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50 60 70 80

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L D D G L Y M V L Q S S T A S P Y E L A F V I T S P F F F F F R D Y A F N D L E D D A T A
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D E E D T P F Y V L Q S S A T K K D L A F V I V N P F F D F F P D Y K V K I P P K S A T V
D E E N P F H W L Q S S V A N P D L A F V I V N P F F V Y P N Y D I L V I P P K S A T V
P N N D V F M L L Q A V Q D T Y L A F V I T N P F L T F K D Y E F K I D D S S T L
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S E D Q S P F A I L Q S S L D H H S T L A F V I A Y P F S F Y P D Y A F D L S T R E E D V I
S E D S P F V V L Q S S A E E T A E L A F I V A S P F V F F K D Y G F D L S T E T T V
D E E P F Y F L Q S S V E E G L A S F L V L N P L R F F P D Y E V E L S D A T V L
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E E A G S I H W L Q S S I Q E P G F A M P V I M D P L L V C P D Y N P E V S D D E L L
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P G N T V F A L Q S S I T T P E L A S F V V T D P F S F F L D Y E I K I P D Y E N P
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P D N N E F Q I L Q S S L E T P E L A G F V V A S P F V F R Q D Y D F T E I D T A T V
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D E Y T P F K W L Q S S L D D T D I A F V I I D P K V V V K D Y K V E I N E A I
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U U R 7 C U B 6 K E N S N I S W L Q S S V V E E P T L A L P V V V K P W I I K E R D Y E N P V V V S E D E L L
U U M 1 Z D T 8 K E G T P F L T L Q S S V V A H P E I A R F I V V V P Y L I Y R D Y E I V N L S E D E V T
U U H 7 E N T 8 A E Y R P F L I W M Q S S L N D R E N I A R F L I S D P F T V T D G Y E I L D V S D D K T L
U U G 7 M 9 X 4 Q G Y E P F F K L M Q S S L T E E E G L A F P I V N P F R V D T S Y D P V V V E D E L L
U U R 6 D P B 1 E E E P F F S W L Q S S T T E E Q S L A F P V V N P Q K V R E D Y D P V V V E D E L L
U U R 7 K 1 2 8 E E E P F F S W L Q S S T T E E Q S L A F P V V N P Q K V R E D Y D P V V V E D E L L
U U F 6 C L 1 3 A E E S P F F F L Q S S L Q D E N I G F L V N S P F A F F P N Y E I L D L P E E D A
U U U P I 0 0 0 4 7 D A 4 E 4 A E E N V F F S M L H S I L Q S S I E N I G L F V V S P F Y V M K D Y E I N L D D N T K
U U U P I 0 0 0 3 7 6 2 B A 9 D E T Y S Y L Q A A D Q P E V A F I V T D P F L H F Q D Y E F K L S D S D E L V
U U U P I 0 0 0 4 7 C 2 A C 8 R G E P N P F Y Q L Q S S V M D A P E L A F V M A D P F P F F P Q Y Q V T L S D S S T L
U U E 1 Q J F 8 Q Q D S P F F Q W L Q S S L D A D V A F V V V S P L L F D P Q Y N L H L G D S E M
U U G 4 H M D 3 E G N Q S P F F E F L Q S S I E D E N L T F I V T D P F A F F K E Y E F Q L D D H W I
U U Q 7 3 K 6 8 S G K E P F F F W V Q S S L E D D D G A L A F I V T D P F L F R P D Y E L D D D E L L
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U U E 1 R 4 H 7 A I Q Q P F Y W L Q S S L D V P E I A F V L I S P F I F R P D Y D P V L S S S D E Y
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U U I 5 A R T 6 E E D N T L L V L Q S S V D E A S I G F V V I N P Y A L D P D Y T P Y L T S E E L
