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Q A A V A A A R D V W F D R D V S G W L E A F A A H P Q I
E A I L L Q V A A R E A M A D W G E N D L N A A L S A H P R I
A S I L L T A M D R A W S L S R P E N D Y L E A F A A H P R I
E A L L A E A A R L S E S W D A S Q A L A Q A L S A H P R I
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E V L F N A A Q A L T H S W D E H V L T R A L S A H P R I
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D E L F R A A D R L L F E L G E E S I D L L Q A Y P D I
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P R L L D A A E Q A W A A L E R A D I L E A F S H H P R I
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70 80
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Q E A L D A A R D I W F N D V S G W L L E A F A A H P P I
D K L L L H A M R A A A D W T A E D V D A A L A A D H P R I
D E L A S Y A L S G I T P F N P Q E L D A A L A Q H P R I
L E I I A A A D R A A H G L S W P E V R V G L S A H P R I
E S V V A A A H L A A S P L R P D E V D A A L A H H P R I
P E L L A A S D A A W W S L N E S D W R E A F N S H P R I
H A L S S A F A L Q H V S A F S P G E I S A A L A H H P R I
A Q L Q H Q L R H V V D S A D A D T R L J A L I R A Q P E L S D
G R L L D A A R R A A E P F T A A E V E A A L A H H P R I
T A L R E A F E D A V L T A A P A D E Q K S L V N G Y V D I V D
D A L F R R A D A A L F E L P E S A V D Q I L D A C P D I
K H L K V F I Q E E F S L S I S K K K I L I N N H P R I
E Q L L E F S R Q J E S H W S P E I Q A A L A N H P R I
D A L Y Q T A K I Q A Q T W Q W S E I A N A L A Q H P R I
D A L F R C A D N E I F A L S E E S L N E M L T A Y P P L V
A E I L S R A E D I A L N L S D V D V E R A L Q C H P P V
T D I S T A I N N F L D Q L S L K E K Q R L L L L Y P D L V
D A V L A A R R I W I D K V D V T G W L E A F A A H P P I
P A L L D A V S V A I A G L V D H G R A E A L A G H P R I
V N M Y I D L V N V V E K S G A E K Q L L E L I K S H P Q L A
E Q L L R T A A T A A E P F T V A E I D Q A L V H H P R I
E Q F M S M A K Q A F S Q L T E S D W L E A F A G H P M I
A R L Y A A A D A A L A A L D D A G L A E A M A G H P P I
L A L R G A F Q D A L L S S E E E Q L A L L R S F P E L A S A D L P
D H A L R S A R D I W L N K S D V V G W L E A F A A H P A I G
E E L Y E T A S L Q A K T W N W S E V S Q A L A L H P R I
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E Q L C Q V A D E A D A S L T R Q D W L L E A F A A H P R V
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E Q L F E F A D D L L F G L S E E S I D S L Q A Y P D V G R R P
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A A L H A A S D A A T A A L E G P D L D D A L A G H P P I
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E R L V A A A D V V L S D D A E I L G A L A H P R I
E D L L A K A R T V D A Q L G R A D W L L E A F A A H P E I G
A S L F A K A D E L L F S L G E A S M D T L L Q A Y P C V G S R
T V L L T A A A A A E N L D G D D L T D A L A G H P R I
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E A L Y A A S D A A L A E L D A K G L D E A M A G H P P I
E A L L A G A R V D L T D D E V R A A I A G H P R I
D S L L E S S D K F L A D I T E I L E E S L I N H P R I
T A L T D R A Q Q L M Q H W G E A E L L A R A L S A H P R I
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Q N L M D L A A Q Q S Q N W T W T E I E T A L A T H P R I
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P Q L L D A S D T A V A A L T A G D V D E A L A G H P R I

70 80
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G E K A S G S D T E S
G V N P A A T K T L S
G D R T A T
G S K N A G P R
G D K K G M E G K F A
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G D D P V K L K E S G
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G E K Q A Q Q Q L T A
