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UniRef90_B5XCU8 R E I K K V Y K G E Y K K E D L E E D I K S S E T S G A N F R N A L L V S L C K A T R N K
UniRef90_P26256 H A I K A A F K L L Y K E D L E E K E I S E T S G D F Q R N L L V S M L Q G G R K
UniRef90_Q6IMZ3 L N I R R E F E K Y D K S L H Q A I E G D T S G D F M K A L L A L C G G G
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UniRef90_Q6GNT0 H A L V A A Y K D A Y D R D L E E T D V T Q E T S G H F N K M L V V L L Q Q G T R E R
UniRef90_M3ZIM9 K D I S K V Y K K E F G G K L E E K D I S S E T S G S Y G R L L V I L L Q Q S S R E S
UniRef90_P70075 R K V F D Q Y M T I S G Y Q I E E S I Q S E T S G G H F E K L L L A V K S I R S R D
UniRef90_U5EZ95 K E I V A A Y E E I S D R P L A E H L C T E T S G N F R R L L T L I T G V R D
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UniRef90_H3BCF7 Q E I C A A Y K S H Y G K D L G D L K Y E L T G K F E R L I A G L M E G T R E
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QUERY UniRef90_Q6DJ57 UniRef90_S4RBC9 UniRef90_D6WZQ1 UniRef90_T1G9V2 UniRef90_G3MPT6 UniRef90_F2UPY8 UniRef90_I3KGT8 UniRef90_A0A023FX57 UniRef90_K1PYW8 UniRef90_UPI0003C293E8 UniRef90_W5N0P7 UniRef90_H3AS54 UniRef90_T2MGP1 UniRef90_UPI0003F06DA5 UniRef90_UPI0003F0D245 UniRef90_UPI0001A46D4A UniRef90_S4RNL1 UniRef90_UPI0003F09021 UniRef90_H2Y7G1 UniRef90_UPI0004629970 UniRef90_G1NDY6 UniRef90_UPI0000D570F6 UniRef90_T1HHJ6 UniRef90_UPI0003C14831 UniRef90_A0A022T4N3 UniRef90_R7TCT3 UniRef90_V9KFF0 UniRef90_Q8WPG9 UniRef90_P08758 UniRef90_UPI0002B42586 UniRef90_E0V9K1 UniRef90_C1C3Z2 UniRef90_UPI00035A274B UniRef90_U6FV40 UniRef90_A8KBY8 UniRef90_UPI0003C2AD61 UniRef90_UPI0003443FFF UniRef90_Q6DG13 UniRef90_H9G957 UniRef90_G4VI62 UniRef90_UPI0003C806CB UniRef90_UPI0004420068 UniRef90_Q5EBE5 UniRef90_Q6DDD9 UniRef90_UPI00042C3001 UniRef90_U4U9P4 UniRef90_L5LQK5 UniRef90_H2S105 UniRef90_Q0D2A0 UniRef90_UPI0003315581 UniRef90_K7FQS8 UniRef90_U3I6R1 UniRef90_UPI0003F187D3 UniRef90_G1KJG0 UniRef90_G3VF53 UniRef90_H9KHB5 UniRef90_B4L8S1 UniRef90_V3ZUW5 UniRef90_S7PKU1 UniRef90_R4G411 UniRef90_UPI0003510A33 UniRef90_B5XCU8 UniRef90_P26256 UniRef90_Q6IMZ3 UniRef90_G3QP82 UniRef90_G4VI66 UniRef90_Q6GNT0 UniRef90_M3ZIM9 UniRef90_P70075 UniRef90_U5EZ95 UniRef90_UPI0003C26CE6 UniRef90_P22464 UniRef90_W5JBA1 UniRef90_H3BCF7 UniRef90_UPI0003EA92A3 UniRef90_UPI00029D5BEA UniRef90_W5JYI3 UniRef90_T1IXL1 UniRef90_T1IXL1 UniRef90_C1LET9 UniRef90_K4FXS5 UniRef90_K7FJP1 UniRef90_A0A044RKJ4 UniRef90_W5K8V2 UniRef90_F2UJT2 UniRef90_K1QUX1 UniRef90_E0VHI3 UniRef90_G7Y511 UniRef90_G7MVN3 UniRef90_UPI0003EC17F9 UniRef90_Q2F5T7

