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50 60 70 80

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C G V K S N V K S L P P G V M T A R G C C A Y A G S K G V V W G P P I V I K D M I H I L S H
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C A V K S N K K V I P G I M S Q R R G C C A Y A G A K G V V W G P P I V I K D M I H I L S
I E A D D K V I P G I I T N R R G C C A F A G C K G V V F G P P I K D M V H I L V H
Q E I E A N T R T I P G I I T N R R G C C A F A G C K G V V L G P P L K D V I H I L V H
E S I Q A N N R T V P G V M T A R G C C A Y A G S K G V V W G P P I K D M I H I L S H
C G V K S N I K S V P G V M T A R G C C A Y A G S K G V V W G P P I V I K D M I H I L S H
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290 300 310 320

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E L M E E K Y D L P Y M P V S L F G I E Q T S K A L R L R D V A A F F G D P L I L E D Q K R
E M M E S K F G I P W I K V N F I G A E A S A K S L R L R R M A A Y F D D Q E L I I D R
R K M E Q R Y G I P Y F E G S F Y G I E Q D S S N S L R L R K I A R L L V I E D I L E R
K L I E E K Y G V P Y L K V D F F G P E Y C A E N L R A R A V G K Y F G K I E
E M M E T K Y G I P W L K C N F I G V D G T V E T L R D M A K C F D P E I L T K R
R L L E E R Y N V P Y M K V S D F Y G I E Y C K R C L R N M A T G E A Y K P D G I L Q A R
R K M E E R Y G I P Y I E S F Y G I L D D I N R C L R N M A T G E A Y K P D G I L Q A R
E M M D K K Y G I P W F K V N F I V G A E A T S K S L R L R K I A A Q F Y Q D D L I Q K R
E M M K I Q Y G T A W I K V N F I G V I D E C V R T S L R L R D I A K F F D N P E E I T T R K
E M M E Q K F G I P W F K V N F I G I E G T K K S L R L R K I A K Y F D D K E L I I D R
E M M E K K F G I P W F K V N F I G A K S T A K S L R L R K I A Q Y F D D K E L I I D R
D M M E T K W G I P W I K V N F I G A K S T A K S L R L R K I A Q Y F D D K E L I I D R
D L I E E K Y N I P Y I K V D F F G P K Y C A E N L M A V A K H F F G L L E E N
E M M E T K Y G I P W L K V N F I G V T A T M A S L R L R E I A Q C F N D E L I E R
G M M E T K Y G I P W L K V N F I G A E A T A K S L R L R K I A A Y F E E E L E K R
R K M E E R Y G I P F F E G S F Y G I S D M S D A L R N L A A G L L P A I L L S K
R K L E D L Y S I P Y F E G S F Y G I S D M S D S V R Q L A Q L L C I D E F M D R
E M M E T K F G I P W I K V N F I G A E A T A K S L R L R K I A K Y F D D K E L I E R
D M L E I R Y G I P W I K I N F I G A Q A T A K S L R L R K I A Q Y F D D K E L I E R
D S M E E R Y N I P Q V R V N F F G V E E T S K S L R L R S I A E F F N D P M M E A
E M L E T K Y G A P W M K V N F I G V E E T V Q S L R L R D M A K Y F D D E L A E K R
