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

QUERY UniRef90_A6CM17 UniRef90_W4E3A7 UniRef90_V6T295 UniRef90_D7V0Z8 UniRef90_Q8CWF8 UniRef90_R2SXC3 UniRef90_U4TMM0 UniRef90_UPI00047A58AF UniRef90_X2HBW0 UniRef90_UPI00040E7F1F UniRef90_H7F2W4 UniRef90_N1ZPW2 UniRef90_UPI00047237E3 UniRef90_UPI0004257B46 UniRef90_U2EFZ6 UniRef90_M1Z728 UniRef90_UPI00041FB724 UniRef90_U1EDL8 UniRef90_I8R6Z8 UniRef90_I7JUT8 UniRef90_D1PP19 UniRef90_X0PF31 UniRef90_W4Q2F0 UniRef90_R6MMJ3 UniRef90_K2GRF6 UniRef90_R5UKF7 UniRef90_UPI00028865B2 UniRef90_W7YQJ0 UniRef90_R9KIA0 UniRef90_UPI00047A9E0D UniRef90_UPI00030E7AF3 UniRef90_E1L6G6 UniRef90_F0Z0W2 UniRef90_UPI0003B3F309 UniRef90_UPI000289DE09 UniRef90_C7N925 UniRef90_R5GXK2 UniRef90_C4LAQ0 UniRef90_UPI00024915A2 UniRef90_A0A011VWP8 UniRef90_K2ALF7 UniRef90_R7GV34 UniRef90_A0A033V5G6 UniRef90_W0GMH5 UniRef90_UPI0002FC4FA4 UniRef90_J1PDS5 UniRef90_R6QQN1 UniRef90_UPI0002FAC6D UniRef90_Q5HQ85 UniRef90_R5QWG3 UniRef90_R5K3S4 UniRef90_G9YEG0 UniRef90_UPI00047C8336 UniRef90_F4A5T4 UniRef90_UPI00047D2769 UniRef90_R6CGB2 UniRef90_UPI000471FA23 UniRef90_E0I3P0 UniRef90_E2Z9L3 UniRef90_R5LJP6 UniRef90_UPI0002885A5F UniRef90_A0A011RMG1 UniRef90_K9AYW1 UniRef90_UPI00037F39D6 UniRef90_J3TFN3 UniRef90_UPI0002FF5419 UniRef90_UPI000308C5B6 UniRef90_K1XQY3 UniRef90_C4K3E2 UniRef90_UPI000362517B UniRef90_C5EPP4 UniRef90_M5J9M7 UniRef90_E7MLZ8 UniRef90_R4U4V9 UniRef90_A0A037ZCY9 UniRef90_R6MGP9 UniRef90_R7MIJ5 UniRef90_U7UHD7 UniRef90_R7N6F4 UniRef90_S6G735 UniRef90_UPI0003B4B0A3 UniRef90_D1AG83 UniRef90_R7G7J4 UniRef90_D9R8A2 UniRef90_E0WUD4 UniRef90_UPI000288F090 UniRef90_UPI00047E1580 UniRef90_UPI000369E71E UniRef90_K6CT82 UniRef90_R7GKW3 UniRef90_UPI0002E5B06D

