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90 100 110 120

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

QUERY	170	180	190	200	
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UniRef90_B0C0V8 L T H E M I A P L I G Q M D Q R A W Q L L E G V M P V G A L L R R N L G S L T A L G G
UniRef90_W2T4P4 L V R E H I P T D M L N S V P I W Q A L L A K M P L T A M I R R N L G K M Q S I G E
UniRef90_K1QRQ0 L T R E H V P T D L L K S K E L W K A L L I K F M P L T A M I R R N L G K M S Q L E
UniRef90_UPI000347F30A L T H E M A A P V G Q M T V K A W T L L E S M P L I G A L L R R N L G S L T E L G G
UniRef90_L8MVN6 L T H E M A A P L I G Q M D V R A W Q L L F N E M P L I G A L L R R N L G S L T E L G G
UniRef90_U6P558 L V R E H I P T T E M L N S V P I W Q A L L K E M P L T A M I R R N L G K M Q S I G
UniRef90_UPI0003F067C9 S T L E F V T T T L Q I W K A L L Q E M P L T A L L R R N L G R M T S I G
UniRef90_E2MXQ9 L S W E M L P D A A L G E P E V W D A L L E F V P Q T A V I R Q L P R L T R L G
UniRef90_S9Y7M3 L V R E H L L T S H L K S G E
UniRef90_B5LJ7 I T W E M I P D R W I N H A E V W E T L I N R L P L G A M I R R Q L P R I T R L G
UniRef90_Q852Y5 I T W E M V P D Q F L N Q A E V W E A L L Q Q V P Q T A L M R Q L P R L T R L G
UniRef90_K9S919 L T H E M A P V G Q M N T E A W Q L L F Q D M P L G A L L R R N L A S L T E L E
UniRef90_H6MU78 L S W M L P D E S L N D A K V W E A L L D N P P N A L M R Q L P R L T R M G
UniRef90_G0N912 L V R E H L P T S S L N S K L V W E T L Y D R M P L T A M I R R N L A K M T V V D
UniRef90_A8X8S9 L V R E H L P T S S L N S K L V W E T L F D P M P L T A M I R R N L G K M T V V G
UniRef90_I7FFJ8 L S W E M L P D A A L A Q P A V W E A L I D R M P Q T A L M R Q L P R L T R L G
UniRef90_UPI000372E670 L T R E M I P T E H Q K S A A V W E A L L E K M P L T A M I R R N L G R M G A C D
UniRef90_B8IKH3 L P W E A F P D K A L T Q P V I W E A L I E H L P Q T A L M R Q L S R L T R L G G
UniRef90_K1QEZ4 L A R E H V P T D L L K S R V V W E A L M R H M P L T A M I R R N L G R K M S E L G
UniRef90_A8J6R1 F G H E H V G T V L L R N P A V W G A F L E N M P L T A M I R R N L G R M S E L G G
UniRef90_I0PCF9 L P W E A F P D K A L T Q P V I W E A L I E H L P Q T A L M R Q L S R L T R L G G
UniRef90_UPI00040A2F67 L S W E M L P D S A L A D P A V W E A L L D R M P Q T A L L R R N L P R L T R L G G
UniRef90_A8HZE9 F G H E H V G T V L L R N P A V W G A F L E N M P L T A M I R R N L G R M S E L G G
UniRef90_I6X2L4 L A W E M L P D A A L R E P E V W E A L L D G N I P Q T A L M R Q L P R L T R L G G
UniRef90_U5E517 L S W E M L P D A A L S A P E V W E A L L D N I P Q T A L L R R N L P R L T R L G G
UniRef90_E5XS43 L S W E M L P D A A L N E A S V W E A L I Q G V P Q T A L M R Q L P R L T R L G G
UniRef90_D5UE31 L S W E M L P D A A L G E V A V W D A L L D G V P Q T A L M R Q L P R L T R L G G
UniRef90_T1IM51 F H F H V P S H F I K S K E V W T T L V S L V P V N V L L Q Y L P K L C Q F G
UniRef90_H3E0T8 L V R E H I P T E K L N S V I E V W E A L V Q K M P L T A M I R R N L A K M Q T I G G
