

QUERY	1	10	20	30	40
UniRef90_UP10003827724	N T L L A L G N N D Q R P D Y V W H E G T A F H L F N L Q D G H E A V C E V P A				
UniRef90_R0D963	N S I I A V G S E D S R P D Y A Y A D G V T F H L F E L L A D G A T A S A V V P D				
UniRef90_W6J4J2	N T L L A L G N N S Q K P D Y A W H E G T A F Q L F H L D E G R E A L C D V P D				
UniRef90_L0ECY7	N S L L A I A G A N N Q R P D Y D Y A D N V T F H L F E L L E D G Q T A K A V V H D				
UniRef90_L0LYJ8	N T L L A L G A N N N Q K P D Y A W H E G T E F Q L F C L D D G R E A L C T V P A				
UniRef90_D2TIU7	N T L L A L G A N N S Q R P D Y A W H E G T A F Q L F H L D D G R E A T C E V P A				
UniRef90_E3G8H0	N T L L A L G N N S Q K P D Y A W H E G T A F Q L F N L S D G V T A V S E V P A				
UniRef90_J7GA29	N T L L A L G N N S Q K P D Y A W N E G T A F Q L F N L E D G A T A V S E V P A				
UniRef90_W4QGZ2	N S V I A V G H N D T K P D Y D F A D H V D F Q L F A L L E A G N K A E T T V Y S				
UniRef90_G9Z1S0	N T L L A L G N N T Q K P D Y A W H E G T A F Q L F N L A D G A T A R C E V P A				
UniRef90_UP100047AE212	N S V I A T G H E D S R P D Y D Y A D G V V F Q V F E L L Q D G A C A S T T V Y S				
UniRef90_C6CTF6	N T L L A I G S N N N Q K P D Y D Y A D N V A L H L F E L L E D G A T A T A T I H D				
UniRef90_UP100047CBC5C	N S L I A I G S N N N Q R P D Y D Y A D N V T L H L F E L L E D G A T A L C E V P G				
UniRef90_UP100046392A5	N T L L A L G N N D Q K P D Y A W H Q G T A F Q L F H L E D G R E A L C E V P P A				
UniRef90_M1K0A2	N T L L A L G N N D Q R P D Y V W H E G T A F Q L F N L A D G A E A R C E V P P A				
UniRef90_UP100047862F2	N S V L A V G A D T R P D Y D Y T A D V T L L Q L Y Q I A D G A R I T V T I P D				
UniRef90_UP1000365B345	N T L L A I G Q E D N R P D Y D Y A T G V E L L H L F E L L E A D A K A E A V V V N				
UniRef90_UP1000361C21A	N S L I A V G A N D Q R P D Y D Y A D G V S L H L F E L L A D G A S A T E Q V Y S				
UniRef90_G9Y475	N S L I A I G N N S Q K P D Y D Y A D S T A F Q L F H L E D G A L A Q A V V I P A				
UniRef90_E3EIV0	N T L L A I G H E D R R P D Y D Y A Q D V A L H L F E L L G E G Q Q A R T V I V N				
UniRef90_UP1000465B623	N T L L A L G S N D Q K P D Y A W H E G A A F Q L F N L E A G R E A V C E V P S				
UniRef90_UP10003628B29	T L L A V G S D D S K P D Y D Y A D G V T T L H L F H L E D G K T A S A N I V I G				
UniRef90_UP1000408931A	N S L I P V G S E N R P D Y D Y A S G V T F H L F A L L Q D G A S A A S V V T D				
UniRef90_W4C660	N S L I A V G A V D S K P D Y D F A N D V S L H L F E L L A D G Q T A Q A V V V N				
UniRef90_C7PZM9	S V I P I G A V E D R P E Y D Y A A G V T L R V S E L L G D G A E V S T V V P A				
UniRef90_UP10004715430	N S L I A L G N N S Q K P D Y D Y A D G T C F H L F A L L D E N T Q T Q A V V I P A				
UniRef90_UP10003719DC1	S S I I A M G L E D S K P D Y D Y T A D V E L L H L F E L L E E G Q Q S S A I R L V Q				
UniRef90_UP10004705FD1	N S I I V A V G A V D T R P D Y D Y S Q N V T T F H I F Q L L D D G N A V E A E V P N				
UniRef90_W1HPW6	N T L L A L G N N D Q K P D Y A W H E G T A F Q L F H L E D G R E A R C D V P A				
UniRef90_L7VRM5	D S L I A V G S N E N R P D Y D Y A E N V T F H L F E L L Q D G H S A E S L V Y N G				
