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90 100 110 120

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

QUERY	130	140	150	160
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UniRef90_I4C9Z9	A A A K P N P T T G A C K S V A E A I G R I K T I N V E G C C C C P P N A D N M V A T			
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UniRef90_UPI00037DE02E	Q A S N P N P T T G A V G V D A I I T D K P V V N V A G G C C C P P I G E V I T A T			
UniRef90_E1S8E0	Q A A Y P N P T S N A Q P L H K I I D D K P I N V P A G C C C C P P S E K N I V G N			
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UniRef90_UPI00036A92AB	P A A A P N P T T G A L S V S E A V P G G A T V L P G G C C C P P L N A N T N L T A T			
UniRef90_C6BUG7	Q A A A P N P S Q A K G V S E A L G G V T T V N L P G G C C C P P T N P F N F V G T			
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UniRef90_UPI00038028F5	P A A S P N P T T K A M G V W D I V K G K P V I N V P A G C C C P P Q M N P A N L I G V			
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UniRef90_NOAWB5	A A A S P N P T T G A V P I T E L I K D V I P I A L I N V P G G C C C P P I A E I M V G T			
UniRef90_I3BNJ2	P K A N P N P T T G A A S V A D I I K D K P I I N V S G G C C C P P I P V I T G V			
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1 10 20 30 40

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UniRef90_R4K194 L A A E T D P P V I W L N G A G A C C T G C C T I S T L N V T N P T I D N V L T N K I

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UniRef90_H816J1	K E N	M E R V K K L R Q K A R T V I	A F G T C C A C F G G G I	
UniRef90_A6UT68	K E N E	E I A I E M R K K A K I V V	A F G T C C A V Y G G G V	
UniRef90_M5RAW7	N E D	V D R I H E I R E N S R V L V	T I G A C C A T A G G G I	
UniRef90_G9EQ10	P D E E L	R I K K I R E N S K Y I I	T I G S C C A T A G G G I	
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UniRef90_UPI00045EA830	P D E	I E R I L G H I R E I S K H V V	T I G A C C A T S G G G I	
UniRef90_Q2IH66	D E Q E	E W A R L L R R K A R T V V	A F G A C C A H L G G V	
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UniRef90_UPI0003761208	K R D	L E R I R Q R I R A E S R V L M	T I G A C C A T A G G G I	
UniRef90_A7HID9	D E Q E D W S	R L L R R K A R V L V S F	G A C C A H M G G G V	
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UniRef90_E1RG73	E E N	R E R L K M I R K R S K V L V	A L G T C C A C Y G G G V	
UniRef90_N6VS71	E H D E	H L L E E I R E K S K I V V	A F G T C C A A Y G G G I	
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UniRef90_W015A3		V E R V K K I R E R S K I L V	A L G S C C A T I G G V	
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UniRef90_B4S4P4	Q R D	L E V L K E A R N R A E Y L I	A L G T C C A T H G G V	
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UniRef90_R9L134	E R D L E Y	I K R I R G N S K I L V	A L G D C C A V W G G I	
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P G L G N P T D G V P T V K P I T E 130 140 K A D Y V I P G G C P P K P A L T A G A
P A A G D D P N E A L P A Q V Y S V L N E V V K V D D Y S I P G G C C P P T T P E W I A N A
