

1 10 20 30 40
QUERY MS V C C K M F I I D K V D G D F C S L N E F S T I T G S T Y A P E E G G V L L K N D K
UniRef90_L5M133 MS V C C R M F V V A E A E A G A C C R L H E F F D I T T G S T Y A P E E G G V L L K N D K
UniRef90_H3BDY4 MS V C C K M F V V D Q Q I G N D D C C A L H E F F D I T T G S T Y A P E E G G V L L K N D K
UniRef90_M3X119 MS V C C R M F V V D R A E I G T D C C A L H E F F D I T T G S T Y A P E E G G V L L K N D K
UniRef90_H2L2S0 MS V C C R M F I V D S V S G E T D S C S L L N D F S F I T T G S T Y A P E E G G V L L K N D K
UniRef90_H9KLG4 MS V S R M F I E D K L E G N D S S F H E F F S I T T G S T Y A P E E G G V L L K N D K
UniRef90_Q4SLG7 MS V C C R M F V V D K A E L S S C S L H E F F S I T T G S T Y A P E E G G V L L K N D K
UniRef90_G7YHT8 MT V V R M F T F A S G D G R P L A F D E F F E I T T G S T Y A P E E G G V L L K N D K
UniRef90_J0XIB1 MS V S K M F I A S K V T G D D I L D F L E F F T I T T G S T Y A P E E G G V L L K N D K
UniRef90_UPI0001A63FA1 MT V S R M F T F A G N G D A L Q L K F D E F F E I T T G S T Y A P E E G G V L L K N D K
UniRef90_H2ZGA3 MS V C C R M F V V D K V M A D G A A F H E F F K I T T G S T Y A P E E G G V L L K N D K
UniRef90_G7NSG3 MS V C C R M F I L D R V E G D T C S L N E F F T I T T G S T Y A P E E G G V L L K N D K
UniRef90_UPI00031BD67E L T Q N K M V V Q S V Y T A A D G K S F R V I T T G E G Y A P T G E F F K L Q E A
UniRef90_B0K4E0 MT A T K I F T N G Q F F S I S G E G Y R P Y G E F F Y L D S S
UniRef90_K7K134 MS V A K V C V V E S A K R G P V T V S E Y S V V T G T T Y A P E E G G V L L K N D K
UniRef90_F7NMP0 MT V I C S D K T G T L T Q N Q M T V T G T T Y A P E E G G V L L K N D K
UniRef90_H1ANC0 MT V N H L W T L D S Q Q V E A V Q H S W F I T T G E G Y Q P N G K I Y V D E Q
UniRef90_K9XYC9 L T Q N K M V V Q Q V E A V Q H S W F I T T G E G Y Q P N G K I Y V D E Q
UniRef90_B9R6Y5 MS V S K I C V V Q S L H H H P V I A E Y N V T G E G Y A P D G I V F
UniRef90_R7RZW6 MS V S R F L T I D A S G S P Q E F T V V E G T T F A P H G S V N S A G G
UniRef90_W9S941 MS V S K V C V V H S V Q R G P L I A E Y N V T G T T Y A P E E G G V L L K N D K
UniRef90_F8FC41 MS V T H L W L G G D V L E V T G D G Y A P V P E G E I L R D R G
UniRef90_UPI00040C3E75 L T Q N K M V V Q R L E T P A N S L T V T G E G Y A P M G N F L L Q D T
UniRef90_B2WFN2 MS V N K M V F L S E D G S G L E E F D V T Q G T S F A P E E G G V L L K N D K
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UniRef90_B7KF67 L T Q N K M V V Q Q V Q T G C Q S F Q V T G E G Y A P I G E F I P D E E
UniRef90_W5ETR5 MS V S K V C V V R S V H Q R P I T D E Y S I T G T T Y A P D S S G N I Q N G D
UniRef90_UPI000287BB89 MT V S N I W I A G R N Y S V I E G L T K E E M G E M H E D D K
UniRef90_K7GAL6 MT V R R I Y Q W D M T Y E V T G G G Y D I Q G D I L H R G E
UniRef90_F7NLD2 MS V T H L W T L L E V T G D G Y V P E G N I L Q N E G R
UniRef90_V9W819 MT V V K V T L G K K S F E I T G E G Y K P E G G D F L V E G T
UniRef90_I9MG14 MT V T H L W S G G R L L E V T G D G Y A P Q Q G I T F M G K
UniRef90_UPI00028A2216 MT V N H I W T L Q Q E Y D V T G L G Y A P Q G T I Q A N Q
UniRef90_J3AL93 MT V R R L Y L E H R R V T V T G S G Y E P K G D F H T A D H