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UniRef90_F8FHX1	S L I I A V G S Q D S R P D Y D Y A D G V T L L H A F E L L Q E G S T A S A H V Y D				
UniRef90_R6JS02	N T L L A M G A C G E R P D Y D Y A Y A K G A E L R L Y A L L G D G K E A V C E I P D				
UniRef90_D9TT72	N T I I A T G N I D S K P D Y D Y L D N V T F E I F Q L E N G G L E A S T I V Y G				
UniRef90_R5D268	N T L L A I G A N E K T A D Y D Y A D G V Q I Q V Y E E V Q D G K E V Q C L V P D				
UniRef90_UP1000407AE66	N T L L A T G S R S R D S K P D Y D Y A D G V T D G V C Y E V F A L L E D E H R A E A T V Y T				
UniRef90_R7R0X7	N S I I I A I G A H D D K P D Y D Y A D S C E L R V Y T L L D G V K A E T T V Y Y G				
UniRef90_J9HG70	N S I I L P F G S R V D R P D Y E F A D G V E F F H V F Q V Q E G A V A N F T L V Y G				
UniRef90_M5P161	N T L L P L G N V S D R P D Y D Y L D G V T F C L Y H L K D G C S A E Q A V Y N T				
UniRef90_Q9KBM1	N S I I I V P I G S V D D R P D Y D Y T A D V N A F H V F A L L E N Y A T T S I V Y T				
UniRef90_D9SMN8	N S I I I I A V G S E N R K S D Y D F A Q D V T L K V Y E L L E E G K G A S A T V R S D				
UniRef90_E0I7C9	N A I I V A F G A N D L R P D Y D Y A S N G V D F H V V Y A L L E D G R T A Y S T V R D				
UniRef90_UP100036C306D	N S I I I I V A K G A N D N R P D Y D Y A D G V E L L G L Y Q I Q D G A N I S R T V R N				
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UniRef90_G8QWB0	N S I I I I A V G N D I T R T D Y D F S D G V C F H V F V A L L D D G N S I S V G V S D				
UniRef90_UP1000370D582	N S F V I A V G N D I T R T D Y D F S D G V C F H V F V A L L D D G Q K A A E T A L H S				
UniRef90_D2KFL5	N S I I I I P I G K V N T L T E Y D Y R D G V I L A V Y Q I L K E G Q V A T T E I I N				
UniRef90_UP100040ED715	N T I I I I A M G K T N D R P D Y D Y A D D V S F V I Y Q L N D G Q K A N A A V T D				
UniRef90_S0FR73	N S I I I I A A G N N E N V P D Y D Y L D G T V L H V F F E P G E N E P A S A T I Y S D				
UniRef90_F3ZYNY4	N S I I I I P V G S N D Q T T D Y A Y Y G D G L T T L H A F E L E D G K L A Q T T V Y Y D				
UniRef90_B5YAW0	S S I I I I A V G N E N K E K P D Y D Y A A G A E L H L V Y E L L E N G K G A S A T V Y N				
UniRef90_UP1000372B82D	S V V I P P F G A F E E Q T A D Y D Y T E N V A F H L F A I I S D E A T C T I H D				
UniRef90_Q5WIY5	N T I I I I P F G A E E Q T A D Y D Y T E N V A F H L F A I I S D E A T C T I H D				
UniRef90_R7N4H8	N S I I I I A I G A H D D K P D Y D Y G D G A E L R L Y A L L K D G K N A E A V V Y G				
UniRef90_E5W846	N T I I I I N T L L P L G Q E S G R P D Y D Y L D D V T F C L Y H L K D G G C T A E Q T I Y N D				
UniRef90_W4D1B9	N S I I I I A I G S I D N K P D Y D F A F D G V K F G L Y S L E E G T T T S A T V R D				
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UniRef90_UP1000375827F	N S I I I I V M G A N D V K P D Y D F A Q D A D V R L Y Q I I E D G A Q V S R R K V R G				
UniRef90_UP100035DE510	H S I I I I V A V G S V D Y K A E Y D T D N V T F H V F E L I I E D R E A T A H I Y N				
UniRef90_F7KEC6	N T I I I I A L G A V N D R P D Y D Y A D G A L H L Y E L L A D G A S C T C R L V I D				
UniRef90_K0IWZ4	N T V I I P I G S S D L K P V Y N Y G D G V T L R L Y Q L V E E G T K I S T P I Y S D				
UniRef90_E8XTS7	N T I I I I A L G S N N N Q K P D Y D Y S Q Q P E F H L F E L L E D G A V A E S V I T D				
