

QUERY	1	10	20	30	40
UniRef90_E3K699	K A	P K D Q R A T T T	P Y M T K Y E R A R I L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_R4X9X2	A	V K K E D R R Q T T T	P Y M T K Y E E K A R I L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_V9DIW9	K K I	P D E K R V T T T	P Y M T K Y E E K A R I L	G T R A L L Q Q I L	S M N N A P V P M V D L L
UniRef90_I1FIL1	A	P S E S E R T T T	P Y M T K Y E E K A R I L	G T R A L L Q Q I L	S M N N A P V M V D L L
UniRef90_A8Q970		A N S E R T T T	P Y M T K Y E E K A R I L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_Q0CUQ1	K K V	P N D Q R T T T	P Y M T K Y E E K A R I L	G G F I L T A	S M N N A P V V L V D L L
UniRef90_M1W9K0	K I	P K D E R T T T	P Y M T K F E E R A R I L	G T R A M Q Q I L	S M N N A P V V L V D L L
UniRef90_H2XVJ2	R Q I	E P T K R I T T	P Y L T K Y E E R A R I L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_R9AGG3	V	A N E D D R V T T T	P Y M T K Y E E R A R I L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_UPI000331542D		N R R I T T	P Y M T K Y E E R A R I L	G T R A L L Q Q I L	S M N N A P T M V D L L
UniRef90_B3S9T0	Q R Q D	P S K R R T T Q	P Y M T K Y E E R A R I L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_UPI000440813F	E R Q	P N K V R I T T T	P Y L T K Y E E R A R I L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_F4PBH1	I	P K D Q R M T T T	P Y M T K Y E E K A R I L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_C1EBJ1		E R T T T	P Y M T K Y E E R A R I L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_M7SHN9	K K I	P N E E R S T T T	P Y M T K Y E E R A R I L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_A0A024G6E3	R K	P N A Q R V T T T	K Y M T K F E E R A R I L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_S3DG95		E N R T T T	P Y M T K Y E E R A R I L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_G7DSQ7	T A N S E R	I T T T	P Y M T K Y E E K A R V L L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_UPI0002C3DCAC	K E I	K G N D R T T T	K F M T K Y E E K A R V L L	G T R A L L Q Q I L	S M N N A P V V F V D L L
UniRef90_D8U9I0		R R T T	R Y M T K Y E E K A R V L L	G T R A L L Q Q I L	S M N N A P V V M V D L L
UniRef90_C5L3X6		R R T S	P Y M T K Y E E R A R I L	G T R A L L Q Q I L	S M N N A P V V M V D L L
UniRef90_F0ZB01	K I	P N H L R R T T	R Y M T K Y E E R A R I L L	G S R A L L Q Q I L	S M N N A P I M V D L L
UniRef90_M5VGN9		R R T T	K F M T K Y E E R A R I L L	G T R A V L Q Q I L	S M N N A P V V M V D L L
UniRef90_Q17684	K A	V P T S E H V T T T	P F M T K Y E E R A R V L L	G T R A L L Q Q I L	S M N N A P V V M V D L L
UniRef90_E9C8X8		K K R V T T S	P F M T K Y E E R A R V L L	G T R A L L Q Q I L	S M N N A P I M V D L L
UniRef90_D2VH20	K V	P K D R K T T	R K M T K F E E K A R V L L	G T R A L L Q Q I L	S M N N A P V V M V D L L