R K M Q E R Y G I P Y I E A S F Y G I L Q E M N H C L R A I A Q G L D P E L Q K A R
R K M E E R Y D I P F F E G S F Y G I G D M S E T L R R E I A R L L P E E L Q A R
D M L E T K Y G I P W I K V N F I G A E A T A K S L R L R I A T Y F G E E L I D R
E L L Q Q R F G T E F A V F N S L I G L A E V D R F V H Q L A V I S G E P V P E K
S S M K E K Y D I P Y I E E S F Y G I V D D M S R C L R N I A A K F F N D A L I D R
R K M E E K Y G I P Y F E G S F Y G I K N T S E A L R N F A K L L S E E L I E K
D M L E I K Y G I P W I K I S F L G P K S T A Q S L R L R K I A A Y F D D Q E L I I D T
E M L E T S F G I P W M K S N F I G A D A C A K S L R L R K V G K Y F D P E L I A R
K K M Q K V Y G I P Y L E E S F Y G M T D V A K A L R D I A R E L D R V M Q D R
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H K M E E R Y G I P Y I E A S F Y G V E V N C L L R K I A A A K L D A D E I Q A R R
S Q M E K V Y G I P Y M D V N F Y G A E N T A D S L R K I A A A F Y D E E I M R R
R K L Q Q K Y G T P W F E G S Y Y G I T D T S Q S L R D F A K V L N D D L I T E R
R K M E E K W G I P Y F E G S F Y G I E E T S R S L R L R K I A K L L V K D L I D R
R K M E E E Y G I P Y I E E S F Y G V A D I N N C L R N I A A K I G D A L Q E R
E L L Q Q R F G T E F K L F D G L G L D T V D S F L R T L S D I S S R P
Q R M K E L Y G I P F I K V S F L G I E Q T A E S S L R A I A R I W G G D A I E K
E M L E D G F N I P K I V V S L F G I E Q T A E S S L R K T A E V L G I D A K E K V
K Q M E E V F D I P F I K V S F F G V I T D T S D S L M R I A A Y V G D K E V I Q R
R K M E E R Y G I P Y I E E S F Y G I A D M N R C L R N I A A A K F D D R A L Q D R R
E M M E T K F G I P W F K V N F I G A D A S A K S L R R I A E Y F E D E L M A R
N E L K K K Y G I P R L D I D A W G F D Y T A E G L R K I G A F F G L E K K
R K M Q E Q F G I P F F E G S F Y G V K D T S Q A L R D F A R M I D P D L M A R
K M M K E T Y G V P F M R V S F Y G I E D M S D A L Y E V A N F F Q D D L L Q Q
E M M K T K Y G I D W L K V N F I G I D E T I R T L R E I A V Y F N D P L I A N
K E M E K M F G I P F I K V S F F G I E D T V S S L M N V A Y A M D K Q S V Y K K
E V L Q Q K T G V S Y V L F R S L G L R D A D R F V S L L S T V I S G A
L K M K E K F A I P A Y G F T S L G L G E T D L F M E T M S A L S G R P I P E K
T K M Q E R Y G I P A Y L E C F Y G I G D T S N A L R D I A S L L V Q K L L L D S
D M M H D R Y G T P A I N V T L W G I K H D M S Q A L R D T A K F F G L L E A E
K W M N K E F G I P F R K V S Y F G I E D L A I A L R T T A E F F S E E M M N I
H L E K D G Y N I P F I R V S L Y G I E Q T C K A L R E T A A F F G L E E R
