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50 60 70 80

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G E R E K V D D A L F A Q A A H V V K L D T L Y P R C H P A S P L E E T P C G C C V A D V
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V R K G D V D E R G F S E A E V V V E N E Y R T H G Q D H A Y L E T E A A L A I P
L E C G N V D E A F K M V D Q I L E G E I H I G G Q E H F Y M E T Q S M L V V P
I E K G N V Q K G F E S D Y I V E G E M Y I G G Q E H F Y L E T H C T I A V P
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A E D T F A D C E V V V T K T I T N R R V A A V P L E A R G A A C A W
G D E A R T N E A F A K A A H V T K I S V L N N R L V S N Y M E T P R A A I G E W
D S V F E D C E V V T E E I L N N R R V A P A V E T P R G A S V A W
Y T W G E V D R V F A E C D R I V S R Q F R W N R V G A N P T E T F G C L Q W
H E G D V D A V L A D C D V V V E H T Y H T K A N Q Q A M M E T F R T Y C F I
D L T E A R K N A T V I I E R E Y S T A R Q Q E M T P M E G K G A L A Y W
I R R G D V K A F G E C D V I F E G T S R M G Q E H F Y L E T Q S A L A I P
L E Q G N V Q K G F L G A E H I L E G E I H I G G Q E H F Y M E T Q S V L V V P
A S F G D V D T A F D T A E H V V S A L F H P G G Q E S A S P M E T R G C L A S F
I E Y G N V D E A F K T V D Q I L E G E I H I G G Q E H F Y M E T Q S M L V V P
G S G D V D E A L S N S E V V L T R R F R Q Q R L V P A F M E T P R S V V V D P
S D G D V E A V L K D C D L V I E R T Y H T K A D N Q T M M E T F R A T F Y L
V E A G N V E E F K K C A A V V I E T Y Y T Q A Q A M M E T Y R T F S Y
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G N K D A M E E A F Q N A H H V T K I K V V N N R L V S N A M E T P R A C I G E F
S E H G D V D G V M A E C D V I V E N T Y H T K A N Q Q A M M E T F R T Y T M
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G A G R S E A A Y A H E R M I T L G A R E M G M D P A E E F R R R Q N F I V P S P E D
A C S F R R T E A V Y L V E R L V D V L A Y D L G M D P A E E L R R K N F I L L E R P K E E
G A G K P E A T Y Q I E R L I D L F A A E L I D M D P L M E E L R R K N F A P G K E E
G A G R P E A T F A I E R M M D D L A A E L I D M D P L M E E L R R R K N F A P G H E
A C S F R R V T E A V Y L V E R L V D V L A H D T G R D P A E E L R R M A N L L I T P D K
G A G R P E A A Y M L E R L M D A I A R E L L A G V D P A E E L R R R R K N F I P A K D
G A G R P E A T Y V V E R L V D A C G R A L L A G I D Q A E E L R R R T N F I P K D F
G A G R P E A T F V V E R M M E T A A R E L L S V S P A E E L R R L K N F I R E F F
G A G R P E A T Y H G I E R M V D M T A A R E L L K M D P A E E L R R L K N F I V H A
G A G R P E A T Y V M E R L V D T A A R E L L G M D P F E E L R R R M N A I P P E
G A G R P E A S Y L I E R M M E T A A R Q L K V D P A D E L R R E K N F I P T V R
G A G R P E A T Y L L E R T M D L A A R Q L G M D P A A E F R R R M N F I P K E R
G A G R P E A T Y V V E R L V D T A A R E M N M D P A A E F R R R L K N F I P E F F
G A G R P E A T F L V E R L V E N A A R A L D M D R V E I L R R R K N F I R T E F F
G A G R P E A T Y Q L E R V I D K A A R E L L G V D P A E E L R R R K N F I V T E F F
G A G R P E A T Y V I E R T M E T A A R E L L G M S P A E E F R R R L K N F I R E F F
G A G R P E A T Y L V E R M M T V A A R E L L G I D P V D E L R R R K N F I T T
G Y G V T Q A T Y G F M Q F I D D L L T R K L D V D L V E Y L K K W H I K E G
Y R G A G R P E A T Y A I E R V I D V A A D R R L L G I D P V E E L R R R N F I Q R A F
G A G R P E G G Y I A E R A I D A V A R H L K L D Q V E E L R R R N F I Q R A F
G A G R P E A T F V L E R L V E V A A R E M G M D P A S F R R R K N F I K K F D
G A G R P E A T F S L E R V I D K A A R E L L G M D P I A L R R R K N F I K P D
Y R G V G T L Q G I F V I E R V M D T A A E R L G L D P A E E L R R R N F I Q P H
G F G A P E Q V H I A H E R Q L M D E L A A E L L G M D P L E E L R R K N A F Q L G
UniRef90_UPI0002627E73 UniRef90_UPI00037E2459 UniRef90_UPI00037E3140 UniRef90_UPI0004711490 UniRef90_UPI00037E3843 UniRef90_UPI0002EEEECE0 UniRef90_A5FZY7 UniRef90_G4HWH3 UniRef90_F8J6N3 UniRef90_C6E1Y4 UniRef90_A5D222 UniRef90_A0A010YSD9 UniRef90_Q11JX1 UniRef90_I9BQQ2 UniRef90_I4C4Q7 UniRef90_E1CG40 UniRef90_Q24M54 UniRef90_R5F6P9 UniRef90_D6TBL2 UniRef90_K2PHR1 UniRef90_UPI0003B54EE7 UniRef90_A3U1W8 UniRef90_A0A010YUG5 UniRef90_A1SE98 UniRef90_C3XZ64 UniRef90_I4C2N1 UniRef90_UPI0004674972 UniRef90_W0EF32 UniRef90_UPI000443EEFA UniRef90_A8TW77 UniRef90_UPI00038C56A9 UniRef90_R5TYN4 UniRef90_I3TFH3 UniRef90_UPI0003336802 UniRef90_K7FMW0 UniRef90_UPI00037144D7 UniRef90_C7MVS8 UniRef90_UPI000464A992 UniRef90_D9UWY1 UniRef90_UPI000360D4B8 UniRef90_D4MU44 UniRef90_M9REM9 UniRef90_W9WCL0 UniRef90_UPI00020383E9 UniRef90_W8H9W0 UniRef90_UPI00044366B3 UniRef90_UPI000373F4F8 UniRef90_E9SMT5 UniRef90_R4KMF3 UniRef90_H2FVT2 UniRef90_R5EYZ9 UniRef90_E2ZIU4 UniRef90_G8PT02 UniRef90_A9KPZ3 UniRef90_R5A711 UniRef90_D0D699

