

QUERY	1	10	20	30	40
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UniRef90_M9NFH8			H I K D I E E A I Q D V V L E	Q K R A D R V L D K T R G F V K Y	
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UniRef90_L8GNB8		V K D I E I L A L H P	K V K P F A S L K P T A V T	T K T K E H W	
UniRef90_UPI0002659C3D		L K D I E D V G G K P D K V R			G F M K Y
UniRef90_Q1KC0					M G K T T G F L E Y
UniRef90_S2JAK9		N V E D V E D S V L T E E E I L K R R E			K L D K L R G F M K Y
UniRef90_V5GQ69		N V V D V E D S M V D D E T A K A R			L S K L D K T R G F M K Y
UniRef90_A1W411					M G K T T G F M E Y
UniRef90_A5DMF7		V L D V E D T V T D S A A A K K			P V V K L D K V R G F M K Y
UniRef90_UPI00035E69CE					M S T P T G F M E Y
UniRef90_QORFY4					R S V M A D P T G F L K H
UniRef90_F4CVK9					M A D P K G F L T T
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UniRef90_I3BZ87					M G K P T G F L E Y
UniRef90_B3QPN6					M G K L K G F M E Y
UniRef90_T1FZZ2			Q N L M S L N A R V L R H A T V L P		T E T K S E K K L W
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UniRef90_UPI0001D2F47C					M G K V T G F L E I
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UniRef90_D5X6G7					M G K I T G F M E F
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UniRef90_D9X0X6					M G K T T G F M E I
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UniRef90_C3X4S6					M G K P T G F K E F
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UniRef90_UPI0004701CB5					M G K P T G F M E Y
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UniRef90_W3ADM7					
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UniRef90_T1I8Q5					M G K I T G F K E Y
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UniRef90_C1E4G5					M A K N V Y
UniRef90_K6X353					

QUERY UniRef90_A0A034VUS9 UniRef90_V9K7Y0 UniRef90_G6CV46 UniRef90_K7IQ70 UniRef90_X1YFD5 UniRef90_V5GTH2 UniRef90_T2MDA7 UniRef90_A0A016V4Q5 UniRef90_M9NFH8 UniRef90_J9JJH1 UniRef90_F4QCT1 UniRef90_V5GI16 UniRef90_L8GNB8 UniRef90_UPI0002659C3D UniRef90_Q11KC0 UniRef90_S2JAK9 UniRef90_V5GQ69 UniRef90_A1W411 UniRef90_A5DMF7 UniRef90_UPI00035E69CE UniRef90_QORFY4 UniRef90_F4CVK9 UniRef90_UPI0003DF5A12 UniRef90_UPI00035D4AEF UniRef90_Q47QQ7 UniRef90_F6B7P1 UniRef90_UPI00038C5099 UniRef90_X5MM83 UniRef90_W6LZG4 UniRef90_I3BZ87 UniRef90_B3QPN6 UniRef90_T1FZZ2 UniRef90_UPI000255AC74 UniRef90_Q0JKD0 UniRef90_W2RJC8 UniRef90_UPI0003B2FBF4 UniRef90_E0XWB0 UniRef90_UPI0003B48EED UniRef90_UPI0001D2F47C UniRef90_S6BMF0 UniRef90_H5XMG1 UniRef90_A0A024JD78 UniRef90_B8FN70 UniRef90_M5S344 UniRef90_D5X6G7 UniRef90_Q03460 UniRef90_E4XDZ6 UniRef90_F8N6R4 UniRef90_C1MQ07 UniRef90_R7CVG4 UniRef90_C3XUM8 UniRef90_G4VS94 UniRef90_UPI000161DB5F UniRef90_R5KIE2 UniRef90_R4X6A4 UniRef90_E3FJ15 UniRef90_A4BY15 UniRef90_D7DP86 UniRef90_F0XTM1 UniRef90_H9UKA0 UniRef90_R5TWC2 UniRef90_V5BTP7 UniRef90_S6B908 UniRef90_U6I008 UniRef90_UPI00036C7D92 UniRef90_J3AUS1 UniRef90_R6FSW5 UniRef90_UPI0003B673BA UniRef90_D9X0X6 UniRef90_A7BR92 UniRef90_C3X4S6 UniRef90_G3D514 UniRef90_UPI0003A94006 UniRef90_L8MZN7 UniRef90_I4VL88 UniRef90_UPI00046F8E9F UniRef90_U1JVS5 UniRef90_W8WSP5 UniRef90_UPI0004701CB5 UniRef90_UPI00046D7214 UniRef90_W4HL35 UniRef90_Q2CKB8 UniRef90_W3ADM7 UniRef90_A0A031MHM0 UniRef90_D5QCW2 UniRef90_UPI00040E3E7F UniRef90_C6XLK2 UniRef90_T118Q5 UniRef90_A5N8N0 UniRef90_C1E4G5 UniRef90_K6X353

