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UniRef90_B4WCM9 TDEQIMENTIEKVRRLR EEFVVFAEFGTTRRRRFF
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QUERY	50	60	70	80
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UniRef90_S6GUV8	S S Y R V V Q Q E A V V S E R L L K R E D F F P P G F V V G G T S N N V H L A R T K L D D L V K K P L M G G T T Q A			
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UniRef90_C6X212	S Y Q V H D V M D A L I Q N N S K F I G G T S N N V H F A M K Y G V K P I G G T T Q A			
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UniRef90_L0KWS9	S S R L Q D K V E V L Y C G L P C F T G G T S N N V Y L A R K Y G I S P V I G G T T Q A			
UniRef90_R9CQM1	S Y K V H R L V M Q A L T T V K D S F T G G T S N N V H M A M L Y N V K P I G G T T Q A			
UniRef90_I3C5V2	S Y R T H R E V V H T L S S Y K G S F I G G T S N N V H M A M L Y N V K P I G G T T Q A			
UniRef90_B4WCM9	G F L W Q R W C I Q A L K E G L G Q F I G G T S N N V L H A M E N D L E A I I G G T T Q A			
UniRef90_UPI000375744F	S Y H V H D I V M R T L K K S K K Y N F S G G T S N N V L H A M E N D L E A I I G G T T Q A			
UniRef90_W9DUQ6	S F K L H D I A V G V L H Q C R A F S G G T S N N V F L A K K Y G V R P I G G T T Q A			
UniRef90_H7EIF3	S A R A Q E L A V S M L R D N D S R F A G G T S N N V E L A R K Y G V T P I G G T T Q A			
UniRef90_Q8PSJ3	S F E L H D Q V M R S L V R I K T I T G G T S N N V Y F A K K Y G V K P I G G T T Q A			
UniRef90_Q2IWW5	G Y L W Q R W C C E A L Q E G I G A F I G G T S N N V H V A M E I G S E A I I G G T T Q A			
UniRef90_UPI00036AEA6A	E A D A A I W G A R A Y L A G F H G G T S N N V L A G A K F G I P A K M G T T Q A			
UniRef90_U2CDP9	S A D V I Q E A V I R Y L K E E A R Y C T G G T S N N C H F A M K Y D M K M G T T Q A			
UniRef90_UPI0003686A62	S Y E V H D T V M K E L T N H R G S F V G G T S N N V H F A H Q Y G V K P I G G T T Q A			

QUERY UniRef90_R8APB3 UniRef90_X1WPD8 UniRef90_C5BD56 UniRef90_Q9HW26 UniRef90_A4VP62 UniRef90_S6GUV8 UniRef90_UPI00032970F0 UniRef90_M4XC17 UniRef90_UPI0004798BB3 UniRef90_UPI0003698B24 UniRef90_F3LVM6 UniRef90_UPI00047E530E UniRef90_UPI0002ED397F UniRef90_UPI000479CB30 UniRef90_UPI00037E57AB UniRef90_G7UW90 UniRef90_J2UD35 UniRef90_D0YXR8 UniRef90_D8IQN1 UniRef90_S3PSS6 UniRef90_A0A022GWC1 UniRef90_X2H8J1 UniRef90_F4GMG3 UniRef90_UPI00047C674B UniRef90_B8D9E6 UniRef90_L0WJJ3 UniRef90_UPI0003FD1492 UniRef90_UPI0004637B1A UniRef90_UPI00022CADA2 UniRef90_Q7NSK2 UniRef90_X2H2R1 UniRef90_E8UC89 UniRef90_UPI00036C3760 UniRef90_UPI00037E68FE UniRef90_UPI000395651C UniRef90_L0B5T6 UniRef90_R5E5F9 UniRef90_W6L9F8 UniRef90_A1SVJ9 UniRef90_UPI00037C136E UniRef90_B6ATS0 UniRef90_W8X4K8 UniRef90_S9VIV1 UniRef90_UPI000465538D UniRef90_H3KIB4 UniRef90_UPI000370A639 UniRef90_F2K7A6 UniRef90_UPI0004174430 UniRef90_X1HBU5 UniRef90_I5AU00 UniRef90_E0RVM2 UniRef90_B8K646 UniRef90_UPI000464EEBB UniRef90_S9W7J1 UniRef90_U4V9H0 