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

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

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

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

QUERY	210	220	230	240
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UniRef90_T1G9V2	Y D Q L L R L V T S E Y Y Q K F A N K S I L E Q S V I K N E M S G G D L E K G F V S I T I V R K			
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UniRef90_F2UPY8	E V D M V E I F K R E R F V D T Y N K S L A K M I K K D D T S G G D Y R R R Q A L L I A I V V K K			
UniRef90_I3KGT8	K P H L R A V F Q E Y Q H M C G K D I L E K S I C R E E M S G G N L E S G M V A V V K			
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UniRef90_UPI0003F0D245	N A Q R Q Q I L L D Y K T M F G R D I L V K D F K S E E M S G G K L E K I V L A I V L M			
UniRef90_UPI0001A46D4A	A A Q L L R Q I F A E Y Q N T T G H D I E Q A I E N E F S G G D V K K G L L A I V V K			
UniRef90_S4RNL1	Q A H L L R V F F E E Y G R I S K H D I E Q A I E N E F S G G D V K K G L L A I V V K			
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UniRef90_V9KFF0	F P Q L L R K R V F Q E Y Y K L S G H D I E V A I K K E F S G S I E K G L L A I V V K			
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UniRef90_P08758	V S H L L R K V F D K Y M T L S G F Q I T E E T I D R E M S G G D L E D G M L T I V R			
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UniRef90_G1NDY6 D I R H E F R K N F A K S L H Q M I Q Q K D T S G D Y R K A L L L C G
UniRef90_UPI0000D570F6 D I K R E Y Q A K Y G E S L A D A I K G D C S G D Y K K C L L A L I G
UniRef90_T1HHJ6 D I K A A F Q G K Y G R T L E E A I A S E T S G D Y K K A L L S L I
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UniRef90_H9G957 A V F S E Y Q R M C N R D I E K S I A R E M S G D L E S G M L A V V
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UniRef90_T1IXL1
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UniRef90_F2UJT2 E I K Q A F Q R K Y G K T M E S W I K S D T G G N Y R K I L L A L I G
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UniRef90_E0VHI3 D I K K A F E E T Y G K S L E R R L S G E T S G E L K R L L V S L V G
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UniRef90_K7GEG4	E	E D G S S L K G I L H F D P A P D A Q T V L	Y K A M K G L G T D E Q A I I N D I L		
UniRef90_D3TME1	T	P I P T V V P V S P F D A A D S Q T L R	R A A M K G F G T N E E E I I N I L		
UniRef90_H3BFB1		R G T I K D F P G F K A S D D V Q K L L	K A A M R G A G T D E N A I I A E I L		
UniRef90_E1FYF7	H	Q F F G T I K P Q I N F D P E A D V A E I L	H K A M K G I G C D K E E I I L H V L		
UniRef90_Q17A51	T	P K P T V L P A E E F D A S A D A A T L R	R A A M K G F G T D E Q A I I D V L		
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UniRef90_F1L2C7	Q	Q F F G T I R P Q A N F H A G E T A E N L K	K A M K G F G C D K Q K V S Q E L		
UniRef90_E3TDP7	E	P R F P T V V P A A V N F D P E K D A S W I	D T A T K T K G V D E A I I I D I L		