50 60 70 80

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K R N N T D R K S A S C C C P S T L E N D F S D I I K H H T T T L L S E E R A A A L R R E E A A S R C C L K
K R N N A D R K S C Q S C C P L T L E N D F S D I I K H H T T T L L S E E R A A A L R R E E A A S R C C L K
K R N N D D H N C C S S C A D L T L S K N F F E D I I K H H T T T L L S E E R A A A L R R E E A A S R C C L K
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P R E T S R Y R A A E K R M K D W D E I Y N F P H V R K G L R I Q A A S R C C M D
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R R E L P K R R P V D L R L Q D W R E V Y Q P F P E E H L R E Q A G R C C M D
P R E T P P R R P V D L R L Q D W R E V Y E D F P R E N L E K Q A G R C C M N
K R Q M G V Y R S I E N R I A D T W E I Y N F Q S V R K D E A K I Q A A R C C M E
E R L E E G Y E P V E K R L K D W K E F V I G L K E D E A K I Q A G A R C C M D
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K R N D E R A Y C S G L T H L T N N F D D V K H T T L S E E R G A L L R E A A R C C L K
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E R E S I S Y R D P N E R V K D W K E V A I E S V P G P L L N T Q S A R C C M D
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D R K K V A W R L P V V R L N D Y D E I Y T E P R V E H L R E Q Q A R C C M D
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K R N L K K G C G S K G K L Y K N F G D I K H H T T L S E E R A A L R E A G R C C L K
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P R V N M P E L S P E Y R T T R Y E E V N K G L T K Q M A L T E A K R C C L D
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S R S P A P K R E K S E R V Q D W K E F V L P L A P E D E A K R Q A G R C C M D
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D R L A E A N L P V T D R V K N Y K E F V L H L S D A E A K Q Q G A R C C M D
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P R Q E W P R R P V E E R V R D W N E V Y V P G A L L P I S K Q A D R C C M D
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L R E A P T E I P S S D R I K N W D E F H V H M P D E N L R T Q G A R C C M D
P R Q V E T A E V P V Q R V K H W R E F T Q Q L T D E Q A K I Q G A R C C M D
A R E P V P W R E P L A R L V D F D E V Y T D P D A D E N L L R Q A A R C C M D
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R V P M R E Q D P E V R R N F D E V A L G Y T L E E A V I Q E A K R C C L Q
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D P K R N P L R H R K T R F I E I N E A Y K P Q E A A E Q S H R C C L E
V A Q E Q P E K R P A D S R R K D F N E I Y D E L P R Q Q E A A E T Q A S R C C S Q
T Q R L L P L R R P V S E R L G D W N E V Y Q D F A E D T V R E Q A G R C C M D
L D K E M P K K R D A K N R K Q D F H E I Y A D Y I D A K A E Q S R C C S Q
Y R P A E K R L K D W D E I Y N F E H V K K G L R V Q A A R C C M E
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UniRef90_K7IQ70 A D A P C Q Q K K S S P T T T Q Q L L D D I I K K S F I T S I S A N K N Y Y G A A K T E I F S S D N P P