UniRef90_A3X6N3 UniRef90_G0UXT5 UniRef90_R6KD67 UniRef90_H2IJM2 UniRef90_UPI00036E48C0 UniRef90_UPI000401ADD8 UniRef90_Q2PYC4 UniRef90_UPI0003613923 UniRef90_C4Z951 UniRef90_D4G808 UniRef90_I9KVR4 UniRef90_D8IEX1 UniRef90_E3BNG4 UniRef90_R7B217 UniRef90_UPI0002F629FB UniRef90_UPI00047CDD17 UniRef90_M7NXP7 UniRef90_V4RRU1 UniRef90_K7ATF1 UniRef90_B7RMQ0 UniRef90_UPI0003753766 UniRef90_Q89SS3 UniRef90_C6X212 UniRef90_UPI000371D368 UniRef90_L0KWS9 UniRef90_R9CQM1 UniRef90_I3C5V2 UniRef90_B4WCM9 UniRef90_UPI000375744F UniRef90_W9DUQ6 UniRef90_H7EIF3 UniRef90_Q8PSJ3 UniRef90_Q2IWW5 UniRef90_UPI00036AEA6A UniRef90_U2CDP9 UniRef90_UPI0003686A62

H E W F Q A H Q Q Q L S P T L A N S Q R V A L Q V W L D E Y P N Q L G I A L L T D D C C C
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H E W F Q A H Q Q Q I C P V V L A N S Q R R A A L D Q S W L D E Y P D D D Q L G I A L L T D D C C C C
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H E Y L Q A Y Q S F G F R L R D F Q K A A L E G W V Q E Y R R G D L G T A L L T D D V V V V
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H E F L Q A F Q Q L N G V R L R D F Q K A A L E S W V H E Y R R G D L G I A L L T D D V V V V
H E Y L Q A C Q A L L G P R R L R D S Q I F A F E R W A R E Y R R G D L G I A L L T D D V V V V
H E W L Q T A F Q A L L G P R L R D S Q G A A L E A W A R E Y R R G D L G I A L L T D D V V V V
H E Y L Q T Y Q A L L G S M T R D F Q R A A L E D W V Q E Y R R G D L G I A L L T D D V V V V
H E W F Q Q H Q Q L S G E L A D S Q Q Q L A L N R W L Q E Y P D S L G I A L L T D D V V V V C
H E Y L Q A C Q A L L G P R R L R D S Q T F A F E M W A R E Y R R G D L G I A L L T D D V V V V
H E F L Q A F Q A L D V R L R D F Q K A A L E T W V Q E Y R R G D L G I A L L T D D V V V V
H E Y L Q A C Q A L L G P R R L R D S Q V F A L E V W A K E Y R R G D L G I A L L T D D V V V V
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H E W I M C A G S Q G N H K H A Y S N W Y A L D A W V K E Y G I L N G T A L L T D D T C
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H E W L Q T H Q Q L N Y R L V D S Q K A A L E N W V R E Y R R G D L G I A L L T D D V V V V
H E W F Q A F Q Q L S P S L R L S Q T H A L Q M W L R E Y P T C L G I A L L T D D C C C
H E L P M V Y S A L A E S D A D A P Y Q V L A D W H E E H D G N L R I I L P D D T C
H E W F Q A H Q Q L L R D S Q R L A L T Q W L V E Y P Q D L H I A L L T D D C C C
H E W L M C T G Q G N H K H A Y S N W Y A L D A W V R E Y G I L N G I A L L T D A C
H E W F M G H Q A L V N V R D S Q K L A L Q R W Q E M F N G A L G I A L L T D D T C
H E Y L Q A C Q A L L G P R L R D A Q T F A F E R W A H E Y R R G D L G I A L L T D D T C
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H E W I M C V G Q G N H K H A Y S N W Y A L D A W V R E Y G V L N G I A L L T D D A C
H E L P M V L A A L T N S D E E L R R S P Y Q V W Q R Y Y G G N L L I V L P D D T C