U U G 9 Y T U 8 A G S D G M L C L Q S S A A T P S L A F I A M N P F S L H P S Y E Q L S S E E L
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U U E 6 T S 9 4 S N E S P F Y I L Q S S V N T Q G L A F V V M T P F Q F F P N Y E A K L S D S V I
U U U P I 0 0 0 4 7 C A 0 C C P D N P V F Q L Q S S I N T Q Q L A F V I V T A P Y Q F N S S Y E V E L S D K A I L
U U U P I 0 0 0 3 6 1 C 4 4 A P K D S P L W W L Q S S V E D G T L A F L L E T L Q V L Q D Y Q V P F T P Q D L
U U U P I 0 0 0 4 0 6 C A E 0 K D K G S I Q W L Q S S I D E P S F A M P V I D P L H V D E H Y D P S L I N D V L
U U S 3 V 0 H 5 E E S S V F K W L Q S S V D E V E L A F V V I P S L F K K E Y L P S L I N D V L
U U U P I 0 0 0 4 7 C 6 9 D 0 S E K E T I S W F Q S S L D E P G L A I P V I N P L I V K P D Y N P V V E D E L L
U U F 2 N S R 4 S E Y E P L M W L Q S S L Q Q K N L A F L L I D P F L I T D D Y E A E L D D D N E L
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U U U P I 0 0 0 3 B 5 3 8 E E G D S N G I K W L Q S S V Q E P N F A M P V I D P L T V C E E Y N P E V D D E L L
U U B 1 Q X A 3 E E Y E P F C L L Q S S L E D E N V G F I V V S P Y E F F E Q Y E I K L S D D T I
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E L L G I I D T Q E E D L M I L S V M S M K K D P F N A S T I N N L Q Q A P L I F I Q N T
U N I R E F 9 0 _ U P I 0 0 0 2 5 5 C 6 B 6
G F I S L I K R A E N D A V L Y V I V T S I P S A N D V K K D M T A N N L Q Q G P I V I V V I N T A A T S N
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H K L E V E D P T D I R F L S I V V I P Q Q D M Y K M T A N N L Q Q G P I V I V I N T A A T S N
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D N L K I I D S P E T E D V L N I F T T L V T V P A D G G G P V T A N N L Q Q G P I V I V I N T A A T S N
U N I R E F 9 0 _ H 7 E N T 8
K Q L G D F F E T E D D L A V F L L A T V P A D V S V K K T S V N N L K A P I V I V I N T A A T S N
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U N I R E F 9 0 _ B 1 Y L K 3
E E L E I K S E Q V L V R C I T I T L K E S I E E S T I N N L L A P I V I V I N T A A T S N
U N I R E F 9 0 _ W 7 Z 1 2 4
R N I G V K S P A D E A L L Y S I V T L A K E K K S L T A N N L Q Q A P I V I V I N T A A T S N
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K D L N L E G P A D E A L L Y S I V T L A K E K K S L T A N N L Q Q A P I V I V I N T A A T S N
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I S E G T K L Y F E D G I P G F P H L M F F H L Q Q Q
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V T L K K G I L G F E N L K E Y E L L D I
M E V K S S R L G I L Q V S E E D F V I E F V T P L P G F P Q H R T F V L V S L
L T F K K G L P G F E L L S F E L E N L
M I R F P E G L L G F A G Y K N F A L T I E E
I Q T R L G K Q R I L P S K V I Y F P R G I M G F E N Q H F E T L L K L
I Y S F P K G L P G F D Q L K E F L L Q
K V L D F P A G L P G F E E H C R R F A L V H E
I F F K D G L L G L E Y K T Y A L E M I
L F F E D G I P G F S H L Q F F Q L V I Q
D K I L T F P R G L V G L E T S R D F V L L Q M
L E F V G P I A G F P G H R S F V L T E I
S E E K S Y V F P K G I P G F E N H Q N F F L K R
