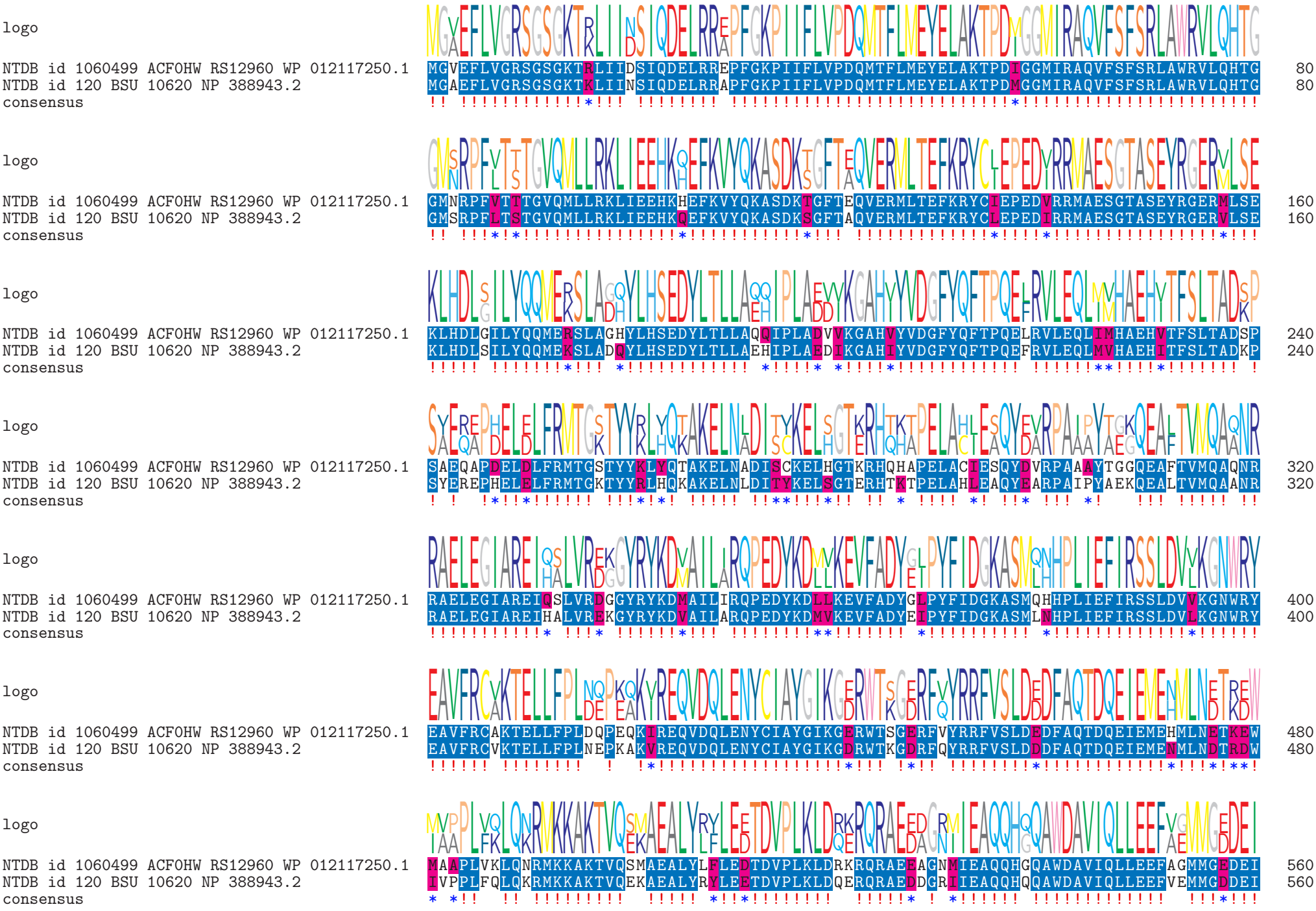
logo
NTDB id 1060499 ACF0HW RS12960 WP 012117250.1 MGVEFLVGRSGSGKTRLIIDSIQDELRREPFGKPIIFLVPDQMTFLMEYELAKTPDIGGMIRAQVFSFSRLAWRVLQHTG 80
NTDB id 120 BSU 10620 NP 388943.2 MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTG 80
consensus
logo
NTDB id 1060499 ACF0HW RS12960 WP 012117250.1 GMNRPFVTTTGVQMLLRKLIEEHKHEFKVYQKASDKTGFTEQVERMLTEFKRYCIEPEDVRRMAESGTASEYRGERMLSE 160
NTDB id 120 BSU 10620 NP 388943.2 GMSRPFLTSTGVQMLLRKLIEEHKQEFKVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMAESGTASEYRGERVLSE 160
consensus
logo
NTDB id 1060499 ACF0HW RS12960 WP 012117250.1 KLHDLGILYQQMERSLAGHYLHSEDYLTLLAQQIPLADVVKGAHVYVDGFYQFTPQELRVLEQLIMHAEHVTFSLTADSP 240
NTDB id 120 BSU 10620 NP 388943.2 KLHDLSILYQQMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFRVLEQLMVHAEHITFSLTADKP 240
consensus
logo
NTDB id 1060499 ACF0HW RS12960 WP 012117250.1 SAEQAPDELDLFRMTGSTYYKLYQTAKELNADISCKELHGTKRHQHAPELACIESQYDVRPAAAYTGGQEAFTVMQAQNR 320