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

QUERY UniRef90_D3PRQ7 UniRef90_UPI00037CFAB0 UniRef90_UPI0002D64CBB UniRef90_K6WL87 UniRef90_F8IBQ0 UniRef90_D3PS55 UniRef90_D0LFU3 UniRef90_MOMPM9 UniRef90_A0A023X1X4 UniRef90_UPI00037E498A UniRef90_UPI000361A870 UniRef90_UPI0003688116 UniRef90_F4D028 UniRef90_K2MX38 UniRef90_D1C3M5 UniRef90_UPI00037CA158 UniRef90_UPI00047B5784 UniRef90_Q025V3 UniRef90_Q12G05 UniRef90_I3TMMK5 UniRef90_M5AR36 UniRef90_UPI000417D8EB UniRef90_G5ZX16 UniRef90_B2JK02 UniRef90_D0LKKQ3 UniRef90_X7FCB2 UniRef90_Q0G3A0 UniRef90_E0MR71 UniRef90_D2Z8Q0 UniRef90_UPI000477BD7D UniRef90_K8PGI7 UniRef90_V4RGS6 UniRef90_A4EJ59 UniRef90_W4L4R2 UniRef90_I4CEG3 UniRef90_UPI0002627E73 UniRef90_UPI00037E2459 UniRef90_UPI00037E3140 UniRef90_UPI0004711490 UniRef90_UPI00037E3843 UniRef90_UPI0002EEEECE0 UniRef90_A5FZY7 UniRef90_G4HWH3 UniRef90_F8J6N3 UniRef90_C6E1Y4 UniRef90_A5D222 UniRef90_A0A010YSD9 UniRef90_Q11JX1 UniRef90_I9BQQ2 UniRef90_I4C4Q7 UniRef90_E1CG40 UniRef90_Q24M54 UniRef90_R5F6P9 UniRef90_D6TBL2 UniRef90_K2PHR1 UniRef90_UPI0003B54EE7 UniRef90_A3U1W8 UniRef90_A0A010YUG5 UniRef90_A1SE98 UniRef90_C3XZ64 UniRef90_I4C2N1 UniRef90_UPI0004674972 UniRef90_W0EF32 UniRef90_UPI000443EEFA UniRef90_A8TW77 UniRef90_UPI00038C56A9 UniRef90_R5TYN4 UniRef90_I3TFH3 UniRef90_UPI0003336802 UniRef90_K7FMW0 UniRef90_UPI00037144D7 UniRef90_C7MVS8 UniRef90_UPI000464A992 UniRef90_D9UWY1 UniRef90_UPI000360D4B8 UniRef90_D4MU44 UniRef90_M9REM9 UniRef90_W9WCL0 UniRef90_UPI00020383E9 UniRef90_W8H9W0 UniRef90_UPI00044366B3 UniRef90_UPI000373F4F8 UniRef90_E9SMT5 UniRef90_R4KMF3 UniRef90_H2FVT2 UniRef90_R5EYZ9 UniRef90_E2ZIU4 UniRef90_G8PT02 UniRef90_A9KPZ3 UniRef90_R5A711 UniRef90_D0D699

