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K D G V T S K T Q Q D G Y T A G G E L T T G Y Q I N N D D G T T I V V G N Y S N E Q Q E Q Q V
S K F A V L S S K T Q Q D G Y T A G G E L T T G Y Q I N N D D G T T I V V G N Y S N E Q Q E Q Q V
G A N N I V A T N Q N G Y K P G D L V S S Y Q I N N D D G T T I V V G N Y S N E Q Q E Q Q V
S N N N I V A T N Q N G Y K P G D L V S S Y Q I N N D D G T T I V V G N Y S N E Q Q E Q Q V
T K F A V V A T E L T N Q D G Y T A G G E L T T G Y Q I N N D D G T T I V V G N Y S N E Q Q E Q Q V
G D F S V N D L N Q N G F A S G R L T T G V D I D D D G T T I V V F A R Y S N G Q Q E Q Q V
K A F A V F S N L S Q N G G Y A A G E L T T G L S I E N D D G T T I V M T G T Y S N G Q Q E Q Q V
G A T T S V G N P T Q N G G Y A P G G D L T T S Y S I A N D D G T T I V T G T Y S N G Q Q E Q Q V
G A S T F G S P T Q N G G Y A P S G D L T T S Y A I A N D D G T T I V T G A Y S N G Q Q E Q Q V
G D F A V V N D L I G N Q N G F A S G S L T T G V D I D S D G T T I V F A R Y S N G Q Q E Q Q V
G T S G V V A I N Q N G Y A P G S L V S Y A I D S D D G T T V V F A R Y S N E Q Q S A Q L
A F G V N N L I Q D G Y T T G R L L A G V D I D T E G V I F A R Y S N G Q Q S S A
S S S E L L S K T Q N Q N G Y T T G N D L V E Y A I N D D D G T T I N G N Y S N G Q Q K Q L
G A N T L L S S N Q N G Y K P G D L V G Y D I A I N D D D G T T I V G N Y S N G Q Q K Q L
S D F S V S K N N Q N G Y A S G E R T G Q T I V D K D D G S V V Y A T F T N G G E R S V L G
S S F A V N D L T Q N G G F T A S G R E L T G V S D D S E G G V V F A R Y S N G Q Q S V L G
S D F N V T R N Q S N G Y A G A G E L T S G V S V A D D D K G G V F A M F T T N G Q R S V L G
S S N A V V F Q N Q N G Y A S A G N L I A V T V D D Q D G V I S G V F T N G Q Q V K K
G T D S I V T Q N Q N G Y A A G E F T G F Q I N N D D G S V I V G T Y S N S Q T Q Q L
A E F L P A P S K S D G Y T A G T K N G E R I N N D D G S V Y A T F S N G K R Q M L
Q G F T T T A N K S D G Y T S G V K N G E R I E S D G S V Y A T F S N G E R T Q M L
G S N S T K T P T Q D G Y A P E G E L T G Y S I S E D D G S V V G S Y S N G K R T Q L
E K F A L R R T N T Q D G Y A A G K L N E I T V S E D D G V V Y A R Y S N G K R D D K A
S E N T M D S P S T T T G Y P P G M M N G Y N V G D N G Q I I A T Y S N G K T Q Q L
S E N T M D S P S T T T G Y P P G S M N G Y T I V G D N G Q I I A S Y S N G Q R Q Q L
S D T S M K S P S T T T G Y A P P G E M N G F I I G D N G E V I I A S Y S N G Q R Q T
D A D S I L J A P K Q D G Y A A G K F N G Y R I E K D D G R V I J G T Y S N Q Q S Q V
E A F A L R D T R Q D G Y A S G K L N E I S I D T S G G V F A R Y S N G Q A R D K P
S D F V V T T N R P S G Y A P G E Q T G M V V E K D G R V F V N Y S N G Q R L L
A P F T I S S V S Q D G F A A G Q L D G V T V G P D G L V T A N F S N G E T Q P
S E S S V A S L D V N Q D G Y T A G S Y T N F K V I E N P D G T I V A N Y S N G Q K R V
N D N A V A K Q T Q D G Y T S G S L T A F A I N P D D G T T V T G K Y S N E Q Q T K T
S A F A V N S V S Q D G Y T T G Q L S G L E I D D D T G V I F A R Y E T N G Q S R V
