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QUERY UniRef90_UPI0003125D91 UniRef90_A0A01777C9 UniRef90_K9X395 UniRef90_B2IX81 UniRef90_B5H2S8 UniRef90_W8AAS2 UniRef90_C4SF90 UniRef90_UPI0002EBDF11 UniRef90_F4Y2T0 UniRef90_UPI0004123459 UniRef90_UPI00036CD9F5 UniRef90_UPI000375BA03 UniRef90_W8F3V2 UniRef90_UPI000371810B UniRef90_UPI000401CD83 UniRef90_UPI00040E7E38 UniRef90_D2QVY6 UniRef90_UPI00047AA07C UniRef90_UPI000428FC87 UniRef90_UPI00037A5EF3 UniRef90_J1FKX5 UniRef90_Q11WK4 UniRef90_UPI0002E7A538 UniRef90_UPI0004235E31 UniRef90_K9TQ27 UniRef90_F4AQJ2 UniRef90_UPI00036D38AF UniRef90_B1XN93 UniRef90_Q11YJ5 UniRef90_U0EPY7 UniRef90_K9PXX4 UniRef90_J1KT28 UniRef90_A9DLF0 UniRef90_UPI000375A3BA UniRef90_B7JV10 UniRef90_UPI00046AB1C4 UniRef90_UPI00047DA044 UniRef90_UPI00035FD471 UniRef90_UPI0002886FEC UniRef90_L8M7F5 UniRef90_S9PGI7 UniRef90_B4VMY8 UniRef90_K9XXR2 UniRef90_Q2JP52 UniRef90_K9WBS2 UniRef90_G2Z4Z4 UniRef90_Q8YQT1 UniRef90_K6YP92 UniRef90_B1WRC6 UniRef90_F0LWN7 UniRef90_K9Z665 UniRef90_M7N0A9 UniRef90_F0RBF0 UniRef90_K9QQT0 UniRef90_G6FQI8 UniRef90_K1WHD7 UniRef90_B6EL52 UniRef90_UPI000427DAA7 UniRef90_UPI000406D5C1 UniRef90_R5QMB2 UniRef90_A0YIB5 UniRef90_A1ZFK0 UniRef90_M1X2Z8 UniRef90_UPI0003649978 UniRef90_UPI000347CE21 UniRef90_U5QJ12 UniRef90_UPI000362A1E1 UniRef90_Q7NGT0 UniRef90_V6SN94 UniRef90_A9VXD1 UniRef90_K9YJ47 UniRef90_Q8DIL9 UniRef90_UPI00034CFBBD UniRef90_UPI000347CE6 UniRef90_H7FPV0 UniRef90_I0AN81 UniRef90_UPI0003B46651 UniRef90_G2PIH6 UniRef90_D8PIU3 UniRef90_U5DIR9 UniRef90_UPI0000E0E6CA UniRef90_F2PG72 UniRef90_UPI0003824611 UniRef90_F4XTF6 UniRef90_UPI00047078E0 UniRef90_B8HVL9 UniRef90_K9WVK4 UniRef90_B0C479 UniRef90_CON4D1 UniRef90_UPI0004167324 UniRef90_I4AG04