UniRef90_K1R051 I P R E V V P S E M L N Y K N V W K A L L R Q M P F T A L I R R N L G K M S N L G
UniRef90_UPI00021A6C5F L T L D H V P G H H L K S K E I W N A L I P S M N L V M L L T N L Q R K H N L K
UniRef90_F2UQA4 L V R E H I P T R F L S C K R V W L A M L P G M P F T A L V R R N L A T M S R I G
UniRef90_Q9RUW8 L P L E A V P T H V R G A E V Y R A A M Q T N G L T W L L R R N L G N L Q N V G
UniRef90_H3DU13 L T W E Q V P S K H L N S K E V W K A I V E R M P L A M I R R N L A K M Q N V G
UniRef90_W4Y8C5 L P E H L P T K S L K S K D V W K A L V P H L S V Q S L L D N I V R L A S M G G
UniRef90_R7THM6 L S F E H I P T W M R N S A E V W R S L L L H M P L Q E L L S L G K L S R V G G
UniRef90_D8THD5 F G H E H V G T A L L R A P E L W A A F L E G M P L T A L V R N L G R M T Q M G
UniRef90_E8U8B6 L P I E A I P T P A R G P R V Y R A A M R T N G L T W L M R N L G N L S R V G G
UniRef90_V3ZZG3 L K Q E H I P T K L Q K S V I E V W Q A L I P N L T I K E L L R N L V K L A S L V G G
UniRef90_UPI000372C642 L P I E A V P T H V R G A E V Y R T A L E T N G L T W L R N L G N L A S L V G G
UniRef90_E2AY68 Y S L E H V P G H H L K S R K V W S A L I P S M D T I T L L N N L Q R I S N L G
UniRef90_A0A026WDP8 L S L E H V P G H H L K C K K I W L E L I S M M D M V M L L R R Q R I N N L R
UniRef90_F7AHS5 L T W G H I P C H L R N N A E V W K C L I S K L G M A A L I R R N L P R F H H I G
UniRef90_D2B8V5 V P W E F L P D A M L T E P S V W D A L V D T V G M T A L L R R N L A R M T R I G
UniRef90_E2BBQ4 L S L D H V P G H H L T S K E V W N A L I S S M D V T L L N N L Q R R I H N L E G
UniRef90_F4W676 F S L D H V P G H H L K S K E V W N S L I S S M D V V L L N N L Q R R I H N L G
UniRef90_UPI00036DD3FC L P I E A V P T P L R G V I E T Y R A A L D T N G L T W L L R N L G N L S R V D
UniRef90_W4L6X4 L P R E A V P A H W L A K P Q T W E A F A R R
UniRef90_E0VGE6 F T L D H V P H H L L K S K E V W G A L I P S M N L P V L L K N L E R I G T L G
UniRef90_H9KM82 L T L D H V P G H H L K S K E V W N A L I P S M N L I L L L T N L Q R I H N L K

QUERY	290	300	310	320
UniRef90_H9GDQ6	V L E P G S S E V V S S V C E R L T N E K L L K K A R I H P F H I L V A L L E T Y K			
UniRef90_F6ZHD4	V L E P G S S E V V S S V C E R L T N E K L L K K A R I H P F H I L V A L L E T Y K			
UniRef90_M3XKV2	V L V P G S S P E V A M V C E R L T N E K L L K K A R I H P F H I L V A L L E T Y K			
UniRef90_W5MKQ0	V L E L G S S S E V T L V C E R L T N E K L L K K A R I H P F N V L V A L L E T Y N			
UniRef90_I1FTC4	L L A P R G S D H L K N V C E R L T N E K L L K K A R I H P F N I L L A L L E T Y A			
UniRef90_UPI00032B0CBA	V L G P R G S S E V S V C E R L T N E K L L K K A R I H P F H I L V A L L E T Y K			
UniRef90_U3JJT1	V L E P L G S D E V A G K V C E R L T N E K L L K K A R I H P F N V L V A L L E T Y K			
UniRef90_A7RN19	V L E P L G S D E V A G K V C E R L T N E K L L K K A R I H P F N V L V A L L E T Y K			
UniRef90_V9KCF7	I L L G S E E V A I A S E R L T N E K L L K K A R I H P F D L L V A L L E T Y K			
UniRef90_C3ZG25	L L A P L N D Q S Q L V C E R L T T D E E Q L K K A H V H P L H M L T A L L K Q Y E			