P G L A N N S T D N E V R P Q Q H L Y S D D D V V K V D D Y Y M P G G C C C P P P T T P T T A N L F
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P A M I N M Y S D E E E L K K F T Y K D L V K V D D L Y L P G G C C C P P P H P D T W I A E G A
Q A A R P D Y I Q T L A T S T A I S A D H V K V D D Y E L H R G G C C C P P P I N K P T R E Q L V I E T
Q A A S P H Y I S T L A T S T A I S A H V V T V D D Y Y L P G G C C C P P P L I N K P N Q L I E E A
F G L Y S N K T T E E G V F P P L V E E T I D V D D Y Y L P G G C C C P P P L P N Q L I E E A
P G A G T P S E G E N V P E L K P P E I K A V I D V D D L F V P G G C C C P P P S P A M I A N A
P G M T K N E E G T I P S E D V L S D V I D V D D Y L P G G C C C P P P K P E L I A E V
M T H F K A P E G D L E L P E F F D Q V V E V D D Y Y L P G G C C C P P P K P K L L L Q A
P A L A N S Y R N Q E I L D R Y L D E K I K V D D Y Y L P G G C C C P A P H P D D Q V V F A A
P G S T Y N E E G V I P S E D P L A E A I D V D D L S L P G G C C C P P P R S D D K V V A E T
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P G S T E N P K K V T P K T S V L D Q T V D V D D Y Y L P G G C C C P P P T P P K D L L I M T A
P G L G N D N V G E L P S D E P V P S I V D V D Y Y I P G G C C C P P P R P E L I N A G A
K G T T D N T E G L V P Q S T P Y A D V V K V D D Y Y L P G G C C C P P P H Y N H I K W
Q A A S P R Y I E T L A T S T P I A A H V V P V D D F E L R G G C C C P P P I N K V Q L L E V
P G L A N N P D K V L P Q T S K P L N H V V E V D D Y Y M P G G C C C P P P T T V D R L L E V
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Q A A R P E Y I K T L E Q S T P I A E H I K V D D Y Q L P G G C C C P P P N K Q L L E L
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P C S T V N P E G L I A N E D V L G E A I Q V D D L F E L P G G C C C P P P K S R D V L A E A
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Q A A T P D T A T L S T S A I A A H V V K V D D Y W E L W G G C C C P P V N T H Q Q I L E T
P G M T D N P N N V I P Q P K P I D E V I E V D D Y Y V W G G C C C P P H H Q D H V L A K V
Q A A R P D Y I Q S L D H S T P I A R H V V K V D D L E L W G G C C C P P V N G R Q V L G A
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P G S T E N E K G I P N E E P V P D V I D V D D Y I P G G C C C P P P E P E L I A K I
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Q A A K P A Y I D S L P E T A T P V A E H V V K V D D L E L W G G C C C P P P V N A E Y L V F A A
T C M K D N P S K L P I V H P A G D L A L I D D Y Y L P G G C C C P P P K A E Y L V K K D I
E L T L P T L M Y A R P L D E V V K V D D Y Y I G G C C C P P P H Y E H V K A A
Q A A H P E Y I S T L A R S T P I S A H V V S V D D F E L R G G C C C P P P D K G Q L L E V
V G L G N N P E A P L P G G P V L A D H V V S V D D Y T I P G G C C C P P P S K P A V V Q A A
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V A A Y R L P A S V L P R A L P L A A D V V P V D D Y T V P G G C C C P P P S P K A L V Q A
Q A A S P E Y I D S L E H S T P F S D H I R L D A E L W G G C C C P P P D P G Q L L K R M
S G L S M L Y S N A E I F N K V Y R N G A T V D D Y Y I T G G C C C P P P P K P E N F I R E L