UniRef90_X1YFD5 A D A P C Q Q K K S S P T T T Q Q L L D D I I K K S F I T S I S A N K N Y Y G A A K T E I F S S D N P P
UniRef90_V5GTH2 A D A P C Q Q K K S S P T T T Q Q L L D D I I K K S F I T S I S A N K N Y Y G A A K T E I F S S D N P P
UniRef90_T2MDA7 A D A P C Q Q K K S S P T T T Q Q L L D D I I K K S F I T S I S A N K N Y Y G A A K T E I F S S D N P P
UniRef90_A0A016V4Q5 A D A P C Q Q K K S S P T T T Q Q L L D D I I K K A F I T S I S A N K N Y Y G A A R Q Q L L S S D N P P
UniRef90_M9NHFH8 G V P F C Q Q S G G P T T L G G N I I I P K W N D L V F H G E W Q E A L R Q L L S S Q T N N
UniRef90_J9JJH1 G V P F C Q Q H G G P T L G G N I I I P K W N D L V F N N N W P E A L N Q L L S S Q T N N
UniRef90_F4QCT1 A D A P C Q Q K K S S P T T T Q Q L L D D I I K S F I S S I A T Q N H W R Q A L N Q L L S S Q T N N
UniRef90_V5G116 G V P F C Q Q H G G P T L G G N I I I P K W N F L V F T K N N Y Y G A A K Q L L S S Q T N N
UniRef90_L8GNB8 A D A P C Q Q K K S S P T T T Q Q L L D D I I K A F I S S I S T K N N Y Y G A A K Q L L S S Q T N N
UniRef90_UPI0002659C3D G V P F C Q Q H T G G P T L G G N N I I P K W N D L V Y R G R W R E A L V R Q L L S S Q T N N
UniRef90_Q1KCO G V P F C Q Q S G G P P I V I G N N I I P K W N D L V Y K G D N W K E A L D R R L M M T N N
UniRef90_S2JAK9 G V P F C Q Q S G G P P I V I G N N I I P K W N D L V Y F K Q D W E D A L N R L L M T N N
UniRef90_V5GQ69 G V P F C Q Q S G G P P I V I G N N I I P K W N D L V Y F Q D R W Y D A W Q R L M M T N N
UniRef90_A1W411 G T P F C H N G G P P V L G N N I I P E W N D L V Y R R G R W K E A L I E R L H H A T N N
UniRef90_A5DMF7 G V P F C T S G G P P V I S N N V I P K W N E L V F Q D R W Y D A W Q R L M M T N N
UniRef90_UPI00035E69CE G T P Y C H H S G G P P V L G N N I I P E W N D L V Y R R G R W K E A L I E R L H H A T N N
UniRef90_QORFY4 G I P F C H H Q G G P P L G N N I I P E W N D L V W R H D W R E A I E R L H H A T N N
UniRef90_F4CVK9 G I P F C H H Q G G P P L G N N I I P D W N D L V W R H D W R E A I E R L H H A T N N
UniRef90_UPI0003DF5A12 G V P F C Q Q H G G P P L G N N I I P K W N D L V Y F Q S N W K E A L D N Q L L S S Q T N N
UniRef90_UPI00035D4AEF G T P F C Q Q N N G G P P I L H N I I P D F N D L V Y R G Q W R Q A L D V L H S T N N
UniRef90_Q47QQ7 G I P F C H H N G G P P L G N N I I P E W N D L V Y R H D W R D A I E R L H H A T N N
UniRef90_F6B7P1 G T P F C H H S G G P P N L H N I I P E W N D L V Y R G L V F E A L D R L L K T N N
UniRef90_UPI00038C5099 A D A P C Q Q K K S S P T T H L D I I K S F I T S I A N K V F K
UniRef90_X5MM83 G I P Y C H H N G G P P V V N N Q I P D W N D L V Y S E D W E E A A R N L H S T N N
UniRef90_W6LZG4 G I P F C H H R G G P P V V H N I I P E W N D M I Y R G L W R E A F E R L R M T N N
UniRef90_I3BZ87 G I P F C H H S G G P P V I H N I I P E W N D M I Y R G F W R E A Y E R L M K T N N
UniRef90_B3QPN6 G T P F C H H S G G P P T L G N I I K S F I S S I S T K N Y Y G A A K A I L H A T N N
