

logo

NTDB id 112801 M036 RS05605 WP 003244988.1
NTDB id 120 BSU 10620 NP 388943.2
consensus

MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTGGMSRP
MGAEFLVGRSGSGKTKLIINSIQDELRRAPFGKPIIFLVPDQMTFLMEYELAKTPDMGGMIRAQVFSFSRLAWRVLQHTGGMSRP
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85

logo

NTDB id 112801 M036 RS05605 WP 003244988.1
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consensus

FLTSTGVQMLLRKLIIEHKQEFKVVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMESGTASEYRGERVNSEKLDLSILYQ
FLTSTGVQMLLRKLIIEHKQEFKVVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMESGTASEYRGERVNSEKLDLSILYQ
FLTSTGVQMLLRKLIIEHKQEFKVVYQKASDKSGFTAQVERMLTEFKRYCLEPEDIRRMESGTASEYRGERVNSEKLDLSILYQ
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logo

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consensus

QMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFVLEQLMVHAEHITFSLTADKPSYEREPHELELFRMT
QMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFVLEQLMVHAEHITFSLTADKPSYEREPHELELFRMT
QMEKSLADQYLHSEDYLTLLAEHIPLAEDIKGAHIYVDGFYQFTPQEFVLEQLMVHAEHITFSLTADKPSYEREPHELELFRMT
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logo

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consensus

GKTTYRHLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTMQAANRRAELEGIAREIHALVREKGY
GKTTYRHLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTMQAANRRAELEGIAREIHALVREKGY
GKTTYRHLHQKAKELNLDITYKELSGTERHTKTPELAHLEAQYEARPAIPYAEKQEALTMQAANRRAELEGIAREIHALVREKGY
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logo

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consensus

RYKDVAAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWRYEAVFRCVKTELLFPLNEPKAKVREQ
RYKDVAAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWRYEAVFRCVKTELLFPLNEPKAKVREQ
RYKDVAAILARQPEDYKDMVKEVFADYEIPYFIDGKASMLNHPLIEFIRSSLDVLKGNWRYEAVFRCVKTELLFPLNEPKAKVREQ
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consensus

VDQLENYCIAYGIKGRWTKGDRFYRRFVSLDDDDFAQTDQEIEMENMLNDRDWINVPPFLQKQKRMKKAKTVQEKAEALRYYLE
VDQLENYCIAYGIKGRWTKGDRFYRRFVSLDDDDFAQTDQEIEMENMLNDRDWINVPPFLQKQKRMKKAKTVQEKAEALRYYLE
VDQLENYCIAYGIKGRWTKGDRFYRRFVSLDDDDFAQTDQEIEMENMLNDRDWINVPPFLQKQKRMKKAKTVQEKAEALRYYLE
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logo

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consensus

ETDVPLKLDQERQRAEDDGRILEAQQHQQAWDAVIQLLEEFVEMMGDDEISLDLFFQQMIEAGAESLTFSLIPPALDQVFGVGMNDL
ETDVPLKLDQERQRAEDDGRILEAQQHQQAWDAVIQLLEEFVEMMGDDEISLDLFFQQMIEAGAESLTFSLIPPALDQVFGVGMNDL
ETDVPLKLDQERQRAEDDGRILEAQQHQQAWDAVIQLLEEFVEMMGDDEISLDLFFQQMIEAGAESLTFSLIPPALDQVFGVGMNDL
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logo

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consensus

SRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTI GVELSSGGRERLLDEHFLIYMAFSSPSDRLVVSYP IADAEGKTL L
SRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTI GVELSSGGRERLLDEHFLIYMAFSSPSDRLVVSYP IADAEGKTL L
SRMYGTSCTFVLGANDGVLPARPDENGVLSDDDREWLKTI GVELSSGGRERLLDEHFLIYMAFSSPSDRLVVSYP IADAEGKTL L
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consensus