P G L G N L Y T S K E T E V V K P I S H V I K V D D Y Y I P G G C C C P P P C P N I K R D A
Q A A Q P E H H S L A T S T P I S A H V V P V D D L E L W G G C C C P P P V N G R Q V L G A
L R Y S R G G Q M S K P A H V A V G D V I K V D D L A I P G G C C C P P P S P P E T I V V K V
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P A Y T K T P S S A S F Q A D Y H K D V I D V D D Y Y I P G G C C C P P I S H L L K A V
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P A L A N Q P N Q I V P P V Y A L H E V V K V D D L K Y I P G G C C C P P P T T P E M V V A D A
P M A A N P T G A V A V Q D L I K D R P L I N I S G G C C C P P P I P E M I T G T
Q A A D P G Y L D S L A D S S P V A E L I K V D D L E L W G G C C C P P P S E R Q L I A A
L N N S R G G Q W N Q P Q H E P I N R V I K V D D A Y I P G G C C C P P P S P E Q I Y N F
Q A A R P D Y I D T L A T S T P I A S H V V E V D D Y E L H G G C C C P P I D R R Q L L E F
Q A A S P Q Y I S T L A T A T P I A A H V V P V D D Y E L R G G C C C P P I D R R Q L L E D T
Y G T R A N P M K A L E S K P V T D Y V P V D D Y A L P G G C C C P P Y D R R E E L F Q V
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Q A L R N N T I E A L D T A Q A I E D A Y I E V D D F E L R G G C C C P P V S S E Q M Y H A
Q A A S P A Y I E T L A T S T A I A D H V V P V D D F E L R G G C C C P P V N S K R Q L L E V
L R E A G S K G V Q E V I G D R K K V F E V P G G C C C P P A S P Q M M V A T
N A M R N D Q P L E Q V Q E V Y G E H K K V D D Y E V R G G C C C P P M S P P E Y L H V
Q S L R P E Y I D I E G D V Y S V S E I I K P D F I V P G G C C C P P V N G D K L L T L
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Q G A R A N P M K A L D S K P V I E Y L A V D D F A L P G G C C C P P Y D K M E L Y Q L
N G M K N S F P L E E V G K Y V Y G E S Y K F F P T L Q T K A V H Q V V P V D Y
P G T T K N D D G L I P N E S V L S E V I E V D D Y F I P G G C C C P P P N P E M I A E V
Q S W K F Q P K M A E P N E K Y I K V D D Y N I Y G G C C C P P P E K K D F L Y A
N S L K N S F T T E Q C V R D V I S D V V N V D F S I P G G C C C P P V S K E E V E H I
Q G G L E N P T K V L E P R A V I D D Y V P V D D F A I P G G C C C P P Y E K E E V F Q V
N G M K N S F V L D E I R Q S V I H Q V V K V D D Y F A I N G G C C C P P Y H P E V I E V
Q A M P F E I T H A R P V E E V V K V D D Y S L P G G C C C P P V D G K Q F V Y A
P G M A A G A C G S L R A P A V I S A V I D V D D F T Y G G C C C P P V D P D F V R V
Q A T E K N L Y G F L G E H K G I S E V V P V D D Y E I Q G G C C C P P V D P G K E F A R V
T R F S R G G Q H N Q P Q H E P I G D L I D V D D Y Y I P G G C C C P P S P E L I M A Y

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170 180 190 200

VVA LLE GK E P V L P T K I V C D E C P R T K E N V F P
LVA LLE G K S F S L P E R S V C D D E C P T V R E K K A P
LKH VKE GAE L P P KGT GKS F S L P E R S V C D D E C P T V R E K K A P
LGA VLE EGK S F A L P E R S V C D T C P T I R E K Q S T G G D V I T T I
VLA LLE EGK T E Y R M P E K S V C D A C P T I R E S K K G
I S A F L A G R K P Q T P P H S V C V E C C K
L P A L L A G R K P A I A A H S V C I E C C K Q R G G