E S L Q T Q F G I P Y E V F P Q L G L D A V D N F L L Q G L V D I S G N A V P E K
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R K L Q E T Y G T P W F E G S F Y G V A D V S H A L R E F A R L L N P D L T Q R
R K M E E K Y N I P Y I E G S F Y G V E D V N Q C L R N T A E K L G N I L Q W R
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QUERY UniRef90_C6C8T2 UniRef90_W6M4Z3 UniRef90_UPI000476B62C UniRef90_D3NSM9 UniRef90_D5V3K6 UniRef90_UPI000400C4F7 UniRef90_U9VVRG9 UniRef90_D5ANI2 UniRef90_J9DSR4 UniRef90_W4D829 UniRef90_B5YH17 UniRef90_Q53UA0 UniRef90_Q2J4F9 UniRef90_E4TG46 UniRef90_B3E3W1 UniRef90_UPI0003B387A2 UniRef90_UPI000365BBC4 UniRef90_P55170 UniRef90_F6B3H5 UniRef90_D6SLD5 UniRef90_UPI00034D89EB UniRef90_C8W444 UniRef90_R4KJQ1 UniRef90_B4SC62 UniRef90_B8DR77 UniRef90_A6TTY0 UniRef90_A9ZRS5 UniRef90_UPI0004059D51 UniRef90_Q0W440 UniRef90_D51174 UniRef90_G7QDI3 UniRef90_UPI00040857CE UniRef90_P0CW51 UniRef90_R4K6R7 UniRef90_Q27605 UniRef90_K9QFW3 UniRef90_UPI0002555914 UniRef90_A6LUZ2 UniRef90_B5JMT9 UniRef90_S7V797 UniRef90_F3YUU2 UniRef90_K2R7A2 UniRef90_B8GEW4 UniRef90_E1R3Y6 UniRef90_UPI000372FB09 UniRef90_UPI00036A6258 UniRef90_W0ISU4 UniRef90_C0QKL1 UniRef90_K2RWD7 UniRef90_E3HAK0 UniRef90_Q2JTK7 UniRef90_UPI00036BBE5E UniRef90_K1YTM6 UniRef90_UPI0003664430 UniRef90_B7TB33 UniRef90_D3DIE4 UniRef90_I5B6E5 UniRef90_UPI0003F5711B UniRef90_B5ECQ5 UniRef90_B1QUW1 UniRef90_H2JG60 UniRef90_B3QXW8 UniRef90_D5XC14 UniRef90_I0HX94 UniRef90_I6T909 UniRef90_Q0W438 UniRef90_G3I241 UniRef90_C8WE12 UniRef90_Q9KJL7 UniRef90_B4WRU8 UniRef90_UPI00047AF533 UniRef90_F6BC65 UniRef90_H6LKJ3 UniRef90_UPI000364BE6A UniRef90_R9GZ84 UniRef90_UPI000362DF94 UniRef90_UPI000406E252 UniRef90_UPI0003F7DC52 UniRef90_UPI0003728A44 UniRef90_G8LZM2 UniRef90_X5PLB3 UniRef90_A1AUR3 UniRef90_B2AIX7 UniRef90_E1I9R2 UniRef90_W9DRR5 UniRef90_Q2RL08 UniRef90_Q3M586 UniRef90_A7HES8 UniRef90_H8Z570 UniRef90_M1X2A2 UniRef90_E4T4C8

330 340 350 360

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

QUERY I G A Y E D L G M E I I I V G T G Y E F A H H N D D D Y D R T M K E M G D S T L L Y D D D
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UniRef90_D3NSM9 V D A Y H D L G M E I I I V G T G Y E F F A H H N D D D Y Q R T P H Y V V K E D G T L I I Y D D D
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1 10 20 30 40

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UniRef90_A4WRY6	R K K G C A K Q L T	P G G A A A G G C	A F D G A M	I A L Q P I T D V A H L V H
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UniRef90_UPI00036D74AC	K G I Q C C E T S V	S G S V S Q R A	C C V Y C G A	R V V L N P I T D A Y H I V H