M S I T E T K Y F G K I S F E P E S E L E F P R G L P G F D G R K R F L A V T F
L S F P D G V P G F P Q L S R F Q M T Q E
I L F E R G L P G F E E L K Y F T L S K P
Y E E A E I R E D G L E G F E S Y K C F L P L P I
I D L A N S I I G F E H L K Y F K L E G I
D K K I H F P K G L I G L E N Y H D F T F A T L
V T F K K A L P G F D N L K K F V I T E S
I F F E K G I P G L E K Y R K F E V S Q V
M K I E S P V F G S A E V S D D K V I E F P A G L P G F E H C K R F V L V H E
L F F E D G I P G F S H L Q F F Q L M Q
F E K G L P G F E S H K N F F E I N D I
G E Q M V L K N G S V V F E K G L P G F D G L K N F E L A A L
L K S T R F G D L D V T D D E T L E F P D G L V G L P G V R W A L L R R D
M K I E S Q L F G T V D V A E D K V I E F P A G L P G F E H C K R F A M V Q E
I V F D K G I P G F E E Y K I F T I S D V
T I T S R F G D V K Y E S M I F L S P K G I P G F E D M R W L L V I
M N S F Q T T R F G K I P V I D E P E K L L H H E G L P G F P H A Y Q F Y L L E T
M R L K T K Y F G E I E C R E E E K L H H F E G L F G F E E K E F F L L P F
S D L F T L P A G V Y G F E S C Q R Y A L V P
V I E L A R P M L G F P E K R T F A L V R L
M D I Y T A R F G K L E I V D E D V I L F A D G L I G F E S L V N W L L S D

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UniRef90_A0A017RVR5 E E D T N F K C I Q S V I E D E G N I T F L I A S P F F D V E S D Y E E K L S N E A E I V
UniRef90_G7V5X3 E D E D V I K W M I C L D D C G H I C L P V T S P E V V D P A Y S P H I P T E E N L
UniRef90_D6Z720 S S K S P F M W L Q S V I E D E G N I T F L I A S P F F D V E S D Y E E K L S N E A E I V
UniRef90_R5SII8 S K E T L F K W L Q S V I E D E G N I T F L I A S P F F D V E S D Y E E K L S N E A E I V
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UniRef90_UPI00037BBDB6 N E T F S L L S A V E E N P T V E T F L T V D P F D F L S D Y E F V L S D D E T M
UniRef90_J2HTY4 E K D T P F Y F L S S V L E E N P T V E T F L T V D P F D F L S D Y E F V L S D D E T M
UniRef90_EOQLD0 E E D F V E Y L Q S V K D D P D I A F A V M D P F V I K Q D Y T F D I P E M V I
UniRef90_UPI0003B5165A N D S S P F L L L Q S V L E D E P P G L G L L V A D P M A F L E D F G F R L D D G A E K
UniRef90_K0AX53 D S E N P F H K L Q S L D D E P P E L A F S F I L V N P F L F K E D Y E F V L S D D E T M
UniRef90_E6PCB8 D T Q P N F V W L Q S L D D D L N V A I P T A D P Y A L F D D Y A P R I P A Y A V I
UniRef90_Q67T86 P G G D V V K Q L V S T E D P P N V G E T L V F P F A F F P R Y S P D I P E E E L
UniRef90_Q1Q2S4 P D C P F F E W L V S V D N P L V A L V I N P V P L F T D Y D P L K K I D D D V
UniRef90_UPI00030208D3 D K D S P L A I F Q S I E E S Q I G F V V A Y P F A F K K D Y A F D I S E V D R
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UniRef90_UPI000475B79E Q P E S P F Y N L Q C Q A T Q P V A S F L L L N P F C F T Q D Y E F D L P E A A R
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UniRef90_UPI00046450D3 E D E N P I K W L Q S V K D D E D V S L P V V V L I E K N Y D F P A L S S D E D L
UniRef90_UPI0004720FCE E N E L F S L L S A V I D E P E V S F I T I N D P F H L R P D Y E F L S S D E V I
