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90 100 110 120

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

QUERY UniRef90_F4A194 UniRef90_Q9HIC2 UniRef90_D3DJW9 UniRef90_D9S211 UniRef90_M1R179 UniRef90_E8NA59 UniRef90_A5FRW1 UniRef90_D2BEM1 UniRef90_B3ET58 UniRef90_A8MBZ9 UniRef90_M9SI90 UniRef90_X1TCN1 UniRef90_A1ZEV6 UniRef90_H8KMA9 UniRef90_Q96YC2 UniRef90_UPI00029AB0D5 UniRef90_S4W4V1 UniRef90_Q8TZ14 UniRef90_UPI0003629EF6 UniRef90_R5PYX9 UniRef90_UPI0003725B0B UniRef90_H5Y1G3 UniRef90_UPI00039FBA1A UniRef90_E0XY04 UniRef90_W0E5L8 UniRef90_I0KH90 UniRef90_A0A021VQ31 UniRef90_G2Z0A3 UniRef90_X5DWQ5 UniRef90_UPI0004708634 UniRef90_R7CXE9 UniRef90_Q4JCA7 UniRef90_H1Y030 UniRef90_C5CEP7 UniRef90_Q67T12 UniRef90_I4D1M6 UniRef90_D9RZR1 UniRef90_R5JJ2 UniRef90_F2JK8 UniRef90_Q8AAB1 UniRef90_UPI0001BC2C07 UniRef90_UPI00036DC69A UniRef90_E0NTG5 UniRef90_UPI00047C7129 UniRef90_S9T2V8 UniRef90_UPI00047A72C7 UniRef90_D0WH26 UniRef90_UPI000255E6DE UniRef90_A8UV15 UniRef90_UPI00047797FD UniRef90_UPI00036DC6EC UniRef90_UPI0002557B53 UniRef90_Q1Q1R9 UniRef90_K1Z2X1 UniRef90_Q2JFE1 UniRef90_E8T6L0 UniRef90_UPI0003AD1BFB UniRef90_UPI00034A6D15 UniRef90_B1C9K5 UniRef90_UPI0003B678E1 UniRef90_K6UZ21 UniRef90_Q73S23 UniRef90_W6M484 UniRef90_A4TEL5 UniRef90_H7EKT7 UniRef90_L0DNN3 UniRef90_B0VHL4 UniRef90_F7NF41 UniRef90_R6GP41 UniRef90_UPI000347DE2E UniRef90_V6LYV2 UniRef90_D1BR20 UniRef90_UPI00047A43B4 UniRef90_UPI0003A21A1E UniRef90_UPI00039FBE72 UniRef90_A0A031FWU1 UniRef90_F0RLR8 UniRef90_F8L8R1 UniRef90_S4WAC8 UniRef90_UPI00036F6757 UniRef90_Q6NG33 UniRef90_K7RV60 UniRef90_H1XTH9 UniRef90_R5EJA8 UniRef90_UPI0002F62AA6 UniRef90_I2F217 UniRef90_UPI00037BA7C7 UniRef90_D3QA11 UniRef90_R7GNM3 UniRef90_F0T9U3 UniRef90_UPI00040505B4