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UniRef90_X5A4B0	P K S K P C A R P K	P G G E A A G G C	S F D G A Q	I T L L P I M D A A H L V H
UniRef90_Q0RAV7	A K K A G C P K P Q	P G G T S G G C	T F D G A M	I T L V P I A D S A H L V H
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UniRef90_W7YQY0					
UniRef90_K6T0D9					
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UniRef90_E4TZQ2					
UniRef90_K9T9M1					
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UniRef90_F0TA88					
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UniRef90_I9MIX4 G S Q Q G C V M F V R L L F S Q H F K E S F E L A S S S L H E D G A
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UniRef90_W01SZ1 G G Q Q G C V M F V R L M F S Q H F K E S F E L A S S S V H E E G A
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UniRef90_U7FUV8 G S Q Q G C V A Y F R T Y F N R H F K E P I A C V S S D S M T E D A A
UniRef90_UPI000377844D G S Q Q G C V A Y F R T H L T R N Y K E P F Q A V S S S M T E E A A
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UniRef90_E1Y8D2 G S Q Q G C C A Y H R S T L T R H F K E P V I A A T S A F T E G A S
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UniRef90_UPI000367F427 G G Q Q G C C M F V R L L F A Q H F K E N F D I G S S S V H E D A A
UniRef90_E6U880 G S Q Q G C C S Y H R T V L S R H F K E P A M A S T S S F T E G A S
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UniRef90_F6D760 G S Q Q G C C S T F V R Y N E A R H F R E P A E I A V S S L H E D A A
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UniRef90_Q3B2P2	V F G G Q A N L L A A I	D T L F S V Y D	P D L I	A V H S T T T C C S L S E T I
UniRef90_F5YEN0	I F G G G E G K L R R A I	L E A D R V Y	R P K T I	T V V J A S C C V L P G L T
UniRef90_P11347	V F G G G S N L K T A V	K N I F S L Y N	P D I	A V H T T T T L S E T I
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UniRef90_W4D8N8	V F G G M N N L I D G L	E N S V A L Y K	P E M I	A V S T T T T M A E V I
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UniRef90_I9MIX4	V F G G A T H R V E E A V	D V L L M R Y P	H V K V I	P I I S T T T L S E V I
UniRef90_Q3Z7D1	V F G G Q A N L L Q A I	D N I F S V Y N	P D I	A V H T T T T L S E T I
UniRef90_A3PLS7	V F G G L N N M V E E G L	A N T Y A L Y	S P K M I	A V S T T T T M A E V I
UniRef90_W0ISZ1	V F G A V K R V E E A V	D V L L M R Y P	H V K V V	P I I S T T T L S E V I
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170 180 190 200
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P A F V I D A Q V K E S G K Y V P F H A N T P S Y V G S H H T T G F S N M V K G M V K