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

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90 100 110 120

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D L K H D L H D Q K I L L Q A F L E M L I E S S F A D G E L S V K E V E V L D K
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L E P L A P H L A A A G R E S I L L Q G A R I A L A D G P Y S A A E E M D V L S T
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A S V A G E L K N S T E E S K Q L E A Y E M A V C V C D A D G T Q S D A E E R M F L A D
H E C G A Q I A A N E Q R L Q L L D F L V N I A K S D G S V C S E E I A A L K E R
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D T L L G Q V N D Q E T A E E F Y L A S R A A V D G E S A Q E E Q R Y L S D
M V I M D E L A D S E R E R I A E M I W D V V I A D G V L H D F E E G L M Q R
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E T V A Q K I A K T E Y D S L I K Q L V Q F A H I D D F Y A P S E R K M I L E T
R L H S R P N G L A E A R L S V F A H C V D I V L A D G E L R Q S E A D F L N R R
A V L R D H Y D Y E D R V A L V A Q M W Q L A F A D G G E L D A L E E H R I R R
R E I Q D V K G D P R E M E D V L V T G L T V A L A D G G E L E E P E E K I L R R Q
S Y L R G L Q G Q P D I A E D M L R A C W R M A W A D G K A S R V E R E L I G V
E A L L A P H L A P A G R E S I L L Q G A R I A L A D G G P Y T P A E E R E V L T T
D Y L G K K P K S A Y A Q S Q L L E D L S G L I Y S D G E V A Q E E A K F L T Q
L A A A V R E P A L R E Q L V S G L V A M T L C G E R I D E E R E L L E V E R
E D L V P K L Q S Q E E R E L V L K L G Y E T I A S S K L N E E A T A Y Q K T
A E A L K T I L G K I K K E D A S R L L V R V C C A D G S F D E K E R E V C R
E I S V R L G Q M P E V R C F V Y D A M R A A H R Y K K V P E N E R L R L F A
E F T S P L R E N H S P R A R L I E D M W A V A A A D G K V D V I P E E H L I R R
R Q I A N L L E N S S V L E E L L K L I I A L A D G K I T I P E I K Y L R E
E P L Q R L R G R Q A E A K A M L Q A C W R M A R A Q G A L D A R E H E L V M L
A V R V V K Q L P R D Q R L T L T D L W R V V L A D G E R D A H E D A L I R R D
Q D L A R D V P Q G L E A Q V Y L M S L L A I D F D N E A E A R Y L N R N
N Y A L T K G E Y K K R L K V V E F L F A L A Y A D G K L E D S E E Q E Q I I D
Q E V A K A K K P A E A R A V V Q I G I V I G G A D G G H F D Q D D E R A V V R E
F T R T I K E R V E L Q D R Q K I A A L W V A Y A D G Q R D P E E E A L V R L
A D V A R A A S T P E M A A E M Y L A S V L M V D E E H F M E R A Y L E E
F E I Y A S R I A E A D D P D T L T D L M E I A M A D G T Y H P P E E N A F L A E
D V F D S M K A R T V L L E I S L V A V C D G Q V P P E E Q A I I N R K
Q Q I V M Q M S V E K L K Y V H S L L S M A E V D G Y L H P K E E Q A I I N R
F S K Q I N E S A E Q R L E I L L W R L A Y A D G E I D P Q E E Y V L R K
A S L K K K P L D Q I T K E T I A T S M A S L A Q S D G T V S P D E M R F L E K
E E Y L G E N P T K E D Y Q E L L E T L S A L I Y S D G D V Q M Q E A Q F L T K
R R R L K K T D R E H Q D L L R S M I S I V L A D G H P S V K E I A A I E Q
L P Q V A A L L H D V T H R Q F A Y E M V C I C D A D G L R T A E Q Q F L E Q
A T V P N A Q T G I E V I A A S A S A I D L N Q S A S Q Q Y L Q T
F T N K L R A L E Q A R Y E L V E A M W Q V A Y A D G V T D P M E E A V I R R Q
S A R T R L A A E S Q A E I I R A C W R M V W V N G S V R P G E R D L I R R Q
F T S L N K G F S P E Q K L R M V E H L W Q V A F A D G A L S H F E N Q L M L K
P N L G L L R Q H P D E A I A T V R T L I A S D S E E H V S E A E M L A Q
A E K V A S A S T P E I A E M Y I A S L I L V D S E E H F M E R A Y L E E
A A K V K E L V C Y E E R S A T V A E V W N V V M A D G V E R N E E K C L F T A
D Q I C S D I R V R A Q R I Q L L H Y L F G I A Q S D G Q V S E S E I K T L Q R Y
V S R L R D K S D Y E E R L G V M E M V V L A D G R V D K I E R Q L M R Y
G K L I R E T T D L Q E R L A A I E A L W E V V L A D G N S D E G E I K I V E E
G Y L R R L K A Q P H A A E G V L R A G W R M I L A D G R I D P R E R E L I V L
D A L L E A C L E K N G L V V T D L V T L A V S D G K Y D A R T R T L I K Y
Q A V A L T A R M D E E R K K Y V A S Y L G V I M A D G D I D D N E L A L W T L
S L C G S G H R N C Q M L E D V L D G L F H I A K A D G A L H D K E L T F L G T
S H L R R I R Q Q P H A A E E G T L R A C W R M V W A D G K M G N K E R E L L D
H E Q E L D R C Y R E E R A R V R L L I Q L A A A D G A P T E A E R A E I E R
A A G K Q A A L A D I A K R G R V T E A A A V V L V D G E F V A S E R A V V R E
T W I E R L R D V P E G A R A P L L R A L E I A A A D K V A S L R E R K L L V H
A L D Y F Q F S S A E Q R I D I L L W R L A Y A D G E L D K H E E L V I R R
E A F S L I R Q L D T K R S A L L E M M R I A R A N A E F D A S E E K I L R R
A A L K K K P L P S E A K R S I G R F L A H L A Q A D G L V T P H E V K F L E R
D F L F G K G L R D S E K D A M M R G A F F V A L A S G R I I P P E Y D F L T N
S V S L N N G L S E G E K R Q V L E M L W R V A Y A D H H I D A H E E H L L R E
D V V Q L S I L L E D E H K Y L I I Q Y L K A I S E T D G S V S K D E E L L L Q K
D A L A A A K T E A Q K I E L Y T A S R L A I D P D T R A E R G Y L D M
D P L A I A R L A R S E Q G A E I Y L A S S L S I D P D E Q V E Q Q Y L D R
G Y L R H F R T Q P H A A E G L L R A C W R M A W A N G R A T R N E R E L I V L
D T T L A P H L A P S G R E S L L L Q G A R I A L A D G P Y T Q A E R D V L T I
V R F T R A I K D S E N R L A V V E A L W Q V V L A D G E R D P E E D A L L R L
F E K G N P V L C D L M E G L F Y V A V S D R T Y H P K E D D F L S H
A A L R A R L P D V R M R E A A I E L A V R L V A A D G V T H E S E H A L L V E
D V L L P G V K D K E T A E E F L V S R A A V D G D
E A L L A P H L A V P G R E S L L L H G A R I A L A D G P Y T E A E R V T L T L
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K V L A K S K G K S K R I L V E L F G I L A D G E V C I E E A F M G K
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	130	140	150	160
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UniRef90_N2J9W6	W G L W A G L S Q T R V D E L			
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