UniRef90_E9C3C5		T I V R Y V R S A P D Y F A E V L H E A M R	G I G T N D D T L Q R V I		
UniRef90_E9C3C5		T I V R Y V R S A P D Y F A E V L H E A M R	G I G T N D D T L Q R V I		
UniRef90_M7A164		R G T V R P A S D F N A D G D G K V L R K A	M K G L G T D E G A I I D V V		
UniRef90_F1L7E0	H	Q F G G T I R T Q Q R N F N P V I Q T A E N L	K E A M K G L G C D K H K V L E E I L		
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UniRef90_H2MCN1		Q P T V F P A E D F D V V A D I K A I R K A	C K G L G T D E Q A I I D V L		
UniRef90_A9RZ7F		T I T V P P Y I L S M S D D V H A L H R A	F R G F G C D E K R V I Q I L		
UniRef90_X1YFE5	Q	P K P T V V P A E E F D A S A D A N A L R	K A M K G F G T D E Q A I I D I L		
UniRef90_V9KHW8	H	P A V H Y H I H F S E D E D A K R I K K A	C K G A G T D E T A I I K I L		
UniRef90_G3PY72	K	R G T V T E A A G F N A E E D V Q K L R E A	M K G L G T N E E A I T E V L		
UniRef90_B4GV24	P	V P T V V I G A T P F D A A D A Q T L R A	A M K G L G T D E Q E I I D V L		
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UniRef90_B5X1G1					
UniRef90_C3XZV5		K Y G T L R E H Q P F D P H A D G Q T L R	N A M R G V G T D E K A I I D I M		
UniRef90_U6HF91		R P T L R P F T P F N P D K D A E E L R	Q A M K G I G T D E A K I I K V L		
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UniRef90_F6UFF0		G T V H P A E N F H A D N D G K A L R K A	M K G F G T D E G T I I D I I		
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UniRef90_M7AVM4					
UniRef90_W5KAB9		R G T I K D Y P G A D P L R D V E V L R K A	M K G F G T D E N A I I E L L		
UniRef90_V4A4D0		G T I V G N D D F D T A A L V E C L R N S	M K G F G T D E D Q I I A T I		
UniRef90_W1PTJ3		T V P P V P V S P N Q D A I E L H R A F K	G F G C N T G A V I N V L		
UniRef90_S9YFQ9	S	A Y G S V K A Y T N F D A E R D A L N I E	T A K T K G V D E V T I V N I L		
UniRef90_A0A059ADJ9		A S L V A P D H F S P T E D A A A L Q K A	C K G F G T N E K A I I E V L		
UniRef90_C5YL20		T V P P V P T W P R Q D A I D L H K A F R	G F G C D S T V I S I L		
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UniRef90_A0A026W1F1					
UniRef90_Q4S3X8					
UniRef90_UPI0003C11A7D		Q G T I F P F P N F N P V M D A E M L N G A	L Q G L G C D K D V L I D I L		
UniRef90_U6HFD5		A T V K P C C N F D A N T D A Q T L E K A	M K G L G T D E A T I I D V L		
UniRef90_V3Z2V8					
UniRef90_Q6P2X5	E	E S G P S L K A N P G F N A A D A A N L D	K A K A K G V D E G T I I D I L		
UniRef90_E9H189	E	F P T V H P I T L F D P L S D A K A L R	K A M K G F G T D E Q S I I N I L		
UniRef90_R7U6X3	Q	V Q G T V T A K D S F S A K T C E E V L R	K A M K G L G T D E K A I V S V M		
UniRef90_G3PZR4		G T M K D K A N F K V E E D V S A L R K A	T E G L G T T E K T L V E V L		
UniRef90_H2XPD2					
UniRef90_V7C7F0					
UniRef90_A9NNL2					
UniRef90_M5X1U2	A	T L V A P D H F S P N E D A E A L H K A	C K G W G T D E K A V I S I L		
UniRef90_S5G971	A	T L K P V H V P S P S E D A E A L R K A	F E G W G T N E Q L I I D I L		