UniRef90_E6TRU4	N T I I I I A V G S E N T K P D Y D Y A N N V E M H I I S T T A T A T V T R S D				
UniRef90_UP100041E56BD	N S I I I I A T G A N D V R P D Y D Y A N E V E L L G Y T I I E D G A T V S R T V R N				
UniRef90_C6IZN8	N S I I I I A T G A N D V R P D Y D Y A N E V E L L G Y T I I E D G A T V S R T V R N				
UniRef90_A0A031FWW8	T V I I P W G S R E D R P D Y D W A D G V T L R C F E L L P D G Y D A E T V V V P G				
UniRef90_W5XBW3	N S I I I I S V G A V D Q R P D Y D F A D G V T F E V F A L L D D G V T A T A V V P T				
UniRef90_I9DJX7	N T I I I I A V G A N D Q R P D Y D Y A D G V E L L H L F E L L E D G C E A T A T V R N				
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UniRef90_UP10004658E14	N S I I I I A I G H D D R P D Y E F A N N V T F E L L E D G K T A K A A I F V T D				
UniRef90_UP1000479C569	N S I I I I A I G H D D R P D Y E F A N N V T F E L L E D G K T A K A A I F V T D				
UniRef90_D3EK72	N S F I I A L G A S D A L P E Y D Y A D G V E L L H L F E L L E D G S E A S A I V R N G				
UniRef90_B1ZVV0	T V I I P L A L G A T D D R P D Y D Y A A D T T F R V Y E E L I A E G A K S T A V I C G				
UniRef90_B9KC10	N T I I I I P T G N T D N R P D Y D Y A D G V T L N V F E I I S S K T A N V Y N D				
UniRef90_U2CHC2	N T I I I I A T G A V N D R P D Y D Y A D G V T L N V F E I I S S K T A N V Y N D				
UniRef90_UP1000313FACB	V V P P F G A R T D R P D Y D W A D G V T L R V F E P A D G A R T V I A T V P A				
UniRef90_C4IC19	N S I I I I A V G H D N T R P D Y D F R E D V S V L A Y D L A D K A E A C T K V L D				
UniRef90_UP1000470AE56	N R F L I A L G A N D T R P D Y D Y A A G E V F E L L P D G Y D A E T V V V P G				
UniRef90_R9JKX2	N S V V I A V G A H E D R P D Y D Y A A D G V C E L R V Y A V H D G V K I D T E V Y G				
UniRef90_R6C9H9	N S I I I I A L G A H D D K P D Y D Y G E D E T L R L Y E P P A D D T T V T E T V Y G				
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UniRef90_M1MR47	N S I I I I A L G Y E N N V P D Y D Y A D G V T I I L A Y E L L K E N V K A T A K I L D				
UniRef90_R6LM27	N T I I I I P I G K N E K T A T Y H Y P E Q L V Q I L V Y P L E E D K I A E C I V P D				
UniRef90_R718B6	T V I I P L A L G A H D D R P D Y D Y L D G V E L L H V Y V Q L L A D G E S E T V E I P D				
UniRef90_R6H3U6	N T I I I I A L G N N D Q K P D Y D Y A D G V S L L V S A F D E G A E A K T E I P D				
UniRef90_A4XJ71	N S I I I I P M G S C D T R P D Y D Y T A N V T L L N V Y E L L E D G K S A F V S V K N				
UniRef90_F2JRD6	N S I I I I A I G N N S L K P D Y D Y R E G V Q I A A Y G L I E G K V A S T Q V I N				
UniRef90_A5IKAT7	N S V I I P A G S V D D R P D Y D Y A D G V T L L N V F E I I S N K T A H V Y N				
UniRef90_F8FNH7	T I L I P V G A D A S R P D Y D Y A D G V E L L Q L F E L L A D G A T A E R V V Y S				

