logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  MGVEFLVGRSGSGKTRLIIDSIQDELRREPFGKPIIFLVPDQMTFLMEYELAKTPDIGGMIRAQVFSFSRLAWRVLQHTGGMNRP  85
NTDB id 120 BSU 10620 NP 388943.2           MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTGGMSRP  85
consensus                                   !! !!!!!!!!!!!!*!!! !!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!! !!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  FVTTTGVQMLLRKLIEEHKHDFKVYQKASDKAGFTEQVERMLTEFKRYCIEPEDVRRMAESGTASEYRGERMLSEKLHDLGILYQ  170
NTDB id 120 BSU 10620 NP 388943.2           FLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAESGTASEYRGERVLSEKLHDLSILYQ  170
consensus                                   !*!*!!!!!!!!!!!!!!**!!!!!!!!!! !!! !!!!!!!!!!!!!*!!!!*!!!!!!!!!!!!!!!*!!!!!!!! !!!!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  QMERSLAGHYLHSEDYLTLLAQQIPLADVVKGARVYVDGFYQFTPQELRVLEQLIMHAEHVTFSLTADSPSAEQAPDELDLFRMT  255
NTDB id 120 BSU 10620 NP 388943.2           QMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTADKPSYEREPHELELFRMT  255
consensus                                   !!!*!!! *!!!!!!!!!!!! *!!!!* *!!!**!!!!!!!!!!!! !!!!!!**!!!!*!!!!!!! !! ! !*!!*!!!!!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  GSTYYKLYQTAKELNADISCKELHGTKRHRHVPELACIESQYDVRPAAAYTGGQEAFTVMQAQNRRAELEGIAREIQSLVRDGGY  340
NTDB id 120 BSU 10620 NP 388943.2           GKTYYRLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQAANRRAELEGIAREIHALVREKGY  340
consensus                                   ! !!!*!*! !!!!! !!**!!!*!! !! * !!!! *! !!* !!! *!    !!! !!!!! !!!!!!!!!!!!!* !!!* !!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  RYKDMAILIRQPEDYKDLLKEVFADYGLPYFIDGKASMQHHPLIEFIRSSLDVVKGNWRYEAVFRCAKTELLFPLDQPEQKIREQ  425
NTDB id 120 BSU 10620 NP 388943.2           RYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWRYEAVFRCVKTELLFPLNEPKAKVREQ  425
consensus                                   !!!!*!!! !!!!!!!!**!!!!!!! *!!!!!!!!!! *!!!!!!!!!!!!*!!!!!!!!!!! !!!!!!!!  ! !*!!!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  VDQLENYCIAYGIKGERWTNGERFVYRRFVSLDEDFAQTDQEIEMEHMLNETREWIAAPLIRLQNRMKKAKTVQSMAEALYLFLE  510
NTDB id 120 BSU 10620 NP 388943.2           VDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDDDFAQTDQEIEMENMLNDTRDWIVPPLFQLQKRMKKAKTVQEKAEALYRYLE  510
consensus                                   !!!!!!!!!!!!!!!*!!!! !*!! !!!!!!!!*!!!!!!!!!!!!!*!!!*!!*!! *!! !! !!!!!!!!!  !!!!! *!!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  DTDVPLKLDRKRQRAEEAGNMIEAQQHGQAWDAVIQLLEEFAGMMGEDEISLALFQQMLETGTESLHFSLIPPALDQVFVGNMDL  595
NTDB id 120 BSU 10620 NP 388943.2           ETDVPLKLDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMMGDDEISLDLFQQMIEAGAESLTFSLIPPALDQVFVGNMDL  595
consensus                                   *!!!!!!!!  !!!!!* ! *!!!!!! !!!!!!!!!!!!!  !!!*!!!!! !!!!!*! ! !!!*!!!!!!!!!!!!!!!!!!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  SRIYGTSCTFVIGANDGVLPARPDENGVLSDDDREWLKAVGVELSSAGRERLLDEHFLIYMALSSPSDRLYVSYPIADAEGKTLL  680
NTDB id 120 BSU 10620 NP 388943.2           SRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTIGVELSSGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLL  680
consensus                                   !!*!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  PSIVVNRLGELFPDHQEKLSAADPEQVSEEEQLQYLVNKQVAQTYTASQLRLWTREYEISDVWWSAYNVLMKESDHQRAKKLFSS  765
NTDB id 120 BSU 10620 NP 388943.2           PSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMYVVNKSVAQSFTASQLRLWTREYDISDVWWSTYNVLMSEQDRLQSKKLFSS  765
consensus                                   !!**! !! !!!!*! !*!   *!!!!!*!!!! !*!!! !!!**!!!!!!!!!!!*!!!!!!! !!!!! ! !*   !!!!!!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  LFFRNEAKRLERPVSRQLYGEHIKGSVSRMEAFNACQFSHFASHGLQLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLEWRD  850
NTDB id 120 BSU 10620 NP 388943.2           LFFRNEVKQLERSVSRQLYGERIQGSVSRMETFNACPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLDWRD  850
consensus                                   !!!!!! ! !!!*!!!!!!!!*! !!!!!!! !!!!*!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  LTKDQCRNFSYEAVERLAPKLQKEILLSSNRHFYVKEKLQKIVTRVSGILSEHAKASGFVPVGLELGFGGSGPLPPLTFTLKNGC  935
NTDB id 120 BSU 10620 NP 388943.2           LTKEQCELFSYDAVERLAPKLQKEILLSSNRHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLELGFGGKGPLPPLTFQLKNGC  935
consensus                                   !!!*!!   !!!*!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!! !!!!!!!! !!!!!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  TMELVGRIDRVDKAESSKGLLLRIVDYKSSDRGLDLAEVYYGLALQMLTYLDLSITHSADWLGMKATPAGVLYFHIHDPMIQASL  1020
NTDB id 120 BSU 10620 NP 388943.2           TMELVGRIDRVDKAESSKGLLLRIVDYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLGMRATPAGVLYFHIHDPMIQSNL  1020
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  PMGLDEIEQEIFKKFKMKGLLLGDREAISLMDTTLEEGRSNIVNAGLKKDGSLRSDSAAVSEQDFHLLTDHVRRTFEQAGEAITD  1105
NTDB id 120 BSU 10620 NP 388943.2           PLGLDEIEQEIFKKFKMKGLLLGDQEVVRLMDTTLQEGRSNIINAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITD  1105
consensus                                   !*!!!!!!!!!!!!!!!!!!!!!!! ! * !!!!!! !!!!!!*!!!!!!!!!!!!!!!!! ! *!*!!! !!!!!!   !!! !!!
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logo

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NTDB id 144100 XM40 RS05125 WP 003155148.1  GLVSITPYKLKDKTPCTYCAFKSVCQFDESLKENEYRSLKAEKDGTILDWLKKEADDDANS  1166
NTDB id 120 BSU 10620 NP 388943.2           GRVSIEPYKMKNKTPCTYCAFKSVCQFDESLEENEYRPLKAEKDKTILEWIKKEADGNEHS  1166
consensus                                   ! !!! !!!*! !!!!!!!!!!!!!!!!!!! !!!!!*!!!!!! !!!*!*!!!!!    *!
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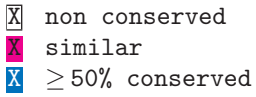
X non conserved
X similar
X ≥ 50% conserved