UniRef90_D2D2Z9	A	T I D V P E Q V S V L A D A E A L R K A	C K G W G T D E K A I I S V L		
UniRef90_F1C6Z5					
UniRef90_M5XD26					
UniRef90_Q92128	Q	E D G N M V D Y E K I D Q D A R E L Y E A	V K R K G T D V T K W I T I M		
UniRef90_W9ROM4	A	T L V A P D H L S V V E D A E A L R K A	C K G W G T D E K A I I K V L		
UniRef90_V8P4Y1		V V A M L K T P A E F D A D E L R Y S M K	G L G T D E D I L V E I L		
UniRef90_V7BV92	A	T L V A P P N H S P V E D A E A L G K A	V K G W G A D E K A I I S I L		
UniRef90_UPI0000D57116	P	T V V P A D Y F D P Q D D A N I L R R A	L K S F G T D E K A I I N V L		
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UniRef90_W9SEI5					
UniRef90_HOXLG9	Q	G L V R P A A N F D A I R D A E I L L K A	M K G F G T D E Q A I V D V V		
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UniRef90_F6HA14	A	T L V A P E D F S P G E D A L A I N R A	C Q G W G T D E K A I I S I L		
UniRef90_U6H9S7	P	T L R P Y P N F N A N S D V E L L K K A	M D G M G T D E A M I I E I L		
UniRef90_V9L181	A	T V K P F S N F N D E N D A Q T L F K A	L N T K G V D E A T I I N V L		
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	50	60	70	80
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UniRef90_A0A016U0S9	C E R T N R Q R Q E I	A K A F K V M Y G E	D L I D D L K S E L S	G D F E D L I A
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UniRef90_M7AP63	T E R S N A Q R Q Q L	M A K E Y K A A S G	K D L K D D L K S D	L S G N L E R V I V
UniRef90_K7GEG4	T T R S N A Q R Q Q I	A R S F K E Q F G K	D L V D D L K S E L	S G G K F E R L I I
UniRef90_D3TME1	T T R S N A Q R Q R I	K S Y E A E F D R	D L V D D L K S E L	S G G K F E R L I I
UniRef90_H3BFB1	A N R S N S Q R R Q K	I K L E Y K S S V G	K D L V D D L K S E	L S G N F K K V I V
UniRef90_E1FYF7	T T I N N E Q R R Q E	V A L Q Y K S M Y G	K D L M D D L K S E	L S G N F E D V I V
UniRef90_Q17A51	C A R S N C Q R R Q E	V I S A K Y S E E L	G R D L L Q D D L K	S E L S G N L E N V V L
UniRef90_H2RYZ9	T R R S Y E Q R R D V	A F E Y E R F A K K	D L V T A L K G A L	S S G S L E T L M L
UniRef90_G1MRM3	G S R S N K Q R Q Q I	L S F K T A Y G K D	L I K D L K S E L	S G N F E K T L L
UniRef90_L9KT44	G N R S K Q H L R L V	F D E Y L K T T G K	P I E A S I R G E L	S S G D F E E L M L
UniRef90_I3K907	T T R S S A Q R R Q L	I C K A Y E K A T S	R T L V K D L K G	D T S G D F E E L L V
UniRef90_B5X865	T R R S Y S Q R R Q E	I A F E Y E K R T S	K K D M I T A L K G	A L S G S L E A V I L
UniRef90_W5L2L3	T Q R S N A Q R R Q L	I C K A Y E Q R T G	R T L V D D L K G	D T S G D F E D I L L
UniRef90_V5I963	T R R T N E Q R R Q I	A T R F K T M Y G K	D L I K E L K S E L	R G N F E D L I I
UniRef90_K7G1W1	T N R S N E Q R R Q D	I A F A Y Q R R T K	K D L S A S L K S A	L S G H L E T V I L
UniRef90_UPI000344176E				
UniRef90_C4WSW4	A R R S N T Q R R Q E	I K E A F K T L Y G	K D L I D D L K S E	L G G N F E N A I V
UniRef90_M3WET7	T E R T N A Q R R Q L	I V Q A Y Q A A Y G	K E L K D D L K G D	L K S G H F K E L M V
UniRef90_F1L2C7	T R I N N A Q R R Q T	V A A E Y A A K Y G	T R L M H D L K G E	L H S G D L E E V I L
