

QUERY 1 10 20 30 40
UniRef90_H3AFG4 S M K L P E E I T A A A V G F F I L S S K R L L R T R T K G G L V S N S D E R Q Q Q L L Q R L Q V F C H Y L L Q Q E A L L T A K A
UniRef90_H3BHQ9 S M K T E I S S A A V V G F F I L S S K R L L R T R T T T G T M N E R A E R Q Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_V9KQU0 S M K L E I S S A A V V G F F I L S S K R L L R T R T T T G T M N E R A E R Q Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_K7F6D6 S M L R E I S A A A V A F F I L S S K R L L R T R T K T T G L S L R E A E R Q Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_Q6PBE6 M M T E I S T A A A A F F I L S S K R L L R T R T K T T G L S L R E A E R Q Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_Q6P7M4 N M K P E I S M A A V S F F I L S S K R L L R T R T K T T G L S L R E A E R Q Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_G7MQM2 M L G E I V A A A V S F F I L S S K R L L R T R T K T T G L S L R E A E R Q Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_COH712 M K T E I V S T A A A N F F I L S S R L L R T R T N G G L L R S S E E R Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_UPI00038BCAFE M L G E I V S T A A A V E F F I L S S R L L R T R T N G G L L R S S E E R Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_W5N011 D M L P E I L S A A A E F F V L T S L L R T R T R G G F L H P E P R Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_UPI0004571DFA M K S E I T A A A A G F F L A R L L R T R T R G G F L H P E P R Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_B5X3M5 M P E I V T A A A T F F L A R L L R T R T R G G F L H P E P R Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_H9H6V2 M R A E V A S A A G F F I T R L L R G S P G G F A E E Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_Q640A4 D T L P E I V A A A V N F L S S L L R Q S R G R N L L A N D S R Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_F0JA45 M R L E I V S A S D F L M N L L R L L R L H N N L L T S E S K Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_R4UKA0 M R L E I H S A A S F L V H L L R L H N N L L T S E S K Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_UPI00032B1550 M R D E L A T T V F F L T K L V K H K H D K L T S E S K Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_UPI0003C89A33 M A A M S F L S K F L H K K G L T S E S K Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_T1IN19 M H I E V Q V A L N F V I S Y L Y N K L P S R R R R Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_UPI0002C3052B T V I G K M A A N E A F L S K F L R I K G L T S P R R R R Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
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UniRef90_B5TRS0 M K N E V K S A V D F L A N L R T S K H V S E R Q Q V V H F K E E N L Q N L L S R R
UniRef90_A0A023GGF2 M Q V E I Q V A L N F L V S F L Y N K L L P R R R R A V D Q F A E E E L D R L L R R
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UniRef90_U5ERB9 M R L E I N S A A D F L M N L L R V K N P L S E S Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_UPI00038ECCE1 M R D E I A A A V F F V I T R L V K K H E K L P N K W Q V I N D F A E E K L E K L L F
UniRef90_Q28I92 M Q L E I K V A L N F I I S Y L Y N K L P R R R R A V D Q F A E E E L D R L L R R
UniRef90_E1C802 M K D E I A A T V F F I T R L I K R E D K L S R K H K V I E R F A S A K L T T T L L F
UniRef90_H9GBP0 M K D E I A V T V F F I M R L V K K H N K L S R K Q Q V I E V F A S A K L M T V L V
UniRef90_F7FKK2 M K D E I A T T I V F F I T R L V K K S D K L S R K Q Q V I E V F A S A K L M T V L V
UniRef90_UPI0004418F2F M K D E I A A T V F F I T R L A K K H N Q L N R R Q Q M E R F A S A L T T T L L F
