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50 60 70 80

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UniRef90_D2VCS2 D L Q Y V D K D L Y H S L S W I R D N H V D E T L C L T F S T T V D H F G E A
UniRef90_B6K0G7 D M E S V D P E L Y R S L K W M L E N D I L E G V I D T T F A T T V D Q Y G K L
UniRef90_I1GH83 D L D S L D K E L Y R G L I Y L K N Y G G D V E D L A L N F T V T D D E F G V S
UniRef90_UPI0004560BEA

QUERY UniRef90_UPI0002654FC7 UniRef90_F1KPI7 UniRef90_W8AVY2 UniRef90_E0VVC4 UniRef90_Q2QSH6 UniRef90_J0D5P6 UniRef90_N1J6V6 UniRef90_R9AGN9 UniRef90_L0PAK7 UniRef90_UPI0003ACB5D9 UniRef90_V9K803 UniRef90_L8H3W1 UniRef90_A8PR54 UniRef90_H3CTL1 UniRef90_F4PUX3 UniRef90_UPI0001A62C13 UniRef90_M2MTR5 UniRef90_V9DLV9 UniRef90_S6E7Y3 UniRef90_R9AVD4 UniRef90_UPI00035991C7 UniRef90_B6K793 UniRef90_U6IR75 UniRef90_E2B869 UniRef90_A0A024TF94 UniRef90_F4SB30 UniRef90_UPI00021A5860 UniRef90_UPI0004561B98 UniRef90_C4R3D7 UniRef90_Q00WM5 UniRef90_UPI00046C15F4 UniRef90_M3JTT6 UniRef90_L8X6F7 UniRef90_A0A059LI03 UniRef90_R5A3G1 UniRef90_K1PYV3 UniRef90_Q2GPE0 UniRef90_A0C570 UniRef90_UPI00035010B0 UniRef90_Q5CHN2 UniRef90_Q7PQR5 UniRef90_U6HTN6 UniRef90_F2U5I7 UniRef90_Q8K4P8 UniRef90_UPI0003EC4856 UniRef90_Q2GTP7 UniRef90_G7YRC1 UniRef90_J9VUQ8 UniRef90_F2U154 UniRef90_D2XNH4 UniRef90_M7XM51 UniRef90_D6WYJ4 UniRef90_E9GIQ7 UniRef90_E9C1C3 UniRef90_E9FVX6 UniRef90_F6Q9X1 UniRef90_V5JJ8 UniRef90_B8C0V6 UniRef90_T2M5N9 UniRef90_A0A024W905 UniRef90_G7YT28 UniRef90_T2M775 UniRef90_S7PUQ5 UniRef90_UPI0004449E68 UniRef90_R9AKY8 UniRef90_W2SYA9 UniRef90_D9I030 UniRef90_B3RVX8 UniRef90_R7SLN0 UniRef90_T1EG73 UniRef90_B3RPH2 UniRef90_V4B0J2 UniRef90_UPI00032AAB45 UniRef90_I1FCF7 UniRef90_I3KTA4 UniRef90_UPI0003946B9A UniRef90_G4T674 UniRef90_S8E131 UniRef90_X6MI63 UniRef90_UPI000161DBD9 UniRef90_E4X0S8 UniRef90_H9G8G5 UniRef90_W5ABG8 UniRef90_R9P2H8 UniRef90_F7DAC1 UniRef90_U9TQU0 UniRef90_H2YQB6 UniRef90_D2VCS2 UniRef90_B6K0G7 UniRef90_I1GH83 UniRef90_UPI0004560BEA

210 220 230 240

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

QUERY UniRef90_UPI0002654FC7 UniRef90_F1KPI7 UniRef90_W8AVY2 UniRef90_E0VVC4 UniRef90_Q2QSH6 UniRef90_J0D5P6 UniRef90_N1J6V6 UniRef90_R9AGN9 UniRef90_L0PAK7 UniRef90_UPI0003ACB5D9 UniRef90_V9K803 UniRef90_L8H3W1 UniRef90_A8PR54 UniRef90_H3CTL1 UniRef90_F4PUX3 UniRef90_UPI0001A62C13 UniRef90_M2MTR5 UniRef90_V9DLV9 UniRef90_S6E7Y3 UniRef90_R9AVD4 UniRef90_UPI00035991C7 UniRef90_B6K793 UniRef90_U6IR75 UniRef90_E2B869 UniRef90_A0A024TF94 UniRef90_F4SB30 UniRef90_UPI00021A5860 UniRef90_UPI0004561B98 UniRef90_C4R3D7 UniRef90_Q00WM5 UniRef90_UPI00046C15F4 UniRef90_M3JTT6 UniRef90_L8X6F7 UniRef90_A0A059LI03 UniRef90_R5A3G1 UniRef90_K1PYV3 UniRef90_Q2GPE0 UniRef90_A0C570 UniRef90_UPI00035010B0 UniRef90_Q5CHN2 UniRef90_Q7PQR5 UniRef90_U6HTN6 UniRef90_F2U5I7 UniRef90_Q8K4P8 UniRef90_UPI0003EC4856 UniRef90_Q2GTP7 UniRef90_G7YRC1 UniRef90_J9VUQ8 UniRef90_F2U154 UniRef90_D2XNH4 UniRef90_M7XM51 UniRef90_D6WYJ4 UniRef90_E9GIQ7 UniRef90_E9C1C3 UniRef90_E9FVX6 UniRef90_F6Q9X1 UniRef90_V5JJ8 UniRef90_B8C0V6 UniRef90_T2M5N9 UniRef90_A0A024W905 UniRef90_G7YT28 UniRef90_T2M775 UniRef90_S7PUQ5 UniRef90_UPI0004449E68 UniRef90_R9AKY8 UniRef90_W2SYA9 UniRef90_D9I030 UniRef90_B3RVX8 UniRef90_R7SLN0 UniRef90_T1EG73 UniRef90_B3RPH2 UniRef90_V4B0J2 UniRef90_UPI00032AAB45 UniRef90_I1FCF7 UniRef90_I3KTA4 UniRef90_UPI0003946B9A UniRef90_G4T674 UniRef90_S8E131 UniRef90_X6MI63 UniRef90_UPI000161DBD9 UniRef90_E4X0S8 UniRef90_H9G8G5 UniRef90_W5ABG8 UniRef90_R9P2H8 UniRef90_F7DAC1 UniRef90_U9TQU0 UniRef90_H2YQB6 UniRef90_D2VCS2 UniRef90_B6K0G7 UniRef90_I1GH83 UniRef90_UPI0004560BEA

