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UniRef90_UPI000303BEB9 SEEDTEYNNVDTRVLRTRKRRR E V V Q N A V L T G V I Q L D D V M A E K G E K L V I Q P P E P Q Q Q Q
UniRef90_UPI0002E3618B EEEYVE S V N R V L S K R R R E V V Q N A V L T G V I Q L D D V M A E K G E K L V I Q P P E P Q Q Q Q
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UniRef90_E6TVE0 AADILV N V D K V L Q K R R R E V V Q N A V L T G V I Q L D D V M A E K G E K L V I Q P P E P Q Q Q Q
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UniRef90_UPI0003808BB9 EEEAV V H V E A V L R K R R R E V V Q N A V L T G V I Q L D D V M A E K G E K L V I Q P P E P Q Q Q Q

QUERY UniRef90_W8R3B9 UniRef90_C6J1Y1 UniRef90_UPI00036218EB UniRef90_UPI00047CC033 UniRef90_C3ASF4 UniRef90_LOEFX8 UniRef90_UPI000407D5AC UniRef90_W2EEE6 UniRef90_UPI0003699817 UniRef90_W4Q6D7 UniRef90_UPI00047E00C9 UniRef90_UPI000473EAC7 UniRef90_Q65FB9 UniRef90_Q5WDT2 UniRef90_UPI0001E89B6D UniRef90_W7ZVX5 UniRef90_UPI00035EE923 UniRef90_N4W6T8 UniRef90_UPI00040B91B6 UniRef90_S0N4M1 UniRef90_UPI000368B576 UniRef90_Q9K7E0 UniRef90_Q8ENW7 UniRef90_IBUJX3 UniRef90_B7GLN4 UniRef90_Q5WD33 UniRef90_UPI0004134E7B UniRef90_K6CT61 UniRef90_U4TYE2 UniRef90_UPI000303BEB9 UniRef90_UPI0002E3618B UniRef90_E6U2E2 UniRef90_UPI0002E9AE3F UniRef90_W3ABN6 UniRef90_UPI000262748D UniRef90_U1WZU9 UniRef90_UPI000366B696 UniRef90_U4VMME5 UniRef90_R2SWC0 UniRef90_UPI0003040E03 UniRef90_M7NDA4 UniRef90_E6TVE0 UniRef90_F5L6K9 UniRef90_C4L589 UniRef90_E6LHK1 UniRef90_D0BJC3 UniRef90_UPI000477E5BC UniRef90_UPI0002888880 UniRef90_Q2RGZ2 UniRef90_UPI00046EECFD UniRef90_UPI000360852F UniRef90_W4F6M9 UniRef90_UPI000469B7D0 UniRef90_F8FNV0 UniRef90_UPI000468E46B UniRef90_UPI000372493B UniRef90_E3DM44 UniRef90_F5LCX3 UniRef90_UPI000289F619 UniRef90_B2A3S8 UniRef90_UPI000255C549 UniRef90_UPI0003719CDC UniRef90_UPI00037F831B UniRef90_M8DE50 UniRef90_W8TQ03 UniRef90_R2SY60 UniRef90_E1L7L0 UniRef90_UPI00040587C2 UniRef90_K4ZED9 UniRef90_W7YZ89 UniRef90_M1ZLS0 UniRef90_UPI00035F6FD4 UniRef90_D9TP53 UniRef90_F5ZJD6 UniRef90_UPI000378FBA8 UniRef90_K0MTQ3 UniRef90_C8NG23 UniRef90_V6YZW8 UniRef90_D6S3S5 UniRef90_F5LEB3 UniRef90_E0IDP5 UniRef90_W3Y1Z7 UniRef90_S4D2P3 UniRef90_S0KLB7 UniRef90_UPI000309CF97 UniRef90_G5K4S3 UniRef90_F5L4Z7 UniRef90_F5SDI0 UniRef90_UPI0001E895EB UniRef90_R1ATJ5 UniRef90_UPI0003808BB9

N S D S S D D D S S T E G L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
S L L E T D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
D M I A N D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
I I G T D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
I I A T D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
I I K R D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
D M V R H D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
S T V A E D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
E M V K E M D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
T M I K M D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
G T I D R D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
D I V E R D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
S I L E K D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
T I L E T D D E S L Y G G V D E I L A F S I V N V Y G S G Y T N Y G Y I D K V K P P