H E W L M C V G Q G N H K H A Y S N W Y A L D Y W V K E Y G I L N G T A L L T D D A C
H E W F M F H A A E Y G F K M A N I L G L H W V E V Y R R G D L G I A L L T D D T C
H E L P M V L A A L A D D D A S A P Y R V L E D W Q A H Y D G N L R I I L P D D A C
H E L P M V Y S A L A E D D A E A P Y K V L A N W Q D E Y D G N L R V I L P D D T C
H E L P M V Y A A L A E D D A Q A P Y D V L Q D W Q D E H E G N L R I I L P D D T C
H E W F M F H G A R F G F K M A N S L A L L E H W V D V Y R R G D L G I A L L T D D T C
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H E L S M V Y A A L A G M V A A S R Y A V L D D W R H L Y D G N L L V I L P D D T C
H S W V Q S F G N E Q E R Y A A A L P D G V T L L V D T F D T L G S G V S P H A
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QUERY UniRef90_R8APB3 UniRef90_X1WPD8 UniRef90_C5B56 UniRef90_Q9HW26 UniRef90_A4VP62 UniRef90_S6GUV8 UniRef90_UPI00032970F0 UniRef90_M4XC17 UniRef90_UPI0004798BB3 UniRef90_UPI0003698B24 UniRef90_F3LVM6 UniRef90_UPI00047E530E UniRef90_UPI0002ED397F UniRef90_UPI000479CB30 UniRef90_UPI00037E57AB UniRef90_G7UW90 UniRef90_J2UD35 UniRef90_D0YXR8 UniRef90_D8IQN1 UniRef90_S3PSS6 UniRef90_A0A022GWC1 UniRef90_X2H8J1 UniRef90_F4GMG3 UniRef90_UPI00047C674B UniRef90_B8D9E6 UniRef90_L0WJJ3 UniRef90_UPI0003FD1492 UniRef90_UPI0004637B1A UniRef90_UPI00022CADA2 UniRef90_Q7NSK2 UniRef90_X2H2R1 UniRef90_E8UC89 UniRef90_UPI00036C3760 UniRef90_UPI00037E68FE UniRef90_UPI000395651C UniRef90_L0B5T6 UniRef90_R5E5F9 UniRef90_W6L9F8 UniRef90_A1SVJ9 UniRef90_UPI00037C136E UniRef90_B6ATS0 UniRef90_W8X4K8 UniRef90_S9VIV1 UniRef90_UPI000465538D UniRef90_H3KIB4 UniRef90_UPI000370A639 UniRef90_F2K7A6 UniRef90_UPI0004174430 UniRef90_X1HBU5 UniRef90_I5AU00 UniRef90_E0RVM2 UniRef90_B8K646 UniRef90_UPI000464EEBB UniRef90_S9W7J1 UniRef90_U4V9H0 UniRef90_A3X6N3 UniRef90_G0UXT5 UniRef90_R6KD67 UniRef90_H2IJM2 UniRef90_UPI00036E48C0 UniRef90_UPI000401ADD8 UniRef90_Q2PYC4 UniRef90_UPI0003613923 UniRef90_C4Z951 UniRef90_D4G808 UniRef90_I9KVR4 UniRef90_D8IEX1 UniRef90_E3BNG4 UniRef90_R7B217 UniRef90_UPI0002F629FB UniRef90_UPI00047CDD17 UniRef90_M7NXP7 UniRef90_V4RRU1 UniRef90_K7ATF1 UniRef90_B7RMQ0 UniRef90_UPI0003753766 UniRef90_Q89SS3 UniRef90_C6X212 UniRef90_UPI000371D368 UniRef90_L0KWS9 UniRef90_R9CQM1 UniRef90_I3C5V2 UniRef90_B4WCM9 UniRef90_UPI000375744F UniRef90_W9DUQ6 UniRef90_H7EIF3 UniRef90_Q8PSJ3 UniRef90_Q2IWW5 UniRef90_UPI00036AEA6A UniRef90_U2CDP9 UniRef90_UPI0003686A62

130 140 150 160

T M D A F L R D F D L R F F A N R Y Q G L R H H D S G D P I E W G E K A I I A H Y E Q
I T M D A F L R D F D L R F F A N R Y Q G L R H H D S G D P I E W G E K A I I A H Y E Q
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I T M E A F L A D F D L Y F A K L F D G L R H H D S G D P F A W A E K A I I R H Y E Q
V G I E A F L R D F D L Y F A K L F D G L R H H D S G D P F A W G E K A I I A H Y E Q
V G M D A F L N D F D L Y F A K L F D G L R H H D S G D P T E W G E K A I I A H Y K