250 260 270 280

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

QUERY UniRef90_UPI0002654FC7 UniRef90_F1KPI7 UniRef90_W8AVY2 UniRef90_E0VVC4 UniRef90_Q2QSH6 UniRef90_J0D5P6 UniRef90_N1J6V6 UniRef90_R9AGN9 UniRef90_L0PAK7 UniRef90_UPI0003ACB5D9 UniRef90_V9K803 UniRef90_L8H3W1 UniRef90_A8PR54 UniRef90_H3CTL1 UniRef90_F4PUX3 UniRef90_UPI0001A62C13 UniRef90_M2MTR5 UniRef90_V9DLV9 UniRef90_S6E7Y3 UniRef90_R9AVD4 UniRef90_UPI00035991C7 UniRef90_B6K793 UniRef90_U6IR75 UniRef90_E2B869 UniRef90_A0A024TF94 UniRef90_F4SB30 UniRef90_UPI00021A5860 UniRef90_UPI0004561B98 UniRef90_C4R3D7 UniRef90_Q00WM5 UniRef90_UPI00046C15F4 UniRef90_M3JTT6 UniRef90_L8X6F7 UniRef90_A0A059LI03 UniRef90_R5A3G1 UniRef90_K1PYV3 UniRef90_Q2GPE0 UniRef90_A0C570 UniRef90_UPI00035010B0 UniRef90_Q5CHN2 UniRef90_Q7PQR5 UniRef90_U6HTN6 UniRef90_F2U5I7 UniRef90_Q8K4P8 UniRef90_UPI0003EC4856 UniRef90_Q2GTP7 UniRef90_G7YRC1 UniRef90_J9VUQ8 UniRef90_F2U154 UniRef90_D2XNH4 UniRef90_M7XM51 UniRef90_D6WYJ4 UniRef90_E9GIQ7 UniRef90_E9C1C3 UniRef90_E9FVX6 UniRef90_F6Q9X1 UniRef90_V5JJ8 UniRef90_B8C0V6 UniRef90_T2M5N9 UniRef90_A0A024W905 UniRef90_G7YT28 UniRef90_T2M775 UniRef90_S7PUQ5 UniRef90_UPI0004449E68 UniRef90_R9AKY8 UniRef90_W2SYA9 UniRef90_D9I030 UniRef90_B3RVX8 UniRef90_R7SLN0 UniRef90_T1EG73 UniRef90_B3RPH2 UniRef90_V4B0J2 UniRef90_UPI00032AAB45 UniRef90_I1FCE7 UniRef90_I3KTA4 UniRef90_UPI0003946B9A UniRef90_G4T674 UniRef90_S8E131 UniRef90_X6MI63 UniRef90_UPI000161DBD9 UniRef90_E4X0S8 UniRef90_H9G8G5 UniRef90_W5ABG8 UniRef90_R9P2H8 UniRef90_F7DAC1 UniRef90_U9TQU0 UniRef90_H2YQB6 UniRef90_D2VCS2 UniRef90_B6K0G7 UniRef90_I1GH83 UniRef90_UPI0004560BEA