I L A L L G A E E L D D D T E V G K T D L I S D K S V C D V C P M D R E E K K I
I K E L L D V L K L I A E G K Q L R R I L A S D K A L C D E C P N R T K E N V A P
L T S L L K G K A P Q L T T K N M E V C P R E K S K E G
V Q A L L K G E L P P P G S V L A P D K A L C D E C P R N E S K P E K
L A G L L A G E L P K L P D R S V C D Q C P R E G K G V K
V L A L L K G E E I S I P T T N L C E V C P R E K P P E M D
V S A F L S G R R P N T P A H S V C I E C C K L K G K
V G A I V E N K L P P K G S V I G L P K S V C D E C P R F E K S E K K I
I V A L L E G R D P E L P K K I V D E C P R T K E N V I P
I L E S I L K N D L P A K G S W L T M G T A V C D A C P R N R G I K K K
I A A F L A G R K P A I P T Y S V C I E C C P R R G N
F T L I V T G A T L P P K G S V V I G A S E K A L C D E C V R K K S E N K K
I S A F L A G R T P A I P R Y S V C V E C C K R
V S S I L S G N L P P K G H V F G S D R A L C Y E P L N E T K P E K
I Q A L L Q G R T P R F A D E S V C V A K L R G
I N M L L G D N L P T A G S T L L P D I A L C E E C P R K D S K P T D
L T A L L E G N L P P K G S V L A P A K A L C D V C P R K D T K P D T
V T A F L A G R R P D I P D H S V C F A K R R G
V T A L L T G K L P A K G A V L L P N K S L C S C C K R N E T K P N I
I S A F L H R R K P N T P A H S V C M E C C K Q R G
L R D L L N G V E P V R E R R A L C M E C C K R Q G
I L T L L N G G T I E L P T T N L C E V C P R E K P L A M D
I P S H S V C F E C C K R R G
L V I G A I V A G D L P P A G S W L T G S K A V C D T C K R N P A L T G Q
I R S L L S G A S P Q I K Q D A V C M E C C K R Q G H V C V L
V E A V I T G N L P P K G S W I T N G K A V C D V C A R N P A V K G K
L R A L L F G V V P T E E R D K V C M E C C K R R
V L A L L D G K T E F K L P E R S V C D V C P T R K K S D T G
L L P L I E G N V P E L P K K S V C A E N R N M E I V K N
I L A L V E G K T P E L E T T N L C E L C S R K K S E E S I
I L A F L N E R R P N L P S H S V C L D C K R R G T I C I A
I R F L L S N A T P R I K R D A E H S V C V E C C K A R G
I S A F L A G R R P V V P P H S V C V E C C K R R G
I R A L L F G V M P L I D K D K L C V E C C K R R G
L V P L I N G E E P V I P K K S V C A D C E R T M E H V E F
F T A L L S G Q L P P P G S W I T M G K A V C E V C D R N P V L K A T
L S A Y I Q R R R P R I P T Y S V C V E C C K R R G A I
L D A L L G D A P P P R G A V L A P D V S L C E D C P R K G S R P E R
V N S F L N K R P P N L P N R N V C A E C C K L R G
L T A L L A G R S P D L P T E S V C T Q C C K R R G
A L D A L L G D A P P P R G A V L A P D A A L C E S C P R K G S R P E R
L A D L M A G V I T P F V P G E S V C L E C C K R K G
I P A L I A G D S L D L S R K S V C S E C C D R K M G S V E G
L J A I L N G E E P K I P Q K I V C D E C P R K K E N V Y P
V R A L L F E V V P A L E K D K V C L E C C K R
I L L A I N G D T K Y L Q P F A E F A Q N S T E A C G
I N A L L L G V T P R D N T D K V C T E C C K R Q G Y
L A A L L I G R E P R L P A K T V C T E C C K L R G
L C A L L A G R T P R L P A K T V C S E C C K Q R G
L S A L L N G R R P R G P L H S V C F E C C K T R G
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A I R R L L F G G A P F V D N E K V C Q A C K R Q G
I S A F L I G G R A P N V P T E S V C V E C C K R R G