UniRef90_A7C186	L F K P M S A A V R V I E Q K L T S D Q T A L T K A R I H P L A T L S A L K T Y E			
UniRef90_B9XDQ9	L L K P M S A A A K L V V A K L T S D Q T A L T K A R I H P M A V L J A E K I Y A			
UniRef90_UPI0002FEDCA8	V L R A D S K N L D R V E S I L N S R D H L R K G R I H P I D I L K A L K T Y K			
UniRef90_H2THV8	I F E P G C L E T Q A V C G D R I Q Q E E A T V L K K A K T H P F S L T L S A L K T Y K			
UniRef90_F1QQM0	V L I P G S P E D T A A V V C G R I L Q Q E E A T V L K K A K T H P F N I L S A S E N Y K			
UniRef90_L7VR73	V L A Q G S E A T R L V V S R L H D E V T R L A K A R I H P L S V L V A L N T Y R			
UniRef90_A0A017T8W8	L L V P G S A A C R K V C Q R L V D K D R L K K A R I H P V V A L L S A L K V I Y E			
UniRef90_M3ZRK4	L L E P R S A E T K T I C E R L Q N D E S S L R K A R I H P F S I L L S A S E N Y K			
UniRef90_W5XAD0	L L T P K S E A T K T V K M R L Q N D A E S I P R A R I H P M A L L F A L R T Y A			
UniRef90_W5K3J8	V L M P G S P E V A A V C E R I Q D E Q A L T K A K T H P F S V L V A S E N Y K			
UniRef90_A9G3H5	L L S P M S D A A R V V A R Q L T D A G R L R A A R I H P I A V L S A L K V I Y E			
UniRef90_I3KQJ2	V L E P G S S E T Q F L C A D R I Q S E T A L K Q A K I H P F S I L L A T E N Y K			
UniRef90_K9XV42	V L R A D S S E T D R L E A V L N N K N H L R R G R I H P I D I L K A L K T Y K			
UniRef90_F8L6Y8	L L Q E L S K A E D F V I E K L T N S R E L L K K G R T H P L T I L T A L K M T Y T			
UniRef90_UPI00034584C8	V L R D D K A N L K R V E S M L N S K E H L H K G R I H P I D V L K A L K T Y Q			
UniRef90_U7QS03	I L L T S K E K N I K R V A Q V L N N R E H L K K G R I H P I D V L K A L K T Y Q			
UniRef90_W5UAF6	I L L G L G S A E T A A V C A C E R I Q N D E H A L L K A K T H P L S V L L A A E N Y K			
UniRef90_K9UPF8	I L L K S N K N L N R V A A I L N S K E H L C K G R I H P I D V L K A L K T Y R			
UniRef90_E5SPR6	L L I P G S E A T N L V V E R L N D T E A L R A A R V H P M A L L L A Y V N Y K			
UniRef90_H3AGT5	T L L Q			
UniRef90_A9VD91	L F E E A H N L E A M V Q L I T S E E V L R R K G R V H P L A V L S A R K V I Y S			
UniRef90_UPI00047AFD4D	L L A P M S E T L D A V T G Q L T D S T R L R K A R I H P V N D V L V A A R K T Y A			
UniRef90_L8LM85	V L R T E E Q N L N R V K S V L N N P E H L R K A R I H P I D V L K A L K T Y K			
UniRef90_V8NNU3				
UniRef90_UPI0003497E55	V L G T N R S K N L D R V L E T V L N S A T H L R R K A R I H P I D V L K A L K T Y Q			
UniRef90_K9EYR9	V L T N R S K N L D R V L E T V L N S A T H L R R K A R I H P I D V L K A L K T Y Q			
UniRef90_T2JC44	V L T N R S K N L D R V L E T V L N S A T H L R R K A R I H P I D V L K A L K T Y Q			
UniRef90_A6G1X4	V L A P H S E A S G L V R A R L G D A N R L R K K A R I H P I D V L K A L K T Y Q			
UniRef90_K9PYE9	V L R A H S N K Q L K Y V A S V L N D A R N R L R K K A R I H P I D V L K A L K T Y Q			
UniRef90_H2M5K6	V L E P G S S T T Q S L C E R I R D E A A L K K A K I H P F S I L L A T E N Y K			
UniRef90_J0MWE3	M L P A I G K R T R E V A Q L T D A D R L R R K A R I H P V I S V L V A Q R T Y A			