V G M D A F L A D F D L Y F A K L F D G L R H H D S G D P Y V W G E K A I I A H Y A
Y G L N A F L R D F D M Y F C K L F D G T R H H D S G D P F A W G E K A I I A H Y R
V G M D A F L A D F D L Y F A K L F D G L R H H D S G D P V A W G E K A I I A H Y A
V G M D A F L R D F D L Y F A K L F D G L R H H D S G D P Y A W G D K A Y A H Y L
V G L D A F L R D F D L Y F C K L F D G A R H H D S G D P F E W G E R M L A H Y Q
V G I D A F L R D Y D M Y F C K L F D G M R H H D S G D P F V W G E R M L A H L A
V G M D A F L A D F D L Y F A K L F D G L R H H D S G D P F V W G E K A I I A H Y A
I N M D A F L R D F D L R L S E R F D G L R H H D S G D P I S W G E K A I I A H Y Q
Y G M D A F L R D Y D M Y F C K L F D G A R H H D S G D P F E W G E R L I Q H Y R
V G M D A F L R D F D L Y F A K L F D G L R H H D S G D P Y E W G D K A Y A H Y A
Y G F D A F L R D F D L Y F C K L F D G V R H H D S G D P F A W G E R M L A H Y A
V G M D A F L C D F D L Y F A K L F D G L R H H D S G D P Y T W G E K A Y A H Y Q
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I N L E A F K R D F G L K F C K L F D G V R H H D S G D P Y R W A D E L I R H Y F K
I T M D A F L D D F N L H F A S F Y Q G I R H H D S G D P V K W G E K A I I K H Y E
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Y G M T S F L K D F D M Y F C K L F D G A R H H D S G D P F E W G E R L L K H Y E
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E L D A A I W G T R A A Y I I G G A G A T S N V R A G K L F G I P I S G T H A
E F D A A I W G T R A A Y I I G G L E A T S N L R A G K L F G I P V S G T H A
E M D A A V W G T R A A F I I G G L E A T S N V R A G K R F G I P V A G T H A
E M D A A L W G S R A S Y I I G G F D A T S N V R A S K K F G I P V A G T H A
E F D A A L W G A R A T Y I I G G C I G T S N T R A A K V I F G I P A S G T H A
E A D A A L W G T R A A Y L A G F D A T S N M L A G K M F G I P T K G T H A
S F L W Q E F A V E A M H A E L G K F S G T S N T F L A Y K H D L E A I G T N A
S F E T H D I V M E N L L Y S G S A R L S F G T S N V H L A L K K Y G V S P M G T I A
S Y E M E D R V T A L L K E Y S G S L F G T S N V Y L A M K H G L K V S G T H P
E K D A A V W G T R A A Y I I G G F D A T S N T Y A S Q R F G I P S S G T H A
E M D A A L W G T R A A Y I I G G F N A T S N V R A G K L F G I P I S G T H A
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D V H T Q D L V M Q G L V N G A G A F S G T S N V Y F A R K Y N V K P I G T V A
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S Y A V H D L V I K T L K A H P S K F I G T S N V H L A M K Y K T K P I G T H A
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UniRef90_UPI00036A4D47 Y T T D V F F E Q F D K K F A K L F D G V R H D S S G D P V A Y A E K V I A H Y Q
UniRef90_UPI0003739050 F T T N N F L K A F T R D R A G R F S G V R H D S S G D P E I F T R D I I S H Y K
UniRef90_C7NBX0 I T T D L F L R D F D R S M V N N Y T G V R H D S S G D P Y I W A E K I L N H Y K