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S L L A R D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
E M I V H D D E S L Y G G V D E I L A F S I V N V Y G S G L T N Y G Y I D K V K P P
I I E T D D E S L Y G G V D E I L A F S I V N V Y G S G F T N Y G Y I D K V K P P
S I V A A D D E S L F G G V D E T I A L G A T Y G F G S S A V S T F G Y I D R A K P P
E E I V T E D D E S L Y G G V D E I L A L S I V N V Y G S S G F T N Y G Y I D K V K P P
E T I Q R D D E S L Y G G V D E I L A L S I V N V Y G S S S F T N Y G Y I D K V K H
N M V R R D D E S L Y G G V D E I L A L S I V N V Y G S S G F T N Y G Y I D K V K P P
K T I E I D D E S L Y G G V D E I L A L S I V N V Y G S S G L T N Y G Y I D K V K P P
D I L A N D D E S L Y G G V D E I L A L S I V N V Y G S S G F T N Y G Y I D K V K P P
T I V E T D D E S L F G G V D E T L A L G A V L G Y G S S A V T T F G H I D K N K V
E I V Q S D D E S L Y G G V D E I L V A F S I V N V Y G S S G L T N Y G Y I D K V K P P
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G V I E R D D E S L Y G G V D E I V L S L A I V N V Y G S S G F T N Y G Y I D K V K P P
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Q I V D S D D E S L F G G V D E M I G L G A V L T Y G S S A V T T F G H I D K N K V
R T V E I D D E S L Y G G V D E I V A F S I V N V Y G S S G F T N Y G Y I D K V K P P
E M L A Q D D E S L Y G G V D E I V A F S I V N V Y G S S G F T N Y G Y I D K V K P P
S I I A G D D E S L F G G V D E T L A L G S V F G Y G S S A V T T F G H I D K V K P P
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S I V D S D D E S L F G G V D E T I A L G A V Y T Y G S S A V T T F G H I D K N K V
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S I I E Q D D E S L Y G G V D E I V L A L S I V N V Y G S S G F T N F G Y I D K V K P
S I I A S D D E S L F G G V D E T L A I G A V N T Y G S S A V T T F G Y I D K A K P
D I V A K D D E S L Y G G V D E I M A L S I V N V Y G S S G F T N Y G Y I D K V K P P
D L L T K D D E S L Y G G V D E I L A L S I V N V Y G S S G F T N Y G Y I D K V K P P
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S L V E S D D E S L F G G V D E T L A L G S V F G Y G S S A V T T F G H I D K Q K P P
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D I L R N D D E S L Y G G V D E I V A L S I V N V Y G S S G F T N Y G Y I D K V K P P
E M I E N D D E S L Y G G V D E I L A F A I V N V Y G S S G F T N Y G Y I D K V K P P
S I I A R D D E S L Y G G V D E I L P L S I V N V Y G T I G L T S Y G F L D K K K F
T I L D T D D E S L F G G V D E T L A I G S V F G Y G S S A I T T F G Y I D K E K T
Q L L V S D D E S L F G G V D E T L A V G A T Q S Y G S S A L T T Y G H I D K E K V
S L L L T D D P L Y G G V D E T L A V G A T Q S Y G S S G L T N F G Y I D K K P P
S L I D Q D D E S L F G G V D E T I A L G A V S S F G S S A A T T F G Y I D K V K P P
E M V R N D D E S L Y G G V D E I L A F S I V N V Y G S S G F T N Y G Y I D K L K P P
P I I E R D D E S L Y G G V D E I V L A F S I V N V Y G S S G L T N F G Y I D K L K P P
E I I E T D D E S L Y G G V D E I V M A L A I V N V Y G S S G F T N Y G Y I D K L K Y
A I M E A D D E P L Y G G V D E T M A L G S I T S V Y G S M G L T S F G Y I D K E K P
E I L E E D D E S L Y G G V D E I L M A L S I V N V Y G S S G F T N Y G Y I D K V K P P