V D F V Y N G V A L P P K G T E I G V T E K C L C D E C P R E K A Y A R I
L A A L L I G R K P R L P A K T V C T E C C K L R
I N S I L L G K S P H N Y N Y P V C L E C C K R R G
I R A L L F D V A P I D D R D R V C L E C C K R Q
M A Y L L E G N E E Q K D L A G R P L M D L A K R G T T G C
L T A L L E G R E V K L H E K S V C D E C P T I R K E K A L
I V Y F L T F G V P I R A L L H G V A P V L P T E K V C Q E C C K R
C I J A V T G D T E Y L K P F M A N E A G G Y H C G C C D L N
L G A L L T G R K P R L P A H S V C F E C C K
L G A L L T G R A P D L P D T S V C T E C C K R R
L M E L L A K G V E P V R K D Y P V C L E C C K L N E Y
I S A F L A R R R P T V S S A S V C T E C C K R R G
F L K S I L H G K S P Y V P E Y P V C L E C C K R R G A V
V R Q L L F K V E P E K V V D P V C T S C C H R G
I S A F L H G R R P N V A S H S V C V E C C K M R G
F Y Y A L G G
F K S L V L G R K P E I K D Y A V C V E C C K L K E
L R K V V L G G G E I T I T E S L C A E C C K R R G
L G T F L I G S W P E D I D Y P V C L E C C R L N G H
L I D L A K G I E P V K K D Y P V C I E C C K L N E Y
F I N G C E F I S V L K C I L Q G I P Y Y V P E Y P V C V E C C K L N E N V
V K A L L E G K E P E L P K K N L C E E C A R K K S E E A I
L G T F L V G S W P E D I D Y P V C L E C C R L K G
I V S I A T G A M V S L P K Y P V C V E C C K Q
L I D L A K G V D P V P K D Y P V C L E C C K L N E Y
L L A L R G V P Y A V P D N P V C S E C C K L N E N V
A A F L L N G V K P F P K M A V C Y E C C K L S E T
L D A A L Y G S N R L A A T S A L C E C C S R N E
L I D L V R D V K P E L P D Y P V C I E C C K V R E
L L L E G N E E Q K E L A G K Y L K P L M D L A K R G T S G C F C D L M Y D V

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UniRef90_M1P0Y6	E E L K P V Q E V E I D T D E C I L D Q G C M G P A T A G M C E A A			
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UniRef90_E3ESE3	C I T V A K G C C L G P I T R A G C C G A I			
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UniRef90_R9T554	R	K	C	I	D	A	N	Q	P	C	R	G	C	M	G	P										
UniRef90_A5FRK0	R	C	I	K	A	Y	M	P	C	R	G	C	F	G	P											
UniRef90_D6SSB3	R	C	I	S	A	R	V	P	C	R	G	C	Y	G	P											
UniRef90_J7Q7Q5	C	P	S	Y	N	R	G	C	Y	G	C	Y	G	P												
UniRef90_H0TMW1	C	P	A	Y	R	R	G	C	Y	G	C	Y	G	P												
UniRef90_M1P0Y6	C	P	E	V	G	H	P	C	V	G	C	N	G	P												
UniRef90_A6UWB9	C	P	S	A	G	V	P	C	R	G	C	F	G	K												
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UniRef90_H1XT83	C	V	N	G	N	M	P	C	T	G	C	F	G	P												
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UniRef90_F0S2F9	C	L	K	A	N	M	P	C	R	G	C	G	G	P												
UniRef90_C1DJB0	C	P	G	C	R	R	G	C	Y	G	C	Y	G	P												
UniRef90_K1Z7P7	C	I	K	G	N	A	P	C	R	G	C	Y	G	P												
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UniRef90_F2NCW4	C	P	S	Y	H	R	G	C	Y	G	C	Y	G	P												
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UniRef90_C0QP84	R I K Y F L E G Q D R N E F E R F			
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UniRef90_K2B8I6	D F R L L E D L E D		D G G K L D V A F V E G S V M S T	
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UniRef90_W7KT26	P V L T S I V S E D K S G P D M L K D I L D L		D N Y L L V V E G A I P K	