QUERY UniRef90\_UP10003827724 A D G S V I F T L K A A R T G N T I T V T G A G E A K N W T L C L R N V V K V N T A G H P V L T V S A A R S G S R I D V N A E G T S N G W S L L L R G V V S T V A R UniRef90\_R0D963 A D G S T I F T L R A K R S D D T I T V S G E G E A R N R W T L C L R N I A Q I R UniRef90\_W6J4J2 A R G A V I F T L R A K R D A G V I T L R S E G E C H N W T L C L R N I A Q I R UniRef90\_L0ECY7 L Q G R P V L T V S A S R T G G N I E I A A D G A V K P W H V V L R G I Q G T P UniRef90\_L0LYJ8 T D G S V I A F T L K A V R A G N T I T V T G E G N A R D W T L C L R N I M Q L S S UniRef90\_D2TIU7 A D G S V I F T L N A K R V G N R I T V T G S G E G E A R N R W T L C L R N I M Q L S S UniRef90\_E3G8H0 A Q G A V V F T L R A T R T G D T V C I H G E G E A R N R W S V C L R N I V P Q V S S UniRef90\_J7GA29 A D G A V A F T L K A S R E G D T V T L T G V G E A R N R W S V C L R N I V Q K V V G UniRef90\_W4QGZ2 E Q G E A E V S F T A T R E G E T I T I S V T G A S K P Y T I T L R G I V N R V V A UniRef90\_G9Z1S0 UniRef90\_UP100047AE212 A D G T V I F T L W A E R K G A T R L K S A G N A R D W T V C L R N I V Q V A K UniRef90\_C6CTF6 T D G W P E V E F T A T K R A K D V I E V K V Q G A T K P W S V C L R N I K E I K UniRef90\_UP100047CBC5C L N G Q P Q A T A A A V R T G S T E I I S Y E G T G K P W Q V V L R G I E Q A A UniRef90\_UP100046392A5 L N G K A V V H A S A A R R G N A I E I I K V E G E G K P W Q A V L R G I E T V A UniRef90\_M1K0A2 A D G A V R F T L R V S R I L G N Q L T V R G E G D A S G W S L C L R N I V Q R I D UniRef90\_UP100047862F2 L R G E V I A A T F T V S R V G A T I N V E R D G P A Q P W R V L V L V G V S S L A UniRef90\_UP1000365B345 G Q G E R E L A A K A E R T G D T I I R V S A E G A G K P W K I V L R G I Q Q L A UniRef90\_UP1000361C21A T K A E L Q L T A K A E R N G S Q I T V T V E G A T Q P W N V C L R N I A G V A S UniRef90\_G9Y475 A D G S T Q F T L N V R R E G K Q L H V S S T G N A R N W S L C L R N I H S V S S UniRef90\_E3EIV0 UniRef90\_UP1000465B623 T S G E E E L L T V T V A S R K D S V T V K A E G A V K P W S L C L R N I H E A V UniRef90\_UP10003628B29 A D G A V S F T L R V K R E G N R L T V R G E G E A S G W T L C L R N I S E A A UniRef90\_UP1000408931A I D A Q Q Q L E A S A V R S G N E I I K I S V S G S T E N V K I V L R G I D S V E S UniRef90\_W4C660 Q R A A E Q E L T V N V T R N G S V L D V R A E G A G K P W N V L R G I E S V S UniRef90\_C7PZM9 A D G S V L A T F T T R T G R E I R V T S S G T V N G W R V Q L S G V G A V R UniRef90\_UP10004715430 A D G E T Q F T L C V Q R K G N Q L L V S S T G N A Q R W S L C L R N I H R A I L UniRef90\_UP10003719DC1 I S G D H A A D V T A V R Q N G T I E V S A S G T L T N W S V V L R H G I E N A A UniRef90\_UP10004705FD1 L H G Q A E M R V A R E R E G D I I T V T V D N A V A N K P W N V L R G I T P V E UniRef90\_W1HPW6 A D G S R I F T L K A R R Q G N A I A V S G E G E A R G W T L C L R N I P Q I A UniRef90\_L7VRM5 Q Y G I T E L T L K V T R K G N T L V V V N A K G N G K P W R I I L R N I F D I Q UniRef90\_S4XU58 A D G D A V T F T M S R R G P A V R V E A A G A P S A W S V L L V N R R V V UniRef90\_F8FHX1 T Q G S I L Q L S V R V T V R E G V L H V S S E G E G K P W T L L L R G T A E V I A UniRef90\_R6JS02 T A G S I V L T A R A A R N G R T I V I I S S T G M P E G M T Y V L K G I H E A K UniRef90\_D9T772 L N G E D Q V T V N A K R E G N S I V V N V D K A K K P W N V L L R G I Y K V K UniRef90\_R5D268 Q K G Q N A L V T A L R K N G T L T L E S A G K D Q H M T Y L L R N I V E E A G UniRef90\_UP1000407AE66 P G A S G R A K A V A E R H A N R I D F R V D G A V K P W T V L L N G V Q N V A UniRef90\_R7R0X7 M S N L P E L T V S A A R S G H T I H V T A E G S K P Y T I R M V N M H A A E UniRef90\_J9HG70 A A G G D