130 140 150 160

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

QUERY UniRef90_F4A194 UniRef90_Q9HIC2 UniRef90_D3DJW9 UniRef90_D9S211 UniRef90_M1R179 UniRef90_E8N4S9 UniRef90_A5FRW1 UniRef90_D2BEM1 UniRef90_B3ET58 UniRef90_A8MBZ9 UniRef90_M9SI90 UniRef90_X1TCN1 UniRef90_A1ZEV6 UniRef90_H8KMA9 UniRef90_Q96YC2 UniRef90_UPI00029AB0D5 UniRef90_S4W4V1 UniRef90_Q8TZ14 UniRef90_UPI0003629EF6 UniRef90_R5PYX9 UniRef90_UPI0003725B0B UniRef90_H5Y1G3 UniRef90_UPI00039FBA1A UniRef90_E0XY04 UniRef90_W0E5L8 UniRef90_I0KH90 UniRef90_A0A021VQ31 UniRef90_G2Z0A3 UniRef90_X5DWWQ5 UniRef90_UPI0004708634 UniRef90_R7CXE9 UniRef90_Q4JCA7 UniRef90_H1Y030 UniRef90_C5CEP7 UniRef90_Q67T12 UniRef90_I4D1M6 UniRef90_D9RZR1 UniRef90_R5JJ2 UniRef90_F2JK8 UniRef90_Q8AAB1 UniRef90_UPI0001BC2C07 UniRef90_UPI00036DC59A UniRef90_E0NTG5 UniRef90_UPI00047C7129 UniRef90_S9T2V8 UniRef90_UPI00047A72C7 UniRef90_D0WH26 UniRef90_UPI000255E6DE UniRef90_A8UV15 UniRef90_UPI00047797FD UniRef90_UPI00036DC6EC UniRef90_UPI0002557B53 UniRef90_Q1Q1R9 UniRef90_K1Z2X1 UniRef90_Q2JFE1 UniRef90_E8T6L0 UniRef90_UPI0003AD1BFB UniRef90_UPI00034A6D15 UniRef90_B1C9K5 UniRef90_UPI0003B678E1 UniRef90_K6UZ21 UniRef90_Q73S23 UniRef90_W6M484 UniRef90_A4TEL5 UniRef90_H7EKT7 UniRef90_L0DNN3 UniRef90_B0VHL4 UniRef90_F7NF41 UniRef90_R6GP41 UniRef90_UPI000347DE2E UniRef90_V6LYV2 UniRef90_D1BR20 UniRef90_UPI00047A43B4 UniRef90_UPI0003A21A1E UniRef90_UPI00039FBE72 UniRef90_A0A031FWU1 UniRef90_F0RLR8 UniRef90_F8L8R1 UniRef90_S4WAC8 UniRef90_UPI00036F6757 UniRef90_Q6NG33 UniRef90_K7RV60 UniRef90_H1XTH9 UniRef90_R5EJA8 UniRef90_UPI0002F62AA6 UniRef90_I2F217 UniRef90_UPI00037BA7C7 UniRef90_D3QA11 UniRef90_R7GNM3 UniRef90_F0T9U3 UniRef90_UPI00040505B4