UniRef90_I0YZ00		D R P R I T T T	P Y M T K Y E E R A R I L L	G T R A L L Q Q I L	S M N N A P V V M V D L L
UniRef90_Q0V6W2	K K V	A P E N R T T T	P Y M T K Y E E R A R V L L	G T R A L L Q Q I L	S G N N A P V V L V D L L
UniRef90_Q5B9N3	K K I	P N D Q R T T T	P Y M T K Y E E R A R V L L	G T R A L L Q Q I L	S L N N A P V V L V D L L
UniRef90_U3KPY1		A N Q K R I T T T	P Y M T K Y E E R A R V L L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_A0A058Z4W2	Q A	V P A N L R S T S	P F M T K Y E A R L L L	G T R A L L Q Q I L	S M N N A P I T V D L L
UniRef90_T5ABN4	K K I	P E S E R T T T	P Y M T K Y E E R A R I L L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_Q5D946	V	E K S K R I T T T	P Y L T K Y E E R A R V L L	G A R A L L Q Q I L	S M S A P V V L V D L L
UniRef90_Q5CLN5		R I T T T	P Y M T K F E E K A R V I L	G T R A L L Q Q I L	S M N N A P V V A I V D L L
UniRef90_T1KXX4	Q N I	N R K V T T	P F L T K Y E E K A R I L L	G A R A L L Q Q I L	S M N N A P I M V D L L
UniRef90_A9BK87		D K R K T L	P F L T K Y E E K A R I L L	G A R A L L Q Q I L	S M N N A P L M I E I L L
UniRef90_A4HAK2		N E R V T T S	A V M T K Y E E R A R V L L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_M8A7E5		R N T T	K Y M T K Y E E R A R I L L	G T R A L L Q Q I L	S M N N A P V V L V D L L
UniRef90_S9VR56	R A R A	P H E R V T T A	P Y L T K Y E E R A R V L L	G T R A V L Q Q I L	S M N N A P V V L V D L L
UniRef90_F0Y1P5		E R V T T T	R Y M T K Y E E K A R V L L	G T R A L L Q Q I L	S M N N A P V V M V D L L
UniRef90_D8LZ20	T P I	S E R V T T T	P Y L T K Y E E R A R V L L	G T R A L L Q Q I L	S M N N A P P M V D L L
UniRef90_F2TWE7	K K	P S K P R V T T T	R Y M T K Y E E R A R V L L	G A R A L L Q Q I L	S M N N A P P L M V D L L
UniRef90_U9US31		K E K V T T T	P Y M T K Y E E K A R I L L	G T R A L L Q Q I L	S M N N A P I L V D L L
UniRef90_L1J970	T P I	K D R L I T T T	P Y M T K Y E E R A R V L L	G T R A L L Q Q I L	S M N N A P V V L T S V D L L
UniRef90_R1ETH7	E A	V P P A E R I T T T	P Y M T R F E E R A R V L L	G T R A L L Q Q I L	S M N N A P V V M V D L L
UniRef90_M2XCQ1		Q K R I T T T	R F L T K Y E E R A K I L L	G T R A L L Q Q I L	S L G A P V V M V D L L
UniRef90_S2K935		R T N E R I T T T	P Y L T K Y E E R A R I L L	G T R A L L Q Q I L	S L S A P V V M I D L L
UniRef90_M1VBK5		K N R V T T T	P F L T K Y E E R A R V L L	G A R A L L Q Q I L	S L S A P V V L V D L L
UniRef90_E4XPR2	K A	V S K E D R I T T T	P F M T K Y E E R A R I L L	G T R A L L Q Q I L	A M N N A P V V L V D L L
UniRef90_H9BA25		R L T T T	S P F L T K F E E K A R V V L	G T R A L L Q Q I L	S L S A P P L T Y V D L L
UniRef90_AOCFC7	K K	V N K D E R I T T P	P F L T K Y E E R A R V I L	G T R A L L Q Q I L	S K N S P L T Y V D P M
UniRef90_J9I993	K K K	A N K E R I T T S	S F M T K Y E E K A R V I L	G T R A L L Q Q I L	S K N A P L M L P M