T V G S L I V Q R R G G V I E L V P D G L A K P W T A C L R G S A Q V A UniRef90\_M5P161 V N G E S M T I I R A V R N Q N T I T V N S T G V Q K K W K L I L R N H P P V S S UniRef90\_Q9KBM1 V E G E E A T L L S A T R S T T T V T F D I S D G S K P W T V H L H D V T E V S S UniRef90\_D9SMN8 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UniRef90\_B5YAW0 UniRef90\_UP1000372B82D Q Q R K I D L K I N L I K E N N I I K I E V E D S G K P Y S V V L L V G A D V T D UniRef90\_Q5WIY5 P D G S T A A V F R V G R T G D T V T V E A L G E A A P W S V V L L R N V D T I L UniRef90\_R7N4H8 E N G T A A A S A R A S K T G N T I L A L S A N G V T G T C T W L L R N V D T I L UniRef90\_E5W846 M D Q K E E I A M T A K R E G N Q I H I T V K S D W N Y A V R L V N V A A A UniRef90\_W4D1B9 E K G E A M T L R A R R H Q N T I A V K T T G V Q K N N W K L L R G L V S V T UniRef90\_W4CX92 L K G G A P E L T V K A A R K G N S V T V T A E G S G K A F T L S L K D L G A I A UniRef90\_UP1000375827F I H G A P E L K V E A V R S G S T V K V T A E G S G K A F T L S L K D L G A I A UniRef90\_UP100035DE510 V K G E T E L E I A V S R E G S T L R I T A E G G A G K P F S I S L H G F G Q A A UniRef90\_F7KEC6 L Q G E K V A S I T G K R Q E N V C I F E T H G L T Q P Y H I L L R N I H N V T UniRef90\_K0IWZ4 Q K G G T V A N V T A C C I F E T H G L T Q P Y H I L L R N I H N V T UniRef90\_E8XTS7 A D A E L I K T F E V T R E A E C L I I K V D Q T D T S F N V E L I G V T A V K UniRef90\_E6TRU4 L S G R T V F I L L K A E R R D G V I T V T R E G Q A S G W T L C L R N Q K S V R UniRef90\_UP100041E56BD E K G E E D F T V T A E K V G S A I K V K L N K V E K P W S I V L R G I D T V R UniRef90\_C6IZN8 R T G A P A L S L T V R R D G G V L T V T P N R D L P Y A L R L I G I G H V A UniRef90\_A0A031FVW8 T K G E A E L Q V T V V R E G K L V K L T A E G A G K P F Y V T L H G M G E A E UniRef90\_W5XBW3 H D G A P A T A F R V R R D G G R I V A E S T D A R A P W S L R V G D R T A S UniRef90\_19DJX7 M S G G I A G T V S V T R T G E R Y E A K V D G D V K N W S V V L V G L G UniRef90\_UP10004014313 L D G E V A L T A T V I R Q G R C L Q V A L L G V A K P C S L L R G V E K A A UniRef90\_E4QDM4 E R C E V M T I K A F R K Q N T I T V Q A Q G T Q K K W R L L I R G H S P V S E UniRef90\_UP10004658E14 T E G K A E V E I E V R R D G D V I Y V T I R D T K K P W S L Y F D S L K I E 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 N S I I V A M G A R N D N A V Y D Y A D G V T F R A Y A L K D G I K A E T V V Y G  
 N T I I L P M G A S E T E A E Y D Y A D G V T L V L S E F S D G A S A E V E I P D  
 N T I I L P I G Y N D K K P N Y D Y L K D L E I N I F E L D E N N R I E T I L Y N  
 S V V P F G A N T A E A V H D W V E G V T L R V H A P A D G V R V T T P V P  
 S V V P F G A R T D R P D Y D Y A E G V Q L R V Y E L A E G E Q V V L E V P  
 N S F L A L G A E D D N G P E Y D Y A N G V E L L G L Y A L A E G Q A A A A V V I D  
 S V I P Y G E S D D A A E Y D W V H G V T L R I H A P R D R A T V V T R I P  
 N S L I P M G S N E K T A G Y S F A E N V Q I G I Y E L R E G E K A E C R I P D  
 N S I I I A V G D T D T K P D Y D Y A E Q V E L H V F Q I T S S A T S I I R N G  
 V V V A V G A R E D R P D Y D L A D G V T L L E V Y P M S D G Q V T E V T V H G  