D E V V R S T Q E T V N A K I M P M H C E G I K S Q V V A N A Y D T Y Y H G V L
G A F I T T A R N E G D F P P Y A H T P S F V G S H L T G Y D N M L K A G L L S
N A F I G N A K E P A S V P T P F A H T P S F V G S H L T N G W D G M L E G V L
Q A F T N N A K K D G D F P V P Y A H T P S F V G S H L T G W D N M F E G F C N
D T I A Q R A E K K H K E K T I V V P I P C E G F K S K I W T G F D D A A Y H G I
E A V S R K K A K E K E K T I V V P I P C E G F R G S V S Q S L G H H I A N D A I R
D G V T K K L N E D R E V H L I A M H T P S F V G S S M I S G Y D V A V R D V V
Q Q I T R K A L D D G K I P V I Y A S T P S F V G S H V T G Y A N D M V A G M A S
D G L I D N V Q S L V Q A R V I V P V H C E G F K T K I W A T A Y A D A V Y H G L A
P T Y I S Q M E D A G S I P V V I H T N T P S Y V G S H V T G F A N M V Q G I V N
N A F I S T S R K E G H I P V P F A H T P S F V G S S H T T G W D N M F E G I Q
D A V A S T V Q K E V N A L V V P F H C E G F K S K V P A T G F D T V F R A I Q
P T I T K Q S E I P E G R Y V I H A N T P S Y Y G S H V T G F S N M C R G I V S
N Q I R D K A Q E G K I P V I G A S T P S Y V G S H V T G F S N M V K S A V A
P S F I A D A E V P D G K T V I H A N T P S Y V G S H H T T G F S N M T K A M V G
D G V V K E K Y A D R E V H L I P I H T P S F V G S S M I S G Y D I A V K D F V
D G L L A E L Q P Q V H A R L A P V H C E G F K S R I L M A S A Y D A V Y H G I
N G A T H D A A E K L G I P V I P V D S P S F V G S N K N S G I R L A G D I L L
N A F I G N A K A K E G D F P T P F A H T P S F V G S S H T T G W D G M F E G F M
D N V V E E L K E E I P V I L A A V H C E G F K S R I W A S G F D I S D H A V L
N Q I I T K A R K D E G K I P M L G A S T P S Y V G S H V T G F S N M V K S M A
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P G I C D D L L E E L G I P V V A T L C C E G F R T N I W A T S G F D D A S A N H S I L
E E T A N R L S E E E L N I P V V A C F C E G F R S K I W T S G F D A A Y H S I V
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N P V V K E V E K E L G V D I F T V E C P G F A G V S Q S K G H X V F N M G W M
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I M G I E H L Y Q K G G T T L I E D M G N S I A T V L G R E A G I A P A
L L G L E U P I 0 0 0 4 1 D 5 3 0 7 L P L P Q A A A S T A I C K V F A D E F M
A F G I P Y T F I Y P G G T P L A E A A D S I N G K A T I T V A P Y A T S K T F
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N F G V T P F F L Y S N T V E E L S H I S E A A L A T V S I C H R T L S S Y L G
K C G I Q L V S T F S G N S T M D Q F A N C H T A D L N A V S I C H R S I N Y V A
I M N I P S I V F P D Q G T P I G D V E D S A N S M G T I A L C C G M A G G A A A