UniRef90_I7JBG0 I K V A Q E F G D Q I N F Q G V R L D S S G D M A Y L S K I R K M L D
UniRef90_R6Z886 Y T S A I F L S N L S R K Q A K L F D G V R C D S S G D E F R F I D Q L T A R Y K
UniRef90_UPI0004729C38 Y T T D V F L S N F S K K H A L L Y T S L R H D S S G D P F Q F V E K A I A R Y K
UniRef90_A8MK65 I T V F N E L K E Q G Y E P K G I R L D S S G D I A Y L S K E A R K M L D
UniRef90_F9ZAD7 Y T T D N F S S F D T Q Y A K L F D G L R W D S S G D P Y V F T E K A L K H Y R
UniRef90_I1BIS8 F T T D V F L Q D F Q Y D L A S V Y N G V R H D S S G D P A E F A T R M V E H Y K
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UniRef90_UPI00046247F0 F S T E A F Y A D F D S H F A Q H W T G L R Q D S S G D P F A Y A P R A K E V Y E
UniRef90_K1LVL0 I R V A D E M G D R I N F I G V R I D S S G D T Y Q S K H I R E M L D
UniRef90_E4KNM7 I Q V A K E M G D K I N F I G V R I D S S G D M A Y Q S K R I R E Q L D
UniRef90_T0UCV2 I R V A K E L G D Q I A N F L G V R I D S S G D M A Y I S K K V R E Q L D
UniRef90_H3RQT2 I K V A D E F G D A I N F Q G V R I D S S G D M A Y L S K K V R Q M L D
UniRef90_W3AFB8 I R V A K E L G D K I N F Q G I R L D S S G D I A F L S K E A R K M L D
UniRef90_K8ZAQ8 I A I A D K Y G D K I N F K G V R L D S S G D M A Y I S K E V R K Q L D
UniRef90_A0A011RPE6 I K V A R E M G N K I N F V G I R L D S S G D L A Y L S K R V R Q M L D
UniRef90_L5MSC0 I S V G K K L E Q E G K K L T A V R L D S S G D L A Y L S T K T R E M L D
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UniRef90_S7RW86 F S T E A F Y K D F D P A R A R R W K A L R Q D S S G D P Y V Y A P R A K E I Y E
UniRef90_T1DSA6 Y T T D V F L R N F S K K H A M L Y T S L R H D S S G D P L L F I D K V I Y R Y Q
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UniRef90_U2QLH9 I A V A N E L K D E I N F L G I R L D S S G D I A Y L S K Q E A R K I L D
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UniRef90_S9T0T8 I Q I G M E L E A K E K K G K K L Q A L R L D S S G D I A Y L S I K V A R K L D
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UniRef90_I7KOG5 I K V A R E M G D K I N F L G V R I D S S G D M A Y I S K Q V R K E L D
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UniRef90_W0BEG2 I K I L G K E L E A K G H R L R L G I R L D S S G D L A L L A K Q S R Q L L D
UniRef90_B9WJW2 F G T D N Y L T M F V A P Y V N E Y A G V R Q D S S G D P E L Y A E K I A G H Y E
UniRef90_A3XR25 I T V A K E M E A R G Q K L L A I R L D S S G D L A Y L A K R I M L D
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UniRef90_UPI000468227D F T T D V F L R D F D K K Y A K L F D G V R H D S S G D P V V F A K I A N H Y R
UniRef90_H2AZC2 F G T D N Y L K S F V A P Y S D Y Y G V R Q D S S G D P V E Y T K K I A H Y D
UniRef90_UPI00035F7614 I T I A Q E L K D Q G F A L Q A I R L D S S G D L A Y L S K K A R K Q L D