UniRef90_T1FZZ2 A D A P C Q Q K K S S P T T L G D I I K S F I S S I S T K N Y Y G A A K A I L H A T N N
UniRef90_UPI000255AC74 G I P F C Q Q S G G P P L G N N I I P D F N D A V Y R G K W E K A A Q Q L H A T N N
UniRef90_Q0JKD0 G T P F C H H S G G P P L G N N K I P E F N E L V H Q N R W R E A L D R R L L E T N N
UniRef90_W2RJC8 G I P F C H H S G G P P I S N N I I P K W N E L V F A N Q W K D A L N R L L M T N N
UniRef90_UPI0003B2FBF4 K N A P C V K G G P P V V Q I P E F I K L V C E G K F I D A M K I K E T N F
UniRef90_E0XWB0 A V P F C H M G G P P L G N N I I P D F N H Q V Y K G D W Q G A L A T L L S T N N
UniRef90_UPI0003B48EED G I P F C M S G G P P V V N N Q I P D F N N L V Y H G D D W R A A L D V L H R T N N
UniRef90_UPI0001D2F47C G I P F C H H N G G P P V V N N Q I P D W N D L V Y H G D W R R A L L A N L H S T N N
UniRef90_S6BMF0 G I P F C H H Q G G P P V V N N L I P D W N D L V Y T G D W R E A L E M L H S T N N
UniRef90_H5XMG1 G I P F C H H Q G G P P I L S N I I P E W N T L T W R Q D W R D A I E R L H A T N N
UniRef90_A0A024JD78 G V P F C H H Q G G P P I L S N I I P K W N E L V F R Q D R W Y D A I E R L L M T N N
UniRef90_B8FN70 K N P G C R Q S G G P P I V G G I D I P G F I K Q I A K G D F A A G I A K I K E T N A
UniRef90_M5S344 G V P F C Q Q S G G P P V D N N I I P E W N D L V Y N G D R W K E A I E R L H R T N N
UniRef90_D5X6G7 G I P F C Q N N G G P P V I L I I P D F N D L V Y W Q G D W K R A L E R L H S T N N
UniRef90_Q03460 G T P F C H S G G P P T L G N K I P E F N E L V Y Q N R W Q E A L E R L L E T N N
UniRef90_E4XDZ6 A D A P C Q Q K K S S P T L S D I I K S F I S S I S N K N F Y G A A Q T V L R Q T S A
UniRef90_F8N6R4 G K P S C V E G G P P V H I K I P D F I K N I S R K N F L G A A T V L R Q T S A
UniRef90_C1MQ07 G T P Y C H S G G P P L G N K I P E W N E L V H Q G R W R D A L D R L H E T N N
UniRef90_R7CVG4 A N P C C M T G G P P V L G N I I P G F I K N I E R G E F L E A A R V L K E T N S
UniRef90_C3XUM8 G V P F C Q Q S G G P P L G N N I I P K W N D L V F H D Q W K E A L D R L L Q T N N
UniRef90_G4VS94 G V P F C Q Q S G G P P L G N N I I P K W N D L V F K G D W H A A H I A L A Q T N N
UniRef90_UPI000161DB5F G V P F C Q Q T G G P P L G N N I I P K W N D Y I F K Q N W R Q A L E Q L L Q T N N
UniRef90_R5KIE2 A K P C C M E G G P P V V I D I P S F I K N I E R G Q F L A A K V L K N T S A
UniRef90_R4X6A4 G V P F C Q Q S G G P P I S N I I P K W N E L V F N E Q W Q D A L D R L L M T N N
UniRef90_E3FJJ5 G V P F C Q Q Q G G P P L G N N I I P D F N D A V Y N G R W K A A Y L S S G T N N
UniRef90_A4BY15 G I P F C H S G G P P L G N N I I P D F N H M V H Q G E W K K A S W I L S T N N
UniRef90_D7DP86 G I P F C T T G G P P V L N N I I P D F N D L V Y S Q D W K A A T D V L H S T N N
UniRef90_F0XTM1 G V P F C Q Q S G G P P L S N I I P K W N E L V F Q N Q W D A L N R L L M T N N
UniRef90_H9UKA0 G I P F C Q Q S G G P P L D N I I P E W N D L V Y O G K W E A F L R L M K T N N
UniRef90_R5TWC2 A N P S C M E G G P P V V G I N I P G F I K N I E R G E F L E A A R V L K K T S A