UniRef90_B0C0V8	V L G A H S G K N L K R V A A M L T N K Q R L R K A R I H P I D V L K A L K T Y A			
UniRef90_W2T4P4	A L T N E H R D A V V S K L T N E S E L K R A K I H P I Q V L L A K T V I Y Q			
UniRef90_K1QRQ0	L L E P G S F E E N L T I S K L T N S P E M L T R A R I H P F T L L V A L N Q Y K			
UniRef90_UPI000347F30A	V L S P A N Q A L K R V A Q V L T N S D H L R R G R I H P I D V L K A L K T Y R			
UniRef90_L8MVN6	V L T A K N K A L K H V A N V L N N R D R L K K G R I H P I D V L K A L K T Y Q			
UniRef90_U6P558	V L T D K Y R D M V V T K L T N S N E T E L K Q A K I H P I D V L L A K K V I Y E			
UniRef90_UPI0003F067C9	V L N E P S D L N L V I E K L I S N D E L L H K S R I H P F N V L L A L R T Y D			
UniRef90_E2MXQ9	L L P G L G G R T S D V V S Q L T N A E R L R N A R I H P V S V L A A Q R T Y A			
UniRef90_S9Y7M3				
UniRef90_B5LJJ7	L A T G A T G R T L A A Q L Q D A E R L R K K A R I H P L Q L L V A Q K T Y E			
UniRef90_Q852Y5	L T T G A T G R A I V E Q L T D A E R L R K K A R I H P I N V L V A Q R T Y E			
UniRef90_K9S919	V L A P R H K N L R H L A Q V L T S R D R L R K K A R I H P I D V L K A L K T Y A			
UniRef90_H6MU78	L L A P A T G G R T P E V A A L L A D P D R L R K K G R V H P L A V L V A Q R T Y A			
UniRef90_G0N912	A L D E K R V D D I V K R L T N Q D E L R R A R I H P L N L L T A R A V I Y A			
UniRef90_A8X8S9	A L D D N R V G K S I V S R L T D Q D E L R R A R I H P L T L L T A R S V I Y A			
UniRef90_I7FFJ8	V L S D A G V G D T V A E Q L A D R D R L V K A R I H P V N V L V A Q R T Y A			
UniRef90_UPI000372E670	L L A P F S D A A K L V T N R L G D R E L L R K A R V H P I D V L K A L L V I Y Q			
UniRef90_B8IKH3	V L A P F S A G T A R V V A A L Q S D R E L L K A R I H P M A L L V A L K T Y A			
UniRef90_K1QEZ4	L L E S D S F G E S L A E E K L S K D R L L K S A R I H P F T L L V A H K A Y S			
UniRef90_A8J6R1	L L V Q P S Y Q K R V T D R L R D A K A L T A A R V H P M T L L D A M C T Y A			
UniRef90_I0PCF9	V L N G Q L G S R V A A Q L Q D S D R L R Q S A R V H P I N V L V A Q R T Y A			
UniRef90_UPI00040A2F67	V L P A L G G R T A E V A A R L A D S D R L R S A R V H P V N V L V A Q R T Y A			
UniRef90_A8HZE9	V L E Q P G Y Q Q R V T D R L R D A K A L T A A R V H P M T L L D A M C T Y A			
UniRef90_I6X2L4	L L D D L S A R T E Q V C A Q L T D P D R L R R A R V H P V N V L V A G R T Y A			
UniRef90_U5E517	L L D P L G S R T A A I C A Q L T D A D R L R K A R V H P V A V L V A L R T Y A			
UniRef90_E5XS43	V L G S S G V L G A V A A Q L A D P Q R L R R K A R V H P V N V L V A A R T Y A			
UniRef90_D5UE31	M L P D L G G R T D E V A Q L V D P G R L R S A R V H P V N V L V A Q R T Y A			
UniRef90_T1IM51	Y L R L N G R L V L V I E Q L N S E T A N P R A K L H P V D V Y L A M K T Y E			
UniRef90_H3E0T8	L L A G E N V V K V A N E V K D K E A L K K A R V H P I Q L L L A K T V I Y E			
UniRef90_K1R051	V F E R G S F E E N L T I Q K L T N P E S I Q N S K V H P F T L L V A L T Q Y R			
UniRef90_UPI00021A6C5F	L L K P N S P T V S K I I D Q I T N E E N A R D K V H P A L V L V T I R D Y E			