UniRef90_O01675 M Q V E I Q V A L N F L V S Y L Y N K L P R R R R A V D Q F A E E E L D R L L R R
UniRef90_UPI0003F13FFF M R D E I A T T V F F I K R L A K K H E K L S K Q Q V I N Q M F A E A E K L M I L L F
UniRef90_E9FYG9 M R V E I V T S A A N F L V R L L R L N A G T V S S D E Q Q L L Q R L Q H F C H Y L L Q Q E A L L T A K A
UniRef90_B5FX61 M R T E I S T A A A V F I T R L R A A G G V L S G S E Q Q I E R C F R E C L Q E A M R F
UniRef90_C1C4D9 M K E E I A A T V V F I T M L V K K H R K L S K E Q Q I E R C F R E C L Q E A M R F
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UniRef90_W5KJ23 M K E E I A A T V F F V V R L A K K H G R L D R S K Q K T E K L A T K L T T L F
UniRef90_H3BHS6 M R E E I A V T V F F I M R L V K K H E K L V L D R S K Q K T E K L A T K L T T L F
UniRef90_B4NVF8 M H I E I Q V A L N F V I S Y L Y N K L P R R R R V N I F G E E L E K A L F
UniRef90_U3JUD8 M K D E I A A A V F F I T K L V K R E G K I T D D E I E K F A E K L T T T L F
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UniRef90_UPI000395D622 M R D E I A A T V F F I T K L V K K E E K L S E S H E I D D R F S E E V K R L Y
UniRef90_QOVFP9 M K N E I A A V V F F L S K L I R K N E K I P R K E E V D D R F S E E V K R L Y
UniRef90_R7TUR9 M H V E I S V A L N F V I S Y L Y N K L P R R R R V D M F G E E V K R L Y
UniRef90_K1Q750 M R E E I G A A V L F I T R L I R Q S G S V S S E K V V E F S N S L S A T L N
UniRef90_T1IW76 M K D E I A A A V I F I S R L I G K N E N L N S E Q L E E F K A R L A V L L C
UniRef90_U3K7Y2 M R D E I A A A V F F V T R L A K K H E K L S T Q Q I E T F A L K L M T V L F
UniRef90_Q5M7A6 M R D E I A T A V F F V T R L A K K H E K L S T Q Q I E T F A L K L M T V L F
UniRef90_UPI0004402E06 M K K E V K S A V D F L T N I L R S R N V D R V Q T H F F N T K L Q N L L H
UniRef90_T1UN12 M K K E V K S A V D F L T N I L R S R N V D R V Q T H F F N T K L Q N L L H
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UniRef90_R4WD94 S M K E E V E T G A R F I A R L V N R H K K L D H G E Q L E H F K D R L S Q L L T
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UniRef90_UPI0003595DCE M H V E I S V A L N F V I S Y L Y N K L P R R R R V N I F G E E L E V L K
UniRef90_H2TA22 M K E E I S A A A V F V A R L V K R Y G C L D N E G R E R F A A E L T S V L F
UniRef90_V4A1K2 M K D E I T S A A E F L T G L L K S S K V S K E T V E K F H N I L V I Q I L C
UniRef90_UPI0003C26857 M R E E V E T G A W F L S R L V N R K R I T E R K K N C T F P E V P Q E L L A
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UniRef90_UPI0003C1858C M K D E V G A G V D F I L R L I Q R N E A L D K K V E T F G K E L T S L C
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UniRef90_W4YXL0 S M K S E V Q A V D F L L T S H L Y N K L P R R R R V N I F G E E L E K A L Y
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UniRef90_W4YU90 M K D E I A A A V F F L T R I V K R N T S L T A E Q M S K F S E K L A L T L I
UniRef90_T1I237 M L D E I A A A V F F L T R I V K R N T S L T A E Q M S K F S E K L A L T L I
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UniRef90_UPI000457218C M K E E I A A T V V F I S S L V R K G G H V G S R K M G R F G G R L T K L L F
UniRef90_E5S861 M E A E V S A A V K F L T D L L H K R C M C V E A V R R F A L C L K K E A L L
UniRef90_E7F2Z6 M K R E V R A G V N F L T G L A V Q R G V D O I K A K L F A S K L Q E L L L
UniRef90_R7U945 M L D E V D S A V G F M A K I L S T N M N S D R M D T F K E M L Q V A M L
UniRef90_C3YMM2 M K D E I A Q A V V Y L T R L V R K S G N L N K D Q V D R F A D K L T A M V
UniRef90_A7SCK5 E I Q V S V N F L M N F L Y N K L P R R R R V D L F G E E L A M K L T
UniRef90_B7P7V7 M K D E V E A A V A F L T R V V G K N S R L E P G Q L D A L R A R L E A V L T