UniRef90_E3TDP7	T K R T Y S Q R R E I	A F E Y E K K A K K	D L I T A L K G V L	S S G S L E N V V L
UniRef90_E9C3C5	I T R A E N D L N A I	R E S Y F A Q Y D E	S L E A A V E S E T	S S G D Y K R L L L
UniRef90_E9C3C5	I T R A E N D L N A I	R E S Y F A Q Y D E	S L E A A V E S E T	S S G D Y K R L L L
UniRef90_M7A164	T Q R S N A Q R R Q E	I L R T Y K S H F G	R D L M A D L K S E	L S G S L A K L I L
UniRef90_F1L7E0	T R I N N C A Q R R Q	L V A A E Y M A R Y	G S D L S H D D L	K K S E L R G D F E E V I L
UniRef90_S7P3P2	T T R T S R Q R M K E	I V S Q A Y Y T V Y	K S D L S G D I S	S S E T S G D F R K A I L
UniRef90_H2MCN1	A N R S W A Q R R Q E	I K H A Y F E K Y D	D E L V D V L K K E	L S G N F E K A I L
UniRef90_A9RZF7	A H R T Q P Q R R Q E	I A D A F Q R Q Y G	E S I H K R L K S E	L H G K L E K A V L
UniRef90_X1YFE5	C A R S N A Q R R Q E	I S E A F K R E L G	R D L I A D L K S E	L G G K F E D V I L
UniRef90_V9KHW8	A R R T M E Q R R Q K	I K E K Y L A L Y G	K E L E K V L K N E	L S G N F E K A V M
UniRef90_G3PY72	A R R T V A Q R R Q R	I K E A Y K Q S V	G K D L V A D D L	K S S E L S G N F R
UniRef90_B4GV24	A S R S N G Q R R Q L	I R S V Y D T E F	V E R D L V D D L	K S S E L S G G K F
UniRef90_F2UBS2	T S C N N E Q R R Q	V L K K Q F K T M Y	G R D L I D D L K S	E L G G N F E D A V I
UniRef90_UPI0003337A1				
UniRef90_E2C566				
UniRef90_B5X1G1				
UniRef90_C3XZV5	A H R S N D Q R Q K I	I L L Q Y K T M Y G	K D L I D D L K S E	L M G N C Q P T I V
UniRef90_U6HF91	A N R S A S Q R K A I	I A S R Y L A L Y G	K H L E K D L K S E	L K G N F E D V I L
UniRef90_UPI0002B4128B	A H R D A A Q R A L I	Q Q E Y R A L Y S E	E L T K R L K S E L	S G K L E D A I L
UniRef90_S9XI58	A Y R N T A Q R Q E I	R M A Y K T T I G	R E L L D D L K S E	L S G N F E Q V I L
UniRef90_UPI000333DE2A				
UniRef90_F6UFF0	T K R S N A Q R R Q E	I L K A F K S H F G	R D L M A D L K S E	M S G T L A K V I L
UniRef90_G5ATS2	A S R T K H Q L Q E I	L M K A Y E E D Y G	S S L E E D L K G S	D T S G N F E E L V L
UniRef90_M7AVM4				
UniRef90_W5KAB9	G N R S G K Q R A P L	V R A Y K T T Y G K	D L I S D D L K S E	L T G N F E E A L V L
UniRef90_V4A4D0	V G H T N A Q R R Q E	I L R E A F K A A Y	G K D L V D D L K S	E L R G D L E E V I T V
UniRef90_W1PTJ3	A H R D A M Q R A H I	Q H E Y R T M Y H	D E L S N R L A S E	L S G N L E K A I L
UniRef90_S9YFQ9	T N R S N E Q R R Q D	I A F A Y Q R R T K	K E L A S A L K S A	L S G H L E T V I L
UniRef90_A0A059ADJ9	G H R N A A Q R K Q I	R Q A Y E Q L V F	E E D L V K R L E S	E L T R D F E K A V Y
UniRef90_C5YL20	A H R D A A Q R A A I	A Q E Y R A V L F	N Q D L A R R L A S	E L S G N H K R A M L
UniRef90_A7RWX3	C S R S A E E L Q S I	K K A Y N T A H G	K D L V A A V K S E	T S G D F Q A L L V
UniRef90_A0A026W1F1	A S L S N Y G L K T I	S A V Y K D L Y D	K D L E D A I K G D	T S G H F K R L L V
UniRef90_Q4S3X8	A S R S N D Q R R Q I	K A A Y K K A Y G	K D L V S A I K S E	L G G L L E S L I V
UniRef90_UPI0003C11A7D	T Q R C N A Q R R Q M	I A E A Y R E V Y G	R D L V S D L K D N	L S D H F K E V M V