290 300 310 320

N T E Y H K Y Q S N S L Q Q I Q W F W R A L R S S F F D D Q A D T R A K F F L V Q F V T G T S S
N T E Y H K Y Q S N S L Q Q I Q W F W R A L R S S F F D D Q A D T R A K F F L V Q F V T G T S S
N T E Y H K Y T S K S L Q Q I Q W F W R A L R S S F F D D Q A D T R A K F F L V Q F V T G T S S
N T E Y N K Y S R N S L Q Q I Q W F W R A L R S S F F D D Q A D T R A K F F L V Q F V T G T S S
U n i R e f 9 0 _ Q 2 Q S H 6 N T E Y S G Y S L A S P V I Q W F W E L V R Q G F S R K E D D K A K F L L Q F V T G T S S
A T E Y N G Y T P S D P V I V W W W R A L K S R F D D Q A D T R A K F F L V Q F V T G T S S
N T E Y H N Y S T S S A Q I Q W F W R A V R S S F F D D K S T E R A K F L L Q F V T G T S S
Q T D Y H G F T P S S D P Q I G W F W R V L R S S F F D D S T Q R A K S F L L Q F V T G T S S
N T E Y Y N Y T A S S P Q I Q W F W R A V R S S F F D D S T Q R A K S F L L Q F V T G T S S
U n i R e f 9 0 _ U P I 0 0 0 3 A C B 5 D 9 N T I Y R H Y T K N S K Q I Q W F W Q V V K E M D N E K R L R L L L Q F V T G T S S
U n i R e f 9 0 _ V 9 K 8 0 3 N A I Y R N Y N R N S K Q I Q W F W K I V N S K E M D N E K R L R L L L Q F V T G T S S
U n i R e f 9 0 _ L 8 H 3 W 1 N T L Y T G F S S S P A I Q W F W K I V N S K E M D N E K R L R L L L Q F V T G T S S
U n i R e f 9 0 _ A 8 P R 5 4 F T D Y R G F T E Q D D V V Q W F W Q C V Q Q W P A E Q R S R L L L Q F V T G T S S
U n i R e f 9 0 _ H 3 C T L 1 N T E Y R H Y T R N S K Q I L W F W Q L V K E V D N E V R L R L L L M Q F V T G T S S
U n i R e f 9 0 _ F 4 P U X 3 N T E Y T G Y T A E S P Q I N W F W N V V E K L S D N E E K A L L L L Q F V T G T S S
U n i R e f 9 0 _ U P I 0 0 0 1 A 6 2 C 1 3 N T T Y S K Y Q P N S P Q I E W F W Q A L E S F D D Q E D L A R F L L Q F V T G T S S
U n i R e f 9 0 _ M 2 M T R 5 N T E Y H N Y Q A T S S Q Q V Q W F W R A V R S S F F D D N E E K A K L L L Q F V T G T S S
U n i R e f 9 0 _ V 9 D L V 9 H T E Y H N Y N G S S P Q V V W F W R I V R G M S D N E E K A K L L L Q F V T G T S S
U n i R e f 9 0 _ S 6 E 7 Y 3 N T T Y V N Y T E P N C K Q V N Y F W R A V R S S F F D D A E E R A K L L L Q F V T G T S S
U n i R e f 9 0 _ R 9 A V D 4 H T D Y R G Y T E S D Q V V Q W F W N V V K N W P T N E K K S R L L L Q F V T G T S S
U n i R e f 9 0 _ U P I 0 0 0 3 5 9 9 1 C 7 N T T Y R H Y Q R N S K Q V A W F W M V R E I D N E K R T R L L L Q F V T G T S S
U n i R e f 9 0 _ B 6 K 7 9 3 N T E Y R T Y T S T D Q V V V W F W D I L S S W E N E K R S R L L L Q F V T G T S S
U n i R e f 9 0 _ U 6 I R 7 5 N T S Y N K Y E L N A P Q V L W F W K A M E S T R T D S E E K R A R L L L Q F V T G T S S
U n i R e f 9 0 _ E 2 B 8 6 9 N T I Y R H Y T R N S K Q I L W F W Q F V T R T D S E E K R A R L L L Q F V T G T S S
U n i R e f 9 0 _ A 0 A 0 2 4 T F 9 4 N T D Y A N Y K P T D R V I R W F W N A L Y A F T H E E R A L F I L Q F V T G T S S
U n i R e f 9 0 _ F 4 S B 3 0 N T E L H R N F Q Q S D S T V T W F W R A V R S S F F D D Q E E R A K L L L Q F V T G T S S
U n i R e f 9 0 _ U P I 0 0 0 2 1 A 5 8 6 0 N T I Y R N Y I T R G S K Q I Q W F W Q T V R M D N E K R A V R L L L Q F V T G T S S
U n i R e f 9 0 _ U P I 0 0 0 4 5 6 1 B 9 8 N T E L H G Y S S G D A V I Q W W W R A V R S S F F D D Q T E K A K L L L Q F V T G T S S
U n i R e f 9 0 _ C 4 R 3 D 7 N A V Y E N Y S P S S L Q I Q W F W R A V R S S F F D D V E E R A K L L L Q F V T G T S S
U n i R e f 9 0 _ Q 0 0 W M 5 N T E Y T G F N V G S R Q I R W F W D I V R E M S K E D L A R L L L M F C A T G T S S