NTDB id 120 BSU 10620 NP 388943.2 SYEREPHELELFRMTGKTYYRLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTVMQAANR 320
consensus
logo
NTDB id 1060499 ACF0HW RS12960 WP 012117250.1 RAELEGIAREIQSLVRDGGYRYKDVAILRQPEDYKDLLKEVFADYGLPYFIDGKASMQHPLIEFIRSSLDVVKGNWRY 400
NTDB id 120 BSU 10620 NP 388943.2 RAELEGIAREIHALVREKGYRYKDVAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWRY 400
consensus
logo
NTDB id 1060499 ACF0HW RS12960 WP 012117250.1 EAVFRCAKTELLFPLDQPEQKIREQVDQLENYCIAYGIKGERWTSGERFVYRRFVSLDEDFAQTDQEIEMEHMLNETKEW 480
NTDB id 120 BSU 10620 NP 388943.2 EAVFRCVKTELLFPLNEPKAKVREQVDQLENYCIAYGIKGDRWTKGDRFQYRRFVSLDDDFAQTDQEIEMENMLNDTRDW 480
consensus
logo
NTDB id 1060499 ACF0HW RS12960 WP 012117250.1 MAAPLVKLQNRMKKAKTVQSMAEALYLFLEDTDVPLKLDRKRQRAEEAGNMIEAQQHGQAWDAVIQLLEEFAGMMGEDEI 560
NTDB id 120 BSU 10620 NP 388943.2 IVPPLFQLQKRMKKAKTVQEKAEALYRYLEETDVPLKLDQERQRAEDDGRIIEAQQHQQAWDAVIQLLEEFVEMMGDDEI 560
consensus

