHQVQWIGFVTNLVFVPYYSMILFPLSIIFFIISHFPIEFTPLNDLVNLSFDFH  400
NTDB id 22 SA RS07995 WP 001557362.1          QLSKLQSLFIITFIAQLASFIVAIPNFHQLQWVGFLSNLIFVPYYSIILFPLSILFFITSHFIVGLTPLNYLVDLSFNFH  400
NTDB id 38 MW RS08220 WP 001566670.1          QLSKLQSLFIITFIAQLASFIVAIPNFHQLQWVGFLSNLIFVPYYSIILFPLSILFFITSHFIVGLTPLNYLVDLSFNFH  400
consensus                                     *!!!*!!**!!!*!!!!!!!!*!!*!!!*!!*!!**!!*!!!!!!*!!!!!!!*!!!*!!****!!!!*!!*!!!*!!

logo
NTDB id 1120782 EL116 RS08180 WP 047549150.1  NWLLYLFIKINHTNFLIPKINTWTLVVLIIYIYCILWLLANRKFKLTFIYTMVLFMLFFVFPTNQHHRITMLNVGQGDSI  480
NTDB id 22 SA RS07995 WP 001557362.1          DWLLDLFTRIKQSHFSVPKFNDWIFIIFIISVYYIFWLLAKRKYILVTFWTIIILTLLITFPTNSHHKITMLNVGQGDSI  480
NTDB id 38 MW RS08220 WP 001566670.1          DWLLDLFTRIKQSHFSVTKFNDWIFIIFIISVYYIFWLLAKRKYILVTVWTIIILTLLITFPTNSHHKITMLNVGQGDSI  480
consensus                                     *!!!*!!**!****!***!*!*!*****!!**!*!*!!!!*!!**!***!*****!***!!!!*!!*!!!!!!!!!!!!
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logo

NTDB id 1120782 EL116 RS08180 WP 047549150.1  LYEAGNNKNVLIDTGGRVVTDNAQNNFSISKYHILPTLNERGINKLEYLILTHPHNDHIGEVEYIMRHLKIKYLVIYSSS   560
NTDB id 22 SA RS07995 WP 001557362.1          LYEGGKNQNVLIDTGGKVIDDTKQPSYSISKYHILPTLNERGINELEYLILTHPHNDHIGEVEYIISHIKIKHIVIYNKG   560
NTDB id 38 MW RS08220 WP 001566670.1          LYEGGKNQNVLIDTGGKVIDDTKQPSYSISKYHILPTLNERGINELEYLILTHPHNDHIGEVEYIISHIKIKHIEIYNKG   560
consensus                                     !!!*!*!*!!!!!!!!*!**!**!***!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!**!*!!!***!!***

logo

NTDB id 1120782 EL116 RS08180 WP 047549150.1  YNDRMLLSLSNLSKRYNIKLLDVRQVRQFRIGESDFTFLNSYIQGSQDKNEYSIVTLIKYHNKKVLLMGDATKNNEEILL   640
NTDB id 22 SA RS07995 WP 001557362.1          YSSNTLMLLSKLSHKYNIKLMDVRQVSSFKLGDSSFLFFDSFIPNSRDKNEYSIITMITYQNKKVLLMGDASKNNESLLL   640
NTDB id 38 MW RS08220 WP 001566670.1          YSSNTLMLLSKLSHKYNIKLIDVRQVSSFKLGDSSFLFFDSFIPNSRDKNEYSIITMITYQNKKVLLMGDASKNNESLLL   640
consensus                                     !****!**!!*!!**!!!!!*!!!!!**!**!*!*!**!*!**!*!!!!!!!*!*!*!*!!!!!!!!!!*!!!!**!!

logo

NTDB id 1120782 EL116 RS08180 WP 047549150.1  KKYRLPKVDILKVGHHGSKTSSSAQFIEAVQPKISLISSGKNNIYHLPNKEIINRLNSFHSHIYDSQHNGQVTIDLDENL   720
NTDB id 22 SA RS07995 WP 001557362.1          KKYNLPEIDILKVGHHGSKTSSSKEFIEMIKPKISLISSGKNNMYHLPNIEVVKRLQRIRSRIYNSQQNGQVTIDLDDNL   720
NTDB id 38 MW RS08220 WP 001566670.1          KKYNLPEIDILKVGHHGSKTSSSKEFIEMIKPKISLISSGKNNMYHLPNIEVVKRLQRIRSRIYNSQQNGQVTIDLDDNL   720
consensus                                     !!!*!!**!!!!!!!!!!!!!!!!!**!!!***!!!!!!!!!!!!!!!*!!!!!*!***!!****!*!!*!!*!!!!!!!!!*!!

logo

NTDB id 1120782 EL116 RS08180 WP 047549150.1  NVMLN........   725
NTDB id 22 SA RS07995 WP 001557362.1          KVDSNSYGNASGL   733
NTDB id 38 MW RS08220 WP 001566670.1          KVDSNSYGNASGL   733
consensus                                     *!**!********
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X non conserved

X similar

X ≥ 50% conserved