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UniRef90_S5TN16	S T L V D V V H F A E A G P L D E F A		E V D L A I I E G S V N T	
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UniRef90_H2C1G2	P V K F L S L S S E R S G Y E L I R E V L S L N D Y V L V V E G A L P R			
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UniRef90_D3E0T8	D I V Y G T T L V D		L W E M P E M D I A L V E G S V C L	
UniRef90_F6BCB9	E L V Y C Q T L M	D V R E I P D N L	D I T L V E G S V C L	
UniRef90_A6UNB7	E L V Y A L T L S D E K T E I T E T N D K L L E R K I P D I A L V E G S V C L			
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UniRef90_F6D4Z0	E I V Y G Q T L A D		V W E M P E M D L A L V E G S V C L	
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UniRef90_F8GLN0	E F D R S P		D V R E V P D D V D I L L E G G V C N	
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UniRef90_UPI0002D55FE6	D L V Y S P F I D I K K Y P Q		E V D V V L V E G A I	
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UniRef90_A0A011QQS9	D F D R S P		L T D I K H C G A C D I G L I E G G I C N	
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UniRef90_W0SFZ3	E F D R S P		L T D I K T C G P C D L G L I E G G L C N	
UniRef90_X1NZX4	E F S R S P		I T D I K E F V P V	
UniRef90_Q6XQK2	D I V Y S P L V D T K T L P D		H V D V G I L E G S I S S	
UniRef90_T0KSB8	D V V Y S P Y V D M K E F P E S V		D L T I V E G A L S T	
UniRef90_F9ZZN8	E F D R S P		L T D I K H C G P C D I G L I E G G V C N	
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UniRef90_K9YGF1	D I V Y S P V	G S D Y K E Y P E N V	D V C L V E G A V A N	
UniRef90_A0LLU1	D I V Y S P V	A D I K V F P E G	V D V T L V E G A C C N	
UniRef90_A0ZDX9	D L V Y S P		F A D I K E Y P Q G D V L V E G A V A N	
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UniRef90_Q0W2X8	D I D Y M T L I A D A T		E I P K V D L L E V D G A A C L	
UniRef90_UPI00035EC00A	E F D C P		L T D I K T V G D C D L G L I E G G V A N	
UniRef90_Q6AL35	E L V Y S P L V D A		L E F P E G D V T F V E G A V S S	
UniRef90_E8N317	D I R A T P I T D L K E P D E S		G V D V G I L E G G I N N	
UniRef90_L0GZ29	E I V H S P L V D T K T L P E		Q V D I G I L E G S I S S	
UniRef90_B8G3U7	D L V Y S P L	A D V K R F P S H V	D V T L I E G A I A N	
UniRef90_D0IAF6	T I T R S		S I T D V K R I P E R C T I G F I E G G V A N	
UniRef90_K9TY95	D L V Y S P		F M D T K E Y P E G D V V L V E G A I A N	
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		90	100	110	120
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UniRef90_J1AMZ8	Q D		K I S V E E I K E T R E K S K A K V V A L	G G C	A A Y G N I
UniRef90_Q39QE2	E H D R	H A A I			C A V Y G N I
UniRef90_UPI0004700111	S F	I N G A V R L E E Q E E M V K L L R Q K S G L V V A F G A			C A H I G G I
UniRef90_C6A4M8	Q R D		L D L L H Y A R N S H S S N Y L I A L	G T C	A T H G K V I
UniRef90_B3E0W7	E E E	A K H K I M D I R S S S R Y L V T I	G A C		A T A T G G V
UniRef90_UPI00029A303B	E E E A		E L V K E V R E K S S K I V V A V	G A C	A T A T G G V
UniRef90_UPI00029ACF65		H R D	L E L L K N A R N R S E Y L I A L	G T C	A T H G S I