UniRef90_F2NCE5 S L S Q M F V V D K V M A D G A A F H E F K I E G S T Y A P E E G G V L L K N D K
UniRef90_H2ZLD7 MS V E R I V V L D E A G N G L E E I K V I E G T T F A P V G E L R K N G Q
UniRef90_C4JXS5 L T Q N K M V V Q Q I N I S G N T I R V T G D G Y A P T G T F E K N I K
UniRef90_UPI0002DC4119 T L G R A T V I C S D K T G T L T K N E M T V A G N G Y A P E E G G V L L K N D K
UniRef90_UPI000379D4EE MT V K S I F T N S E V F Q I V T G E G Y N P E G E I T D L E G V
UniRef90_K5C141 MS V N K I V Y I Q E G G K G L E E L T V T E G T T F S P R G S I K T N E I
UniRef90_S3CBT0 T V I C S D K T G T L T Q N E M T V T G E G Y D P K G E V T S L T
UniRef90_F6CKU3 T V I C S D K T G T L T Q N R M T V K E Y A E N T L R P S G D D
UniRef90_H3SDB7 MT V R K I F A N G K T I D V S G T G Y M P D G N F L V N G E
UniRef90_Q1Q4V6 M C V S K R V A F F Q T G N G T I Q R E L N V S G S G Y E P E G G V L T M A G K
UniRef90_S2JSQ5 MT V T R I W T G G R S L E V T G D G F D V E G N F L L G K K
UniRef90_K4Z8F0 MT E N Q M T V K E I F L N G D T I S V T G D G F D V E G N F L L G K K
UniRef90_UPI000225BE16 M C V S K F F V A G S S G T P Q E Y L V E G T S F S P L G S I T T A N G
UniRef90_UPI000440E328 MS V E K M V V L N A T G D D L E E I D V E G T T F A P E G K L S S N G K
UniRef90_A1CE64 MT I T K I Y A D G K Q A I A T T S Y R A K V E G S G Y E P K G D I R D D K G
UniRef90_W6LW75 L T Q N K M V V Q A I A T T S Y R A K V E G S G Y E P K G D I R D D K G
UniRef90_C7RFA0 MT V K E L W T L E K S Y H S G E G Y A V R G H I K E G P T
UniRef90_D8DJJ9 L T Q N K M V V Q A I A T T S Y R A K V E G S G Y E P K G D I R D D K G
UniRef90_T0MQ38 MT V E K V I V N G T M L S V T G N G Y E P V G D F F K E G Q
UniRef90_Q8PU16 MT V Q V I F V G G V T Y Q V S G I G F E P K G W I T P N G E
UniRef90_B114X9 L T Q N K M V V Q Q I H T L D H D F T V T G E G Y V P A G H F L I G G E
UniRef90_D9TTV6 T V I C S D K T G T L T Q N R M T V E Q V Y Y N G Q F L H K L
UniRef90_P37278 T V I C S D K T G T L T E N Q M T V T G S G Y S E G Q I L L F N Q Q
UniRef90_UPI000470A79D MT V K Q L W A N N E W L H V S G T G Y E A E G E F T K N A E
UniRef90_UPI0002D8120A MT Q N K M S V T H L W S N G K T W T V S G T G F S P N G E F F E D G V
UniRef90_Q5WFK1 MS V A N M Y L V G E A A D Y E V T G T S F A P D G A I L R N G R
UniRef90_G9QMK9 T V I C S D K T G T L T L N Q M T V E K I V Y D D Q L H D A D D
UniRef90_A8Q2N9 T V I C S D K T G T L T L N Q M T V T Q V A V N F E A G Q A V L A G
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UniRef90_Q8PWW5 V V A S D K T G T L T R N E M T V S G V G Y A P Q G G F V E N D E R
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UniRef90_C8WGX7 T V I C T D K T G T L T E N R M S V E R V S L G P D L D R D E A L E
UniRef90_A6R3G4 MS V E R I V Y L N E A N G T D F E E L Q V E G T T F A P Q G S L S K N G K
UniRef90_W2RSI5 MS V Q K V V Y L N E N G T D F E E L Q V E G T T F S P E G S L S R N G K
UniRef90_W9E136 MT V T H L W L P A E E F T V T G T G Y F N N G Q I Q F Q K E
UniRef90_G8PAS4 MT V N H L W L P G K E Y T V T G E G Y V N N G K I L E L N Q Q
UniRef90_M0B469 MT V Q R I A A N R E V Y E V T G S G Y D T E G E F L Q D G E
UniRef90_D8U3K0 MS A V G C S V V P S C A A G G A S L M E F E V T G T T Y A P E E G G V L L K N D K
UniRef90_B8MKD7 MS V E R V L Y L D P T G Q G F E E I D V E G T T F A P V G A L K K H G K