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N Q S S V S A I D V D G H A S G E Y M S F N I E D D N G L I M A N Y S N R Q Q Q V
S K F G V N V M S Q D G F A S G R L S A G Y S I S D D D G Q I R A S Y S N N G D T T R T
S A F A V T S R N V D G A S V G E L S G V S I S D N E G I V S A S Y S N N G D T V S
S A F S V N T L D Q N G Y T S G R L A G F N V G S D G G V V L G R Y T N G Q S A V
S G F V V S A N D A S G Y A A G E N T G V S I E K D G K V Y A T F S N G E R L L
S D F V V S S V S Q N G F A A G E N T G L E I N E K D K G R I Y A F A R F T N G S A E K
S D F V T T N L P T G Y S A G E Q T G L S V E K D D G R I Y A N Y S N G Q R M L
S A F S I N T L N Q D D G Y A A G E L T S E N V G A D G T V L S A R Y T N G Q S A V
N E F G V N T L Q Q D G F T T G R L T G I E V D A S D G T V L G A R F T N G Q S A E
S E F S V T N N R A T G Y A A G E Q T G M T V E K D D G R V Y A S Y S N G E R M L
G K D G V N N L A Q D G Y A S G T L T T F S I G A D G K L T Q A N Y S N G Q T A V
N A Y A A S A I N Q D G Y P T G L S S I D V S R E G V V T G A K Y S N G Q T T A
S D F V V A T N N P N G Y P A G E N T G V T V E K D G K V Y A T Y S N G E R M L
A A S G V A S Q T Q D G Y S S G T L D R I S I D K G R V M A F S F T N G K T R A
A S S A E I A K T Q D G F A T G E L S L S I D Q N G Y L F A Q S F T N G K D K V
S S F G V N S L S A D G N A P G T L T S M N I N N Q G T I E A T Y S N G K T V S
D S G V T T S P R Q D G Y T T G R L T G L S V S N T G V V Q G T Y S N G Q V R D
N D F E V S S L D Q D G Y T A G S L V G F T I E E N G N V V G N Y S N E Q Q S L V
S N F V T T N R P S G Y A S G E Q I G I A V E K D G K I Y A N Y S N G E R L L
T K S S V K F R A D G N K L A T L K S I G F G A N D G M M Q A Y F D N G E I K D
N N S T V N D V I Q D G Y T S G S L V G I T F G A N D D G T V M R N Y S N E Q Q S R A
R P F N V T N V S Q D G Y A A G E F E N I N V E G D G T I L A R Y S N G E A Q A
S S F G V N S L A A D G N A P G T L T S T N I N N Q G T I E A T Y S N G K T V A
S G S A L L A R H T Q D G S A A T L A S T S F E N D K G L T A V Y D N G Q S R A
E Q S D P K S I S Q N G Y S S G S L V G I T I E D D D G T V M R N Y A N E Q Q S R A
S A F G V T N L D Q D G Y A K G D L S G I S F E S N D G T I V A R Y T N G E T Q V
A A F G V S T N S P N G Y T S G E L A G V R V E D N D G M V Y A T Y T N G Q S Q L
A S T S L S G T A D G Y P Q G T L S N Y T I G S N G V I T G T F S N G Q T Q P
Q N Y G T G T I T Q N G S A P G G L T T G V S I A S N G V I Q A T Y S N S Q T K T
S T F D V T N L S Q D G T T V G F L T G V D I D A F G R V L A S Y S N G D S A Y
T N M P S T I E L S Q N G Y T K G F L K H F E I L N N G E I I G Q Y T N E E E Q K T
S Q F G I N L A Q Q D G Y A S G R L A G F T T S A E P E G I I Q G N Y T N G Q S K T
G S F A V T A V I T Q D G Y A T G Q M S G L S F A E D D G Q M Y A T Y T N G Q S K V
G E T T T I V N R D N G Y A A G V P G E V M L D E D D G G V V V Q Y S N G K Q R K
G A N D A T V T A D G V S T E G Q L E S F S F G A R G G E I N A V Y N K S V V T
