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50 60 70 80

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

QUERY	T	L	L	A	L	V	E	K	A	Q	T	L	P	E	D	A	L	P	Q	P	M
UniRef90_L0MHJ2	T	L	L	A	L	V	A	E	A	N	A	L	D	E	A	A	L	P	P	P	V
UniRef90_U3TWE3	A	L	V	A	M	V	V	E	A	Q	A	L	D	E	E	A	L	P	P	P	V
UniRef90_D3VFD0	R	L	L	A	M	V	A	E	S	R	N	I	P	E	E	E	Y	P	A	Q	V
UniRef90_Q2NTB7	A	L	L	A	K	V	Q	E	A	Q	A	L	P	D	E	A	L	P	A	P	V
UniRef90_K8WKM7	R	L	L	A	I	V	E	Q	A	K	Q	L	D	E	S	E	Q	Y	P	T	V
UniRef90_A0A024HL53	T	L	L	Q	L	M	A	H	A	A	A	L	P	E	S	E	W	P	Q	A	L
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UniRef90_I1XHF5	A	L	I	D	V	I	S	K	A	K	Q	T	P	P	E	Q	W	P			
UniRef90_M0Q4I9	A	M	L	E	I	V	A	Q	S	A	A	L	A	D	D	Q	L	P	P		
UniRef90_H0J8U5	T	L	L	A	L	I	A	E	G	A	A	T	P	A	E	Q	W	P	A		
UniRef90_C5BM18	D	L	I	A	C	I	Q	A	G	M	D	V	P	E	H	E	L	P	A	P	L
UniRef90_F6A878	T	I	L	Q	L	I	R	E	A	A	A	L	P	P	A	E	W	P	P	A	M
UniRef90_Q21L29	Y	L	L	R	L	I	E	R	A	D	K	I	E	A	S	D	L	P	E	L	L
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UniRef90_U1K0T3	E	I	L	A	C	I	E	K	A	K	E	V	S	E	E	Q	D	C	P	Q	R
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UniRef90_D8PFW8	A	L	L	A	T	M	Q	Q	A	L	J	A	R	P	E	S	E	W	P	E	
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UniRef90_X2H4S8	K	L	L	N	I	L	S	E						V	P	A	L	P	P		
UniRef90_Q6LT89	R	L	L	R	I	V	Q	D	V	E	D	I	P	A	E	Q	Y	P	E	K	I
UniRef90_Q5QWP5	D	I	L	R	C	I	Q	Q	A	E	Q	V	P	P	E	S	E	F	P	Q	T
UniRef90_Q87RC6	K	L	A	A	I	V	K	K	A	K	Q	T	P	P	E	E	Y	P	A	K	I
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UniRef90_H8GJ18	A	L	C	R	L	I	G	E	A	K	N	R	P	P							
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UniRef90_B8CNR7	E	L	V	K	L	I	A						N	V	S	F	E	E	L	P	L
UniRef90_UPI000382CC3D	E	I	L	A	A	I	E	L	A	M	Q	L	P	K	A	D	C	P	A	P	
UniRef90_A4GIY0	S	L	L	S	A	I	E	R	A	M	E	L	P	S	E	D	L	P			
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UniRef90_UPI00037430D0	Q	W	M	A	A	V	E	R	A	R	A	L	P	E	N	E	L	P	Q	P	
UniRef90_E2CQB6	A	T	V	N	A	V	K	R	G	Q	A	I	P	K	E	Q	I	P	R		
UniRef90_F7S0Z2	A	I	L	Q	C	I	E	R	G	L	A	V	P	K	E	Q	Q	P	E	E	I
UniRef90_L8JGJ7	R	L	L	K	M	V	Y	D	V	D	K	M	S	P	L	J	D	Y	P	E	K
UniRef90_M4RJ12	K	L	L	R	I	V	E	Q	S	K	H	L	A	Q	E	D	Y	P	D	E	I
UniRef90_UPI00037EF2E5	M	L	C	Q	L	I	T	E	A	K	N	R	P	P	I	P	L	K	E	K	
UniRef90_F4HF83	K	L	L	L	L	L	E	Q	A	K	R	V	P	P	E	Q	Y	P	D	L	I
UniRef90_B8KGY1	T	L	L	A	C	I	R	G	A	K	D	V	S	Q	D	A	L	P	D	A	L
UniRef90_K6YQG6	A	L	L	A	L	V	A	D	C	Q	N	V	S	D	G	A	Y	P	P	R	V
UniRef90_C0RI88	G	L	V	T	A	I	Q	S	A	L	A	I	A	K	E	D	L	P	K		
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1 10 20 30 40

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A I D L P A E L Q P V F E A L R A W R G E V A K S H G V  
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A L F E E L R Q L R K Q T A T E E K V  
E R P T K R A N P G T L A S D E D E A L F Q R L R R L R K E L A D E A G V  
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E D P W R R L S G L H Q V R G R N L A V A R S L W Q A R E A Y A Q D Q N V  
R T D H T A D M D A M L A N W E A L R R W R T E A A R E H G V  
E P W R R L S G I H S I R G R N L A V A R E L W Q A R D A L A R E I D T  
L S S R D G E L F E A L R G L R A E L A R E A N V  
K P A V E L S A E A T P I F E A L R E W R R N A A R E Q G V  