UniRef90_V5BTP7 G I P F C H H T G G P P V V N N I I P D W N E M V H R G D W Q N A L A I L H S T N N
UniRef90_S6B908 G I P Y C T N S G P P V V N N I I P D W N D L V Y R G N W K A L D V L H S T N N
UniRef90_U6I008 A D A P C Q H S S P T Q L D V K A F V G S I G K N Y Y G A A K A I L S D N P
UniRef90_UPI00036C7D92 G N P Y C Q E W K P V V H N Y I P N W L K L V E E G N L F A A A E M S H R T N S
UniRef90_J3AUS1 G V P F C Q T H P L H N N I P D W L R M T A E G R L E A A Y Q L S Q A T N S
UniRef90_R6FSW5 G K P A C V E G G P P V N N I I P S F I K N I E R G Q F L A A A K V L K S T S A
UniRef90_UPI0003B673BA G I P F C H S S G P P I N N I I P E W N D L V Y S R E D W R A A L D R L H K T N N
UniRef90_D9X0X6 G I P F C H H E A P P I L N N I I P E W N D L V Y Q H K W R E A L A V L H S T N N
UniRef90_A7BR92 G I P Y C H H N G P P I N N I I P D W N D L V Y Q H K W R E A L A V L H S T N N
UniRef90_C3X4S6 G I P F C Q N N A G P P I V I L I I P D F N D Q V Y H G S D E E A L E K L Q A T N N
UniRef90_G3D514 G V P F C Q Q S G G P P I D N N I I P E W N D L V Y H G R W R E A L D R L H K T N N
UniRef90_UPI0003A94006 G I P F C H H S G G P P V N N I I P D W N H L V Y E D D W K T A L E T L H S T N N
UniRef90_L8MZN7 G T P F C H H S G G P P V N N I I P E W N D L V Y R G L W R E A L D R L H K T N N
UniRef90_I4VL88 G T P F C H H G G P P V V N N I I P D F N D L V Y R Q D W K H A I E R L H S T N N
UniRef90_UPI00046F8E9F G V P F C Q S G G P P I H N I I P E W N D L V W K G Y W Q E A L D R L H K T N N
UniRef90_U1JVX5 G N P Y C T W K P P V H N Y I P Q W L K L I R T G R L E A A E L S H R T N S
UniRef90_W8WSP5 G V P F C T H G G P P V V N N I I P D W N D L V Y R Q D W K R A L D V L S T N N
UniRef90_UPI0004701CB5 K K P M C V E G G P P V N N V R I P Q F I A A I V I E G N I E E A F R I I R Q T N N
UniRef90_UPI00046D7214 G I P F C H H Q G G P P V L H N N I P D W N D L V Y R D D W E Q A A K V L H S T N N
UniRef90_W4HL35 G V P Y C Q Q S H P L H N N I P D W L R L T A E G R L E A A Y E L S Q A T N T
UniRef90_Q2CKB8 G V P Y C Q Q S G P P L H N N I P D W L R L T A E G R L R E A A Y E L S Q S T N T
UniRef90_W3ADM7 G V P T C Q S G P P V Y H L P E W N D L V Y R G Q W K E A L H R E H V M N N
UniRef90_A0A031MHM0 G N P Y C E W K P P V V N N I I P N W L K L V A E G N I I E A A E L S H Q T N T
UniRef90_D5QCW2 G V P F C S V H P P L G N N I P D W L M M T A A G R L E E A Y E L S S A T N N
UniRef90_UPI00040E3E7F G I P F C H H N G P P L G N N I P E W N D L V R T G R W R E A F D R L H A T N N
UniRef90_C6XLK2 G V P F C Q Q H G P P L G N N I P D W L K L T A E G R L E A Y Q L S S T N N
UniRef90_T118Q5 G V P F C Q Q H G P P L G N N I P K W N D L I F K N W S E A L N Q L L Q T N N
UniRef90_A5N8N0 G T P F C H N W A P P L Q N N I P D W N D F I Y K G E W K A F E R L S L T N T
UniRef90_C1E4G5 G T P F C H Q G G P P L G N K I P E W N E L V H Q G R W R D A L D R L H E T N N
UniRef90_K6X353 G N P Y C E W K P P V H N Y I P Q W L K L A N E G K L E A A E L S H Q T N S