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UniRef90_Q75BW1 F G T D T F L P M F R P D Y S D V Y D G V R Q D S S G D P A V F T E K V A H Y N
UniRef90_S2KCG0 F T T P I F L K D F D H D L A S K Y T G V R Q D S S G S A S D F I N T M V A H Y K
UniRef90_R9ARH2 F T T E A F W R E D H P Q K A S K W L G I R Q D S S G D P V K F C K A N A V Y Q
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UniRef90_F9PQF2 I K T F D E I L K P M G I R P K G I R L D S S G D L A Y L S K Q A R K M L D
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UniRef90_R8VUA5 I R V A N E V L A K Q K G Y K P L G I R L D S S G D I A Y L S K E A R K M L D
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UniRef90_J6H1F3	E L R V D P T T K Y I	I F S D G L D D F P E R A I E I	A N Y C C K G R I G A C S F G I G G	
UniRef90_J2IT39	K M G I D P K S K S I	V F S D S L D N F D K V K T E I	A D F C C K D K I R M S F G I G G	
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UniRef90_UPI0003602BBA	D A G L P Y V Q	V A S N D L D D E N T I V E L	K A Q G G A R I D M W G I G G	
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UniRef90_UPI00035FBA77	H Y G I D P R S K T	I F S D A L D D P H K V E K I	A R F C E G R I G M S F G I G G	
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UniRef90_UPI00036A4D47	K L G I N P A Y K F I	I F S D G L D N T E K V A G I	T R A T K G K I G L S F G I G G	
UniRef90_UPI0003739050	E K G I D P A T K V I	V F S D G L D N V D R A L K I	H K F C R G Q V K D S F G I G G	
UniRef90_C7N8X0	K Y G T D S K T K T L	L F S D S L D N F D E A E K L	Y Q K F K D K A K I S F G I G G	
UniRef90_I7JBG0	E A G F T S A K I	Y A S N D L D D E N T L N L	K M Q G G A K I D V W G I G G	
UniRef90_R6Z886	E L G I D P T T K T I	V F S N A L D D F G K A L D I	K E Y C C R G K I R C S F G I G G	
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UniRef90_A8MK65	A A G L D P N V K I	T A S S D L D D E D V I N N I	K L Q G G A A I D F W G I G G	
UniRef90_F9ZAD7	E K R I D P R T K T I	V Y S D A L D D L E G V E N I	R S F V N G R L H D S F G I G G	
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UniRef90_UPI0003618B8A	A A G Y T N T K I	Y A S N D L D D E Y T I M N L	K T Q G G A K I D S F G I G G	
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UniRef90_UPI00046247F0	R L G I D Y R T K M I	I F S D A L D T V E K A L A L	K K Q C D E E L K C S F G I G G	
UniRef90_K1LVL0	E A G Y P D A H I	V A S N D L D D E L T I L N L	N M Q G G A R I N D D W G I G G	
UniRef90_E4KNM7	E A G F T D A R I	V A S N D L D D E K T I L N L	R M Q G G A K I N D W G I G G	
UniRef90_T0UCV2	E A G F T E A K	Y A S N D L D D E S T I L N L	K M Q K A K I D V W G I G G	
UniRef90_H3RQT2	E A G Y P N A K	F A S N N L D D E R T I M D L	Q R Q G G A K I D V W G I G G	
UniRef90_W3AFB8	E A G F P D V Q	V V S N D L D D E Y T I L N L	K A Q G G A R V D S F G I G G	
UniRef90_K8ZAQ8	A A G Y T E A K	Y A S N D L D D E D T I L N L	K M Q H A K I D V W G I G G	