G N Y R H S R R Q L M Q L Q N S E W R E E V V R A T N Q  
R A T A R E G L T E S Q S V F E N L R A L R K E I A D S D E K  
A V A L S T E A A P V F E R L R A W R A A T A K E Q G V  
P E D L A L F N A L H G L R A Q L A K E Q N V  
K T S A M L T K E Q F S V F R A V H Q W R D E V A R E Q D D  
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N A E D E S L F Q K L R A Y R L S L A K E Q G L  
P K G Y L T D L K L R F T F N S R Q D H A L T S L Y K W R D V V A R Q E D E  
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K L D S E D Y G L W N A L K A L R M E L S R E Q D V  
E E E V Y E A L R T W R N D T A R Q E N N  
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L P S A A V P V F E E L R A W R A A T A K E Q G V  
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L F H R L R A L R R E I A M R E N L  
N P E D S E L F E R L R A L R Y E L A E K Q G V  
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P A Y V I F P D K R T L V E M A M A R R P S S V L D E M A E E S G V G A R N K L K R F D G A  
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UniRef90_UPI0003A474F1	A F L E V I	D A A	
UniRef90_UPI00047B83E1	Q V L D T L	A E	
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UniRef90_UPI0004669603	E F L N L L	R Q A	
UniRef90_W7IH15	Q T L D T L	A E G	
UniRef90_Z9JJA0	Q L I E L V		
UniRef90_M2YJV6	E L A A L V	A K A K K	
UniRef90_X1Y395	A L H Q I M	Q K A R E L P A V A M	
UniRef90_K2DG15	S F L E I T	K E	
UniRef90_E3MY68	Q I L K I I	V E A R E V	
UniRef90_F6FXP0	A L L D V L	A K C R	
UniRef90_UPI0004762DCA	Q V L E V L	T A	
UniRef90_UPI0003B79124	R L M Q T L	A D A K P L T E A E M P P	
UniRef90_C1CV19	K I V Q T V	R A A L	
UniRef90_UPI00047559FD	P F L E L I	R E Y Q A E Q Q N P Q	
UniRef90_M1TP92	D V L E I L	R T A	
UniRef90_UPI00037365FA	A F L D V V	R A	
UniRef90_L1MJ41	E L L A V V	R T C A E A S D	
UniRef90_G6EXC2	A L L T V I	K A V K N T E V D L L P L P I	
UniRef90_J7IRW3	E F L E V I	K R F L E	
UniRef90_K7MXW4	V I V N I V	R H S M Q	
UniRef90_UPI00036AAD17	G V L E T L	T E	
UniRef90_L0NIC8	D F L E V I	R T	
UniRef90_UPI00036CDF13	A L M A L I	R R	
UniRef90_UPI00030462D6	G V L A A L	A E C E A	
UniRef90_M3BX27	Q I L E V L	K A L G A P E	
UniRef90_D3SFX4	A F L R A I	E	
UniRef90_R5Y1E0	E M T E L L	A	
UniRef90_UPI00037BC560	A F L E A I	R A A	
UniRef90_G7WCP1	E F L A V I		
UniRef90_UPI0002493043	Q F L T V L	D S Y R D K E P S D L	
UniRef90_I1P7R5	Q V V G I I		
UniRef90_UPI0003599439	E I H N V I	L H A R E L	
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UniRef90_D3Q4N6	R W L Q A L	S K V R K L S E D E L P	
UniRef90_Q39S39	A F L E A I	R	
UniRef90_U7M1T7	R W L R A V	Q Q S Q K P P R G R P	
UniRef90_D1B381	A F L A L C	R T	
UniRef90_I2NCU2	E T I E I C	T A	
UniRef90_U1GZC4	E L I R I V	R	
UniRef90_S7V236	E L L E I L	R A	
UniRef90_B5IJ66	A L L Q V L	Q A G	
UniRef90_UPI00046FEF9E	R F L E C	V K A G E R K P A S A L P	
UniRef90_U6PCV3	E L H K M I	F K C R D I P L I E Y	

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UniRef90_UPI0003609114		N P A D S A L V W Q A L	R K R R K E L S A D	E Q N D E	
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UniRef90_UPI0004708E20			L F F E R L R A L R	K Q I A D R E N T	