UniRef90_R6NI19 V S I I C S D K T G T L T Q N K M T V E Y Y Y V E G K E I P A
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UniRef90_UPI00037F846D MT V R S I S L G D K G F Q V T G V G Y D P H G A F L L D G G
UniRef90_Q3B4C2 T L G R T A V I C S N K P T L T K N E M T V E G N G Y E P V G I T N V S S
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UniRef90_J3M3F0 MT T V R L W V D E H A F A I T G K G Y A P R G D F S L N G E
UniRef90_I4C2J8 V T V I C S D K T G T L T R N E M T V S G V G Y A P E G A F H L N D G A
UniRef90_A4XRC4 V T V I C S D K T G T L T K N E M T V S G T G Y R P E G E I T L E G K
UniRef90_N6ZNM2 V T V I C S D K T G T L T K N E M T V S G T G Y R P E G E I T L E G K

QUERY UniRef90_L5M133 UniRef90_H3BDY4 UniRef90_M3X119 UniRef90_H2L2S0 UniRef90_H9KLG4 UniRef90_Q4SLG7 UniRef90_G7YHT8 UniRef90_J0XIB1 UniRef90_UPI0001A63FA1 UniRef90_H2ZGA3 UniRef90_G7N5G3 UniRef90_UPI00031BD67E UniRef90_B0K4E0 UniRef90_K7K134 UniRef90_UPI00031BD67E UniRef90_F7NMP0 UniRef90_H1ANC0 UniRef90_K9XYC9 UniRef90_B9R6Y5 UniRef90_R7RZW6 UniRef90_W9S941 UniRef90_F8FC41 UniRef90_UPI00040C3E75 UniRef90_B2WFN2 UniRef90_A0A022R7F2 UniRef90_B7KF67 UniRef90_W5ETR5 UniRef90_UPI000287BB89 UniRef90_K7GAL6 UniRef90_F7NLD2 UniRef90_V9W819 UniRef90_I9MG14 UniRef90_UPI00028A2216 UniRef90_J3AL93 UniRef90_F2NCE5 UniRef90_H2ZLD7 UniRef90_C4JXS5 UniRef90_UPI0002DC4119 UniRef90_UPI000379D4EE UniRef90_K5C141 UniRef90_S3CBT0 UniRef90_F6CKU3 UniRef90_H3SDB7 UniRef90_Q1Q4V6 UniRef90_S2JSQ5 UniRef90_K4Z8F0 UniRef90_UPI000225BE16 UniRef90_UPI000440E328 UniRef90_A1CE64 UniRef90_W6LW75 UniRef90_C7RFA0 UniRef90_Q8DJJ9 UniRef90_T0MQ38 UniRef90_Q8PU16 UniRef90_B1I4X9 UniRef90_D9TTV6 UniRef90_P37278 UniRef90_UPI000470A79D UniRef90_UPI0002D8120A UniRef90_Q5WFK1 UniRef90_G9QMK9 UniRef90_A8Q2N9 UniRef90_UPI0003B37693 UniRef90_E3GQB7 UniRef90_K2FSD4 UniRef90_Q8PWW5 UniRef90_F8IHA0 UniRef90_UPI0003672686 UniRef90_F9XG85 UniRef90_B7GU6 UniRef90_I7LIU1 UniRef90_UPI000422CF22 UniRef90_F2NJV8 UniRef90_H1FZY5 UniRef90_C8WGX7 UniRef90_A6R3G4 UniRef90_W2RSI5 UniRef90_W9EI36 UniRef90_G8PAS4 UniRef90_M0B469 UniRef90_D8U3K0 UniRef90_B8MKD7 UniRef90_R6NI19 UniRef90_UPI00035F572D UniRef90_UPI00037F846D UniRef90_Q3B4C2 UniRef90_G2FQL0 UniRef90_G9MF31 UniRef90_J3M3F0 UniRef90_I4C2J8 UniRef90_A4XRC4 UniRef90_N6ZNM2

50 60 70 80

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

QUERY
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 UniRef90_M3X119
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 UniRef90_H9KLG4
 UniRef90_Q4SLG7
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 UniRef90_C8WGX7
 UniRef90_A6R3G4
 UniRef90_W2RSI5
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 UniRef90_B8MKD7
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 UniRef90_G9MF31
 UniRef90_J3M3F0
 UniRef90_I4C2J8
 UniRef90_A4XRC4
 UniRef90_N6ZNM2

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

QUERY	130	140	150	160	
UniRef90_L5M133	K E F T L E F S R D R K S M S V Y C S	P A K S S R A A V G N K M F V K G A P E E S			
UniRef90_H3BDY4	K D F T L E F S R D R K S M S V H C C T H V A S P N N Q R T S A A K M F V K G A P E E S				