UniRef90_F2UQA4	L F P T P P E D E D			
UniRef90_Q9RUW8	V L T P D S A T V A H V I A E R L T D P A A L K K A R I H P L D A L L K A R L V I Y A			
UniRef90_H3DU13	L F K K E G D K I A H V I A E R L L A N I E A L L E S H V H P I Q I L L K A R L V I Y D			
UniRef90_W4Y8C5	L F K P K S P E V D V I C R R L L Q T P S A L L E S H V H P F S V L M A Q R V I Y E			
UniRef90_R7THM6	I L T D T N S M A P T V I E R L L K S D I T E E S N L H P F A I L A A Q K A Y E			
UniRef90_D8THD5	L M E R P D C L E A V I T R R L R D G R A L A A A R V H P M T L L E A M C T Y A			
UniRef90_E8U8B6	V L T P D T A T L G E V V A R L T D P A A L A R K G R V H P I D A L L K A R L V I Y A			
UniRef90_V3ZZG1	I L K S D N Y L P D I L D R L T N E Q V L K D S G V I S P M K V L T A L R N Y E			
UniRef90_UPI000372C642	L L V P G Q W D V S R V E R V T N G E G L R K G R I H P V D V L K A L L V I Y R			
UniRef90_E2AY68	L L E S D E L A I E N V I D Q L T N A E L I A Q S K I H P A L I F I T L K N Y K			
UniRef90_A0A026WDP8	L L K P N V A A E K V I E L L R N E E L I A R D K V H P V E L L I A L I N Y A			
UniRef90_F7AHS5	V L V N G N I W T K Q I L Q R L F N D D S I E Q S E L H P Y S F L L H H I Y I Y A			
UniRef90_D2B8V5	T L G P M S D A T R R A V A R L T D A D A L A K A R V H P M D V F L A L R V I Y G			
UniRef90_E2BBQ4	I L K P D A P A V A M I T E R L V N E E R L A R D K V H P A L V L I T I R N Y E			
UniRef90_F4W676	F L V I D E P A V E K V I T E R L V N S Q Y V E K S A I H P A L I F I T I R N Y Q			
UniRef90_UPI00036DD3FC	V L S A N N D V V A Q V I E R L T D A Q A L K R G R I H P L D A L L K A R L V I Y A			
UniRef90_W4L6X4				
UniRef90_E0VGE6	F L K P N S V L V N K I I D A I K D E N A I A E S H L H P A H V F V A L Q N Y E			
UniRef90_H9KM82	I L K P S S P T V S K I I D Q I T N E E N I A R D K V H P A L V L V T I R D Y E			

		330	340
QUERY	K G H	L R W I P	D T S I V E A L D N A F Y K S F K L
UniRef90_H9GDQ6	R G K	L R W Q P	D K D I L E A L D A S F Y K T F F K
UniRef90_F6ZHD4	R G K	L N W Q P	D K D I L E A L D A A F Y K T F F Q
UniRef90_M3XKV2	Q G K	L N W I P	D K D V L E A L D N A F Y K T F F K
UniRef90_W5MKQ0	R G K	L K W E P	N K D I L Q A L D S A F Y K S F F K
UniRef90_I1FTC4	R G K	L K W D V	D K N I T S A L N E A F Y L S F F K F
UniRef90_UPI00032B0CBA	R G K	L K W H P	D E E I L K A L D T A F Y K T F F K
UniRef90_U3JJT1	R G K	L W W R P	D E E I L E A L D A S F Y K A F F K
UniRef90_A7RN19	K G K	L K W E P	N A A V V S A L D A A F Y L S F F K
UniRef90_V9KCF7	R G K	L K W V P	D P D I L A A L D V A F Y K T F F K
UniRef90_C3ZG25	R G K	Q K W V P	D P Q I M E A L N T A F Y N S F F K
UniRef90_A7C186	R G K	H T W Q P	V Q S I V D A L D E A F Y L S F F Q
UniRef90_B9XDQ9	K G S	L S W S P	V Q P I I D A L D E A F Y A T F
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UniRef90_A6G1X4	R G K	L S W K P	V S A V V D S L D A A F Y T C F D
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Sequence alignment grid with UniRef90 identifiers on the left and amino acid sequences. Columns are grouped by the header numbers 90, 100, 110, and 120. Various amino acids are highlighted with yellow boxes.