UniRef90_U6HFD5	A H R T S R Q R R Q E	I A D A Y K A Q F G	K D L K E R L H K S	E L S G K F R Q A V E
UniRef90_V3Z2V8	S N R S N S Q R R Q E	I E T T Y K T M Y G	K D L V E D L K S E	L S G N L K E T A V M
UniRef90_Q6P2X5	T K R T N C E R R Q Q	I R A A Y Q Q L T	G K S L D D A L K K	C L K S H L E E V V L
UniRef90_E9H189	C K R S N A Q R R Q E	I A E M Y H K E F	G R D L A A D L K S	E L S G D F E E L I V
UniRef90_R7U6X3	G H R T F A Q R R Q E	I L Q T Y K T F G	R K D L Q K E L K S	E S S G N F K N V L M
UniRef90_G3PZR4	T Q R S N A Q R R Q L	I A Q A Y E K A T	G R K L V A D L K G	D T H G D F E D V L V
UniRef90_H2XPD2				
UniRef90_V7C7F0	A H R N E E Q R S L I	Q Q E Y E T T F S E	L L S K R L S K E L	H G S V K K A I S
UniRef90_A9NNL2	G H R T A A Q R R A I	R Q A Y T Q L Y E	E D F L K R L Q S E	L T R E F E R A L F
UniRef90_M5X1U2	S H R N A A Q R Y E I	R L A Y E G L Y H	E D L I K R L E S E	L S G D F E K A V Y
UniRef90_S5G971	A H R N A A Q R N S I	R K V Y G E A Y G	E D L L K C L E K E	L T S G D F E R A V L
UniRef90_D2D2Z9	G H R N A V Q R K Q I	R L A Y E D L Y Q	E D L I K R L E S E	L S G D F E K A V Y
UniRef90_F1C6Z5	V A R S N A Q R R Q Q	I K T A Y K T L F	G K D L V D D L K S	E L T G K F E T L I V
UniRef90_M5XD26				
UniRef90_Q92128	T E R S H P H L Q K V	I F E R Y K S Y S P	Y D I E E R I K K E	V K G D L E N A F V
UniRef90_W9R0M4	G H R N A S Q R R K Q	I R E S Y E Q L F E	E E D L V K R L E S	E L S G D F E K A V Y
UniRef90_V8P4Y1	A S R N N K E R D L N	I Q Y Q E A F K R	D L A K D I V S D	T S G D F Q K A L L
UniRef90_V7BV92	G H R N G A Q R T Q I	R E A Y Q N L F Q E	D L I K R L E S E L	S G D L E R A M Y
UniRef90_UPI0000D57116	T K R S N A Q R R L E	I A D Q F K A L Y D	T D L I N S I Q R K	L G G N F A K T I T
UniRef90_F2UI00	S T H S F P M L R R I	F E H Y S K L C	D Y D I E K S I T	R E T S L D F K T I V
UniRef90_W9SEI5	A H R D A T Q R A L I	Q Q E Y R A M Y S	E D I L K R L E S E	L S G S L E T A I I
UniRef90_H0XLG9	A N R S N D Q R R Q K	I K A A F K T L Y G	K D S M K D L K S E	L S G N M E E L I L
UniRef90_F7HZM0	T S R S N R Q R R Q E	V C K A S Y K S L Y	G K D L I D N L K Y	E L T S G N F E R L I V
UniRef90_V7C5L5	A H R D A T Q R A Y I	Q Q E Y K T M Y S E	E L S K R L A S E L	S G N L E T A V L
UniRef90_W5KGM5				
UniRef90_V4SW23	G H R T A A Q R R Q I	R L A Y Q N L Y Q E	D L V K R L E S E L	S G A F E K A V Y
UniRef90_F6HA14	G H R N A A Q R R Q I	R L A Y Q E L Y L E	D L T K Q L K S E L	S G D L E R A I C
UniRef90_U6H9S7	G T R T S Q R R V E I	A E A Y K G S Y G	E D L R E K L Q G E	L S G D F G E L V D
UniRef90_V9L181	T N R T S Q R R Q S I	S R A F Y R L S G	Q D L E P L K K G L	S G H L E T V I I
UniRef90_G4MMH7	S N K D P L Q V D A I	R I A F H R M H	N R D L I K D I K S	E T S R Y F E D G L V
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UniRef90_H9JK49	T T R S N M Q R R Q A	I S Q A F T R E Y G	R D L I E D L K S E	L G G H F E D V I V
UniRef90_G5E2M7				
UniRef90_C6THM9	G H R T V Y Q R R Q Q	I R R V Y E E I Y Q	E D L V K R L E S E	I K G D F E K A V Y