G D Y N P I Q V K I D G N S P S P I E D V T I G A D D G T V V V A N Y N G T T R P
A D N D V K Q L S Q N G Y T S G S L T G F S V N G D D G T I T G N Y S N E Q T K P
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S A F A V N K V S Q D G Y T G E L A G L E I D E N G H I F A R Y T N G Q S K V
S P F A V T S E N V N G Y A P G T Y S S I S V Q S T G E I D A N Y T N G Q K K A
S A S V D R L E T Q G G Y T T G S L V G I G V L S D G V V Q G R Y S N G Q T R S
V A M S A K A E T A D G Y A A G E L Q G L T I D S A G V I T G R Y S N G Q L E T
M D S S I R V A Q M T G Y S A G S L Q G F N I D A T G K I T G T Y S N G L N Q L
S D F T T K A V K Q D G Y P M G Y M E S F S F G A D D G T V T G V F S N G S V R Q P
S P F E V T E L S Q D G T T V G R L T N V E V G A D D G L I N A S Y S N G S T V P
G G D F A F S F G Q D G Y P T G E Y A S M A I A A D D G S I V A S Y T N G E T Q T
G G N T V E V S S D G S A M G S L A S Y T I S D T G T I Q G V I F E D G M K Q P
G E S A L L S S N V D G G M L G T V A S V E I S P D T G V V S A I F E D G T A R A
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S A Y N V T K A Q L D G S P P S K I E S I D I D K D G T V Y A Q Y A D G S M K A
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A S F A V T S E N I N G Y A A G T Y S A I S V Q S N G T I D A N Y T N G Q S K A
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QUERY UniRef90_D0ZFN9 UniRef90_A9BQ61 UniRef90_C9Y0Y7 UniRef90_L0M3Z5 UniRef90_J0W9Q1 UniRef90_UPI000420B29E UniRef90_UPI00035DBCCC UniRef90_F0Q7M0 UniRef90_UPI00037A2D2D UniRef90_H3RBV2 UniRef90_UPI000381E3E8 UniRef90_V5AN69 UniRef90_S6BHC0 UniRef90_UPI00047B3311 UniRef90_UPI0004660E83 UniRef90_D2ZHG3 UniRef90_G2DE77 UniRef90_N9VJ32 UniRef90_B5YIG4 UniRef90_A1JT15 UniRef90_E7AZU7 UniRef90_W8G8J9 UniRef90_C6CF59 UniRef90_A0A023Y457 UniRef90_J2IXK5 UniRef90_W7NBB2 UniRef90_UPI000468AC03 UniRef90_C7BNX1 UniRef90_G2LS10 UniRef90_S6AM55 UniRef90_M4S367 UniRef90_I0DYN1 UniRef90_G0AIJ2 UniRef90_UPI0004699E44 UniRef90_G8PQ00 UniRef90_B8CVP7 UniRef90_K8WDB3 UniRef90_Q82XG9 UniRef90_UPI00026CD667 UniRef90_UPI0003768699 UniRef90_S2JZD7 UniRef90_UPI0003B3CA54 UniRef90_UPI000372104D UniRef90_UPI00036281D7 UniRef90_UPI0003B32CA UniRef90_A0A023VWX86 UniRef90_A4JJJ5 UniRef90_I4WQP6 UniRef90_S6I1U8 UniRef90_D8PFH3 UniRef90_E4RB11 UniRef90_UPI00045E9D6C UniRef90_A1K948 UniRef90_C1DHJ5 UniRef90_I3ICF7 UniRef90_T0S1W4 UniRef90_UPI0003708D94 UniRef90_A1WUE2 UniRef90_G2J2H7 UniRef90_T0RFQ3 UniRef90_L9U632 UniRef90_H5VWS85 UniRef90_L0I0L7 UniRef90_UPI0002E2AEEE UniRef90_Q7NU18 UniRef90_UPI00011DWP0 UniRef90_Q8K9K6 UniRef90_F9ZD28 UniRef90_UPI000464648A UniRef90_A3NFX5 UniRef90_UPI0003821E4F UniRef90_J2W1F3 UniRef90_B2AI79 UniRef90_U1GZQ5 UniRef90_UPI0002DCC646 UniRef90_C6NYI1 UniRef90_A0A011PI24 UniRef90_UPI00036D3EC8 UniRef90_A4XIY4 UniRef90_B0SF85 UniRef90_A3QCL9 UniRef90_F4GYP3 UniRef90_A0LT62 UniRef90_UPI0002488AA9 UniRef90_G8Q5P9 UniRef90_UPI0003A7FFF2 UniRef90_F1THP2 UniRef90_U1AR11 UniRef90_UPI00039FB003 UniRef90_E6QM23 UniRef90_UPI0003B75FFD