S I I M T R D D E A L F G G V D E I L A L S I V N V Y G S S G F T N Y G Y I D K V K P P
A L L E K D D E S L Y G G V D E T I A L S I V N V Y G S S G F T N Y G Y I D K V K P P
E M I E N D D E S L Y G G V D E I L A F S I V N V Y G S S G F T N Y G Y I D K V K P P
E M L A N D D E S L Y G G V D E I L A F S I V N V Y G S S G F T N Y G Y I D K L K P P
H M I E T D D E S L Y G G V D E I L A F S I V N V Y G S S G F T N Y G Y I D K V K P P
N M I W N D D E S L Y G G V D E I L A L S I V N V Y G S S G L T N F G Y I D K V K P P
S T I K R D D E P L Y G G V D E I L A L S I T N I Y G S S G L T N F G Y I D K V K P P
D I L M K D D E S L Y G G V D E I L A L S I V N V Y G S S G F T N Y G Y I D K I K P P
T I L M E D D E S L Y G G V D E I L A L S I V N V Y G S S G F T N Y G Y I D K L K P P
K I I A E D D E S L Y G G V D E I V L A F S I V N V Y G S S G F T N Y G Y I D R I K P P
D I L S E D D E P L Y G G V D E I L A L S I V N V Y G S S G F T N Y G Y I D K V K P P
U N I L T S D D E S L Y G G V D E I L G L A I V N V Y G S S G F T N Y G Y I D K V K P P
S L M E N D D E P L Y G G V D E I V L T F S I T N L Y G S S G F T N Y G Y I D K T K P P
E M I Q H D D E S L Y G G V D E I L A L S I V N V Y G S S G F T N F G Y I D K L K P P
D M I M N D D E P L Y G G V D E I V L A L S I V N V Y G S S G F T N F G Y I D K L K P P
R I V T H D D E S L Y G G V D E I L A F S I V N V Y G S S G F T N Y G Y I D K V K P P
N I I E E D D E S L Y G G V D E I L A L S I V N V Y G S S G F T N Y G Y I D K V K P P
E I V E K D D E S L Y G G V D E I L A F S I V N V Y G S S G F T N Y G Y I D K V K P P
D I L M R D D E S L Y G G V D E I V L A Y G I C N L Y G S S A L T N Y G Y I D K V K P P
T I L K K D D E S L Y G G V D E I M A L G S V F G Y G S S G F T N Y G Y I D K E K P P
S I V E N D D E S L F G G V D E T L A L G S V F G Y G S S A V T T F G Y I D K K E V
S I V R E D D E S L F G G V D E T L A L G S V F G Y G S S A V T T F G Y I D K H K P
Y I V E T D D E P L Y G G V D E I T P L S I V N V Y G S S G L T N F G Y I D K E K F
S I I Q K D A S L Y G G V D E I V L A L S I T N I Y G S S G F T N F G Y I D K K P P
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QUERY	130	140	150	
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QUERY

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U N I R E F 9 0 _ F 5 S L A 9
D E E Q K E S V I R V L G K R R E V V Q Q Y A L Y T T G G I V I T E D D I L A A E Q Q K R L L S P E P P L L A
U N I R E F 9 0 _ U P I 0 0 0 4 7 9 3 7 9 6
D D Q Q L E S V D A V L Y K R R E I Q Q H A I L V G G I V I E I D D K L A A E A N N Q K L K L S S E P P L L A
U N I R E F 9 0 _ U P I 0 0 0 3 7 3 2 D 4 6
D D D A S Y A I Q R V L K K R R E V V Q Q N V I M T G G I V I E L D D K L A A E A N A Q K L K L S S E P P L L A
U N I R E F 9 0 _ C 1 C 7 T 8
E E E Q L E N V K V L T T K R R E L M N A M V G L A E L D D R R Q A T E E A G Q V D E P P L L A
U N I R E F 9 0 _ U P I 0 0 0 3 B 7 8 9 5 5
K E E Q E D A S V V D V M H K K R R E L M N A M V G L A E L D D R R L T E E A G Q V D E P P L L A
U N I R E F 9 0 _ C 2 E U 8 2
E E Q Q L E S V E M V L G K R R E V V H A V L T T G G I V I A L D D K M A M E K K N L L D D E P P L L A
U N I R E F 9 0 _ U 7 U J B 6
E E E Q V V N H A V L R K R R E V V H A V L T T G G I V I A L D D V L A A E K K L L L P P S P P L L A
U N I R E F 9 0 _ U P I 0 0 0 3 B 5 6 7 4 1