UniRef90_M3X119	K E F T L E F S R D R K S M S V Y C C T P N K P S R T S A A K M F V K G A P E E S				
UniRef90_H2L2S0	K E L T L E F S R D R K S M S V F C C S T N K L S R S P S G A K M F V K G A P E E S				
UniRef90_H9KLG4	K E F T L E F S R D R K S M S S Y C S P L K P T K L G T G P K L F V K G A P E E S				
UniRef90_Q4SLG7	K D F T L E F S R D R K S M S V Y S T	S T K M S Q T K M F V K G A P E E S			
UniRef90_G7YHT8	K E F T L E F S R D R K S M S T F V T P K S R G D G S H G K L F V K G A P E E S				
UniRef90_J0XIB1	K E F T L E F S R D R K S M S A F C M P S S G S G S H A K M F V K G A P E E S				
UniRef90_UPI0001A63FA1	K E F T L E F S R D R K S M S T Y V I P S S Q L S G S K E K L F V K G A P E E S				
UniRef90_H2ZGA3	K E F T L E F S R D R K S M S A Y C R P	T A P S S L G P K M F V K G A P E E S			
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UniRef90_UPI00031BD67E	R V G E F P F S S E R K R M S V I T K V E Q H L V N S E G Y L M F T K G S P E L				
UniRef90_B0K4E0	R L N E I P F D S D R K L M T T I H C S R N Q	P F D G K Y I A Y T K G A P D V			
UniRef90_K7K134	K I H V L E F S R D R K M M S V L C S R N Q	M H V L F S K G A P E S			
UniRef90_F7NMP0	R I Q E I P F D S A R K M M T T F H Q D E	S Q K I A F V K G A P D I			
UniRef90_H1ANC0	R I L E L P F E S R R K R M T T I H Q L K D S F E G N Q R I A F V K G S P K E				
UniRef90_K9XYC9	R V T E F P F S S E R K R M S V V C R N S E	L V M Y T K G S P E L			
UniRef90_B9R6Y5	K V S A L E F S R D R K M M S V L C S R K Q T E	L M F S K G A P E S			
UniRef90_R7RZW6	R L L T F E F S R D R K M M S V L V K R G A S G S	L F V K G A P E S			
UniRef90_W9S941	K V S L A D F T R D R K M M S V L C S R N	H L Q I M F S K G A P E S			
UniRef90_F8FC41	R V H E L P F D S E R K R M S V V V E H Q G G	R M V C T K G A P D I			
UniRef90_UPI00040C3E75	R L G E F P F S S E R K R M S V I C E M P P G E Q E D K P Y L L C C K G S P E L				
UniRef90_B2WFN2	R L A T Y E F S R D R K M M S V L V K S G N S Q	K L L V K G A P E S			
UniRef90_A0A022R7F2	K V S V L E F T R D R K M M S V L C N R K Q	L Q L M F S K G A P E S			
UniRef90_B7KF67	R V G E I P F S S E R K R M S V V V E G V M L P E Q E P P Y T M F T K G S P E L				
UniRef90_W5ETR5	K L S V L D F S R D R K M M S V L C S R K Q	Q E I M F S K G A P E S			
UniRef90_UPI000287BB89	R F K E L P F D S V R K R M S T I H E I T D S T N T N I R I A F I K G A P K E				
UniRef90_K7GAL6	K E F T L E F S R D R K S M S V Y C T P N K P S R T S M N K M F V K G A P E G				
UniRef90_F7NLD2	K V I A E F P F E S E R R R M S V L Y R D P	A S G L M L F T K G A P D T			
UniRef90_V9W819	R I T E F P F D S E R K R M S V I V S H Q G G K	M V M T K G A P D I			
UniRef90_I9MG14	R I A E I P F D S A R K M M T T F H K M T N	H Q T I A F T K G A P D I			
UniRef90_UPI00028A2216	R I K E F P F D S E R K R M S V V V H K H G N S R S	V I Y T K G A P D M			
UniRef90_J3AL93	R I H E L P F D S E R K R M T T I V Q L E T E L S G S R L I S F T K G A P K E				
UniRef90_F2NCE5	R L G E V P F D S K R K R M S T I H Q D T A G	P V M Y L K G A P E N			
UniRef90_H2ZLD7	L L F T L E F S R D R K S M S A Y C R P	T A P S S L G P K M F V K G A P E S			
UniRef90_C4JXS5	L Q S T Y E F S R D R K S M S V L V	G K G K H Q K L L V K G A P E S			
UniRef90_UPI0002DC4119	R I A E F P F S S E R K R M S V I C Q Q E E Y Q A P D S Q L I M F T K G S P E L				