 N S I I I A Y G N F R Q I E Y D Y L E G T F T I Y E L E D G K S A V C P I Y D  
 S V V L P V G S R T T D R P D Y A W A E D V T L L H C V L E D G H D T V T T V P  
 N S L I A V G N E N S K P D Y D Y G E N I T I M A F E L K E N D A T K T T V L D  
 S S I I V F G N F K G K A D Y D Y T D G M K I C V Y G I S D G A S A E T D V Y D  
 N S I I I V Y Y G S F K D T A D Y D Y A D G M R I V I Y G M E E G C T A E A V I Y D  
 N S I I I P V G N N E T A P A Y N Y L D N I T F R I Y S I E D G K N V T R E L M D  
 N T I I L P I N P N A Q M P D Y D Y S N E V E W H V Y E L D T S A E Q A L R D  
 N S I I I V A F G A F G N Q F E Y D Y L S G A D F C I C N L E D G K S A S A S V Y D  
 N T I I L A L G A D E T R P D Y A Y E E G M S L R L Y Q L D Q G Q T A V C R V P  
 T V L P V G A V T D T P E Y A W A E G V T L L R L F E L P D G F D Q V T R V P  
 N T I I L P M G N N D R E P E Y D F A D G V T L L L S V F A D G K E A D V E I P D  
 N A V L P V G A V D D R P D Y D Y T D G L T L R V Y A G E A T A T T T V V P  
 S I I I P V G A K A D T P V Y E Y A D G L T F K L Y E I P E I F E K D C R V Y N D  
 N S I I I A Y G D F G S D V E Y D Y L N N A V F T I Y E L E D G K T A T A P I Y D  
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 S V L P F G A Y D G A A V Y P W A H D V T L R V H E P V D G A T V T T R V P  
 S I I I A L F G A H K D V P D Y D Y T D H T L R L Y L P V D G E T A V C R I P  
 N T V I L A A G N C C E E K P D Y D Y T D G T L L K L F Q I R E G A E F Q T V I P D  
 N S I I I A Y G N F K K R D I E Y D Y L D G T N F T I Y E P E D G K T I I L C P I Y D  
 N T I I L A I G A N T Q K P D Y D Y L A G L E L H I F E L P D G F D Q S V T V P  
 V L P W G A D D Q R P D G D W L D G L T L R V F G P S T G E R T V T V P  
 V I A V G A V D D R P D Y D W A D G V E L R W F A P T E G Q V A R V R L P  
 S I I I A M G A E T D R P N Q P Y H R E V A I H V Y P I R P D H R S A C T L F D  
 T V L P V G A R T D R P D Y A W A D G V T L L H A F E L P D G Y D E L V V V V P  
 N S I I V V R G N C D T K P D Y D Y A D H A T V C V L E D G K T A T A P I Y D  
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 V L P W G A D D Q R P D S D W L D G L T L R V F G P A A T A D T L V A V P  
 N S I I I G Y G S F K K R D F E Y D Y L E G T E F V I Y A P E E G R E I S A N V Y D  
 N T I I L A V G S V T E R P D Y D Y A W A S S V L H L F A L K D G K E A V C K I P D  
 V I P V G A V D D R P D Y D H A D G V T L L R A Y G L R P G D E T T V R V G  
 N S I I I P I G G K D N T C D Y N Y L E N L Q L H I F F N L I N E T N A E I N D  
 H T I I L I T G Y R D D V I P D Y D Y T D H P T F T L Y Q L Q E G K Q A H A V L V D  
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 V L P V G A R E D R P D Y D Y A D G V T L L Q A Y R L A D G H R T V T V P  
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 S I I I I A V G Q E S S R P D Y D Y F A D G V R F L L W L P E E G M T A E T G V  
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 S V L P I G N R H D R P D Y D W A E G V V L R V F E P G D G L Q R D L S L A R  
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50                   60                   70                   80

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50            60            70            80

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