UniRef90_I3REP5	Q R D		L E E V L K D A R N R S E Y L I A L	G T C	A T H G S I
UniRef90_B5EFC2	E H D		R H A A E Q M R K S S C D I V I A W	G S C	A V F G G P
UniRef90_L0AJC7	D D	H E E M A H L L R D R N S R T L V A Y	G A C		A I Q G G I
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UniRef90_UPI0003FD778B		H E E R E R I R R V R E N T R F L V P I	G A C		A T S G C L
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UniRef90_A6FYA5	P A Q		L D E L R A I R A Q S R T L V A I	G G C	A T A T G G V
UniRef90_E8T2I9		I E D R N H A R L V R R E L S E K A K L I V A V	G G C		A S F G G V
UniRef90_X0RJC7		H H G T I R T S E Q M H I A H L V R E K S K A L I A F	G S C		A C Y G G I
UniRef90_E8T5B9	E L D E		E E L V K K E V R R K S K V V V A V	G S C	A V N G G V
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UniRef90_B3E9J2	E H D R	H A A I			C A V F G G P
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UniRef90_K2EQM3	E D N		R K T L E S L R A R S K L L V A L	G N C	A A M G G V
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UniRef90_H2C1G2	D Q E	L C K V K D M T A V Q D L V V R L A Q R A R A V V A V	G S C		A V N G G I
UniRef90_C8WGI4	E E S E A		T V R S L R E K A G A I A F	G S C	A T T A G I
UniRef90_D3E0T8	Q D		E H S V K E L M S E V R E K A G L V C A F	G S C	A M T G C F
UniRef90_F6BCB9	D D	H H A	L E L A E E V R K K A K I L V A L	G A C	A A T G G V
UniRef90_A6UNB7	D D	H H S	L D D L L T T R K N S K I V V A L	G A C	A A S G G I
UniRef90_K1ZMI6	D R E		K E M V L S L R E K S K L V I A I	G A C	A N G G I
UniRef90_F7PL37	A H D E R		R L T R I R N H A D A V V A L	G S C	A A F G G I
UniRef90_D3RQF0	P S D E A		K I M R E I R E Q A Q L V V A L	G A C	A H L G G I
UniRef90_F6D4Z0	Q D		E H S I H E L M E V R E K A G L V V A F	G S C	A A T G C F
UniRef90_D1Z2C3	S D N		L H E L L E I R K N C D I L L I A L	G S C	A C F G G T
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UniRef90_L2TNZ5			D R I R A V R A Q S R F L V A I	G T C	A T A G G I
UniRef90_A5GAS5	P E D		L E T L I N L R N R S R L L I G V	G T C	A R W G G I
UniRef90_B9M7G1	P E D		L E T L I N L R N R S R L L I G V	G T C	A R W G G I
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UniRef90_Q2Y8F1	A E N A R		V L K E F R E N C N V L V A I	G S C	A I T G N V
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UniRef90_W0SFZ3	A E N		V H V L R E F R N C K V L V A L	G A C	A I N G G L
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UniRef90_F9ZZN8	S E N		V H V L R E F R R N C K L L V A V	G A C	A I N G G L
UniRef90_UPI00035D9984	A E N		V H V L R E F R R N C K T L V A V	G A C	A I N G G L
UniRef90_K9YGF1	E D N		L E L L Q E V R K K T K L V S F	G D C	A V T A N V
UniRef90_A0LLU1	D E N		V H L A H E V R E R S K I V I A F	G D C	A V T G N V
UniRef90_A0ZDX9	E D		H L Q M T H Q V R E R S R I L V S F	G D C	A V T G N V
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UniRef90_Q0W2X8	Q	S K E S	L E V L K K A R E N T G F L V A W	G G C	S T A T I
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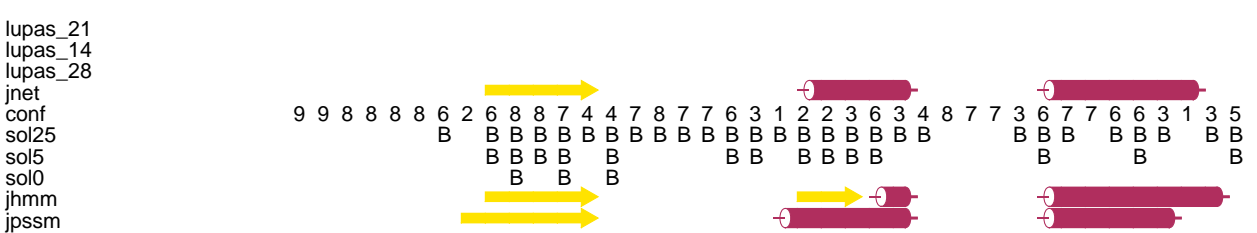
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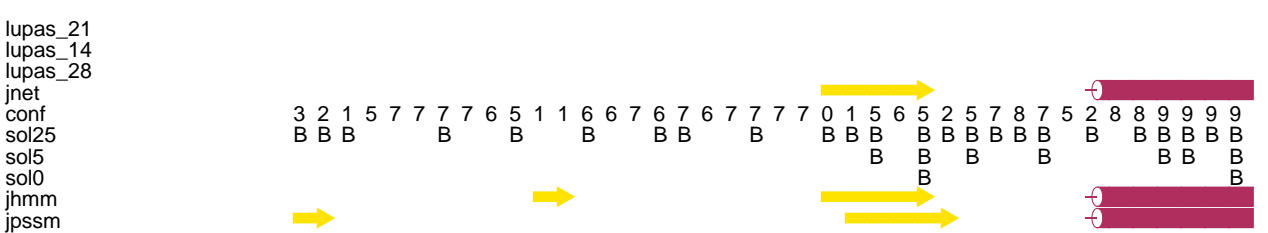
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