UniRef90_UPI000379D4EE	R I K E T P F E S E R R R M S V V C C R D R D G Q H Q	L I V K G A P D E			
UniRef90_K5C141	R V S E I P F D S D R K M Q S V I C I N S N Q V N H S	F V K G A P D I			
UniRef90_S3CBT0	R L A T F E F S R D R K S M S V L V E S D N	A A K L L V K G A P E S			
UniRef90_F6CKU3	R V M E F P F D S E R K R M S V V Y K Q A D G T L E	V A Y V K G A P D V			
UniRef90_H3SDB7	R I A E L P F D S E R K R M T T V H Q L P E N G E D G S R C R I M T K G A P D V				
UniRef90_Q1Q4V6	L I S E I P F D S E R K K M S T I V N D G V S Q Q N S	R G T S P A L Q V C E K G A P D V			
UniRef90_S2JSQ5	R L A T L E F T R D R K S M S V I V N D G V S Q Q N S	L E V L V K G A P E S			
UniRef90_K4Z8F0	R I G E I S F D S D R K R M S V I V K H Q G G	R L V L V K G A P D V			
UniRef90_UPI000225BE16	I V K E I P F D S D R K R M S V V V E D D K G M R F	L I T K G A P D V			
UniRef90_UPI000440E328	R L L T F E F S R D R K M M S V L V N H N G T G A	L E V L V K G A P E S			
UniRef90_A1CE64	L L A T Y E F S R D R K S M S V L V T K D N	V Q K L L V K G A P E S			
UniRef90_W6LW75	R T D S I P F E S Q H R F M A T L H H D H H G H G F L H V K G A P E R				
UniRef90_C7RFA0	R L E E I P F D S T R K M M T T F H E K E G D Y Y S	H D H H G H G F L H V K G A P E R			
UniRef90_Q8DJJ9	R V A E F P F D A N R K R M S T F Y R R E S D L P A K E P Y W M I T K G S P E L				
UniRef90_T0MQ38	R V K E L P F D S S R K M M T V I Q S S D G T H R F N T	H R F N T Y T K G A P N C			
UniRef90_Q8PU16	R I G E V P F S S E R K M M T T L N A S E E G L	E G K F I F V K G A P D R			
UniRef90_B114X9	V V D Q I P F E S D L M Y M A S L C R H P R G	E G K F I F V K G A P D R			
UniRef90_D9TTV6	R L S Q L P F D S R R K R M T S I H K Y G K E	I Y V F T K G A P K E			
UniRef90_P37278	R Q D E I P F T S E R K M S V V V A D L G T L R E G Q P Y V L F V K G S A E L				
UniRef90_UPI000470A79D	R V D E L P F D S E R K L M T T V H K L E N G Y	R V F T K G A P D R			
UniRef90_UPI0002D8120A	R L D S I P F E S Q F Q Y M A T L H T A G S Q E N T G L R I I Y V K G S M E A				
UniRef90_Q5WFK1	R V E E F P F D S T R K M M S V I V K D E	S G K A Y V I T K G A P D V			
UniRef90_G9QMK9	V E Q E F A F D S R K M M S V V V K	D Q S G Q R F V I T K G A P D V			
UniRef90_A8Q2N9	R L S T M D F T R D R K M M S T F V R R T E	H D A R L L V K G A A E S			
UniRef90_UPI0003B37693	R V G E I P F D S T R K M M S T V H Q D P E G G F F	L A A K G A P D A			
UniRef90_E3QQB7	R V F E N P F D S D R K R M T T V H	P V G G Q L T A Y T K G A V D E			
UniRef90_K2FSD4	K I G E N P F S S E R M R M S V F C R A T D G N V A S	F V K G S P D V			
UniRef90_Q8PWW5	R I A E I P F S S E R K L M S T V H	N D T E Q K E R L A F T K G A P D V			
UniRef90_F8IHA0	R V D E R P F D A D R K M M S V L V R S G D E W F	A F V K G A P D V			
UniRef90_UPI0003672686	R T D V I P F E S D H R Y M A T L H H D H E G	H A R V F L K G A P E R			
UniRef90_F9XG85	K L R T Y E F S R D R K S M S V L V N G G N T Q	R L L V K G A P E S			
UniRef90_B7G7U6	R L A T L E F S R D R K S M S V L V Y S R S G V K S R K A G N R L L I K G A P N L				
UniRef90_I7LIU1	V D E F S F D S T R K R M T L I Y R E D D G	D V A Y V K G A P E V			
UniRef90_UPI000422CF22	L I K E F P F D S A R K M M S M I V K D E N G R S F	V A K G A P D V			