170 180 190 200

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

QUERY UniRef90_F4A194 UniRef90_Q9HIC2 UniRef90_D3DJW9 UniRef90_D9S211 UniRef90_M1R179 UniRef90_E8N4S9 UniRef90_A5FRW1 UniRef90_D2BEM1 UniRef90_B3ET58 UniRef90_A8MBZ9 UniRef90_M9SI90 UniRef90_X1TCN1 UniRef90_A1ZEV6 UniRef90_H8KMA9 UniRef90_Q96YC2 UniRef90_UPI00029AB0D5 UniRef90_S4W4V1 UniRef90_Q8TZ14 UniRef90_UPI0003629EF6 UniRef90_R5PYX9 UniRef90_UPI0003725B0B UniRef90_H5Y1G3 UniRef90_UPI00039FBA1A UniRef90_E0XY04 UniRef90_W0E5L8 UniRef90_I0KH90 UniRef90_A0A021VQ31 UniRef90_G2Z0A3 UniRef90_X5DWWQ5 UniRef90_UPI0004708634 UniRef90_R7CXE9 UniRef90_Q4JCA7 UniRef90_H1Y030 UniRef90_C5CEP7 UniRef90_Q67T12 UniRef90_I4D1M6 UniRef90_D9RZR1 UniRef90_R5JJ2 UniRef90_F2JK8 UniRef90_Q8AAB1 UniRef90_UPI0001BC2C07 UniRef90_UPI00036DC59A UniRef90_E0NTG5 UniRef90_UPI00047C7129 UniRef90_S9T2V8 UniRef90_UPI00047A72C7 UniRef90_D0WH26 UniRef90_UPI000255E6DE UniRef90_A8UV15 UniRef90_UPI00047797FD UniRef90_UPI00036DC6EC UniRef90_UPI0002557B53 UniRef90_Q1Q1R9 UniRef90_K1Z2X1 UniRef90_Q2JFE1 UniRef90_E8T6L0 UniRef90_UPI0003AD1BFB UniRef90_UPI00034A6D15 UniRef90_B1C9K5 UniRef90_UPI0003B678E1 UniRef90_K6UZ21 UniRef90_Q73S23 UniRef90_W6M484 UniRef90_A4TEL5 UniRef90_H7EKT7 UniRef90_L0DNN3 UniRef90_B0VHL4 UniRef90_F7NF41 UniRef90_R6GP41 UniRef90_UPI000347DE2E UniRef90_V6LYV2 UniRef90_D1BR20 UniRef90_UPI00047A43B4 UniRef90_UPI0003A21A1E UniRef90_UPI00039FBE72 UniRef90_A0A031FWU1 UniRef90_F0RLR8 UniRef90_F8L8R1 UniRef90_S4WAC8 UniRef90_UPI00036F6757 UniRef90_Q6NG33 UniRef90_K7RV60 UniRef90_H1XTH9 UniRef90_R5EJA8 UniRef90_UPI0002F62AA6 UniRef90_I2F217 UniRef90_UPI00037BA7C7 UniRef90_D3QA11 UniRef90_R7GNM3 UniRef90_F0T9U3 UniRef90_UPI00040505B4

210 220 230 240

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

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290
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UniRef90_X0WDL0 M M K E I Y E Q P K V I E G R I S E N K V L T S C A D S A F L K E V E N V H

UniRef90_A6VTC7 M L K E I F E Q P K V I E G R I S E N K V L T S C A D S A F L K E V E N V H

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UniRef90_V6MA62 M L K E I H E Q P R T M A G R I D E A K Q M E L D L S P E T V K G I E K I Y

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UniRef90_UPI0003727F9B M Q K E I F E Q P P R A I G D T L L S P R L F G D D A Y K E M M K N I R I Q

UniRef90_UPI0004682D5A M Q K E I F E Q P G V V A N T L L E I S P R L F G S E A E N I F N D T E S V I L

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50 60 70 80

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

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

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UniRef90_J9HWT4 L I I A I T Q S S G G E T A D T T L A A A M R E D A K K R R G G R R V L A I G I T T N N V S S V I V A R E W
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UniRef90_M0LUY1

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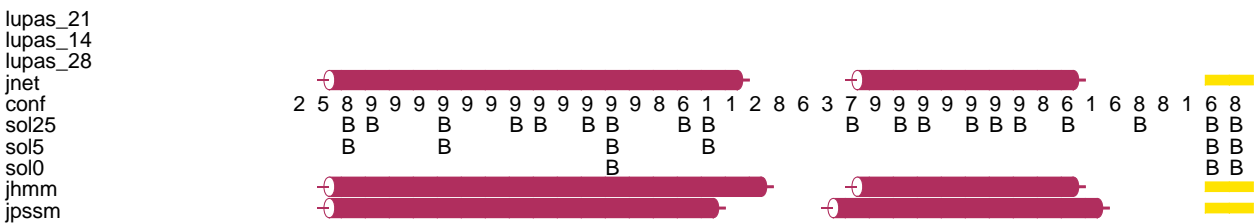
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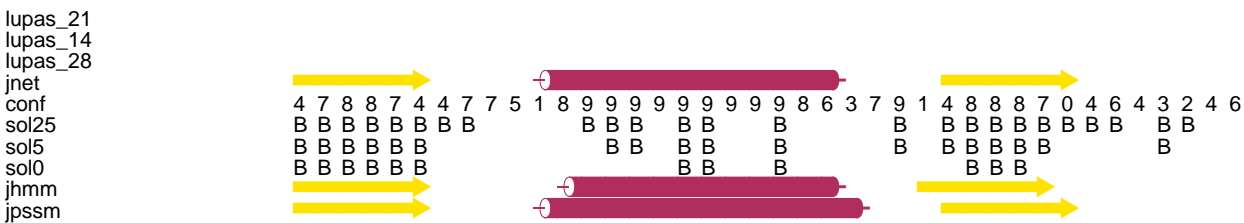