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V G K L A D L S I F M
G S T S P S V S
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A S A D L P R V L R A
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G D R V T G S T A E A
G D R P D N A S
G R P E P

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90 100 110 120

LEK N F S N R E Q S A I L S A D E E T Q M A L L K G N I J A Y E K K Y G Y L F L M
Q S S T D E N Q A G A G A I H L C T P D E F Q R F T E L N E A Y E K A R F G F R P F L M
A H S R S R G E Q Q S A G L G A L D G S V D E E A A Q F A E A N A A Y E E D R F F G F H V F L V
R W S R R G E Q Q S A V T A D A G G D A A A Q A F A E A N A A Y E E D R F F G F H V F L V
T L S F R E E Q Q G C H Q I V T A D A G V D R V Y Q S L Q Q L N E Q Y E K K R F F G F K F V L V
G H S S L E Q Q S R F A H V A T A G R E S T F F E F T R K N Q R Y E A D K F F G F L F L V
S T L E Q Q S A S N S S L S D G D V Q A R E L T E W N Q R Y L E K F F G F L F L V
G F S R N E Q Q A G A G A M D R L S D G D V Q A R E L T E W N Q R Y L E K F F G F L F L V
E D S R N E Q Q A G A G A M D R L S D G D V Q A R E L T E W N Q R Y L E K F F G F L F L V
D W A M K E Q Q S A G A M A T A T E P A E T H A R E F L G E M N V K Y E Q K F F G R F L F L V
D L S R N E Q Q A G L G S T D D E T K A E L L A K G N A E Y E E K R F F G Q V F L F L V
K E E G F S E R S E G Q A T L S Q D E E T Q A A L L K G N L A Y E E K R F F G F L F L V
G W S R G E Q Q S G M T G A A P D V R H A L V E G N R V Y E E K R F F G F H V F L L V
S L S L K E Q Q G Y S T N N D L S Q A N E S N L Q E L N Y K Y E E K F F G F R F F L V
V E K N F S N R E Q A A I T Q T D E A T Q Q A L L E G N A Y E K K Y G F F I F L L V
R W S K G E Q S I A L A T A T D H T L Q E L L Y D W N A R Y E A R F F G R I F L L V
R M S R T E Q Q P T A A E A T A A R I A E G N A A Y E A R F F G R I F L L V
D L S R G E Q Q A T L K L D G D A T A R L K A A N Q D Y E N R F F G R V F L L V
S W S R R E Q Q S T A A Q S A D E E L T K A A L L V D A N R A Y E N R F F G H V F L L V
T L S R S E Q Q S G L S I D E E L T A A L R A G N A E Y E A R F F D R V F L L V
S L R W S E G E Q Q N S A M L S D D A A K A K L A A A N K A Y E A K R F F G R I F L L V
D L S R G E Q Q A S L K L D G D S E R L E A A N R A Y E Q R F F N R V F L L V
R L S Q S E Q A A L G V P D D P A V A A A L A E A G N R S Y E E R F F G Q M V F L L V
A D D Q Q A Q Q S I D L D R M D D A V Q R G E L A A A S A S Y E E R F F G M V F L V
E P C A V L W D D D A E L M A A L S A A S R Q Y A Q R Y G S F T F V M
Q E Q A F S A K R E Q Q A V Q L N S K E E F L K T M N D E Y K L K F S F P F L F
K E Q R F S A K E Q Q Q L G A D E D L Q Q A L L Y Q G N L D Y E S K F F G H I F L L V
V P S H L E Q C S I W V P D D A G M A T I Y R A G E H Y E R N F F G F R Y L W
L Q I D Q Y Q R V S G A D Q L T I D D K H K L G K L N K R Y R E K F F G F P F L T
K W S Q E E Q Q S A L S T A T D R S A Q E L A E W N A R Y R E K F F G F V F M I
E S A L S Q S A V A T A D A R I L A A A G N R A Y E D R F F G H V F L V
A L S Q G E Q Q S G A G L N E C T E E E A K E L A K L N K E Y N E K F F G F P F L L
E L S R A E Q Q G G I D P D D A D L Q R E L R A R N V A Y E E R F F G R V F L L V
A K H L S E A E Q A Q V N H A Q A T L S A L L E L N Q R Y L S R Y G F I F L V
D P A S A R E Q R G M A G A P E A L R A E V R E L N L A Y E E R F F G H V F L L V
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Q W C K E E Q S A A M A T A N D S A L Q E L M S Q G N L A Y E H K F F G H I F L L V
K E Q K F S Q N E Q A L L D A N S D L Q Q A L L S Q G N L A Y E H K F F G H I F L L V
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A W S R S E Q Q S G V I G S G S G G D A A T R L A A G N A A Y E D R F F G H V F L L V
G F S R A E Q Q S G V I S T D A D D V Q S R L V D G N R A Y E K R F F G H V F L L V
D A T S S R E Q R G M S D A D A D L K A E M L E L N A Y E Q E K F G H V F L L V