UniRef90_F2NJV8	Q L F I I P F E S D R G Y M A T V H R Q G D	R N V I Y A K G A P E K			
UniRef90_H1FZY5	R T D I I P F E S E H R F M A T L N H D H E G Q G M I Y V K G A P E Q				
UniRef90_C8WGX7	R L A E R Y F D S D R K R M S T V H E	R D G E L V A A V K G A P D S			
UniRef90_A6R3G4	L Q C K Y E F S R D R K S M S V L A G N G D	R Q K L L V K G A P E S			
UniRef90_W2RSI5	V Q A T Y E F S R D R K S M S V L V	G N G K Q K L L A K G A P E S			
UniRef90_W9EI36	R L T E L P F D S D R K R M T T I Q K Q T N	A P D L I Y V K G A L S T			
UniRef90_G8PAS4	R L K E F P F D S D R K R M T T V H Q Q I D E N H R N	L I Y V K G S L D G			
UniRef90_M0B469	R L G E I E F T S A R K R M T T V H E T P D G D P	V A Y M K G A P E T			
UniRef90_D8U3K0	R N A T Y E F T R D R K M M S V L A	V G D A R S V L W S K G A P E S			
UniRef90_B8MKD7	L K A T Y E F S R D R K S M S V L V G E G K E Q	K L L V K G A P E S			
UniRef90_R6NI19	R Y S E V P F D S D R K M M S T L H T L K E G	S T M V T K G A V D V			
UniRef90_UPI00035F572D	R L D A I P F E S Q H R F M A T L H H	N R T I D A R H V Y L K G S L E S			
UniRef90_UPI00037F846D	R T D V I P F E S A H R F M A T L H H	H D H A G H G F V Y V K G A P E Q			
UniRef90_Q3B4C2	R T D L I P F E S E H R F M A T L H H N H D G	M A Y V Y L K G A P E V			
UniRef90_G2FQL0	R V H E V P F D S N S G T M N V V C K	D T Q T D Q D C F I F C K G S V I E V			
UniRef90_G9MF31	Q V A E F P F D S S I K R M S V I Y N A P E D T Q T D Q D C F I F C K G S V I E V				
UniRef90_J3M3F0	R I A T L E F D R T R K S M G V V K S K S G S N A	L L V K G A V I E N			
UniRef90_I4C2J8	R V C E V P F D S E R K C M S T V M S M N P S P N G N L Y V T A C K G A P D V				
UniRef90_A4XRC4	R S D T I P F E S E H R F M A S L H H S H D H Q G H G	V I Y L K G A P E R			
UniRef90_N6ZNM2	R H A S I P F E S A N K F M A T L N T T P G G	Q R R I L L K G A P D R			

Table with columns for UniRef90 IDs (left), amino acid sequences (middle), and positions (170, 180, 190, 200 at the top). The sequences contain various letters (A-Z) and colored markers (yellow, green, blue) highlighting specific amino acids. The UniRef90 IDs range from UniRef90_L5M133 to UniRef90_N6ZNM2.

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 UniRef90_H3BDY4
 UniRef90_M3X119
 UniRef90_H2L2S0
 UniRef90_H9KLG4
 UniRef90_Q4SLG7
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 UniRef90_H1ANC0
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 UniRef90_B9R6Y5
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210
 220
 230
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 L A L A T R D D V P P L K K E E M D L L T D D S T K F F A Q Y E T D L T F V G V G M
 L A L A T R D D N P P L K K E E M D L L T D D S T K F F A Q Y E T D L T F V G V G M
 L A M A T R A D D T P P P D I N S L N L L E N S A T F F V D Y E T D L T F V G V G M
 L A L A T A D D S H P M K P D D M D L D D N S A T F F Y T Y E K M G L T F V G V G M
 L A L A T H D D S P P K K E E M D L L E N S P S K F F V Q Y E T D L T F V G V G M
 L A L A S R D D S P P V S S L F N L L T D D S P T N F F K E Y E T G L T F V G V G M
 L A L G T I D D S P S D A R N M N L L D D S S K N F F L L Y E T G L T F V G V G M
 L A L A T R D E P P S P S Q M D L L G D D S T K F F L E Y E T G L T F V G V G M