250 260 270 280

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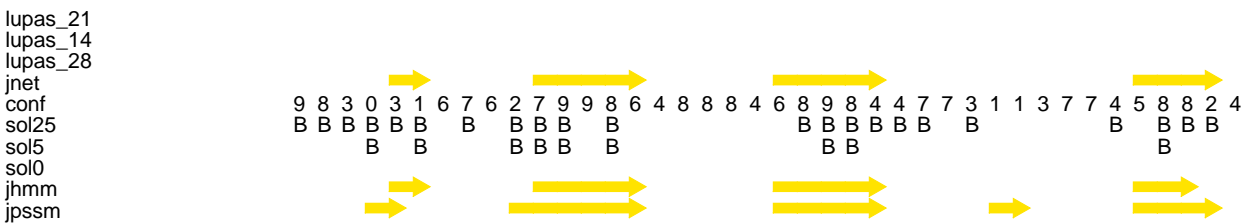
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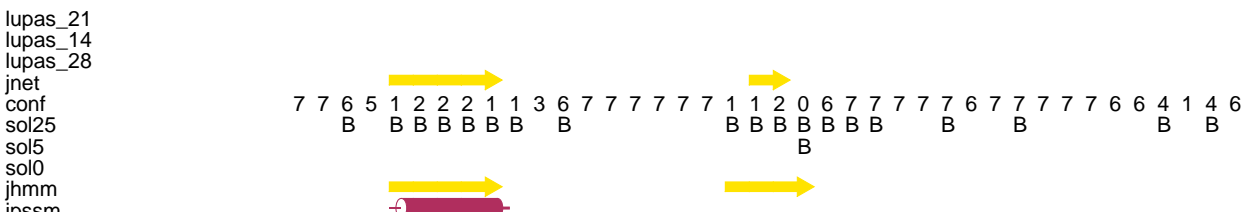

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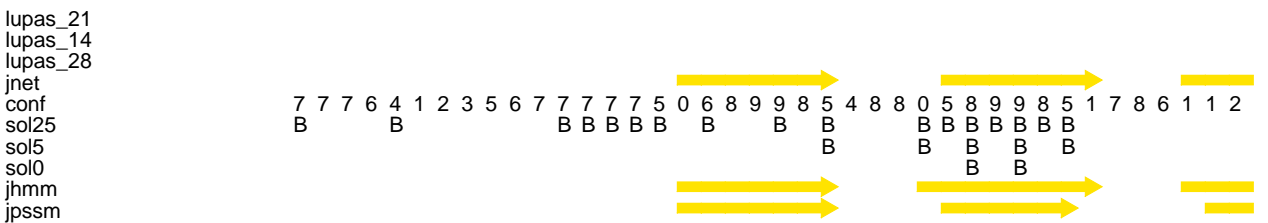
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Y N F I

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

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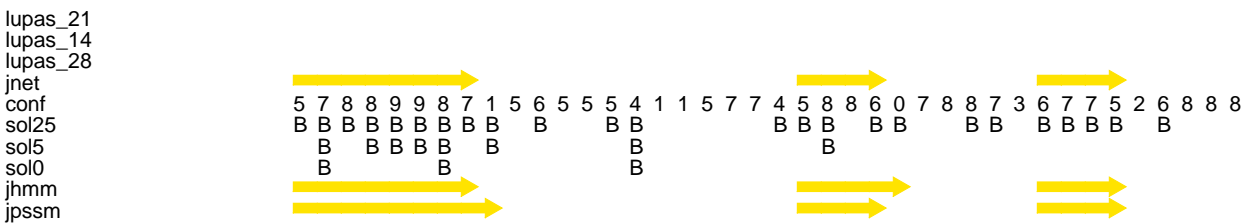
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E A Q I A V A K F A N P S G L T K L G G N L Y Q E S N N S N V K T V Q A Q T V E
I A Q L A L V S V E N P N G L E K Q S G Y Y Y R P G A N S G E V E A I I K P N G G

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

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