UniRef90_UPI0003BBB5D1 M R E E I Q A A V I F L V R L I G K S N T L V E E N L N K F K D N L E L L A
UniRef90_UPI000443D802 M K Q E I K A G V D F L K R M A V T R G D L D G A K A E L F A E N L Q K L L C
UniRef90_T1L4A5 M Q L E I Q V A L N F I I S Y L Y N K L P R R R R V N I F G E E L E R L L C
UniRef90_I3JWQ0 M Q L E I Q V A L N F I I S Y L Y N K L P R R R R V N I F G E E L E R L L C
UniRef90_E3TC36 M Q E E V K L G A S Y I V R L L N R H Q K L D S E Q V E R F T E T L T N L L C
UniRef90_Q4V840 M E Q E I E A G V N I T R F I L Q K S L I P N K Q S L E D F Q A N L L E C L R S
UniRef90_UPI0002B45176 M E Q E I E A G V N I T R F I L Q K S L I P N K Q S L E D F Q A N L L E C L R S
UniRef90_UPI00045757BC M R E E I V T G V N Y L K A L A C R F H R L D P M V V I E A F G E R I V E L L C
UniRef90_F6TJZ1 M R E E I V T G V N Y L K A L A C R F H R L D P M V V I E A F G E R I V E L L C

QUERY	50	60	70	80
UniRef90_H3AFG4	E H Y K H H W F P E K P P S K G G S G Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P L V S G Q Q A A S Q Q T G G L L	I I I I I I I I I I I I
UniRef90_H3BHQ9	E H Y K H H W F P Q M P P C C C C K K G S G Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P L I W K A A A N R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_V9KQU0	E H Y K H H W F P D R P P C C C C K K G S G Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P L I G Q A A A Q R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_K7F6D6	E H Y K H H W F P E K P P C C C C K K G S G Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P L I G G E A A A D R H I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_Q6PBE6	D H Y K H H W F P E Q N P F K K G S G A Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P L I G Q A A A Q Q T G T I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_Q6P7M4	D H Y K H H W F P E K P P C C C C K K G S G A Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P L I G G E A A A Q Q T G T I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_G7MQM2	E H Y K H H W F P E K P P C C C C K K G S G A Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P L I G G E A A A Q Q T G T I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_COH712	E H Y K H H W F P N A P S R K G S G A Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P V I G G E A A A A G T R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_UPI00038BCAFE	Q E H Y K H H W F P E E P R K G S G A Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P L I G G R A A A N R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_W5NO11	E H Y K Q H W F P D R P P Q Q K K G S G Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P L I S K A A A G R L I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_UPI0004571DFA	E H Y R H H W F P H M P P C C K K G S G Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P L I G R A A A A Q Q R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_B5X3M5	E H Y Q N H W F P D R P P Q Q K K G S G Y R R C C C C C	I I I I I I I I I I I I	R M N N H E M D P P L V G R A A A G E R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_H9H6V2	D H Y Q H H W F P R T P S R K G S G Y R R C C C C C	I I I I I I I I I I I I	R I I N H R L D P P L V G R A A A G E R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_Q640A4	E H Y M H H W F P D K P A K K G S G Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P V I S K A A A V C R A C G R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_F0JA45	H H Y K H H W F P E K P A K K G S G Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P V I S K A A A V C R A C G R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_R4UKA0	G R Y Q E H W F P E K P A R K G S G Y R R C C C C C	I I I I I I I I I I I I	R I I N G K M D P P V