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 V L G F A Y R P L L E V P P E E G S E E T Y E Q D L V W L V G L V G M
 V L A L A Y K P L N D L P E E P K A E D I E K D F V F V G L I G M
 C L A L A L K W R Y P S T Q Q S L S F D D E K D L T F V G L I G M
 V L A V A Y R R Y A A L P D D I T A A A V E Q S L I F T G L L G M
 V L A V A Y R T I A H N D K K L P S S I R E T P E L I E Q D L T F L G L I A M
 V L G F A Y K P L T E T P A A E E E E H T E Q N L I W L G L V G M
 C L A L A M K Q M P T G Q S L S F D D E K D L T F I G L V G M
 T L A L A Y T D V D P N A E T F R V E N T T D Y A R F E S E L V F V S V G M
 C L A L A L K Q M P V G Q Q T S Y D D E R D L T F I V G L V G M
 V L G L A Y R D L S E I P E K G S E R G E D E R E V E S Q L V F V G L T G M
 V L G F S Q R Y L L S E I P E A Q A E A I A E Q E M V W L G L V G M
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 C L A L A T H D N P S P R R E E M N L L E D S A N F I N Y E V S L V
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 V I A L A I S D V P E T P L L H S A E T S K E Y E K L E Q N M T L I G L V G M
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 V L G F A Y K P L S V T N G N Q D T L P E D D L V F L G L T G M
 V I A L A S D D V S G N P L S R S A K D S S E Y T Q L E Q N M T F L G L V G M
 V L A L A W C R L G P A P P G E L T E A E V E R N L V F V G L A G M
 V L A L A Y R D A E R V P D S L T V D A L E N D L V F A G L V G M
 V L G V A Y K P L D R E I T N P V P D T V E R E M I F V G L L A M
 C L I A I A K V E N I D L A S M D Q K N Q S R F A Q Y E S D M V F L G L V G M
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 T I A I S M R P L T D N T S L D S G F L E K D L T F L G L Y G M
 T L A L A F V N V D T D A A H Y K S Q S S T D Y S R F E Q G L T F V S L V G M
 I M A L A S D D I L A G N P L L H N A Q T P E D Y A Q L E R N M T L I G L V G M
 V L A V A F R T T V E T R S E L D F E D V E D G L I L L G L M G I
 V M A Y A F R S L D S L D Q D L T T E N I E Q D M V F V G L T G M
 V L G I A H R Y W S E L P P E S V E T S E Q G L T W L G L V G I
 V L A V A G R N L D Q K M M D N L D S A T I E T V E K D L T F L G L T V M
 V M G F A Y R Q V P E A N I V P E N A E R E M V F A G L M G M
 V L A F A Y R K E S A V E T L W P A S V E E G L T L I G L Q G M
 V L A M A Y K I M D N E N K E Y T V E D T E T D L I F V G L V A M
 V L G F A Y R P S A I A D V D E D A E T D L T F V G L M G
 V L G M A Y K D L D D L N Y T D K E K E L E N G L I F V G L V G M
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 T L A I A Y R P L M G K E N V K D G D D A E R N L I L V Q Q G M
 N I A V A Y K P L K E R E S A I Q N V E E A E K E L I F I G I E G M
 V L A I A V R D G M A L P D P L L P L D A S M Y G Q Y E Q N L S L V G L V G M
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 T I A I G F K P L R S S T L L D E K E A E S E L T L F L G L Q G M
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 S L A F A Y R E A T D A D Q S K Y A I L S T A E Q H L I F V G L A V M
 S L G I A Y R T I N D K T S S M P A N K D W T L D D T E H L I F V G T V M
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 L L A I A C K P V T T R L S T L G F G D V A E G F G L V G L I G M
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QUERY