U n i R e f 9 0 _ U P I 0 0 0 4 6 C 1 5 F 4 N T E Y R G Y H D Q H P V V V W F W Q A I E R F S N E Q R L R L L L Q F V T G T S S
U n i R e f 9 0 _ M 3 J T T 6 N T D Y R G Y S E S D V T V Q L F W K V I E E W S P E R K S R L L L Q F V T G T S S
U n i R e f 9 0 _ L 8 X 6 F 7 Y T D Y R G Y E L N D E V I Q W F W Q C I R S W P P E R K S R L L L Q F V T G T S S
U n i R e f 9 0 _ A 0 A 0 5 9 L I 0 3 N T E Y H G H A P S S P T V R W F W E T V A M G K Q E D Q A L L V Q F V T G T S S
U n i R e f 9 0 _ R 5 A 3 G 1 H T D Y R G Y T E T D E I Q M F F K L V T E K F D N E K R A R L L L Q F V T G T S S
U n i R e f 9 0 _ K 1 P Y V 3 N T E Y R S Y H D Q H Q V I Q W F W Q A I L E K F D N E K R A R L L L Q F V T G T S S
U n i R e f 9 0 _ Q 2 G P E 0 N T E Y H N Y T A A S Q Q I Q W F W R L E S F F D D K S K R A A F L L Q F V T G T S S
U n i R e f 9 0 _ A 0 C 5 7 0 N T E Y H G Y D K G D K V I Q W F W E L L E S F F D D K S K R A A F L L Q F V T G T S S
U n i R e f 9 0 _ U P I 0 0 0 3 5 0 1 0 B 0 N T Y K G D Y H A N S L V V I Q W F W R V V L L S R R L L L Q F V T G T S S
U n i R e f 9 0 _ Q 5 C H N 2 N T D Y H N Y D R K S Q Q I I W F W E C L K E F F D N E M R L A T F L V Q F V T G T S S
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U n i R e f 9 0 _ U 6 H T N 6 N T V Y R K D Y N A S K Q V I W F W R A F V H S F D N E M R A R L L L Q F V T G T S S
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U n i R e f 9 0 _ Q 8 K 4 P 8 N T E Y R G Y H D G H L V I R W F W A V A V E R F D N A E K R L R L L L Q F V T G T S S
U n i R e f 9 0 _ U P I 0 0 0 3 E C 4 8 5 6 H T I Y K N Y C P H N P V I Q W F W A A V L L M D A E K R L R L L L Q F V T G T S S
U n i R e f 9 0 _ Q 2 G T P 7 H T D Y R G Y T E S D E V I Q F F W Q T V R S W D G E Q K S R L L L Q F V T G T S S
U n i R e f 9 0 _ G 7 Y R C 1 N T V Y L K Y T R S S K Q I V W F W K F V Q G L D N E K R A R L L L Q F V T G T S S
U n i R e f 9 0 _ J 9 V U Q 8 A T Q L N G W K A T D P Q V A W F W R A L R S F S Q E E R S R L L L M F V T G T S S
U n i R e f 9 0 _ F 2 U 1 5 4 H T V Y D G Y T N R S Q V I G W F W Q A I S S L N M Q E E R A R V L Q F V T G T S S
U n i R e f 9 0 _ D 2 X N H 4 N T V Y R E Y H A N H L V I Q F F W R A I L S F D N E K R A R V L Q F V T G T S S
U n i R e f 9 0 _ M 7 X M 5 1 H T D Y R G Y T A T D Q V V R W F W Q A V K S W P A E K R S R L L L Q F V T G T S S
U n i R e f 9 0 _ D 6 W Y J 4 H T R L K H C T P E T P V V Q W F W Q V V E S Y S E E M R A R L L L Q F V T G T S S
U n i R e f 9 0 _ E 9 G I Q 7 N T R L K H C T A E T P V V Q W F W Q L V E S Y S E E L T A R L L L Q F V T G T S S
U n i R e f 9 0 _ E 9 C 1 C 3 N T I Y R S Y T P T S K Q V K W F W Q A V R S F D A E T K A R L L L Q F V T G T S S
U n i R e f 9 0 _ E 9 F V X 6 N T E Y R S Y H D Q H D V I K W F W E A I D R F T N E Q R L R L L L Q F V T G T S S
U n i R e f 9 0 _ F 6 Q 9 X 1 N T N Y K D Y S A N H V I Q W F W R A V L L M D P E L R V R L L L Q F V T G T S S
U n i R e f 9 0 _ V 5 J J 8 H T V Y K G Y H A N H V V V Q W F W R L V L S F S N E M R S R L L L Q F V T G T S S
U n i R e f 9 0 _ B 8 C 0 V 6 N T D Y N G Y R P A D Q Q I C W F W N I M F S L S R S E K A A F L L Q F V T G T S S
U n i R e f 9 0 _ T 2 M 5 N 9 N T V Y R T Y K T S K Q I L W F W Q A V K S F F D N E K K S R L L L Q F V T G T S S
U n i R e f 9 0 _ A 0 A 0 2 4 W 9 0 5 N V E Y H N Y T A N S L Q I L W F W D V L Q E F D E N K K A S F L Q F V T G T S S