D V A I H N I L R V L R K R R E V V C N A I L T T G G I V I A L D D K L A A E Q Q N L L P P S P P L L A
U N I R E F 9 0 _ G 3 M B C 5
Y E E Q I E N I Q A V L R K R R E V V Q Q N A I L L T T G G I V I E A L D D M A A E Q Q G V F S P P L L A
U N I R E F 9 0 _ E 4 K N E 3
E E E Q L E N L H H T V L E K R R E V V Q Q N A I L L T T G G I V I A L D D K L A A E K H D T L L E P P L L A
U N I R E F 9 0 _ D 3 T 8 6 3
E Q A R A S N I E S V L S K R R E V V Q Q H A L L T T G G I Q L D D R L A T A E K N L L E E P P L L A
U N I R E F 9 0 _ U P I 0 0 0 4 6 6 7 8 0 F
S E A C L E S V R T V I R K R R E V V Q S Y T I T T G G I V I A L D E L A A T E Q G K R L P P L L A
U N I R E F 9 0 _ M 9 L F 8 1
S V Q Q M E N V E K V L N K R R E I I H A V L T T G G I V I A L D D Q L A A E Q K L L L P P S P P L L A
U N I R E F 9 0 _ P 5 4 1 7 3
T D R Q K E S V I E A V L E K R R E V V Q Q N A I L L T T G G I V I E L D D M L A A E A N G H L L S P P L L A
U N I R E F 9 0 _ U P I 0 0 0 4 2 6 4 6 C 7
E Q Q Q V D S V V N V L K K R R E L Q Q H A I L V G G I V I E L D D E L C Q Q G K L K L S S K P L L A
U N I R E F 9 0 _ K 1 L A E 8
I D I K P V N S V L N K R R E V Q Q H A L I T T G G I N I D D L S V I E N N N F G N Y I E P P L L A
U N I R E F 9 0 _ U P I 0 0 0 4 7 2 5 4 C 6
E E E Q M E S V R T V L G K R R E V V Q Y V M Y T T G G I V I A L D D E L A A E D N G Q V L P P L L A
U N I R E F 9 0 _ F 5 W N T 6
E L A L D S V Q T V L S K R R E V V Q Q N A I L L T T G G I Q L D D I A A E E N G H T L L E P P L L A
U N I R E F 9 0 _ U P I 0 0 0 3 6 D 2 F D B
E L C L N H V E R V V M K R R E V V Q Q H A V L T T G L A I D D L L A A E K K L L S S E P P L L A
U N I R E F 9 0 _ M 5 A C M 9
E L C L N H V E R V V M K R R E V V Q Q H A V L T T G L A I D D L L A A E K K L L S S E P P L L A
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E L C L N H V E R V V M K R R E V V Q Q H A V L T T G L A I D D L L A A E K K L L S S E P P L L A
U N I R E F 9 0 _ D 6 S 7 1 8
E L C L N H V E R V V M K R R E V V Q Q H A V L T T G L A I D D L L A A E K K L L S S E P P L L A
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A E V T D A V L D V L H K R R E V L N N A M V G L A E L D D K M A N K K G M L D D E P P L L A
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D E E Q F E S V D A V L T K R R E V L Q H A V L V G G I Q L D D K L A A E R K G M L S E P P L L A
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D T E A Y N F V V N R L H E R R G V E L L R D I G E L V Y D L Q Q K Y V P S D N L N I L
Y E N T V A K L K E R R H V D L D D I A E I A Y H F Q L R Y L G H S S R K
Y E D V V A M L N A R A G I V E L K D D I A E L V L F G Q R A I I P D G L T M
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S K E V K Q A A L D K L H E R R G V T L S H A I A E I V Y Q M Q A P E Y T L E L T
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Q E E M L R K I N K E T L A R R G V V S E I A E I A Y R Q Q S K Y T E G V S I
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D Q A S F D T I N Y F K S K N V S T K D S L V P L V V E S Q Q K D H V P D L D A
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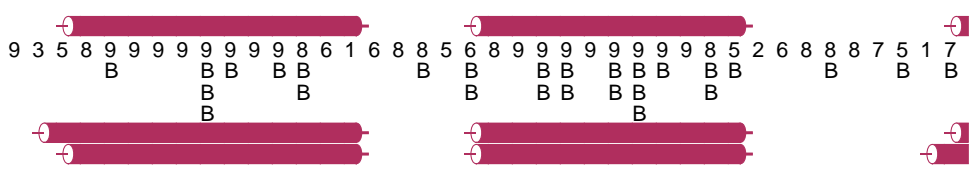
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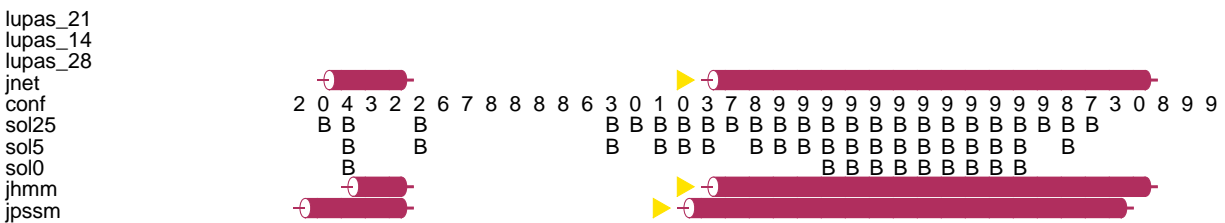


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