UniRef90_UPI0002D46F1D E H N E L F S I F S A V E E D G I S F I T I N P F D F V H D Y E F E L S N D E A L
UniRef90_UPI0003B5390B E E K A K L M W L Q S L D D D P E T A F P V M V P Q S T V I P D Y N P K V N S E I L
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UniRef90_UPI000476B1C8 E D D S P F I L L Q S N L E D D T S L G L L V V D P H Y Q F F T D Y N V K L E T A E K
UniRef90_E0RHP0 E H N E L F S L F S A V E Q P A T I F I T V N P F D F F K D Y E F E L S D D A L
UniRef90_T0DZT8 E G N S K L K L I N S V D D N E H I G F I A L S P F D I K K D Y E I K L S D D E T V
UniRef90_X0VZ55 K E N S P F F W Y Q S I D D P T L A F V I T S P F P F K P D Y E I D M D D V L K
UniRef90_U7DBH7 E D I S P F E W L L S V N N L E L R F A I L N P V F V Y P N Y E P E I S D A Y L
UniRef90_A9BF69 E D T Y P I M W L A S L E D K K V A F P V T F P Q L I R N Q S Y E F A L P Q D L T
UniRef90_F6B818 F E D N P F Y Y L Q S V E E A K I C F L I V N P F A L T R N Q S Y E F A L P Q D S V L
UniRef90_V6MAW2 E A N A P F Y Q M N S T E D E T I G F W L I D P F V F F P E Y Q F V L P E Y A K
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UniRef90_UPI00031FCF0F E K G S P F Y S L E S V E D P Q V G F W V V D P F A F F A D Y E F E L S E Q A K
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UniRef90_B7IFV8 K D T L P I L W L V S L E D N V S L P I I D P W I V D K N Y E I E I S N E D I
UniRef90_L0DPN4 P V V A G L S W L Q S V T A P D L A F G L V A P P L A V S D Y R I E L R P G D R
UniRef90_B0PA06 E S I G P F F A W L Q S V E E D A S V G C F L V N P S T V V G Q Y N P T E A V A
UniRef90_M8DFN6 E E E S P F F L I Q S A E E E V G F W V V N P F V F F P E Y E F S L T K A A K
UniRef90_C8WYY6 E E D E P L V C L Q S V D E G A F A F L L A D V G H F F P S Y T V R V A Q A E R
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UniRef90_K8E0N1 L A D S P F Y Y L Q A A P P E D I C L L I N P F E V E T T A Y E F I R V P E A V L
UniRef90_Q72EP7 R E G A P F L V L Q S L D D P G L G L L V A D P Y S F L T D Y Q I R V G D P E Q
UniRef90_V5X405 E H N E L F S L L S A V E E A T V T F I T V N P F D F V P D Y E F E L S S D A L
UniRef90_C6HWJ2 G E A Q V F Y W L Q S L D D P A L A F V V M D P A L L V P D Y M L V P E W D R
UniRef90_C9XJ06 E D N D S L K E F N S T E E E G I G F V V V S P F E I I N E Y E I V L N Q E T I
UniRef90_S9SQD5 E P D L P I E L L Q S A D R D S N L A F M V V D P F E F A S E Y E F D L S E E T K
UniRef90_C6WJS4 H E E G L P I E A L R S A D D P G L R F L V V P A F F P D Y A P V V G E E A L
UniRef90_T4VSI5 E N N E K F K I L K S K E E D I S F V T T S P F E I Y K D Y E I N L N D E T I
UniRef90_T0GGZ9 E E E S V F K W L Q S I D D E V E L A F V V P S P L F K K E Y L P A L T V D E E L
UniRef90_Q30WK3 R E D A P F L V L Q S I D D A R L G L L V A D P Y S F L S D Y Q I K V S D A E Q
UniRef90_UPI00046F7A6E E H N E V F S L L S A V D Q P E I S F I T V N P F D F I P D Y E F S L P D D T M
UniRef90_N6YAE1 E G H D P V F L L Q S L D D A E V A F S V T G P E R L G I N F E F E L D D D E L V
UniRef90_W6RWU6 E E N G V F Y L L Q S K E D R E L A F V V I N P F T L K E D Y E F E L D D K L V
UniRef90_UPI00037A6AE7 E E E S P F F L I Q S T E E K D V G F W V I N P F S F F R T Y E F S L S S G I K