UniRef90_C7YNT4	K K I	P E G E R T T T	P Y M T K Y E E R A R I L L	G T R A L L Q Q I L	R F D A S R P G W L L
UniRef90_W7TIM6		A N K V K I T T T	R F L T K Y E E R A R I L L	G T R A L L Q Q I L	S M N N A P I M V D L L
UniRef90_I1C500	P N K	V R Q T T T	P Y M T K Y E E K A R I L L	G T R A L L Q Q I L	S L N A P I M V K E L L
UniRef90_R7QAB3		R I T T T	R T L T K Y E E R A R I L L	G T R A L L Q Q I L	S M G A P P M V D L L
UniRef90_A0A023BDP4		R Q T S	P Y M T K F E E K A R V I L	G T R A L L Q Q I L	S L G A P V V T V D L L
UniRef90_A7SYA5			M T K Y E E R A R V L L	G T R A L L Q Q I L	S M G A P V V M V D L L
UniRef90_L1J4I8	K Q K	R Q T T M	P Y M T K Y E E R T R I L L	G I R A L L Q Q I L	S M N A P V T V D L L
UniRef90_F2HI32		R T T L	P Y L T K F E E K A R I L L	G A R A L L Q Q I L	S M N N A P L T I K T L L
UniRef90_I7J6F7	V S S	S N R I T T S	P Y L T K Y E E K A R I I L	G T R A L L Q Q I L	S L N A P I T I P V L L
UniRef90_Q4N107		R I T T S	P Y L T K Y E E K A R I I L	G T R A L L Q Q I L	S L N A P I T I P V L L
UniRef90_A7AT24	Q R V	E N A H R I T T S	P Y M T K Y E E K A R I I L	G T R A L L Q Q I L	S L N A P I T I P V L L
UniRef90_T1GRK6	G V	P K N K R I T T T	K Y M T K Y E E R A R V L L	G T R A L L Q Q I L	A M C A P I M V D L L
UniRef90_B3L4G7		D N I R I T T S	P Y L T K Y E E K A R I I L	G T R A L L Q Q I L	S L N A P I T I P V L L
UniRef90_L0B1T8	I D N	A H R I T T S	P Y L T K Y E E K A R I I L	G T R A L L Q Q I L	S L N A P I T I P V L L
UniRef90_J4C981		R I T T T	P Y L T K Y E E K A R I I L	G T R A L L Q Q I L	S L N A P I T I P V L L
UniRef90_S7XSG5		Q D R I T T S	S V M T K F E E K A Y I L	G V R A Q Q L L	S M N A P P L V D L L
UniRef90_Q8SRE9	K I	K A S E R K T L	P R M T K Y E E K A H V I L	G V R A T Q L L	S A G A P P F V D L L
UniRef90_L7K046		N K R V T T S	P L M T K Y E E K T R I I L	G M R A M Q L L	S M N A P P L V D L L
UniRef90_Q98RN6	K L D	I D F R M T L	P L L T K Y E E K A R I I L	G A R A L Q Q I L	S M G A P I L T V D L L
UniRef90_G0QXR4		K Q R V T T P	P F L T K Y E E K A R I I L	G T R A L L Q Q I L	A Q N S P L Y V D L L
UniRef90_R0KU76		E R I T T P	R L T K Y E E R A H V L L	G V R A A Q I L	S C G A P P F V D L L
UniRef90_W4W492	G V	Q R S K R I T T T	R Y M T K	A L L Q Q I L	A M C A P V V M V D L L
UniRef90_V6LDH9		I T T P	F L T K F E E K A R V L L	G A R A Q Q L L	A M G A P P V M V D L L
UniRef90_A2DSU3		T T E Y L T	K Y E E K A R V L L	G I R A M Q I L	A N G A P V Q I D L L
UniRef90_L2GLN8	Q E	V H P K P R I T T L	N R M T K Y E E K A H I I L	G V R A A Q Q I L	N D D A P P F V D L L
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UniRef90_F2TJA0	K K	V P N D Q R T T T	P Y M T K Y E E R A R V L L	G T R A L Q Q I L	S M N A P I L V D L L
UniRef90_A2FZ94		R I T T T	P Y L T K Y E E R A R V L L	G T R G M Q Q I L	S L G A P V I T V D L L