UniRef90_A0A011RPE6	E A G F P D A K	I F A S N D L D D A E T I L N L	K M Q G G A K I D V W G I G G	
UniRef90_L5MSC0	K A G L T D V K I	V A S N D L D D E H T I M N L	K V Q G G A K V D S F G I G G	
UniRef90_E8V4T4	S R G R D P K S K L L	I A S D G L D D V Q E L L S L	H A Y F S G R I R F S A G W G	
UniRef90_S7RW86	S L G I D Y P K E K M I	I F S D S L D N M E K A L G L	K K Q C C N G G F P C S F G I G G	
UniRef90_T1DSA6	E L R V D P L K I K Y I	I F S D S L D N V E K A I R I	Q Q A C R G R I G V R F G I G G	
UniRef90_UPI0003B3610A	E A G L T D T K	I T A S S D L D D E F T I L N L	K S Q G G A K I D A W G I G G	
UniRef90_H1X5K8	E A G F P D A K	I V A S N D L D D E E T I T S L	K L Q G G A K I D T W G I G G	
UniRef90_U2QLH9	D A G Y P N A K	V V A S N D L D D E D T I T H L	K Q Q G G A K I D A W G I G G	
UniRef90_F5SJX0	E A G L T D T R I	V A S S D L D D E H T L N L	K S Q G G A Q I D A W G I G G	
UniRef90_B6K3V6	A I G V N P G T K V I	V H S D S L D N V D R C I H L	K K Q C G A R G I G C S F G I G G	
UniRef90_S9T0T8	D A G L K D V Q I	C A S N D L D D E Y T I S D L	K S Q G G A R I V D M W G I G G	
UniRef90_C1F3J5	K H G R D P R K K L L	I A S D G L D D V D D I L A L	H A Y F A G R L R F S A G W G	
UniRef90_UPI0003450188	D A G F P D A K	I Y A S N D L D D E N T I L N L	K M Q K A K I D V W G I G G	
UniRef90_A0M688	A A G L N Y V K	I A A S N Q L D D E Y V I K S L	L E Q Q A P I D I F G V G I G G	
UniRef90_W4RQ30	E A G F K D A K	I V A S S D L D D E Y T I M N L	K A Q D A K I D I W G I G G	
UniRef90_U2HZ37	S K G I D P L S K T	I F S D G L D D Y D K V E K I	T N Y C N G R I G Y S F G I G G	
UniRef90_U1YAT2	Q A G Y T E A K	V I A S N D L D D E Y T I M N L	K A Q G G A R I D T W G I G G	
UniRef90_UPI00046A985E	E A G F T Q T Q I	V A S N D L D D E Y T I I H L	K A Q G G A E I D I W G I G G	
UniRef90_A6TJG9	D A G Y E K V G I	V A S S D L D D E D T I D S L	K L Q G G A S I N D S W G I G G	
UniRef90_A5D1R4	E A G L D Y V K	I T A S S D L D D E N E I Y L K T	K T Q G G A K S I N D W G I G G	
UniRef90_D5T1A3	T A N F P N A K	Y A S N D L D D E Y A I A D L	K S H G A K I D V W G I G G	
UniRef90_F3BCR9	K A G F E D A Y I	V A S N D L D D E Y L I H D L	K M Q G G A A P I D T S W G I G G	
UniRef90_UPI000415EB7F	E K S L E Y M K	V A S N Q L D D E Y V I N S L	N E Q N A A P I D I F G V G I G G	
UniRef90_R5W2L6	D A G F T D A G	I C A S S D L D D E Y L I D S L	L S Q G G A N A C I D S W G I G G	
UniRef90_UPI00037EB830	E A G F P E A K	Y A T N D L D D E H T I M N L	N A Q G G A K I D V W G I G G	
UniRef90_Q6CG74	Q L G Y E P M S K V I	V Y S D S L D D V E K C G K Y	K A A A A E G L K A F F G I G G	
UniRef90_D7V172	E A G F P D A K	I F A S S D L D D E H T L S L	K A Q K A K I D A W G I G G	
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UniRef90_I7KOG5	D A G Y P D A K	I F A S N D L D D E T T I T N L	K M Q G G A K I D V W G I G G	
UniRef90_R5TG35	T A G F P D A I	S A S N D L D D E Y L I E T L	K I Q G G A K I T S W G I G G	