UniRef90_U1NXZ1 G L M E T P T K Y 90 D V L Q L H K A V K G L 100 G T K E K L L I E I L C S R N N E E L 110 L C S R N N E E L 120
UniRef90_R7U294 G L C L S A A E F D A S Q L K K A M K G L G T D E D C L I E I L C T R T N E K L
UniRef90_A0A016U0S9 A L M E P A A T Y D A K Q L H N A M S G I G T K E L V L I E I M T S R T N N Q I
UniRef90_UPI0002BCCBCE
UniRef90_M7AP63 A L V T P P A V F D A K Q L K K S M K G S G T D E K A L I E I L A S R S S S K Q M
UniRef90_K7GE4 A L L Y P P S K Y D A K E L H H D A V K G L G T S E G V L I E I L L A S R T S K V Q L
UniRef90_D3TME1 G L M T P L V E Y L C Q H L H N A M A G M G T S E D D T L T E I L L C T R S N E E F M
UniRef90_H3BFB1 G L M M T A P E Y D A Y E L R E A M K G A G T D E G C L I E I L A S H S N E E T I
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UniRef90_Q17A51 G L M L P L N Y Q C H H L F K A M D G F G T N E R T L I E I V I L C C S S Q S S E E Q L
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UniRef90_B5X865 G L M K S T A Q Y D A S E L K G S I K G L G T D E E T L I E I M V C S S R S S A S D E L
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UniRef90_F1L2C7 A L M L S P A V Y D S R H L H K A M K G L G T D E Q A L I D V I T T R S N Q Q L
UniRef90_E3TDP7 G L L R N T A Q Y D A F E L R A S M K G L G T D E E S L I E M V L C S S R S N E E L
UniRef90_E9C3C5 K L V E T A L D G D Y M R D T E A L T M I Y Q E E Q L R G L N N G V L
UniRef90_E9C3C5 K L V E T A L D G D Y M R D T E A L T M I Y Q E E Q L R G L N N G V L
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UniRef90_F1L7E0 A L M L S P A V Y D A R Y L H K A I S G L G T N E N V L I D I L C T R S N Q Q L
UniRef90_S7P3P2 T L A D G R R K K D A Q I L Y N A E K K W G T D E D K F T E I L C T R S F P Q L
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UniRef90_B4GV24 A M M M P P V E Y L C K Q L H S A M A M G M T E E S T L V E I L C S T K S N E E M
UniRef90_F2UBS2 A F M M P P D E Y D A H C L R H A M K G A G T D E K V I A E V L T A M R S N D Q I
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UniRef90_UPI0002B4128B L W M Y D P A T R D A I L V K N A I Y G E T S T L R A A T E V I C S R T P S Q I
UniRef90_S9X158 G L M T P T V L Y D V E A L R R A M K G A G T D E G C L I E I L A S R L P E E L
UniRef90_UPI000333DE2A D V E A L H K A I T V K G V D E A T I E I L T K R N N A A Q R
UniRef90_F6UFF0 G L V M T P A Q F D A K Q L N K A M A G A G T D E K V L T E I L A T R T N A D I
UniRef90_G5ATS2 C L L Q G S R D Q D A Q D L Y T A G E N S G T D E M K F I T I L C T R S S A T H L
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UniRef90_W5KAB9 A M V K G P A E Y D A Y E L H S S I A G A G T D E A C L I E I L S S R S N A E I
UniRef90_V4A4D0 G L M T P P R V Y D A R Q L H Y A L S G A G T D E T I L I E I M A T R N S D E I
UniRef90_W1PTJ3 L W M H D P A G R D A T L R S A L S G A N I D L G A A T E I I C S R T S S S Q I
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UniRef90_Q6P2X5 G L L K T P A Q F D A H E L R G A I K G L G T D E D C L I E I L V S R T N C E I
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UniRef90_R7U6X3 G L C Q S P T E F M A D Q L R K A M K G A G T D E D C L I E I L C T L S N A E M
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UniRef90_V7C7F0 L W L H D P P V R D A K I V R K A L S T T V V D N Q A L T E T I L A S R T P S Q L
UniRef90_A9NNL2 L W S L D P P E R D A L L A H E S I K K W S P K N R S L I E I I S C A R S S S E L
UniRef90_M5X1U2 R W I L D P T D R Y A V L A H V I A L K K P E T S D N V I V E I S S T L S P E E L
UniRef90_S5G971 L F T L D P A E R D A H L A N E A T K K F T S S N W I L M E I A C S R S S H E L
UniRef90_D2D2Z9 R W I L D P A D R D A V L A N V A I K K L S P D H V I V E I S C T R S P E E L
UniRef90_F1C6Z5 S L M T P P L A Y D V T L L H K A L K G A G T N E K V L V E I L A S R T S Q Q V
UniRef90_M5XD26 P E P V P S P D N D C Q R L K A F E G L G T D E E A V I W I L G H R N Q S Q R
UniRef90_Q92128 Q C I Q N K P L Y F A D R L Y E S M K G K G T K D K I L I R I M V S R R N L D M
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UniRef90_UPI0000D57116 A L I T P L P Q F Y A K E L H D V L S G E V N D E T V L V E I V L C T L N A E I
UniRef90_F2UI00 K V V R D P E G F M A T E L Y N T M K G A G T R D R N L I R I I V M H A E D D L
UniRef90_W9SEI5 L W M H D P A T R D A L I V K R A L N P D I L N R E A A T E I I C S R T P S Q I
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UniRef90_A9RFK7 P T V L P E A E F N A M T D A Q T L R A A M K G F G T N E E A V I D I L