UniRef90_T2G927 R D E S P F L L L Q S L E D P R V R G L L V A D P Y S F L G P E Y D V L G E A E Q
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UniRef90_Q02C79 P A S E P L V Y L Q S L E D P D L C F L T M P L L A V D P R Y R L T V A G E A D L
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UniRef90_F6DNQ7 L E E A P F Y S L N S T D K E D I S F L V I D P F Q F S Q T Y E F N L P D E S V K
UniRef90_C0C1L0 E D S D A V L N L S V I E D E S L S F V I M N P F M L M K D Y A P R L T E E I Y
UniRef90_E0IED0 N E E S P Y A M L N S D E D E G L G F V V V S P F D T Y P D Y E F R I N D E V L
UniRef90_I9M581 P E Q T Q F W L L Q S T E D K H F G L V V T N P F W F M P D Y D F E L T E S E T
UniRef90_N9Y3A2 E E Y K P F C F I L K S L E D K N I S F V I T S P F L V E E D Y E K L E D R I V
UniRef90_UPI00037B62C6 E E N E K F K L I S I E D S N I G F I A I S P F F E I K K D Y E L N S D D I I
UniRef90_A1K2N7 E G D T A V F L L Q S V D D A D V A F S I T G P E Q L G I N Y E F A L S D D E V
UniRef90_J2ZU48 E E E S P F F L I Q S T E E K E I G F W V V N P F A F F S D Y E F V L P D T S K
UniRef90_UPI0004024428 E E N Q K F K V L N S L D D K E V G F I A V S P F D I K K D Y E I K L D A D T I
UniRef90_F9VJU3 E Q V G F F N L S S E Q E N I S L L L I D P Y I Y F P N Y E I E I D D N T T
UniRef90_UPI00047B9863 G D D A P F A W L Q S L D D P S I A L P V T R P E T F F P G Y E F V L D D G D V
UniRef90_HOPWM8 E G Q A Q V F L L Q S A E D P A V V F S I T S P Q T L G V N D Y E F S L S D D E V
UniRef90_UPI000479BE23 E E N S K Y K M V N C K E N I N I G F I A I S P F E L D K E Y E V N L K D E T I
UniRef90_D2Z962 E D D S T V K H L Q N L E D G G L A L P V A V P Q Q L F S D Y S V K I P R E F L
UniRef90_J9ZDJ3 A E P N V F Y W L Q S L D D P A L A F V V M D P E N L V S G Y R E K V L
UniRef90_V2ZM91 E G E S L L C F Q S A V T P G L A F V A L N P F S L K P D Y A P V L T D R E L
UniRef90_W0RBM5 S G R E K L W L Q S A D R P E L V J F L V A D P F H F F P G Y A A D V P A E L
UniRef90_A1SER1 D E A G D L C R L T S V E P E L S F L V V P P G R F F P D Y A P A V D D D V L
UniRef90_A3ZKY4 E Q S E D L G W L Q S L E Q P E V A L A V V S P R R Y A P D Y R V R L E K E E V

	90	100	110	120
UniRef90_C6D590	Q E L I	K L D D E K	D V E V W S V V T L	N S D I N Q
UniRef90_R6FRW2	E E L E	E L T Q S	V V V V R A I V V T	L R E N L E
UniRef90_W4EJD1	K E L E	E L T Q S	V V V V R A I V V T	L R E N L E
UniRef90_A0A017RVR5	K E L E	E L T Q S	V V V V R A I V V T	L R E N L E
UniRef90_G7V5X3	K R L R	R L S S L D	E G V L M V V L N L	P R D K P W M T
UniRef90_D6Z720	R E A L	K I G D P E	N S K L L E L L L I L	S A I P P Q D D P P E
UniRef90_R5SII8	R E A L	K I G D P E	N S K L L E L L L I L	S A I P P Q D D P P E
UniRef90_V9H489	K N L N	L T E D S E	D V M L Y S I V T L	N S K A E E T A N L
UniRef90_UPI00047E4FF1	E Q L G	T T R S D P	A D L V L L V V T A	A G S V A Q E A T A N L
UniRef90_A0A024PKY4	E Q L G	T T R S D P	A D L V L L V V T A	A G S V A Q E A T A N L
UniRef90_E6VS92	K A L K	I N N N K Q	L A I L V T V T V L	P Q S N P F E Q T T L N L
UniRef90_UPI00037BBDB6	E Q D L	R V L H Q D	D T A L M V V R C I	V T W H S D R K K E T T L N L