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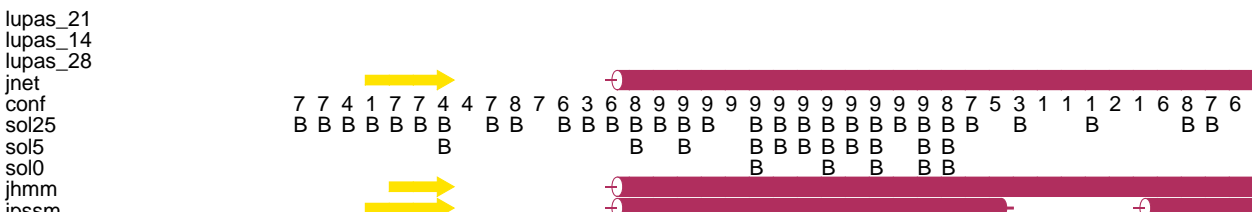
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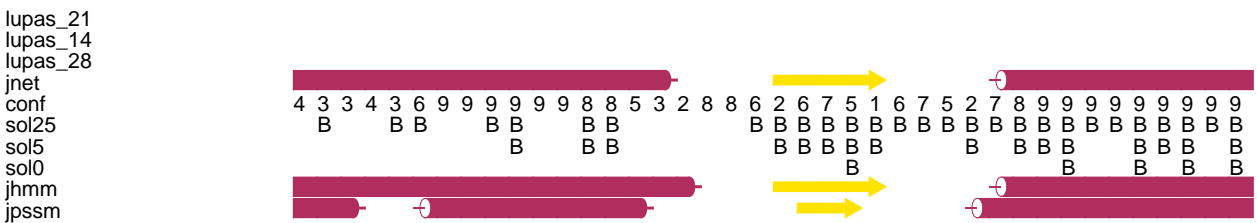
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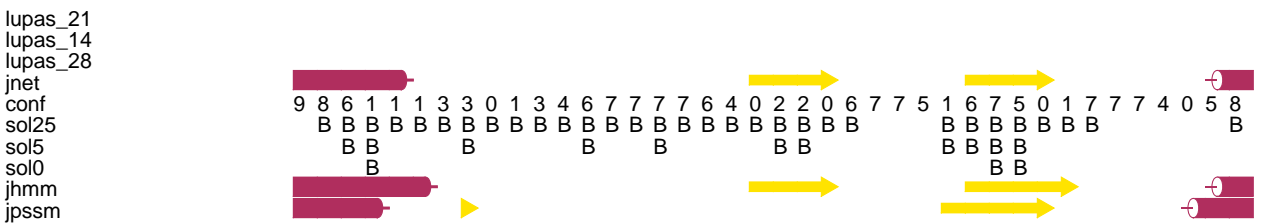
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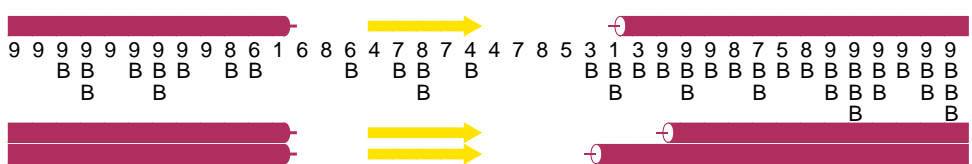
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