290 300 310 320

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

QUERY Q E A F K R G E T R E I M G I G I S F T E I V G A G P S K N C D I L G V S M F 330 340 350 360
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D I D K V T V R Q G D T D E L A S G G G T G G S R S I P L G G V S A A W A G E D
P L E R V S V I Q G D T A Q V I R S G G G T G G S R S V T T Q G S A V L E A A Q S
P M D Q I R Y I Q G D S D L I A Q G G G T G G S R S V T T Q G S A V L L A A V G S
P V D W V S V A D M D T E T C P H G M G T F G D R V T T L G G N A V K N A A I D
K V E D V S V Q T A R S T H A Y G S G T L G A A S S R G A V V A G G A V S R A A D V
P T S R I S I S E T S T N T V P N S S P T A A S S S D L Y G M A V K I G C E T
P L D H V R V T S G D T D L S V D L G A Y S S R Q T L M T G H A T K E A A E Q
P F E S I K L E Q G D S D I V H T G N G T G G S R I T A S G M A V E A S R L
E V D N I I V H S V D T D L S P F D G A Y A S S G T Y V S G S A V M K A A E D
P T S R I H I T E T S T N T V P N T S P T A A S S V S S D L N G Q A V Y A A C Q T
D G D K V K V I Q G D T D E V P V I G M T G G S R S V P V G G A A V L L A G R Q
P M S S V H L R G T S T E T V P N T N A S G G S V V A D L N G L A V K D A C Q T
E M D E I T V H G V D T D S S P Y D T G S Y A S S T Y V T G M A V V R T C E T
P P E N V R V V F G T T E A P N D T G A T H A S R R G T G I G G I G V E V I A A G R T
P M S N V H L R G T S T E T V P N T S V S G G S L A A D I N G M A V F N A C K T
P T T I H I S E T S T N T V P N T S P T A A S S V A A D I N G M A V F N A C K T
E P S R I A V K T G D T D P L P N S A G G T V A S R R S M V F H G G G A L R L A T G A
P M E R I C T V R H H G D T D E V P K G G G T M G S R R S L Q V F G G S A L R K A A D E
D P S R I K V I Q G D S D R L P K G G G T G G S R S I P L G G V S A A R A G E N
P M D K I T V R H H G D T D E V P R A I G T F G S R R S L Q L G G S A I R Q A A E E K
E M N T V K V T A S T D V A L P H F G Q G G S R L G V A V T G A I L G A C E K
S I D D I M V S G A D T D T S P Y D S G S Y A S S S T Y V T G K A V E R A C E K
D L S R I K V I T M G D T G M T P Y S T G A Y A S S R G M V M A G G A V S K A S E E
P L T D V K I S E T A T N T V P N A S S T A A S S S D L N G Y A A Y N A C M Q
P M S Y I Y I S E T S T V T V P N T R P T A A S S I G T D I N G M A V K N A C E T
P F E A I T V D A G T S T K G A Y G S G T V I G R G A V I A G G C V N R A A A E
P M D N I H L R G T S T E T I P N S G G S V V A D L N G L A L K D A C Q I
G F D D V E I L H H G D T Q S S P K G L D T Y G S R S L A V G G I A V V K A A E K
D V E D I V V S G V D T D V S P Y D S G S Y A S S T T Y V T G M A V V K A C R E D
S V E N I I V H A A D T D V S P Y D P S G S Y A S S T T Y V T G M A V V K A A E D
D I D R I Q I T A T N T D K V P N T S P T A A S S G T D L N G K A A Q N A A R T
S L E K V I V T Q D T D T A P F D T G A Y A S S R Q T Y V T G M A V K K C A M Q
P L D N I T V F G A D T D T S P Y D S G S Y A S S Q T Y V T G K A T E K C A M K
Q L D Q V E M V I Q G D T D R V A T G G G T G G S R S I P I G L P S V K A A S E T
D F D D I T V Y G A D S D S S P Y D S G S Y A S S T T Y V T G K A V E K A C L Q
S P D E I A V F G A D T D A S P Y D S G S Y A S S T T Y L T G K A T E K A C L E
P F D K I V F V I Q G D S D L I A Q G G G T G G S R S V T T Q A N V T I T A V I A