UniRef90_J2HTY4	K T L D	I K S S D E	V V I K T V V V I P	E D I T K L R T N L L Q
UniRef90_E0QLD0	K T L G	I T G D D E	L A V L L T V V S I	P N E D P E K T T L N L
UniRef90_UPI0003B5165A	E R L E	I R T G D K	S D L L V Y S I V V V V	P E D Y T K M T A N L
UniRef90_K0AX53	A S L A	I A D A P T	D F A T L C V V V V	S A N A F E E M S M N L
UniRef90_E6PCB8	V A V G	A E A E K V	L L Y A I A S V I G	P E D F S R K A T A N L
UniRef90_Q67T86	S A L E	A E G N K E	K V V E L F C I V N I	G D D A S N V T I N L K
UniRef90_Q1Q2S4	K A L D	I S K E E E	D V I A Y S I V T L	K E P F F E S T L N L L
UniRef90_UPI00030208D3	K A L D	I S K E E E	D V I A Y S I V T L	K E P F F E S T L N L L
UniRef90_G9X9T9	K E L D	I S K E E E	D V I A Y S I V T L	K E P F F E S T L N L L
UniRef90_K1YP83	E R L Q	I E D M S D	V A V F N I V L N P	R G G V T S A T V N L L
UniRef90_UPI000475B79E	E Q L N	I E S R E D	V A V Y V I V T V A	D P F H E T T A N L Q
UniRef90_S7SRP5	K A A S	W R R D D D	I A S Y L A V L T I	A D H R P D H Q M T V N
UniRef90_C0QA33	E E L L	I K D E N E	I A V R S I V T W G	S D T E V T A N L M A
UniRef90_UPI0004705ADB	E E L L	I K D E N E	I A V R S I V T W G	S D T E V T A N L M A
UniRef90_UPI00046450D3	E Q L E	G G D A H K	L T V M V V V T V P	P A A P R W K M T A N L
UniRef90_UPI0004720FC5	A D I E	V T V R E Q	I A V R C I V T W H	S N R D K I T V N L L A
UniRef90_UPI0002D46F1D	A P L G	E L T A E N	T Y I L V T V T V P	S E I E E D L S I N L K
UniRef90_UPI0003B5390B	G L L H	L S E E T P	V L S L N I V R I P	P S P E A K E M L I N L
UniRef90_Q3ADG3	E D L K	I D K L D D	I I V Y T L V V V S	Q D T R G E Y I T T N L
UniRef90_UPI00035EF5EB	A A M G	T K D P S Q	L V L V L V T A G A	D P P R E D S T A N L M
UniRef90_A0A010ZUV7	K I L Q	I T E N A R	Q V A V M V T V T I	P H D T P P E E T T L N
UniRef90_UPI000476B1C8	E D I G	I T S Q E Q	I A V R C I C I T W	N S D D Q S E K T T V N
UniRef90_E0RHP0	K F L K	I E S P E D	V L M L N I V T L G	K K T L E K K S T V N
UniRef90_T0DZT8	E M S W	N E G R E D	L E L Y V I V N I P	K G P D E K M T A N L
UniRef90_X0VZ55	R D L G	V T S P E D	V L Y V I V T I N D	D M K K T T A N L S G
UniRef90_U7DBH7	E Y L E	E L E K P S	D A I I L S I N L T I	P E K E D E S A T V N
UniRef90_A9BF69	E S L E	I E K S P S	D I V V F N I V N V R	G D L A Q A S A T V N
UniRef90_F6B818	A S L R	L E D Q N D	P V A V L N I V T L	R R E E A G S Q T T A N
UniRef90_V6MAW2	S L L G	L P P A S E	D L C I L T V L S M	R S P L S E G S P T A N
UniRef90_Q02C76	E L L G	N P P P E D	L C F L V I A V I R	S P L S Q S V V V N L K
UniRef90_J0N072	A S L H	I S Q E E T	P V V V L N I V T I	P R D N P N S Q Q I T V
UniRef90_UPI00031FCF0F	Q T L N	I T S E E Q	I V V R V I V T A R	S D P S E T T T L N L R
UniRef90_K4ZGM1	K E L E	I E D E K K	Q V A V W A L T I P	S G P S E T T T V N L R
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UniRef90_S9SQD5	D Q L G	T R E A D N	L L P L L V V T V G	G D K A A G A T A N L
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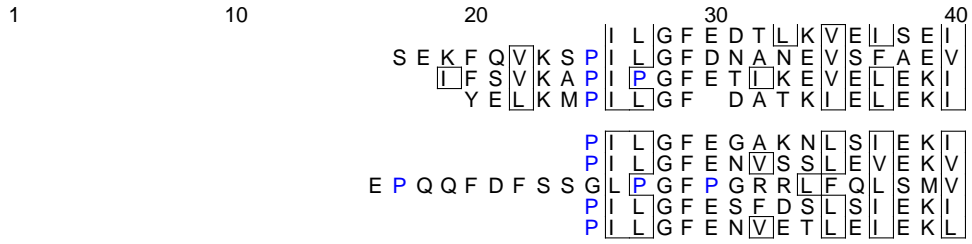
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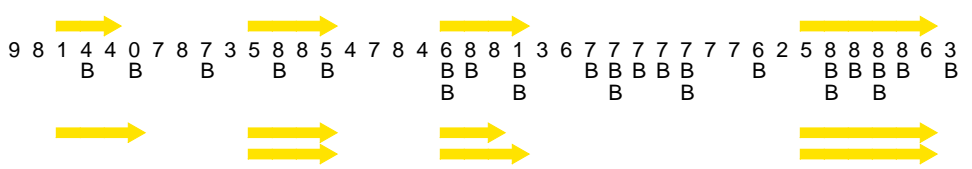
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