U n i R e f 9 0 _ G 7 Y T 2 8 N T I Y K K Y T E R C K E I Q W F W Q F V R E L P Q E K R V R L L L Q F V T G T S S
U n i R e f 9 0 _ T 2 M 7 7 5 N T Q Y R S Y H D K H V V I Q W F W K A V Q T F D D Q E M K A R L L L Q F V T G T S S
U n i R e f 9 0 _ S 7 P U Q 5 H T N Y G S Y D D N H P T I V M F W N V V N T F N Q D Q R K A L L R F V T G T S S
U n i R e f 9 0 _ U P I 0 0 0 4 4 4 9 E 6 8 F T D Y R G Y A K T D Q V I S W F W E I L R S W P T E R K A R L L L Q F V T G T S S
U n i R e f 9 0 _ R 9 A K Y 8 H T V Y N N Y S E A D E V I L N F W S V V R S F N D N E K E K E L L S F V T G T S S
U n i R e f 9 0 _ W 2 S Y A 9 H T V Y K G Y G P S S Q V I H N F W K C I L S F D N E M R A R V L Q F V T G T S S
U n i R e f 9 0 _ D 9 I 0 3 0 H T R L K H C T W E S N I V R W F W R A M D S F D D N E M R A R M L Q F V T G T S S
U n i R e f 9 0 _ B 3 R V X 8 N T V Y K H Y T K N S K Q V M W F W Q F V R D R K N E Q R L R L L L Q F V T G T S S
U n i R e f 9 0 _ R 7 S L N 0 N T Q Y G G Y D D H H L T I Q L F W E V V N E L S H E D R R K L L R F A T S C S S
U n i R e f 9 0 _ T 1 E G 7 3 N T R L K H C T S S S D V V V W F W R A V E E Y D E E R R A R L L L Q F V T G T S S
U n i R e f 9 0 _ B 3 R P H 2 N T R L K H C T P S T D V V K W F W Q I V D S Y C H E E E R M R L L L Q F V T G T S S
U n i R e f 9 0 _ V 4 B 0 J 2 H T Y K G E Y N P N H P T I H F W R V Y S F H E E E R A R L L L Q F V T G T S S
U n i R e f 9 0 _ U P I 0 0 0 3 2 A A B 4 5 H T N Y G S Y H S E H I V I E I F W E V L K G F S M E N Q K K F L K F V T G T S S
U n i R e f 9 0 _ I 1 F C E 7 N T E Y S G Y T A T D L P V V W F W K A V E N F D D E E M R A R L L L Q F V T G T S S
U n i R e f 9 0 _ I 3 K T A 4 T T E Y D G Y S A T S Q I I K D F W E V V H S F G E E Q K R L F L Q F V T G T S S
U n i R e f 9 0 _ U P I 0 0 0 3 9 4 6 B 9 A N T R L K H C T P D S N I V K W F W K A V E L F D E E R R A R L L L Q F V T G T S S
U n i R e f 9 0 _ G 4 T 6 7 4 V V Y G G L Y D D N H P T I R M F W R V C E S L D Q E E R R Q K L R F V T S C S A
U n i R e f 9 0 _ S 8 E 1 3 1 H T N Y G G Y D D H A P T I Q L F W K V A D S F D Q E E Q R R K L R F A T S C S S
U n i R e f 9 0 _ X 6 M I 6 3 N T Q Y F R Y T K D S P Q I K W F W E T V Q E M D K E E Q A L L L L Q F M T G T S S
U n i R e f 9 0 _ U P I 0 0 0 1 6 1 D B D 9 N T V Y R H Y A P Q S K Q V I W F W Q F V R S L D Q V V K R S R L L L Q F V T G T S S
U n i R e f 9 0 _ E 4 X 0 S 8 N T K Y G H L A T D T E L V T W F W S I V R S M D D V N R A R L L L Q F V T G T S S
U n i R e f 9 0 _ H 9 G 8 G 5 N T E Y T S Y E K D D P V I Q W F W E V V E E L S Q E E R V L L L L Q F V T G T S S
U n i R e f 9 0 _ W 5 A B G 8 N T N Y S G Y H P D H E I I D M L W E V L K S F S S D N Q K K F L K F V T G T S S
U n i R e f 9 0 _ R 9 P 2 H 8 N T V L G G Y H E A D L K T I Q H F W K V L E D F D Q E P N R K A F L K F V T G T S S
U n i R e f 9 0 _ F 7 D A C 1 N T V Y R H Y T R N S K Q I I W F W Q F V K E M D N E V R L R L L L Q F V T G T S S
U n i R e f 9 0 _ U 9 T Q U 0 N T V Y S D Y K E D D L V I L N F W K V V S E F S E E Q K Q K L I K F V T S C S S
U n i R e f 9 0 _ H 2 Y Q B 6 H T K L K H C S Q D S N I V K W F W Q A V E S F D Q E K R A R V L Q F V T G T S S
U n i R e f 9 0 _ D 2 V C S 2 N T I Y G H Y T K D S V H I K W F W N V V E S F G K D D K A L L L Q F V T G T S S
U n i R e f 9 0 _ B 6 K 0 G 7 Y T D Y R S Y S E S D L T I K L F W R L V S E W P D E E K R A R L L L Q F V T G T S S
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370 380