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Y F I R E H G K V P V S V A L N A P I G V A G A T D D Q F L M E I S R R L T G K M E I P P
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290 300 310 320

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		330	340	350	360																																					
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UniRef90_G8QFF1	F																																									
UniRef90_K8GDU6																																										
UniRef90_M1MK40	V	E	E	I	I	E	K	Q	E	K	E	Y	Y	Y	Y	I	E	R	F	A	D	V	F	L	E	K	R	F	V	V	V	S	D	A	S	Q	Y	S	L	A	I	
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UniRef90_UPI000363D1E0	L	E	T	N	D	S	R																																			
UniRef90_B8HM94																																										
UniRef90_G2E395	V	P	A	K	I	E	R	Q	R	A	Q	L	Q	D	A	M	L	D	S	H	F	M	L	G	M	S	R	F	A	I	A	A	D	P	D	L	L	V	G	L		
UniRef90_A6LR39	S	E	D	F	I	K	E	K	E	N	Y	Y	Y	Y	Y	L	E	H	F	S	D	F	Y	A	E	Y	K	Y	A	V	V	G	D	S	A	S	Y	N	L	A	G	
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UniRef90_UPI0003B4C13F																																										
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UniRef90_L0H2L7	L	E																																								
UniRef90_R4KF67																																										
UniRef90_Q07RY4	V	L	K	S	Y	S	R	L	P	W	Y	S	H	S	V	D																										
UniRef90_UPI0002EE8A02																																										
UniRef90_F5YEN1	V	E	R	I	E	N	E	N	K	F	Y	R	Y	L	E	P	L	T	D	L	Y	F	D	R	Y	A	V	I	V	A	D	V	N	Y	A	V	A	V				
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UniRef90_F0T6B0	V	E	N	V	I	A	K	E	E	R	R	T	Y	R	I	L	E	Y	P	G	D	A	I	P	H	S	Y	F	A	V	A	A	D	S	S	T	A	V	S	L		
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UniRef90_D0D1U0	P	A	L	L	D	R	C	E	A	L	T	A	A	F	A	P	V	H	D	W	L	A	R	V	R	P	M	V	L	D	T	W	C	D	D	G	L					
UniRef90_K9QPS7																																										
UniRef90_D0FXV6	V	E	S	F	I	D	Q	Q	T	T	F	V	S	Q	A	A	W	F	S	R	Q	N	L	T	G	K	K	T	V	V	F	G	D	A	T	H	A	A	C	M		
UniRef90_A3WHU3	T	P	A	L	G	D	Q	S	S	R	L	P	W	Y	S	H	S	V	D	S	T	Y	L	T	G	K	R	V	F	I	F	G	D	A	T	H	A	V	A	A		
UniRef90_D3DIE5	P	D	E	K	L	K	K	W	R	S	R	L	L	D	A	M	L	D	S	H	F	Y	L	T	G	K	K	I	A	A	E	P	D	T	L	Y	G	I				
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UniRef90_A9DAA7	L	L	E	S	G	A	E	R	L	S	W	Y	S	A	S	I	D	S	N	Y	L	T	G	K	R	V	F	V	E	G	D	A	T	H	A	I	S	A				
UniRef90_K6TSV2	V	E	K	Y	I	K	E	E	D	R	Y	Y	Y	Y	I	S	H	I	A	W	L	Y	G	K	F	F	V	I	S	S	A	S	A	A	L	I						
UniRef90_F0SXY8	V	K	K	L	I	A	E	E	H	D	T	W	L	P	K	L	E	I	R	N	E	F	E	G	K	I	D	V	L	G	G	Q	G	R	M	L	T	Q				
UniRef90_S7V792	L	P	R	R	H	E	L	A	R	G	R	V	L	D	A	Y	V	D	G	H	K	Y	L	S	G	K	T	A	V	Y	G	E	D	L	V	V	A	M				