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UniRef90_M3ABS4 MT WE A L A G W L Q G D R A A W E A V I P S M G T M A L V R N L R N F D E A G
UniRef90_A9DKB7 E A V K A T W E T L I K K V G Y M A I M R N L R N I L Q A D
UniRef90_UPI0004663A7D L T W E A V A G W L Q M D K A A W E A V I P S M G P M A L V R N L R N F D E A A
UniRef90_S5XZD0 L T P S Q W A E V A R N G S W Q M L R Q G L N M L E R K G
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UniRef90_UPI000346699A MT WE N A L S M A G D K A R L W E A L I P S M G Y M A L L R N L R N F D E A G
UniRef90_W5TVX7 MT WE S V A G W L Q M D A Q V W E A L I P S M G Y M A K L R N L R N L D R A G
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UniRef90_L7ESU0 MT WE A L A G W L Q M D A A W E A V I P S M G A M A I V R N L R N F D E A G
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UniRef90_UPI0003C74671 L T W E A L A G W L P L D A A V W E A V I P A M G P M A L L R N L R N F D E A G
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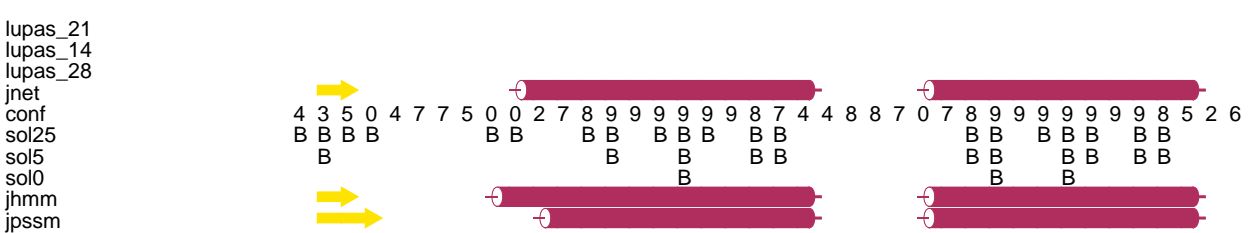
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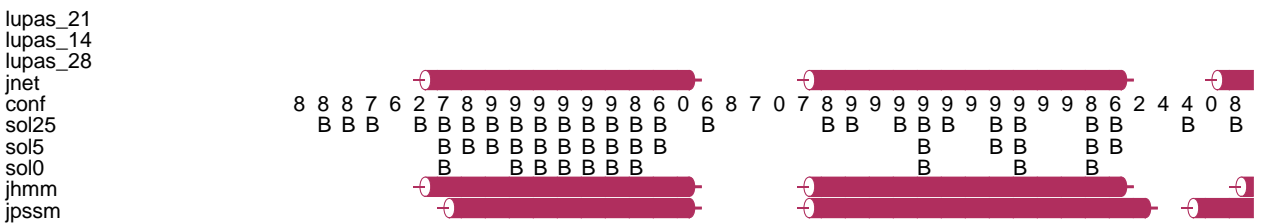
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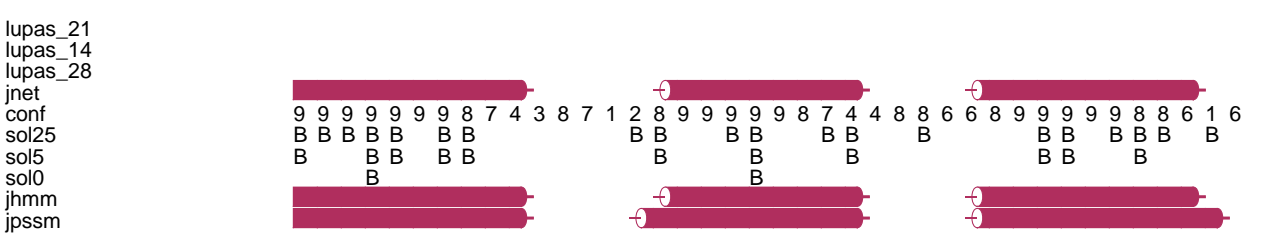
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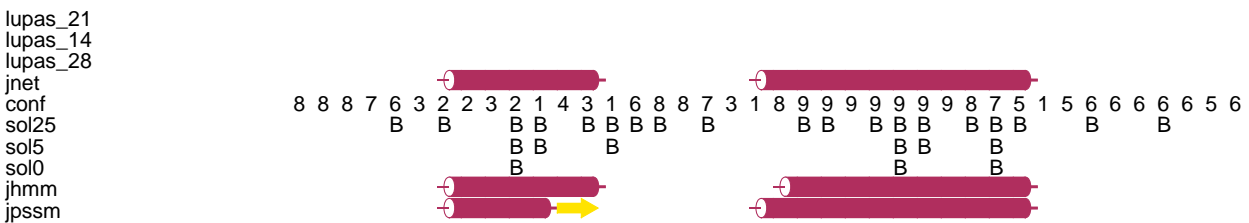
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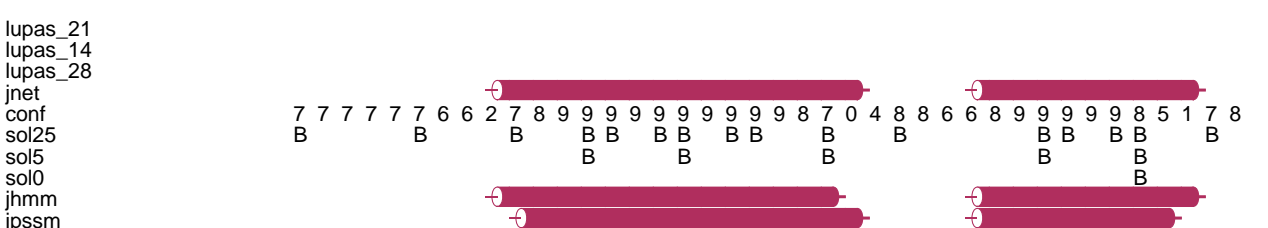
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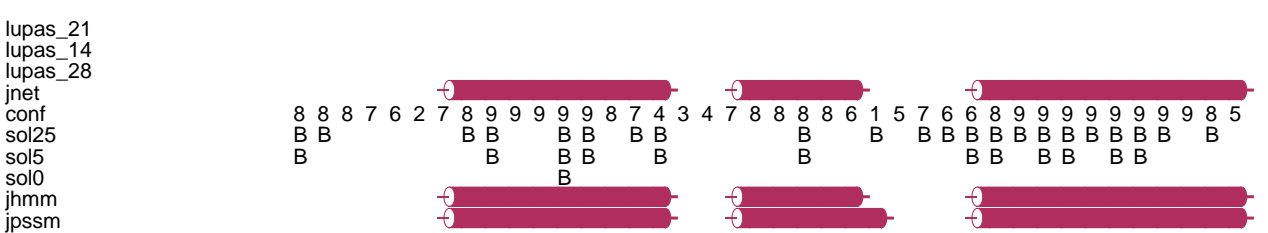
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