QUERY	130	140	150	160
UniRef90_A0A034VUS9	LGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_V9K7Y0	LGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_G6CV46	LGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_K7IQ70	LGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_X1YFD5	LGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_V5GTH2	LGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_T2MDA7	LGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_A0A016V4Q5	LGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_M9NFH8	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_J9JJH1	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_F4QCT1	LGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_V5GI16	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_L8GNB8	VGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_UPI0002659C3D	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_Q1KCC0	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_S2JAK9	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_V5GQ69	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_A1W411	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_A5DMF7	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_UPI00035E69CE	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_QORFY4	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_F4CVK9	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_UPI0003DF5A12	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_UPI00035D4AEF	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_Q47QQ7	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_F6B7P1	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_UPI00038C5099	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_X5MM83	FPEMTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_W6LZG4	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_I3BZ87	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_B3QPN6	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_T1FZZ2	LGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_UPI000255AC74	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_Q0JKD0	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_W2RJC8	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_UPI0003B2FBF4	LPAVCCGRVCC	QEDQEEVLRGKK	GEVVAI	KSGRIE
UniRef90_E0XWB0	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_UPI0003B48EED	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_UPI0001D2F47C	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_S6BMF0	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_H5XMG1	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_A0A024JD78	LPAVCCGRVCC	QEQVQEESSK	ILGKKDE	PPVTAI
UniRef90_B8FN70	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_M5S344	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_D5X6G7	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_Q03460	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_E4XDZ6	LGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_F8N6R4	LPAVCCGRVCC	QEKQEESSK	IHLKMG	EPVAI
UniRef90_C1MQ07	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_R7CVG4	LPAVCCGRVCC	QEKQEESSK	IHLKMG	EPVAI
UniRef90_C3XUM8	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_G4VS94	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_UPI000161DB5F	LPAVCCGRVCC	QEKQEESSK	IHLKMG	EPVAI
UniRef90_R5KIE2	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_R4X6A4	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_E3FJ15	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_A4BY15	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_D7DP86	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_F0XTM1	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_H9UKA0	FPEYTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_R5TWC2	LPAVCCGRVCC	QEKQEESSK	IHLKMG	EPVAI
UniRef90_V5BTP7	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_S6B908	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_U6I008	NGLLTTCCGMVVCC	PTSSDDLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_UPI00036C7D92	LPEVCCGRVCC	QDRRLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_J3AUS1	LPAVCCGRVCC	QEKQEESSK	IHLKMG	EPVAI
UniRef90_R6FSW5	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_UPI0003B673BA	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_D9X0X6	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_A7BR92	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_C3X4S6	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_G3D514	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_UPI0003A94006	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_L8MZN7	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_I4VL88	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_UPI00046F8E9F	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_U1JXV5	LPEVCCGRVCC	QDRRLCCVVG	GGNLLYATSEEE	GGSPINNI
UniRef90_W8WSP5	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_UPI0004701CB5	LPAVCCGRVCC	QETQEESSK	ILGRRR	GDQV
UniRef90_UPI00046D7214	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_W4HL35	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_Q2CKB8	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
UniRef90_W3ADM7	FPEFTTGRVCC	PAAPVGGVLLG	ISNEEPAV	TKNKNI
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30