UniRef90_UPI00047B1D40	D A G L H Y V K	I V A S N D L D D E W T I R D L	T M Q K A K I D S W G I G G	
UniRef90_W0BEG2	E A G M H Y V K	I A A S N Q L D D E F V I K Q L	L E Q K A P I D V F G V G I G G	
UniRef90_B9WJW2	K L G I A K N S K I	I C F S D S L N V E K C L K Y	K N A D K L G L I S T F G I G G	
UniRef90_A3XR25	Q A G L D Y V K	I A A S N Q L D D E Y V I Q S L	L Q N Q N A P I D V I G V G I G G	
UniRef90_UPI00036C6078	E L R V D P T I K Y I	I F S D G L D D A Q Q A L K I	K K E C G S R I G A S F G I G G	
UniRef90_R5CIS3	A A G Y P Q A K	I C C S N D L D D E H L T N S L	Y Q G G A C I D S F G I G G	
UniRef90_UPI000468227D	D L G I N P L T K T I	I F S D G L D N Y E K V A K I	T A Y C K N K I G F S F G I G G	
UniRef90_H2AZC2	V L G L P K F K K V I	V C Y S D S L N V E K A I V Y	G K A A K E G L L A S F G I G G	
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Y G I K N A L I V F D E L R A K G S F I G V R L D S S G D L T Y L S S K E V R K K L D
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I E T G K K L R A Q G H R L A G I R L D S S G D L A Y L S I E A R K M L D
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F G D R V F F N N L S K R M A M M F T G L R M D S S G D N E E E Q T E K I R K Y K
I A V A R E F N T V L K P M G C R P K G V R L D S S G D V T Y L S Q K A R K M L D
I A V A R E L R A M G I R I G A V V R L D S S G D L A Y L S S K E C R R L L D
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M R V F R E E L V P K G I S G G V R L D S S G D L A Y L S K E I R K I L D
F T T G A F F K E F D L D R M N R W T G L R Q D S S G N P K E F V K L V K Q L W I
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I R V A R E V L E P M G K R L K G I R I L D S S G D L A Y Q S I K V R K M L D
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V G A E R L G K K V R N G E M E L A G V R L D S S G D L I S V S Q Q V R S H I L
Y D T E A A A R K K V E A A G I R V O G V R L D S S G D L G E H A R V R A I L D
V G V R K V I D L M A E E A G L K V G A V R L D S S G D L G A L A R D S R R I L D
I R V A K E Y L I P N A G Y R L K G I R I D S S G D L A Y L S K E A R K Q L D
Y D T E R A A R I V V E L A G H A I R G V R L D S S G D L A E H A R V R R I L D
Y D T L A G I Q K V I E T L G D D F R G V R L D S S G D L L T L S R K V R Q A L D
C A V A L A L H Q L G Y R A I G V R I D S S G D L I Q Q S K E T R V L R
Y D I T Q G V A N A I E V A G P E L G G V R I D S S G D L G V L A R Q V R Q L D
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U n i R e f 9 0 _ R 6 C L Y 8 E R L I T S R S Y S P V F G G V Y K L C A V N P I K I K I V S E N S K K V T T P
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H S F I M S F T A L E E V Q N R G E L A A F V S Y A I T E P H H F Q G L L D T Y
H A L I I I M D S T A K A T L T F D K H M P S E V P R I A L V D T
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H A L I A A Y G G D T V A A A R A F A D R Y K D T I N V T V L V D F E N
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