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R H Y Y F L G R M L G K A L Y E N M L V E L P F A G F F L S K L L G T D V D L H
G Q F T L L G L A L Y H C I L L D V H F P M V V Y R K L L M G K T G T L E A
D H Y K F A G R I L L V G L A V F H H G L L I D G Y F G L W F Y R H I L G K T V E I A
K R Y F L F G M L C G L S L F N L N V A N L P F P L A L Y K K L L D Q K P S L E R
S Y F K F F G R I V A G M A V F H G K L L D A F F I R P F Y K M M A G K P I T L R D
A W Y T F M G H I L G K A L Y D G I L L D V R F A G F F L A K W L G R Q S Y L D
V D F E L T G I V L G L A L Y N D I L L D I S F P H I L Y K K L L G E P I T F E
N H F E F V G R M L G K A V Y E G I V V D V F A S F F L S Q V L L G Q Y S C M D
R M L E F L G R I V G K A V Y E G I L L E Y S F S P L F I S K L L G R Y S F L D D
N F F E L V G I L L G L A L Y N G H I L L D L H F P T V V Y K K L L G K P L A L D D
Q M I E F L G R I V V G K A L Y E G G L L D Y S F S H V F V Q K L L G R Y S F L D E
N R Y F L F G I L L C G L S F F H L N V A N I P F P L A L F K K L L G Q K P S L E
N M Y F L T G V L C G L A L Y N F T I T N L P F P L A L Y K K L L K K P V D L S
T M F Q F V G R I L L G K A L Y E G I V V Q P K F A H F F L S K L L H S R D M S L N D
S L F Y F V G K M T A K S V L E G V H L D H T F S R I I Y K L I L N R D M S L D
R H Y Y F I G R I L L G K A I Y E N L L V E L P L A E F F L T K L A G K Y V D I H
S E F R L V G I L M G L A I Y N S I T L D R F P P C C Y K K L L S C S V T I D
E D E F M I G L V L G L A I Y N G V L L D F P P L A L Y K K L L G Q P A G M R
L Y Y E F V G R I L L G K A L I E G F N V K M S L A L P L Y K H M L G V P I S F S
K W L T L C G R V L A A C L I H R C Y I D V F F T T I F Y K C L L Q K K I E L S
K C F E F I G R I L L A K C L I E G Q L L T V H F F S L P L L K H I L G V P I S F S
K K R Y F L G I L C G L S L F N L N V A N L P F P L A L Y K K L L D N K P S L E S
Q E Y Q L V G I L L V G L A L Y N S V L L D L H F P L V V Y K K L L G R P V G L S
Q H Y Y F L G R I L L G K A L Y E N M L V E L P F A S F F L S K I L S T S R G D V
N W F H L L G I V C G L A L Y N S T V V D L H F P L V L Y K K L L D V P P V L D
A Y F E F A G R I V G K A I L E E H L M P V G F T L A L P F L K H I L G V P I S F S
T Y F R F I G R F I A M A L Y H G K F I D T G F T L P F Y K R M L N K R P T L K
K E Y M L I G M L F G L A I Y N N I T M D V H F P P V L F K K I L G F D G L F E
K H Y Y F L G R M L A K A L Y E G M L T E L Q F A H F F L A K V V G G S V G L D
A C G A Y H T L A I N E W G Q L F S W G D L P L A L Y K K L L H E P V G L I
K H Y Y F L G R M L G K A T Y E N M L V E I P F A T F F L S K I H G G D L D I H
G Q F T L L G I V L G L A L Y N S T I V D I H F P S V V Y R K L M G K K P S R F E
N R Y F L F G M L C G L S L F N S N V A N L P F P L A L Y K K L L D D Q K P S L E
D Y F S F A G R I L L G K A L L E E Q L I Q V H L A L P L L K H M L G V P I S F T
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S S Y F L F G I L C G L S L H N L K V N L P F P L A L Y K K L L N Q K P S L E
A Y Y F A T G R I L I G R A L L E G G I W G F H L A L P L L K V I L G V P I S F A
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N K K D F F L H I F D Q L I A P D A S G M F W Y N E S N S L M W F P S N P T L J A Q
G V T K E F L I G V T S E A F G N D L L F P N P T A E S D D V E W R G A M M R F I
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G L L R E W F S L L C N E L F R A D L G L F V M T H A E N M S Y W I N Q S P N D E E D
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G L V R E W F T L M T L E E M T K V E Y G M F I Y P E D G S Y M W F P V N V E F K
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V M Y Y L L G A I V C G L S L Y N F T I V N L A F F A L V L Y K K L L K Q K P T S L K S
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N W F H L I G A I T C G L A I Y N S T V V D L H F P L A L Y K K L L N V P G L E D
V M Y Y L I G A I Y G L A I Y N S I I Y V P F P L V L Y K K L L G E S V M L D
S Y F K F L G R V A G M A V Y H G K L L D G F F I R P F Y K M M L H K P I T L H
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I T R D L M P N G G K D I A V T T N E N R P L Y I S Y V A R H R L V A S P Y Q T R E
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E F Q K G F Y T V C C R D I K F Q P E E L R S A I I G G S D E D Y N W E F E K
U N I R E F 9 0 _ U P I 0 0 0 1 6 1 C 2 7 5
A L R S G L R N V I D P E W L R M F S P E E I S M L V G G S D E I D F N E L K K
U N I R E F 9 0 _ K 3 X 4 5 1
V F L K G L Y E V I P Q E L L M L L D P E E L D Y L L C G G S D T I D V D D W Q R K
U N I R E F 9 0 _ H 3 D Y X 1
A F V E G F Q K V A N P S W L F L F A P H E E L Q Y L I S G Q S D I D L A D L R K
U N I R E F 9 0 _ U 6 I T M 1
A F I S G M T G V L D K W L Q L F D A E E L Q I V I S G T D E I D V D D W Q K
U N I R E F 9 0 _ G 8 Y A 1 9
F F I K G F S T V I G N A L S L F S P E E I E L L L C G G S D E E D I N T L K S
U N I R E F 9 0 _ H 2 Z J 6 8
M F L K G L A S L V P D Q L L S V F D E N E E L E L L V L C G G S H I L S P E D F K L
U N I R E F 9 0 _ S 3 D 6 5 9
P F K R G F F T V C G G N A L S L F R P E E I E L L I R G S D E P D I A S L R A
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U N I R E F 9 0 _ U 5 D 7 S 8
H F S Q G F A Y I L C K S F F Q S L E L K E F D L M L Y G S D P I C V K E W A
U N I R E F 9 0 _ G 2 W W F 7
P F K R G F Y T V C G G N A L S L F R P E E I E L L V R G S D T A L D I D E Y D
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1 10 20 30 40