logo

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NTDB id 1060499 ACF0HW RS12960 WP 012117250.1  SLALFQQMLETGTESLHFSLIPPALDQVFVGNMDLSRMYGTSCTFVIGANDGVLPARPDENGVLSDDDREWLKAVGVELS  640
NTDB id 120 BSU 10620 NP 388943.2              SLDLFQQMIEAGAESLTFSLIPPALDQVFVGNMDLSRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTIGVELS  640
consensus                                      !! !!!!!*!  ! !!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!  *!!!!!
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logo

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NTDB id 1060499 ACF0HW RS12960 WP 012117250.1  SAGRERLLDEHFLIYMALSSPSDRLYVSYPIADAEGKTLLPSIVVNRLGELFPDHQEKLSAADPEQVSEEEQLQYLVNKQ  720
NTDB id 120 BSU 10620 NP 388943.2              SGGRERLLDEHFLIYMAFSSPSDRLYVSYPIADAEGKTLLPSMIVKRLEELFPHHKERLLTNEPEQVSDEEQLMYVVNKS  720
consensus                                      !*!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!**! !! !!!!*! !*!   *!!!!!*!!!! !*!!!
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logo

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NTDB id 1060499 ACF0HW RS12960 WP 012117250.1  VAQTYTASQLRLWTREYEISDVWWSAYNVLMKEPDHRRAKKLFSSLFFRNEAKRLERPVSRQLYGEHIKGSVSRMEAFNA  800
NTDB id 120 BSU 10620 NP 388943.2              VAQSFTASQLRLWTREYDISDVWWSTYNVLMSEQDRLQSKKLFSSLFFRNEVKQLERSVSRQLYGERIQGSVSRMETFNA  800
consensus                                      !!!**!!!!!!!!!!!!!*!!!!!!! !!!!! !*!*   !!!!!!!!!!!! ! !!!*!!!!!!!!*! !!!!!!! !!!
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logo

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NTDB id 1060499 ACF0HW RS12960 WP 012117250.1  CQFSHFASHGLQLKERQFFKLDAPDIGQLFHSSLKLISDRLREQKLEWRDLTKDQCRNFSYEAVERLAPKLQKEILLSSN  880
NTDB id 120 BSU 10620 NP 388943.2              CPFSHFASHGLHLKERQFFKLEAPDIGQLFHSSLKLISDRLREQKLDWRDLTKEQCELFSYDAVERLAPKLQKEILLSSN  880
consensus                                      !*!!!!!!!!!*!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!*!!   !!!*!!!!!!!!!!!!!!!!!!
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logo

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NTDB id 1060499 ACF0HW RS12960 WP 012117250.1  RHFYVKEKLQKIVTRVSGILSEHAKASGFVPVGLELGFGGSGPLPPLTFTLKNGCTMELVGRIDRVDKAESSKGLLLRIV  960
NTDB id 120 BSU 10620 NP 388943.2              RHYYVKEKLQKIVTRVSGILSEHAKASGFVPIGLELGFGGKGPLPPLTFQLKNGCTMELVGRIDRVDKAESSKGLLLRIV  960
consensus                                      !!*!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!! !!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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logo

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NTDB id 1060499 ACF0HW RS12960 WP 012117250.1  DYKSSDRGLDLAEVYYGLALQMLTYLDLSITHSEDWLGMKATPAGVLYFHIHDPMIQASLPMGLDEIEQEIFKKFKMKGL  1040
NTDB id 120 BSU 10620 NP 388943.2              DYKSSDKGLDLAEVYYGLALQMLTYLDLSITHSADWLGMRATPAGVLYFHIHDPMIQSNLPLGLDEIEQEIFKKFKMKGL  1040
consensus                                      !!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!*!!!!!!!!!!!!!!!!!   !!*!!!!!!!!!!!!!!!!!!
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logo

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NTDB id 1060499 ACF0HW RS12960 WP 012117250.1  LLGDREAISLMDTTLEEGRSNIVNAGLKKDGSLRSDSAAVSEQDFHLLTDHVRRTFEQAGEAITDGLVSITPYKLKDKTP  1120
NTDB id 120 BSU 10620 NP 388943.2              LLGDQEVVRLMDTTLQEGRSNITNAGLKKDGSLRSDSAAVGEKEFDLLTKHVRRTFQEAGEQITDGRVSIEPYKMKNKTP  1120
consensus                                      !!!!! !  * !!!!!! !!!!!!*!!!!!!!!!!!!!!!!! !  *!*!!! !!!!!!  !!! !!!! !!! !!!*! !!!
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logo

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NTDB id 1060499 ACF0HW RS12960 WP 012117250.1  CTYCAFQSVCQFDESLKENEYRSLKAEKDGTILDWLKKEADDDANS  1166
NTDB id 120 BSU 10620 NP 388943.2              CTYCAFKSVCQFDESLEENEYRPLKAEKDKTILEWIKKEADGNEHS  1166
consensus                                      !!!!!! !!!!!!!!!! !!!!!*!!!!!! !!!*!*!!!!!!   *!
```

X non conserved

X similar

X ≥ 50% conserved