90 100 110 120

A A A H E V I E G Q A S A L E E L D D E Y M R E E R A A D I V R D V T T K R R V L L R N S H L
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H A L K E T A D M F V G M F F E A S M D N E Y M K E E R A A G T A D I R D V V T T K R R V L L S A H L L
S A L H D T T D T F I A G M F F E G M D N E Y M R E E R A A A D I R D V V T T K R R V L L S A H L L
A A L D E V T A D M F I A G M F F E K A M D N E Y M R E E R A A A D I R D V V T T K R R V L L S A H L L
S A L K E V T D M Y I I G M F F E A M D D A Y M Q E E R A A A D I R D V V T T K R R V L L S A H L L
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Y A V K K Q T R D R H F V A I F F E A M D N E Y M K E E R A A S D I K D V V T T N R I L L A K N L
W A V K E T A D H Y I S L F S N I E D E Y L K E E R A A L D I K D V V T S K R R V L L R I L L
A A L D E T A N Q F I T M F F K S M D N E Y M R E E R A A A D I R D V V T T K R R V L L M A H L L
T A L T E V T A N Q F I T M F F D S M D N E Y M K E E R A A A D I R D V V T T K R R V L L S A H L L
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A A L D E T A N M F I D M F F K A M D N E Y M K E E R A A A D I H D V V T S K R R V L L A H L L
Y A V A T T G D T F S E M F F A S M D D D Y M R E E R A A A D I R D V V T S S K R R V L L A H L L
F A L H E I A S Q F I E M F F E N M K S A Y L Q E E R A A A D M R D V V T S S K R R V L L K H L L
Y A V A I T G D N F S E M F F A G M D D E Y M K A R A A D V K D V V T S G K R R V L V R N N L
K A V S D V I D T Y A A I F F E A M E D A Y M K E E R A G A D V K D V V T S G K R R V L D N N L
E A L K E I T D N F I A I F F E G M D N A Y M Q E E R A A A D V R D V V T G T K R R V L M S H L L
F A T A Q T I E T F A A I F F E G M D D P Y M R E E R A G A D V K D V V T G S E R V L M R N M
A A V A T T A D N F A Q M F F A S M D D A Y M Q E E R A A A D V K D V V T S K R R V L L A N L
S A L K E V T D T F I S M F F E A M T D N A Y M Q E E R A A A D I R D V V T S K R R V L L A N L
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K A L H D G I A F Y C D M I S Q L D D P Y L R E E R A A A D L K D I V T S G K R R V L W L K N L
Y A V H T T G E Q F A A V F A S M D D D Y M K A R A S A D V K D I V T S G R V L R I L L
R A I H Q A I E Q Y A S M M A E L D D P Y L R E E R A T D F E R D V V T S G T N R V L I K N V L
Q A L S D V S N N F I Q I F E G M D N A Y M Q A E R A A A D V R D V V T S G T N R V L M A H L L
Y A V A V T A D N F A E M F S S M D D A Y M Q A E R A A A D V K D I V T S D R L I S C L L
H V I N E V I K K F S A E M F S M L D D D A Y M R A E R A S A D I R D V V T S G N R V L I Q N N L
Y A I A L T S D N F A E M F R S M D D A Y M Q A E R A A A D I K D I V T S G N R V L I R N N L
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Y A V A T T G D N F S R M F F A S M D D D Y M K E E R A A A D V K D I V T S E R V L I N V L L
F A A D T U P I 0 0 0 2 F A C 6 D F A A M F F E A M D N D Y F R E E R A A A D I T H R I T A H L L
T G L D E V T T Q F I S I F E S M D N E Y M K E E R A A A D I R D V V T S K R R V L L A H I
A A L D A V T S N S F I A M F F E M M D D A Y F R E E R A A A D I K D V V T S N R R V L L A N L
Y A I G V I T S D N Y A A I F F E A M D D A Y M Q G R A A D V K D V V T S S N R R L L S A Q L
A A V E Q V A Q Q F A E M F F R S M S D A Y M Q E E R A A V D I L D I V T S S R R V L Q G Q L
A V L K E V T D M F I N I F F E G M D D E Y M R E E R A G A D I R D V V T S G S K R R V L M S N L
F A F Q E V T T Q M L E I F E Q S I E D E Y L K E E R A A A D V R D V V T S G K R R V L T Y L L
W A I S L V I E E Y R V V F E A I D D E Y L K E E R A V D L K D V V A N R M I K N L
Y A V S V T G D N F S Q M F F A S M D D D Y M R E E R A A A D V K D I V T S A R I V V K I L L
A A L H N V I S Q M F F K S M D D P Y M Q E E R A A A D I K D V V T S S E R I L A N L
V A V K E A I D H F V T M F D L L D D E Y M K E E R A A L D I K D V V T S G N R R L L K H L
A A V E A T A Q F S E M F F A S M D D A Y M K E E R A A A D V L D I V T S N R R I Q V I Q L
Y A V A V T S D N F A E M F F A M D D A Y M Q A E R A S A D V R D I V T S N R R I I A N L
Y A V D D V L E T F A T M F F A M D N D Y M R E E R A A A D I R D V V T S K R R V L L A H L L
F A F K Q V T D T F I A M F F E G M D D A Y M Q E E R A A A D I R D V V T S R K R R V L A L L L
T A L N E I S T Q F I Q I F F E S M D N A Y M Q E E R A A A D I R D V V T S K R R V L L G H L L
V A V Q E A T D H F V T M F D L L D D E Y M K E E R A A A D I K D V V T G N R R L L K H L
A A V H T T I Q A H A A A L E A L D D E Y L K G R A T A D I H D I V T G S K R R V L L A R N I
Q S L V D T R D Q F V A I F F E G M D N E Y M K E E R A A A D I K D V V T S K R R V L L A H I
K A L Q D S A N Q F I T I F F E S M D N E Y M K E E R A A A D I R D V V T S K R R V L L S Y L
H V F S Q V M E R F I K V F F E S M D D D E Y L K E E R A V S D I K D V V T K R R V L K N L
S A V H F L I E A Q A K E L F E E L D D E Y L K E E R A A V D I R D I T G K R R V L K N M
T A Q Q D V L A D Q F S A M L L E A M D N A Y M Q E E R A A A D V R D V V T K R R V L S H L
Q A L K L T A D E T I E L F A A L D D E Y L R E E R A A A D V R D V V T G G Q I M D C H L
A A L K D I A D M Y I Q M F F E S M D D P Y M A E R A A A D I R D V V T S K R R V L M S H L
Y A A D C V S K M M I S M F F E S M D D E Y M R A A A A D I K D V V T S F R L L C N I
F A I H T V A K F L A M F F E G M D D P Y F K E E R A A A D I K D V V T S D R R L I N K Y L
Y A V K T T S E L A L I F E Q L D D D Y M R E E R A A A D I K D V V T S D R R L I N G I L
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Y A V A Q T S D N F S S M F A A M D D E Y M R G R A A L D V R D I V T S E R L I T I L
Y A T K E V T N K Y Y E L F F E S M M D D A Y F K E E R A S A D I K D V V T A S R I S K H I
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A V W Q G V I N E V A N N Y R H L D D P Y L Q E E R A A D V V D V V T G Q R V L R V L