UniRef90_H8ZAY5		E K R Y T S	P I M T K F E E R A K I L L	G I R A Q Q I L	S M S A P I M V D L L
UniRef90_Q3LW93		K R E S Y P F I T S	K F E E K A K L L	G V R A K Q Q I L	S N G N P A T V D L L
UniRef90_C6LWY4		D K R I T P	R Y L T K F E E Q A R I L L	G T R A Y Q L L	S M G A P A H I D L L
UniRef90_B7XI69			M T K Y E E K A K I I L	G V R A T Q Q I L	S D D A P P L V D L L
UniRef90_UPI0003890BD3		A N Q K R I T T T	P Y M T K Y E E R A R V L L	G T R A L Q Q I L	A M C A P V V M V D L L
UniRef90_M4B8W9	K Q	P N V N R I T T T	R Y M T K Y E E R A R V L L	G T R A L Q Q I L	S M N A P V V M V D L L
UniRef90_X6NNT0		P E K P K I T T A	Y M T K Y E E K A R I L L	G T R A L Q Q I L	S M N N A P V M V D L L
UniRef90_Q5UQ32	K K I	P D N E R E T D	P I L T Y Y E I V R I L L	G T R A Q Q F	N Y G A K P L I K G P T
UniRef90_M9LR14					
UniRef90_DOA5E1	R I T	P L K D R K S S V Y L T	K Y E V A R I I G E R A R Q I V	N G T S V L L E S	

QUERY UniRef90_E3K699 UniRef90_R4X9X2 UniRef90_V9DIW9 UniRef90_I1FIL1 UniRef90_A8Q970 UniRef90_Q0CUQ1 UniRef90_M1W9K0 UniRef90_H2XVJ2 UniRef90_R9AGG3 UniRef90_UPI000331542D UniRef90_B3S9T0 UniRef90_UPI000440813F UniRef90_F4PBH1 UniRef90_C1EBJ1 UniRef90_M7SHN9 UniRef90_A0A024G6E3 UniRef90_S3DG95 UniRef90_G7DSQ7 UniRef90_UPI0002C3DCAC UniRef90_D8U9I0 UniRef90_C5L3X6 UniRef90_F0ZB01 UniRef90_M5VGN9 UniRef90_Q17684 UniRef90_E9C8X8 UniRef90_D2VH20 UniRef90_I0YZ00 UniRef90_Q0V6W2 UniRef90_Q5B9N3 UniRef90_U3KPY1 UniRef90_A0A058Z4W2 UniRef90_T5ABN4 UniRef90_Q5D946 UniRef90_Q5CLN5 UniRef90_T1KXX4 UniRef90_A9BK87 UniRef90_A4HAK2 UniRef90_M8A7E5 UniRef90_S9VR56 UniRef90_F0Y1P5 UniRef90_D8LZ20 UniRef90_F2TWE7 UniRef90_U9US31 UniRef90_L1J970 UniRef90_R1ETH7 UniRef90_M2XCQ1 UniRef90_S2K935 UniRef90_M1VBK5 UniRef90_E4XPR2 UniRef90_H9BA25 UniRef90_A0CFC7 UniRef90_J9I993 UniRef90_C7YNT4 UniRef90_W7TIM6 UniRef90_I1C500 UniRef90_R7QAB3 UniRef90_A0A023BDP4 UniRef90_A7SYA5 UniRef90_L1J4I8 UniRef90_F2HI32 UniRef90_I7J6F7 UniRef90_Q4N107 UniRef90_A7AT24 UniRef90_T1GRK6 UniRef90_B3L4G7 UniRef90_L0B1T8 UniRef90_J4C981 UniRef90_S7XSG5 UniRef90_Q8SRE9 UniRef90_L7K046 UniRef90_Q98RN6 UniRef90_G0QXR4 UniRef90_R0KU76 UniRef90_W4W492 UniRef90_V6LDH9 UniRef90_A2DSU3 UniRef90_L2GLN8 UniRef90_J9DIY6 UniRef90_A0A059F461 UniRef90_F2TJAO UniRef90_A2FZ94 UniRef90_H8ZAY5 UniRef90_Q3LW93 UniRef90_C6LWY4 UniRef90_B7XI69 UniRef90_UPI0003890BD3 UniRef90_M4B8W9 UniRef90_X6NNT0 UniRef90_Q5UQ32 UniRef90_M9LR14 UniRef90_D0A5E1

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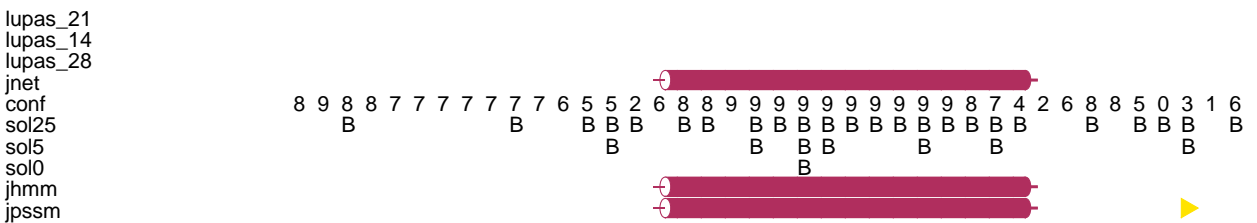
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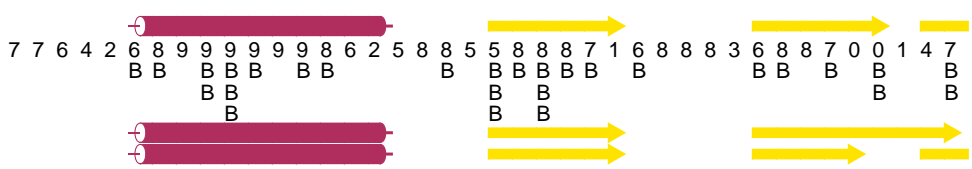
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Y G L L D P L K I A L Y E Y E N H L I P I D I
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