P S M I V K R L E E L F P H H K E R L L T N E P E Q V S D E E Q L M Y V V N K S V A Q S F T A S Q L R L W T R E Y D I S D V W W S T Y N V L M S E Q D R L Q S K K L F S S
P S M I V K R L E E L F P H H K E R L L T N E P E Q V S D E E Q L M Y V V N K S V A Q S F T A S Q L R L W T R E Y D I S D V W W S T Y N V L M S E Q D R L Q S K K L F S S
P S M I V K R L E E L F P H H K E R L L T N E P E Q V S D E E Q L M Y V V N K S V A Q S F T A S Q L R L W T R E Y D I S D V W W S T Y N V L M S E Q D R L Q S K K L F S S
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logo

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consensus

L F F R N E V K Q L E R S V S R Q L Y G E R I Q G S V S R M E T F N A C P F S H F A S H G L H L K E R Q F F K L E A P D I G Q L F H S S L K L I S D R L R E Q K L D W R D
L F F R N E V K Q L E R S V S R Q L Y G E R I Q G S V S R M E T F N A C P F S H F A S H G L H L K E R Q F F K L E A P D I G Q L F H S S L K L I S D R L R E Q K L D W R D
L F F R N E V K Q L E R S V S R Q L Y G E R I Q G S V S R M E T F N A C P F S H F A S H G L H L K E R Q F F K L E A P D I G Q L F H S S L K L I S D R L R E Q K L D W R D
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consensus

L T K E Q C E L F S Y D A V E R L A P K L Q K E I L L S S N R H Y Y V K E K L Q K I V T R V S G I L S E H A K A S G F V P I G L E L G F G G K G P L P P L T F Q L K N G C
L T K E Q C E L F S Y D A V E R L A P K L Q K E I L L S S N R H Y Y V K E K L Q K I V T R V S G I L S E H A K A S G F V P I G L E L G F G G K G P L P P L T F Q L K N G C
L T K E Q C E L F S Y D A V E R L A P K L Q K E I L L S S N R H Y Y V K E K L Q K I V T R V S G I L S E H A K A S G F V P I G L E L G F G G K G P L P P L T F Q L K N G C
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consensus

T M E L V G R I D R V D K A E S S K G L L L R I V D Y K S S D K G L D L A E V Y Y G L A L Q M L T Y L D L S I T H S A D W L G M R A T P A G V L Y F H I H D P M I Q S N L
T M E L V G R I D R V D K A E S S K G L L L R I V D Y K S S D K G L D L A E V Y Y G L A L Q M L T Y L D L S I T H S A D W L G M R A T P A G V L Y F H I H D P M I Q S N L
T M E L V G R I D R V D K A E S S K G L L L R I V D Y K S S D K G L D L A E V Y Y G L A L Q M L T Y L D L S I T H S A D W L G M R A T P A G V L Y F H I H D P M I Q S N L
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1020
1020

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consensus

P L G L D E I E Q E I F K K F K M K G L L L G D Q E V R L M D T T L Q E G R S N I I N A G L K K D G S L R S D S A A V G E K E F D L L T K H V R R T F Q E A G E Q I T D
P L G L D E I E Q E I F K K F K M K G L L L G D Q E V R L M D T T L Q E G R S N I I N A G L K K D G S L R S D S A A V G E K E F D L L T K H V R R T F Q E A G E Q I T D
P L G L D E I E Q E I F K K F K M K G L L L G D Q E V R L M D T T L Q E G R S N I I N A G L K K D G S L R S D S A A V G E K E F D L L T K H V R R T F Q E A G E Q I T D
!!

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1105

logo

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consensus

G R V S I E P Y K M K N K T P C T Y C A F K S V C Q F D E S L E E N E Y R P L K A E K D K T I L E W I K K E A D G N E H S
G R V S I E P Y K M K N K T P C T Y C A F K S V C Q F D E S L E E N E Y R P L K A E K D K T I L E W I K K E A D G N E H S
G R V S I E P Y K M K N K T P C T Y C A F K S V C Q F D E S L E E N E Y R P L K A E K D K T I L E W I K K E A D G N E H S
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1166
1166

non conserved
 similar
 $\geq 50\%$ conserved