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90 100 110 120

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170 180 190 200

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U n i R e f 9 0 _ J 3 M 7 Y 2 D I S A A D P F T Y A S C K E I L E M A A E I D D L T L T F S R D V H T L G S R
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U n i R e f 9 0 _ A 7 F 7 C 8 D Y K T I F P V S Y K N L M S L K T M T A E E E L E L T F E V S Y S D A F G T N
U n i R e f 9 0 _ G 3 A S 1 5 D L E S I D P V F Y N S L I W I R D N N I E E C G L E M Y F S V D M E L G K
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U n i R e f 9 0 _ C 1 M Y C 3 D L A P S L D P E L H R S L T Q V L R Y D G D E R D L A L D W T V E E S K F G A V
U n i R e f 9 0 _ H O Y B H 3 U n i R e f 9 0 _ E 9 E 9 I 2 D L A E Y R P R V A R G L R Q L L D F E G D V E S F S L D F V I D T E K Y G T T
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U n i R e f 9 0 _ U P I 0 0 0 2 3 B 2 2 8 9 D I Q S F D P E L L G R G E K S T F D V D M C F R N T K L E D L V I D F T L P G Y
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U n i R e f 9 0 _ F 0 U U U 5 E V R D L D E G L Y Q G L L Q L K N Y P G D V E D F A L N F T V T D E T I T E N
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U n i R e f 9 0 _ U P I 0 0 0 0 6 C A 7 3 7 D Y E D I D P K T A K N L L W M L E N D V T G S D L T Y T I T Q D L L G I R
U n i R e f 9 0 _ V 9 I L 0 8 E T I E K D Q L R P H E K A Q L T E S L N L D G C L L S D L G L V F E L P G Y
U n i R e f 9 0 _ U P I 0 0 0 3 8 8 B 7 5 C D L S E V D K D F I P G L M Y I R D N E A T S E E F E A M S L P F T V P N A S G
U n i R e f 9 0 _ U P I 0 0 0 3 5 9 B 4 1 8 D L F H V D R V L A R S F G Q Q L E D I V H Q K K Q I C S D K A L T E E C R P G N
U n i R e f 9 0 _ U P I 0 0 0 4 5 4 1 A 1 D D L K E L S F P L G K S L Q E V L N C E A G D V E E L H H H F S L H W D K
U n i R e f 9 0 _ W 4 H 5 L 9 D L W H L D L N T Y N S L V Y I R D T D N D V D L A L D F S V T V D T P S H
U n i R e f 9 0 _ U P I 0 0 0 2 9 D A 8 9 F D L E S V D P E L H K S L V W I L E N D I T P V L D H T F C V E H N A F G R T
U n i R e f 9 0 _ E 4 Z 6 5 7 D M Q S V D S E Y H N S L T W M E N D A P E P L D Q T F T Y D D E Q F G E L
U n i R e f 9 0 _ K 3 Z Q L 1 D I S V A D P V K Y A S C K R L E N A E I D D L Y L T F S R G A H E L G T R
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U n i R e f 9 0 _ S 7 R T V 5 S E I T Q D A S L T A G Q K I M A I E E L E I D G V R V E D L G L D F T L P G Y
U n i R e f 9 0 _ B 8 M 3 1 7 H L A S L D P V M Y K N S L S L K S Y Q G D I A D L E L N F T V V N E N L G E A
U n i R e f 9 0 _ B 3 S 3 R 2 D L R D L D A S L Y Q G L V H L L K N D E V E S L D F T V D Q V S A D G E T
U n i R e f 9 0 _ C 9 S A 9 D L Q R D V D P E F Y R S M M W I L R E N P V D P A L G M T F V T T E E K G Q V
U n i R e f 9 0 _ W 2 S X 9 2 D L D N D I S D L G L E L T F S V G T D V F G A M
U n i R e f 9 0 _ L 7 M S 9 6 A L D S T S L W L L N L T F H N R E E E G K N F I D L D F S K Y K S I F G W I
U n i R e f 9 0 _ H 3 A 6 0 0 D L D S V D P E L P K S L V W I L E N D I T P V L D H M F C V E H N A F G R I
U n i R e f 9 0 _ G 5 B M 3 7 N L K A F D P Q L F H Y I S S I V S M D D E I R A L G L N F T C T I D V L G K V
U n i R e f 9 0 _ G 0 T W Q 7 E L P S L D S E F Y K N L T S I K S Y M D G D I A D L G L T L S Y D E D V M G Q L
U n i R e f 9 0 _ U P I 0 0 0 3 4 4 3 6 0 3 D L E F L D E E L H R N C K W L R S N N H V E A L C L T F S V M L E N G
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U n i R e f 9 0 _ U P I 0 0 0 2 B 4 2 3 B 5 D L E E L M P A V A R S L Q G I L D E E C D Q D E S L D M D F T L M E E G G S T
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U n i R e f 9 0 _ B 6 A D F 5 T I R L V F D K D L A N S K L E Q I R N K V A L M D L V N I D D L A L D F T L P G
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U n i R e f 9 0 _ Q 2 H T 4 8 D I I S F D A E L G K T L Q E L Q V L V E R R R F L E S T C L C L D F T L P G F
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290 300 310 320