UniRef90_W1U1Q2																																										
UniRef90_E6U988	V	E	A	F	V	A	D	E	E	R	K	F	Y	T	H	I	E	R	M	A	D	F	L	L	E	F	R	Y	G	L	P	L	D	A	S	Y	A	I	G	F		
UniRef90_S0FQI5	V	T	V	D	M	L	K	A	R	G	R	I	L	D	A	M	V	D	S	H	K	Y	C	A	K	A	R	A	A	V	F	G	D	F	P	F	V	T	A	V		
UniRef90_B7T1R5	F	E	E	Y	I	D	L	Q	T	R	F	Y	S	Q	A	W	F	S	R	Q	N	L	T	G	K	K	V	F	V	F	G	D	S	T	H	S	V	A	L			
UniRef90_C9RQ05	T	E	S	V	I	Q	Q	N	E	A	Q	F	F	Y	L	E	R	Y	A	D	T	I	L	E	S	R	I	V	V	S	E	A	Q	Y	V	I	A	V				
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UniRef90_G2TBP0	V	E	A	F	I	T	A	E	E	A	V	Y	R	Y	L	E	D	F	T	D	F	Y	A	E	Y	K	F	A	V	I	G	D	S	A	Y	N	L	A	L			
UniRef90_C0JX33	F	Q	E	Y	I	N	R	Q	T	R	F	Y	S	Q	A	A	W	F	A	R	Q	N	L	T	G	K	K	A	V	V	F	G	D	A	T	H	A	A	S	M		
UniRef90_I8SEZ1	V	E	A	S	I	A	E	L	E	K	P	Y	D	Y	I	E	R	S	A	D	Y	L	Q	A	R	V	G	L	P	S	D	S	F	Y	A	L	G	I				
UniRef90_UPI0003130522																																										
UniRef90_X5A027	A	E	K	F	I	A	D	E	E	R	K	F	Y	T	H	I	E	R	T	A	D	F	M	L	E	F	R	Y	G	L	P	L	D	A	T	Y	A	V	G	F		
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UniRef90_D8IZK1																																										
UniRef90_D6SLD1	E	Q	M	L																																						
UniRef90_A2C101	V	N	E	S	N	N	S	K	L	T	W	Y	S	V	D																											
UniRef90_F6B3H8	P	A	I	E	Q	E	R	G	R	L	L	D	C	M	I	D	S	H	K	Y	N	A	Q	G	S	S	V	I	F	G	E	P	E	N	V	Y	G	V				
UniRef90_W9BTK1	A	P	A	L	D	M	A	E	R	R	M	P	W	Y	S	R	S	V	D	S	T	Y	L	T	G	K	R	V	F	I	F	G	D	A	T							

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M

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130 140 150 160
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V Y G T E D D L R K G L S S I L L E T Y A K P L R V F V L N G S C S V S L V G D D I V
A T D A N D Y E L D R V R V T Q L L L A R R P D D K L L F L V L N G S C S V S L V G D D I V
S A Q N D Y A E L K R L C V E Q I K R R D R N P S V I V W I G T C T T E I I K M D L L
S L N D Y E E L K R L C V E Q I K R D R N P S V I V W I G T C T T E I I K M D L L
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S Q N G T E Q L L K R A D E T G D V E L P S V V V T G S I A E M I G G G V
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I H G G M D A F R A G L G K A L A M E P E A I F V T T T C T T A G V I I K M D D V L
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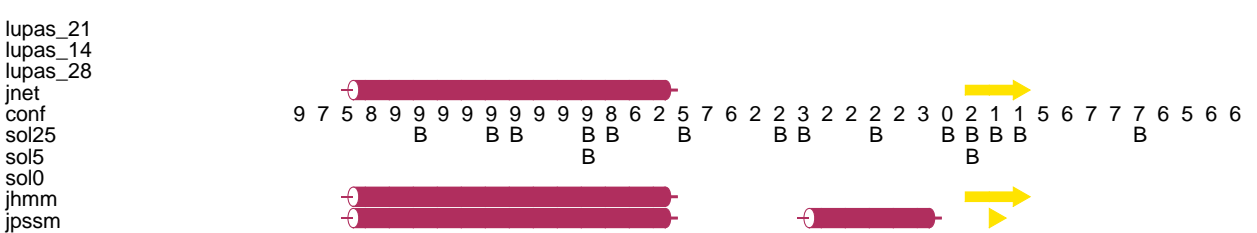
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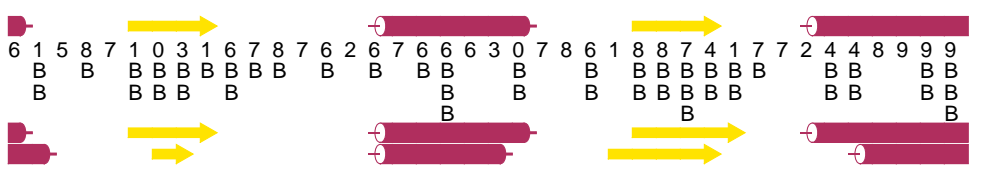
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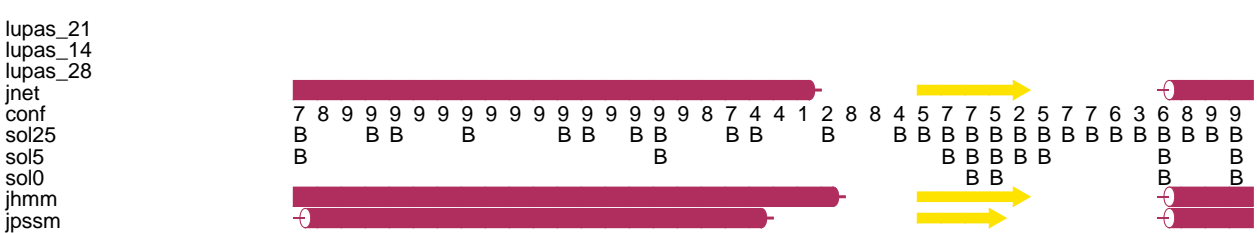
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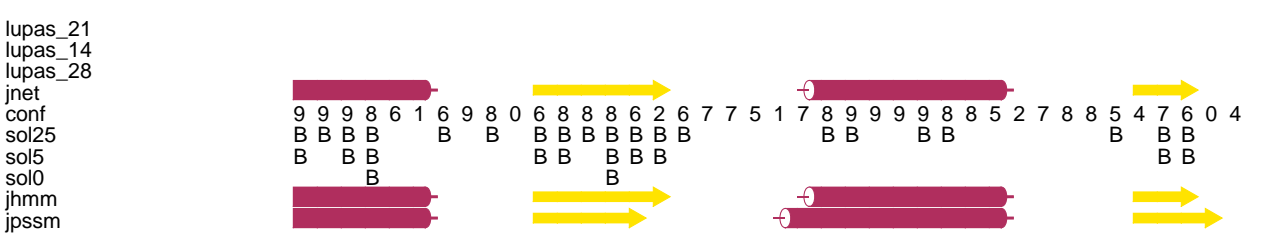
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