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450 460 470 480

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

QUERY UniRef90_D3PRQ7 UniRef90_UPI00037CFAB0 UniRef90_UPI0002D64CBB UniRef90_K6WL87 UniRef90_F8IBQ0 UniRef90_D3PS55 UniRef90_D0LFU3 UniRef90_MOMPM9 UniRef90_A0A023X1X4 UniRef90_UPI00037E498A UniRef90_UPI000361A870 UniRef90_UPI0003688116 UniRef90_F4D028 UniRef90_K2MX38 UniRef90_D1C3M5 UniRef90_UPI00037CA158 UniRef90_UPI00047B5784 UniRef90_Q025V3 UniRef90_Q12G05 UniRef90_I3TMMK5 UniRef90_M5AR36 UniRef90_UPI000417D8EB UniRef90_G5ZX16 UniRef90_B2JK02 UniRef90_D0LKQ3 UniRef90_X7FCB2 UniRef90_Q0G3A0 UniRef90_E0MR71 UniRef90_D2Z8Q0 UniRef90_UPI000477BD7D UniRef90_K8PGI7 UniRef90_V4RGS6 UniRef90_A4EJ59 UniRef90_W4L4R2 UniRef90_I4CEG3 UniRef90_UPI0002627E73 UniRef90_UPI00037E2459 UniRef90_UPI00037E3140 UniRef90_UPI0004711490 UniRef90_UPI00037E3843 UniRef90_UPI0002EEEECE0 UniRef90_A5FZY7 UniRef90_G4HWH3 UniRef90_F8J6N3 UniRef90_C6E1Y4 UniRef90_A5D222 UniRef90_A0A010YSD9 UniRef90_Q11JX1 UniRef90_I9BQQ2 UniRef90_I4C4Q7 UniRef90_E1CG40 UniRef90_Q24M54 UniRef90_R5F6P9 UniRef90_D6TBL2 UniRef90_K2PHR1 UniRef90_UPI0003B54EE7 UniRef90_A3U1W8 UniRef90_A0A010YUG5 UniRef90_A1SE98 UniRef90_C3XZ64 UniRef90_I4C2N1 UniRef90_UPI0004674972 UniRef90_W0EF32 UniRef90_UPI000443EEFA UniRef90_A8TW77 UniRef90_UPI00038C56A9 UniRef90_R5TYN4 UniRef90_I3TFH3 UniRef90_UPI0003336802 UniRef90_K7FMW0 UniRef90_UPI00037144D7 UniRef90_C7MVS8 UniRef90_UPI000464A992 UniRef90_D9UWY1 UniRef90_UPI000360D4B8 UniRef90_D4MU44 UniRef90_M9REM9 UniRef90_W9WCL0 UniRef90_UPI00020383E9 UniRef90_W8H9W0 UniRef90_UPI00044366B3 UniRef90_UPI000373F4F8 UniRef90_E9SMT5 UniRef90_R4KMF3 UniRef90_H2FVT2 UniRef90_R5EY29 UniRef90_E2ZIU4 UniRef90_G8PT02 UniRef90_A9KPZ3 UniRef90_R5A711 UniRef90_D0D699