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		370	380																			
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UniRef90_G7JKJ3	L	C	F	P	A	Y	S	S	M	P	V	M	Q	A	R	L	K	V	I	T	Q	E
UniRef90_J8PLP7	I	C	L	W	G	Y	S	S	K	K	L	E	E	K	L	L	W	A	I	N	E	E
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UniRef90_G3P012	L	L	L	P	R	Y	P	V	E	R	T	M	K	T	R	L	L	R	A	I	N	E
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UniRef90_H3H7R1																						
UniRef90_M7AJ37																						
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UniRef90_W5GBQ0	L	K	L	P	P	Y	S	T	K	E	V	M	R	K	K	L	L	Y	A	I	L	E
UniRef90_B7PWH7	I	D	L	P	P	Y	E	S	P	D	K	L	T	E	K	L	T	Q	A	I	L	E
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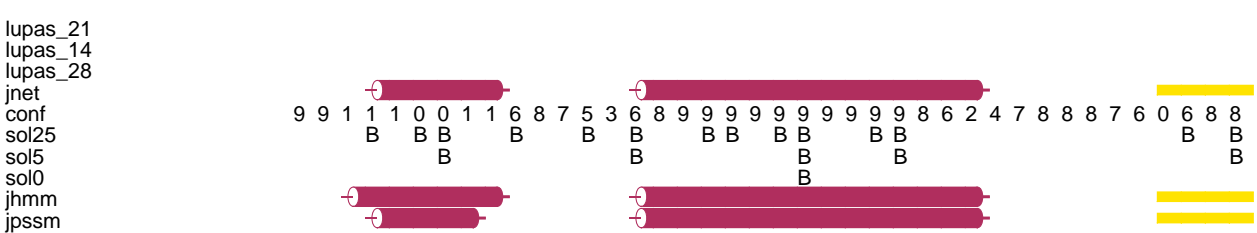

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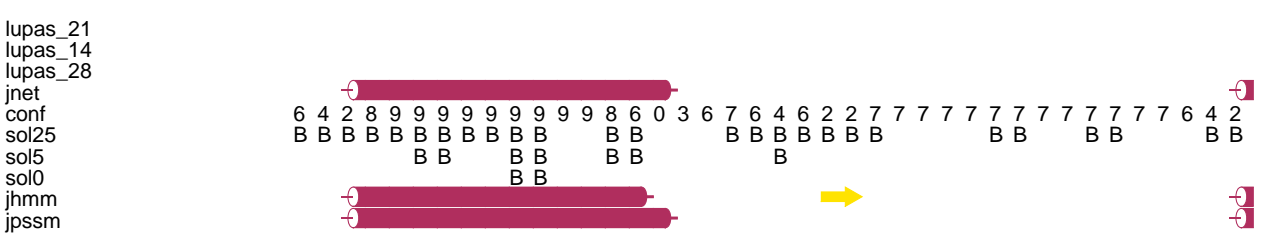
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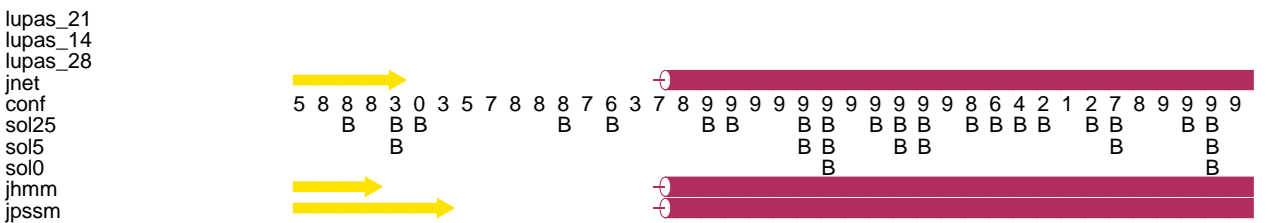
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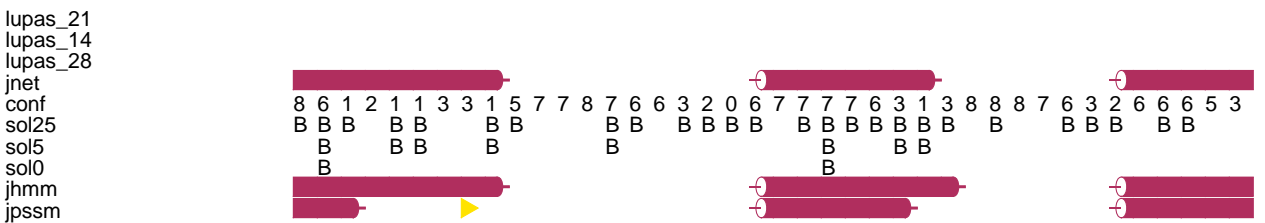
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UniRef90_A2F3N1     M T V P M Y K S V Q V C T K S L R A A I Q
UniRef90_R1CBP2     V H L P P Y A T R Q Q L Q A K L L Q A V E
UniRef90_Q4DLE5     L K L P P Y P T E D L M Y K K L R L S I
UniRef90_Q4SV69     L Y L P N Y P S A K V C E E K L R Y A
UniRef90_F9XIM9
UniRef90_A2ED26     L H L P A Y S S P D K M Y T L V R A A V
UniRef90_D2X657

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