40

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

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

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

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Table with 4 columns: UniRef90 ID, Residue 90, Residue 100, Residue 110, and Residue 120. The table lists UniRef90 identifiers and their corresponding amino acid sequences at positions 90, 100, 110, and 120. The sequences are color-coded by residue type: yellow for hydrophobic, blue for hydrophilic, red for acidic, green for basic, and black for other residues.

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UniRef90_B1QYX8	G	V	L	H
UniRef90_D7GU10	K	N	A	V
UniRef90_S7VXF0	G	V	L	H
UniRef90_UPI0003616AFC	G	V	L	H
UniRef90_V6MQC0	G	N	V	H
UniRef90_W9BZ17	G	V	L	H
UniRef90_R4K9T3	K	N	P	R
UniRef90_UPI000418F236	G	I	P	F
UniRef90_R5EX13	G	I	P	F
UniRef90_U2W2V1	K	N	P	R
UniRef90_W7XUL7	G	I	P	F
UniRef90_V9X7T9	P	T	H	P
UniRef90_K6LBS8	G	H	S	I
UniRef90_B5GKN1	G	I	P	F
UniRef90_K5YPD2	G	I	P	F
UniRef90_U2F1F3	K	N	A	P
UniRef90_F3ZTL3	A	N	P	G
UniRef90_UPI0003788ED5	K	H	K	P
UniRef90_J7S624	G	T	P	F
UniRef90_S6GFH8	G	N	P	F
UniRef90_U1LTS1	G	V	L	H
UniRef90_N2A5W4	K	N	A	Q
UniRef90_R5AGW2	K	H	K	P
UniRef90_UPI000375CF5E	G	T	P	F
UniRef90_UPI00035E29DB	G	V	L	H
UniRef90_UPI00047C9315	G	I	P	F
UniRef90_F2JNM6	G	V	L	H
UniRef90_M7NMF9	A	V	P	F
UniRef90_V71M18	G	V	L	H
UniRef90_R7BS65	K	N	A	Q
UniRef90_BOTEJ0	K	K	P	R
UniRef90_A1VBH3	K	K	P	R
UniRef90_D9WFG9	G	I	P	F
UniRef90_UPI00036A3786	K	N	E	P
UniRef90_A1STN2	G	V	L	H
UniRef90_B5IEA7	P	F	A	P
UniRef90_B6WWD8	K	K	P	R
UniRef90_Q2PYF8	G	I	P	F
UniRef90_E5YJ3	K	N	P	R
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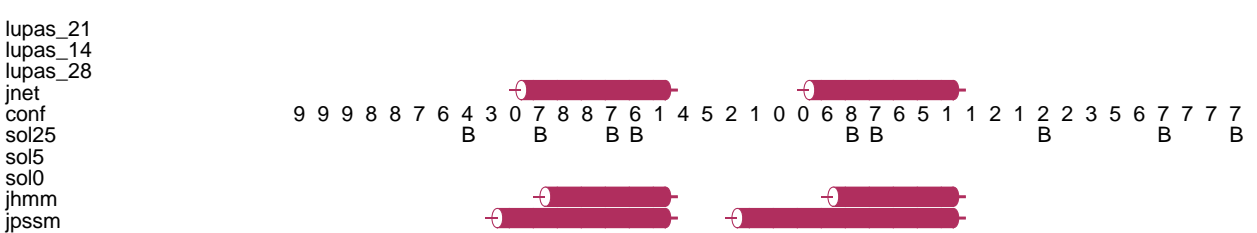
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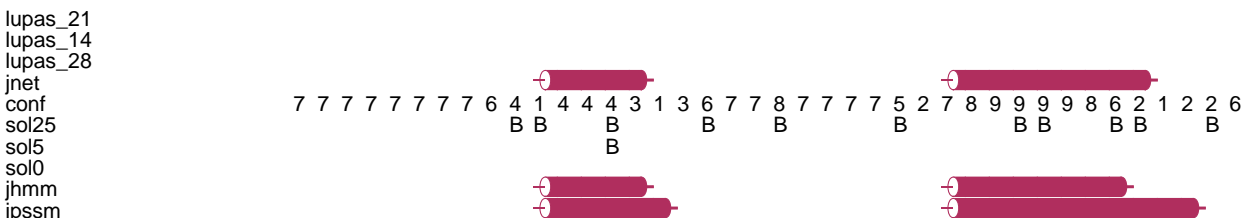
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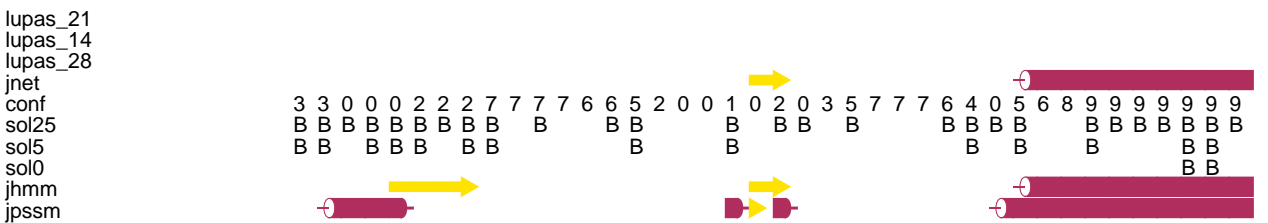


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B		B	B	B		B		B	B	B	B		B	B	B	B	B	B	B				B	B	B	B	B	B	B	B	B	B	B	
				B				B		B			B		B									B			B							
						B																			B			B						

	130	140	150	160
UniRef90_E6QST5	F P S V M G R V	C P A	N R N E V E	D F S V G I N S V E H F L G D
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