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

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

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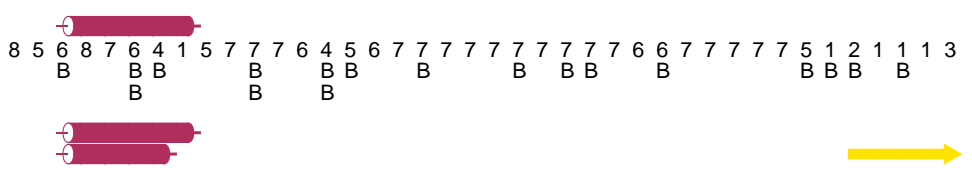
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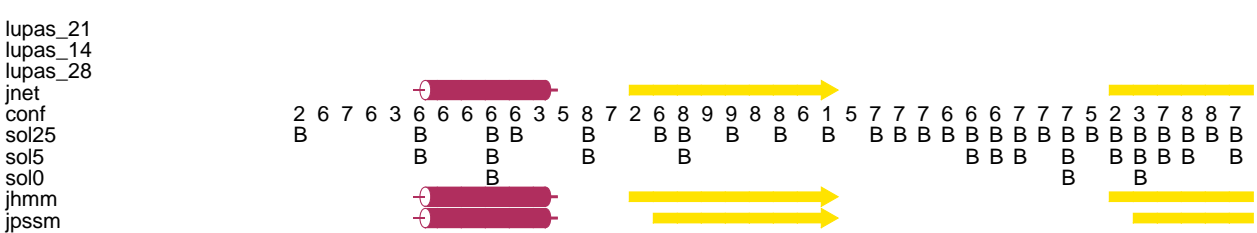
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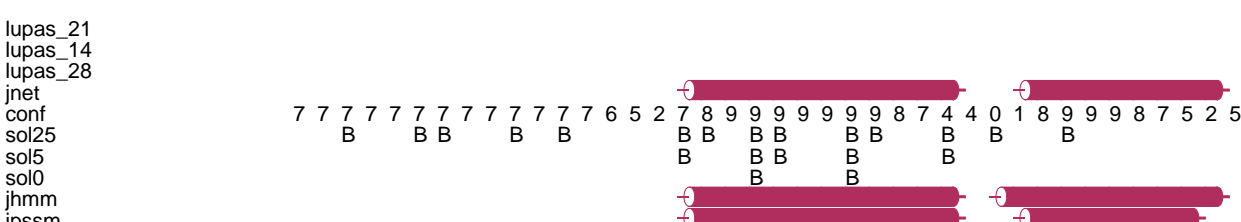
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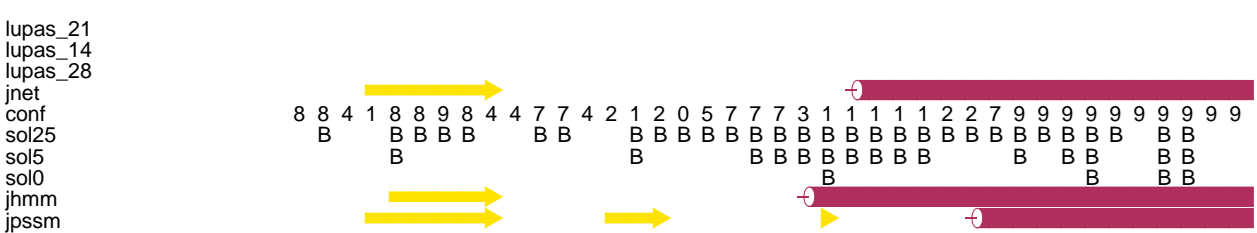
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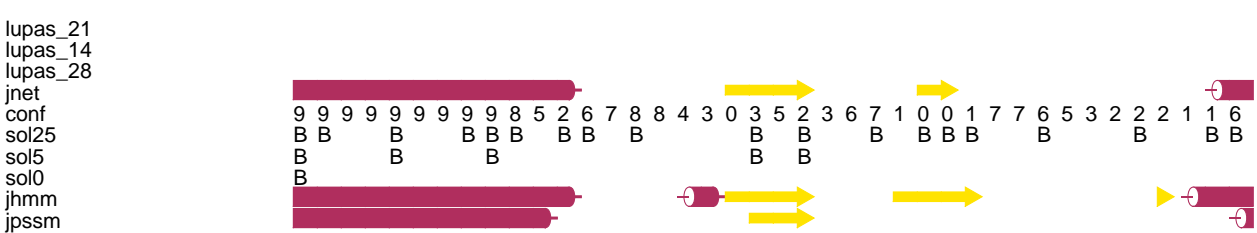
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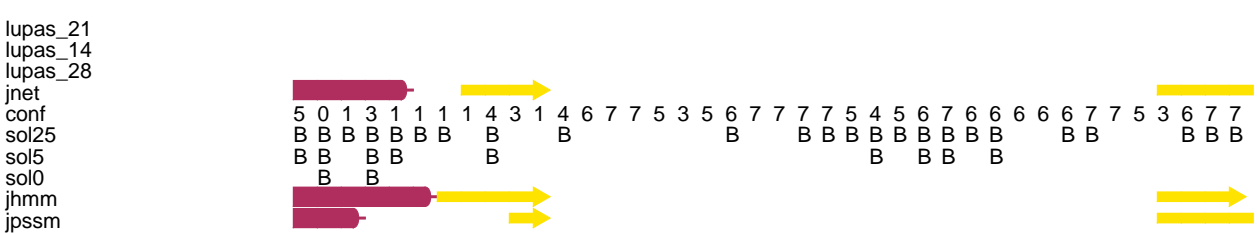
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