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UniRef90_E9CHB7 T M G E A T I I A S D K T G T L T M N Q M T V E K V Y T N G Q L Q S S A A
UniRef90_N2AJY4 T M G E A T I I A S D K T G T L T M N Q M T V E K V Y T N G Q L Q S S A A
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P L A E G T W R Q T A C V L G G S L A N D A T L R E Q D G H W I V I Q G D P
I D T K E N T S K L L V E G M I L C N D A T S K D G S Q T G D P P
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N N V E M A K T N I T N L L E I G A V C N N A Y I Q N G T L L G Q D P
T P N M S S N E V A V E T L E S I E N T S G E V V T N Q D G K Y Q I L G T P
I C N P A A K P D L T A L L R C G V L C S N A A I R T D R E A G D V I O G D P
D K T S E G W N H L S K T A A L C N R A E F K T G P E E V K R E V N G D A
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R Q A V A A L D E H A P L L R A L L C N D I A V D E T A H A I G S K
E M E M L S N S R I T L T L A E G I S L N S T A Y I E K H T D R L N D H I G S K
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S T D A K Q S P E M M K G L V V A T L C N D S E Y I M D G D K S T V R G N P
P F D S A H L S K P A I L G D I M T L C N N D S Q L T A E G L V G D P
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I I D Q C C S T T L N Q K G R D P T E L S E L I K N D I L A N M E S L A S A L G L R
V L E Q C C S T F L N K K G K P E K L S D S H R E L I T E T A N S L A S D G L R
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L A P K F T S G D V J E Q A E V V N D R F G K R A L R
M L N I S A F V E Y A G R V V P L T A S M K K L V M E K V D A L N R F G A D G L R
I F R R L R D D S P F I D D C A A H L L D Y A S K G Y R
I L T R C S Y M L G P E G K I K P F D I E Q Q Q E M T R N V I E P M A S D G L R
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I C E L L H P S C S L N E V T M E H L D D F A S E G L R
I Y E R L H P S C S K L M E V T T E H L N E F A G E G L R
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T L C L G W R E L L E E D E Y K K T F Q D A S C S L E L E Q D L Q I L G V S A I
V L A L G T K V F R G S E V R E T Q Y T T A A E G N L T I R G L T F L
I L G V A I R K L E M T Q T E T S N G S K R E D E D I E K D M V F L G L I
V L A V A I H P K A K K D Q P I I D G L V F F G L V A
V I A L A F R K A E D L K E S T G G F V F L G F I G I
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V L A F A H R S V D E G Y Q R T E L E R G L V L T A L V G L
V L A F A R F T P T G G P L A G Q G E W T F L G L Q A M
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V I V L C E K T A T T A M G T N A F S D E I A I N A T E D L T I V G L G I
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I L G F G F R I D E V I E A E A A V S E I S L L R Q V E S G L T F S G F V A I
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V S V I C S D K T G T L T K N E M F V T G H E Y G A D D A K K F F G S
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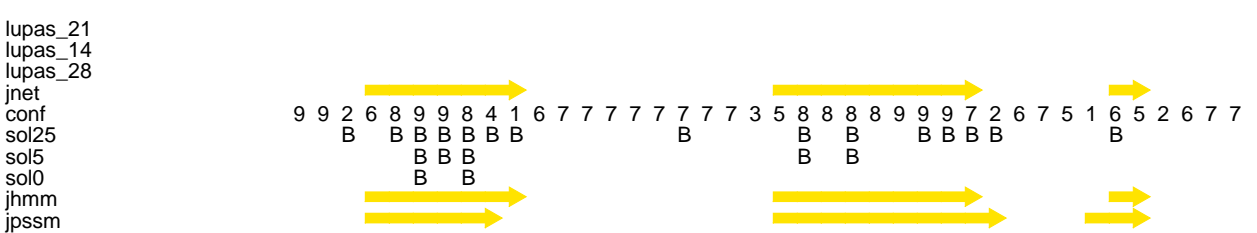
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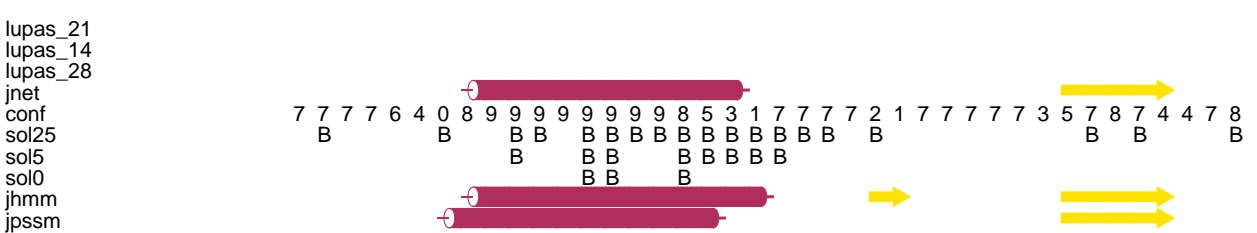
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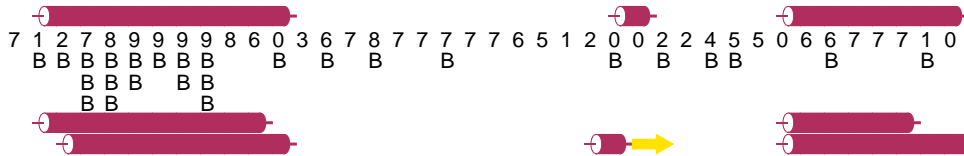


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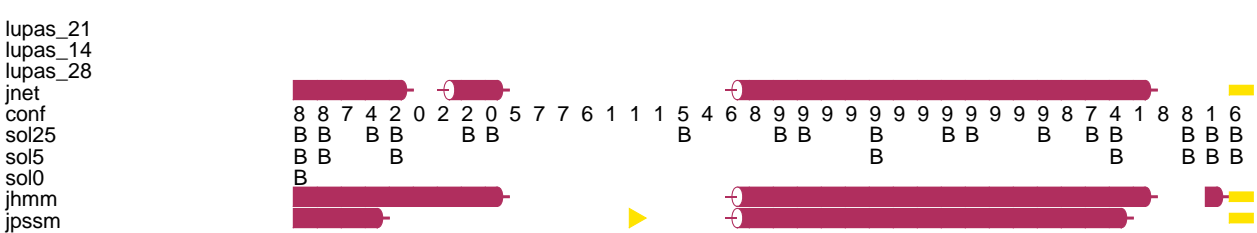
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