QUERY	L	G	L
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UniRef90_W4E3A7	L	G	V
UniRef90_V6T295	L	G	I
UniRef90_D7V0Z8	L	G	V
UniRef90_Q8CWF8	L	G	V
UniRef90_R2SXC3	L	G	V
UniRef90_U4TMM0	L	G	V
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UniRef90_R6MMJ3	S	G	
UniRef90_K2GRF6	L		
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UniRef90_C7N925	L	G	M
UniRef90_R5GXK2	A	G	I
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UniRef90_UPI00024915A2	L	G	V
UniRef90_A0A011WPN8	T	G	
UniRef90_K2ALF7	L		
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UniRef90_W0GMH5	L	G	I
UniRef90_UPI0002FC4FA4	L	G	
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UniRef90_F4A5T4	L	G	
UniRef90_UPI00047D2769	L	G	V
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UniRef90_E2Z9L3	C	G	
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UniRef90_K9AYW1	L	G	I
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UniRef90_C4K3E2	L	G	L
UniRef90_UPI000362517B	L	N	
UniRef90_C5EPP4	L	G	
UniRef90_M5J9M7	L		
UniRef90_E7MLZ8	T	G	
UniRef90_R4U4V9	L	N	V
UniRef90_A0A037ZCY9	M	G	
UniRef90_R6MGP9	L		
UniRef90_R7MIJ5	A	K	I
UniRef90_U7UHD7	C	G	
UniRef90_R7N6F4	S	G	
UniRef90_S6G735	L	N	I
UniRef90_UPI0003B4B0A3	L		
UniRef90_D1AG83	L	G	I
UniRef90_R7G7J4	L	G	L
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A S Q L R P E E Q A L F D V Y L G M L D D T A L S G E V V K N I I N K S Q R I W A Q E E
T K K L S K D E L A I F D V H I E L L D D P E M F N Q V V T R I R N S Q R I W A Q E E
T K N L G A D S A Q V F S A H L V M L Q D D P E L I A A V E K L I R Q S E H L N A E E
R E Q A G E D E A E I F A A H Q L L V D D P E L D G Q V R Q A I A G G S T A E E
K A S A G K K E A E I F E G H I Q M M K D P Y M C G E I E K L I D N G G C A E E
R E T F G E E K E A I F F E G H I M L L E D E E L E E I V S F I R S N H A T A D E E
R R S L G E D E A E V F F E V Q I L L M R D V E L R S D A V R A L C A D K R M N V E E
D G H A R A E F S A F L D L L M I L D D P M L S E A T R S M I F A Q T Y C N A E E
P E D A P G E L A A L L E V H L M L L Q D D E V L A A G V R H W V A E R L Y N A E E
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F N E L G D K A A I F F A A H L L V L E D P E L I D A V K G K I E N E K V N A E E
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A A L E Y M C D M F I S M F S A T D D E L T Q Q R A A A D V K D L G K T S M L S I L L
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C D D C A E A L H T F L E A V A E V R R Q L S D
E A L Q T L Q
T

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

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

S Q K A K E K N R F L A A Q Q A A E A E I D R L L E S E
L I T S L Q Q L

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

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

P Q I R A E N R K L A A D G I A P E L E R F R A A V D A V R A R M D K A L A
L A D A I D V A I G E L E R L A E G A
Q Q L
A

E R L E A L

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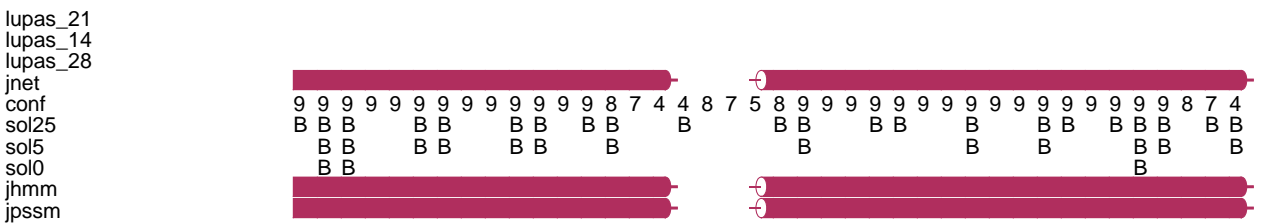
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