UniRef90_E9H191 P G S A V S P Y P T F N P S S D V A A L H N A I T V K G V D E A T I I D I L

UniRef90_G3T384 R G T V A D F P D F D A N G D A E A L Y N A M K G F G S D K E A I I D L V

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UniRef90_A9VD41 A T V P A V V P S P S D D C Q R L R K A F E G W G T D E K A I I W V L

UniRef90_A0A059BIN2 A T V P N Q N F N P L L A A N D L I A A F K G I G T N E A K V I Q V T

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UniRef90_G3JNQ8 T I V F P D H H S A A D A E A L R K A C Q G W G T D E K G I I Q V L

UniRef90_A0A022RD39 A T I V P T P L P S P A A D A E S L R N A V Q G W G T D E K A L V E I L

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UniRef90_Q9LX07 V P A T V P L P E E D A E Q L Y K A F K G W G T N E R M I S I L

UniRef90_B9GM28 V P E V V P S P T Q D C E K L R D A V Q G L G T D E K A I I W I L

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UniRef90_W9CR28 V P S S V P A V A E D A E Q L H K A F E G W G T N E K L I I S I L

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UniRef90_UPI0003504C17

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UniRef90_E2RQ29 A T R S A P H L Q E C L T V Y K Q N F G V E A E E D I K S E T S D L L Q E L L L

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UniRef90_G3Y336 L W A K G S P R E S Y C T D Y N L A E Q D G P G K E D P W V Q I F S Q R N P E H L

UniRef90_HOUWN6 L W T L D P A E R D A V L A N E T A K K W H P G N P V L V E I A C A R G S K Q L

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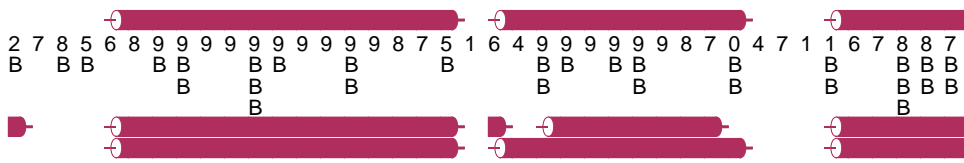
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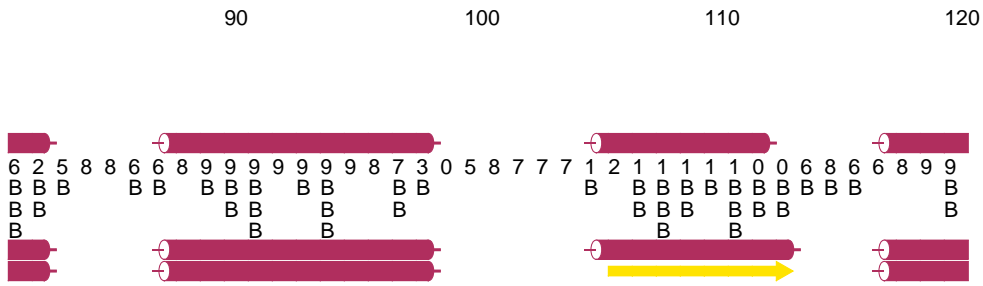
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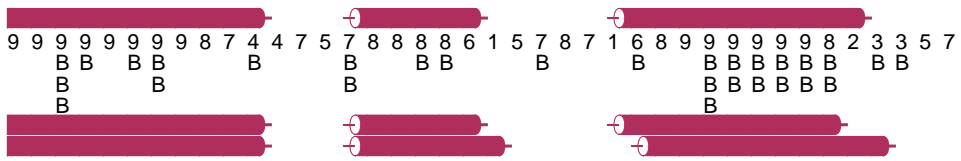
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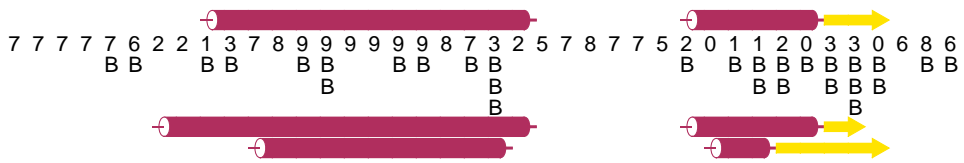
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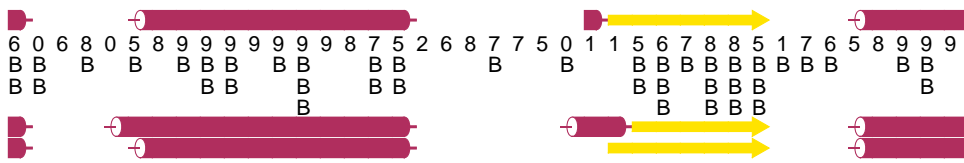
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