I A Q A A G T A V I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_UPI00032B1550	E T Y R S H W F A D C P A K K G S G Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P V I L E G Q A A A Q Q R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_UPI00038C9A33	E H Y K H H W F P E K P P C C K E S G Y R H C I I I I I I I I I I	I I I I I I I I I I I I	R I I N H K M D R L F E G Q A A A Q Q R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_T1IN19	Y K F E G H W Y P E K P F K G S G A F R C C C C C	I I I I I I I I I I I I	R V I G E P I D P V I L E Q Q A A A Q Q R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_UPI0002C3052B	E H X K H H W F P E K P C K G S G A F R C C C C C	I I I I I I I I I I I I	P I I N H K M D P P L I G Q A A A A Q Q R I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_T1KFN2	L K F E G H W Y P E K P Y K G S G A F R C C C C C	I I I I I I I I I I I I	I V K T T P P L F E I A A R R E S G S G M	I I I I I I I I I I I I
UniRef90_B5TRS0	S K F E N H W F P S K P N K G S G Y R R C C C C C	I I I I I I I I I I I I	R I I N H K M D P P L L L Q A A G H S C G L	I I I I I I I I I I I I
UniRef90_A0A023GGF2	R K F R G H W Y P E K P Y R G S G A F R C C C C C	I I I I I I I I I I I I	V K T S P P L V D P V I F E I A A R R E S S G V L	I I I I I I I I I I I I
UniRef90_UPI00032AEA30	R K Y E G H W Y P D K P L R G S G A F R C C C C C	I I I I I I I I I I I I	H I I G E V V D P P V I E L A A A K R R S S G L L	I I I I I I I I I I I I
UniRef90_U5ERB9	R K Y R S H W Y P S K P A K G S G F R C C C C C	I I I I I I I I I I I I	R I I N G K M D P P I I E K A A G V A V I I I I I I I I I I	I I I I I I I I I I I I
UniRef90_UPI00038ECCE1	E T Y R G H W F P T C P S K G S G A F R C C C C C	I I I I I I I I I I I I	I I N G H Q N D P I I L A R A A A E S S K V L	I I I I I I I I I I I I
UniRef90_Q28I92	N K Y E G H W Y P D R P Y K G S G A F R C C C C C	I I I I I I I I I I I I	H I V G E K V E P I I L Q Q A A A N E S S N V I	I I I I I I I I I I I I
UniRef90_E1C802	E K Y K N H W Y L D N P S R G Q A F R C C C C C	I I I I I I I I I I I I	R I I N S Q T R D P L L E Q Q A C V I E S S N V I	I I I I I I I I I I I I
UniRef90_H9GBP0	E K Y K N H W Y P D N P S K G Q A Y R C C C C C	I I I I I I I I I I I I	R I I N S P T D P L L V Y Q A C A E S S Y I	I I I I I I I I I I I I
UniRef90_F7FKK2	E T Y R M H W Y P D L P S K G Q A F R C C C C C	I I I I I I I I I I I I	R I I N Q K K D P P L L E Q R A C C A E S S N V I	I I I I I I I I I I I I
UniRef90_UPI0004418F2F	E R Y K N H W Y L D N P T R G Q G F R C C C C C	I I I I I I I I I I I I	R L N G S Q D P P L L E Q A C C I E S S V L	I I I I I I I I I I I I
UniRef90_O01675	A K F E G H W Y P E K P F K G S G A F R C C C C C	I I I I I I I I I I I I	R I I S T T L D P P V L E K A A D A S S G L	I I I I I I I I I I I I
UniRef90_UPI0003F13FFF	E T Y R N H W S D C P S K G Q A F R C C C C C	I I I I I I I I I I I I	R I I N Q N K D P P V L E R A C A E S S N V I	I I I I I I I I I I I I
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UniRef90_B5FX61	E H Y K H H W F P L V P S K G S G Y R C C C C C	I I I I I I I I I I I I	R I I N Q S K M D P P L I A G K A A E M I I I I I I I I I I	I I I I I I I I I I I I
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UniRef90_UPI0003EC4FDE	K H Y K H H W F P E K P C K K G S G Y R C C C C C	I I I I I I I I I I I I	R I I N H K M D P L I G Q A A A Q R I I I I I I I I I I	I I I I I I I I I I I I
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QUERY

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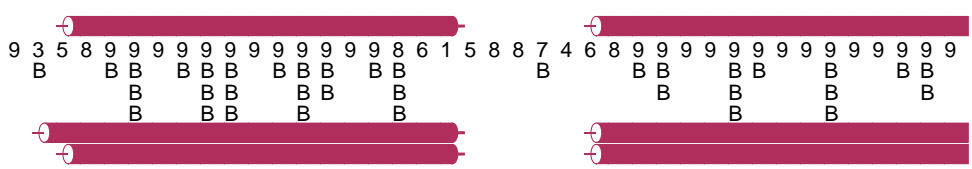
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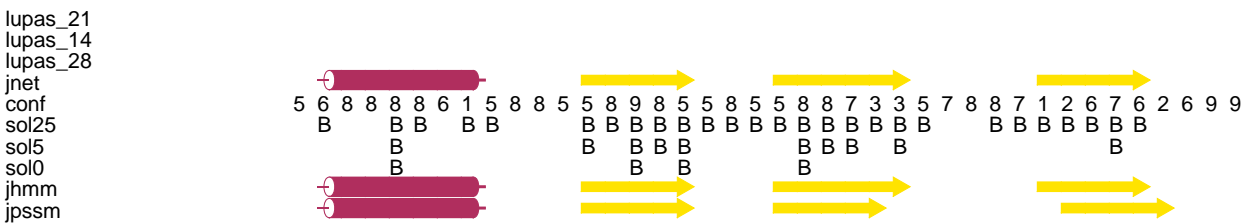
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