T L S R G E Q Q S S V N A D D L D A L K Q A L Q A G N A A Y E E Q F F G R V F L L V
A L S R Q E Q Q S S V D T R D D A Q L K A E A L R T A N A Q Y E A R F F G R V F L L V
S A S Q Q E Q G R F D L T S Q H N E H R T H L V T L N A Q Y Q E K F F G F P F L V
F D E C G M M M Q A T K N A D E A V L D R L E E L N D A Y F K K F G Y I Y L V
D A V S E R E S A A G V R G V D P S V L D E L R A A N A Y E A K F F G H L F L L V
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G D P T S A R E Q R G M A D A S D E L L A R A E M L A L N L A Y Q E R F F G H V F L L V
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H L A R S E Q Q S N V D S S D S A A Q K R L T D G N R A Y E D K F F G R V F L L V
D N P T S A R E Q Q A A V T T A G D D L R A R E L A T R N A Y E E D R F F G F V Y L V
G D A T S A R E Q Q A A V A T A G D D L R A R E L A T R N A Y E E D R F F G F H V F L L V
D P V S A R E Q R G M A G A S E Q L K A E L L E L N L A Y Q E K F F G H V F L L V
T A S R L E Q Q C S L W D E D E A L M S A I T A A A A Y E E R F F G Y R Y L W
A W S D R E Q Q S G V I D G S L S A Q L T A A N A Y E A R F F G H V F L L V
I S T W E A Q E Q Q S G A A Q A A A A T L D E L S A C N Q A Y K A K F F G Y I Y L V
S R G E Q Q C A V W D A D A T V M A Q L D E A A R R Y C E R F F G F G F V M
E D A A S R R E Q Q S A V A T A D A D I L D R L A A G N R E Y E E R F F G H V F L V
A D S K V A G L H S L S S R E Y K K F V L L N N K Y E K K F F G F P F V I
D P T S A R E Q R G M A G A S E E L R N E L L E L N L A Y Q E K F F G H V F L L V
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P D H E A R G I A A V D N D V Y A D I G A L T A A Y H E R F F G F P F L V
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A L S R Q E Q Q A E V N A D D A A T A R A L K E G N A R Y E A R F F D R V F L L V
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H S A A S A R E Q A G L A D A P D E V H A L A A G N R A Y E A R F F G Y R Y L V
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N F S D R E Q Q S G V K Q D E Y T Q R A L F E G N V A Y E Q K F F G F I F L L V
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I D A F D A L P A D A A S T V R V W A A I P T W V D A V V A A R P Y T D R
L A E F N A L P E R A A E S A L L S C C A V P R W A R A V A A A R P Y P T V
D Q W N K A E E S S A I E S L L H C C A T R K W A A Q L A S A R P F S S L
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M Q E Q R P Y A N A
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R G P Y P D L
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F N T L P D R R A T H A L Y E C C S S V T W A G N V A S G R P Y D T H
A L N A L P E Q E F R D L L J A C C H A P G W A A L A A Q R P F P A V
S Y E S F L D L F G N V V E R N L M I A T L V Y L K G V I V S K
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I K S L M E M D I M R F V S L F G N V V E N N N Q I A G V V Y S R G T I S E
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M L T K F P I R G V
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UniRef90_B2AP44					F A S Y
UniRef90_B9WDD1	I	Q S F K K S S S E D K R Q V L D H L F E P C	N T L S N F V F I K V L H Q Q Y		
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L S A L P L T D Q L K V L D T L F E P S S E L H N L L Q K D Q T F T S S Y
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S Y
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N Q L S T V P R P Q L I E A L N H L F E P C P L L I S K V F S G G L Y P D Y
D I S T L P A L R H S D Q N Q I L D T L F E P S H S L T E S L L Q Q K C L S S Y
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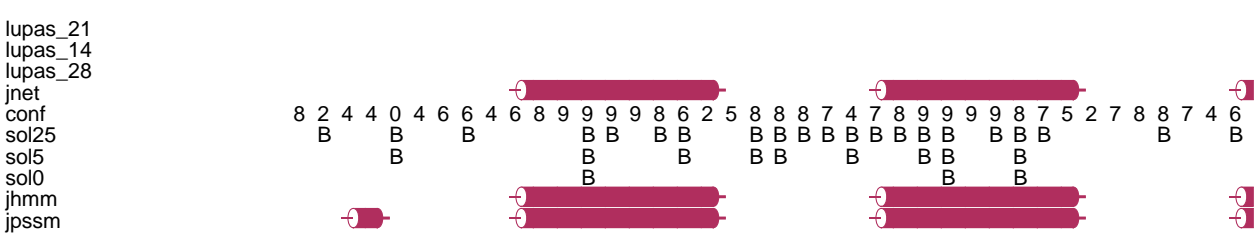
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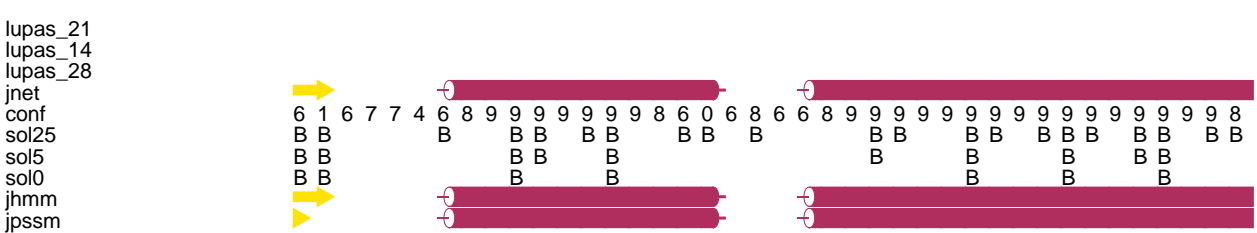
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