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UniRef90_Q3SKD6			L F L S L R A W R E T A	N K G V	
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UniRef90_K2K1Q1			L F R R L R Q V R K S	I A D E E Q G V	
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UniRef90_C5X0K2	D T S Y L H I H G L N E L S	V L S S L Y R W R D G	I A R A E D E		
UniRef90_C7M0M9	I E P E L A W T R I R E C R G L	D P T G R R I A A S V	A A W R E R T A Q R	D D V	
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UniRef90_B6BJR4	R T S K K E K L T P V E D	G V F D K F R A L R S E	I A S K N E I		
UniRef90_F6R4R6	K R R G G K K D F R P Q Q	I E A L R L I F A W R D	S G L A R Q E D E		
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UniRef90_B4HEH9		K T K R S F D N R Q L Y A	L R G I F E W R D A T A	R S E D E	
UniRef90_L5U0X0			T E R E Q Q L R Q K L	E A W R Y E Q A R A E N C	
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P A Y I V L H D H T L N A V A A A R P A T P H D L L A I I G G M G P S K L V G R F F G G P  
P P Y I V F N D A T L Q E M A Q Y A P V E S N I E M L Q I V G G V G A I K L R R F G G A  
U n i R e f 9 0 \_ U P I 0 0 0 3 7 4 6 E 3 D P A F C V F T D R T L M A M A E T A P V E D A R E E L L A R V G G V G T R K L E R H G G A  
U n i R e f 9 0 \_ A 9 K Y 1 1 P P Y L V F N D A T L A E M A A M P T S A G E E M L A V I V G G V G E R K K L S R Y G D  
U n i R e f 9 0 \_ W 0 E R S 4 P P Y V I F Q D P S L I E A M A T T Y P I T L E E L L Q N I V G G V G G A G A K K Y G E  
U n i R e f 9 0 \_ U P I 0 0 0 3 7 7 C C 2 2 P T Y M V L T N K S I V S I A K N K P R T V E E L L E R E H K K E K Y G E  
U n i R e f 9 0 \_ J 2 Z Q N 5 P P Y V V F H D S T L R E M A A A R P S S L S E L L G G V G G V G A R K L D A Y G D  
U n i R e f 9 0 \_ U P I 0 0 0 4 5 E B 9 F 4 P A W T V L V D A A L E G I A Q L R P T T V A E L L A R V I V G G V G P S M K L E N Q Y G P  
U n i R e f 9 0 \_ U P I 0 0 0 2 5 5 F 2 1 0 P A F V V F T D A T L V A I A E A A P K T P A E E L L R V I V G G V G R S K L E K Y G G  
U n i R e f 9 0 \_ E 0 I D M 4 P P F M L F F D A T L R E L A D A A A P Q T T E E L L T V I V G G V G A A K A N K Y G A  
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U n i R e f 9 0 \_ U P I 0 0 0 3 4 9 1 2 0 3 P A Y V V F T D A T L Q A I A E Q E P G S V S Q L S A V I V G G V G A K L D R Y G  
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U n i R e f 9 0 \_ B 5 H Q C 0 P A Y V I F H D A T L R E I V T V W P T S V T Q L G S V V G G V G T R K L E A T Y G D  
U n i R e f 9 0 \_ A 0 A 0 3 1 J S P 6 P P Y V I F H D S T L R E M A G S R P S S L A E L L G L V G G V G T R K L E A Y G D  
U n i R e f 9 0 \_ A 0 Z 7 J 0 P P Y V I F H D S T L V J E M C S L P S S M T E F A G L S I V G G V G T R K L E K Y G E  
U n i R e f 9 0 \_ R 5 P G 3 3 P A Y C I M H T K S L E A I A D T M P K S P D E L V G L S I V G G V G P K R A E K Y G E  
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U n i R e f 9 0 \_ U 3 A Q H 0 P P Y V I F S Q D R T L L E I A M T E P G S L D A L S R V I V G G V G Q Q F K L D R Y G R  
U n i R e f 9 0 \_ G 9 Y H J 7 P P F V I F S D L T L W E M A A H M P A T L D E M R A V V G G V G F G K L H K Y G P  
U n i R e f 9 0 \_ C 6 B W L 6 P A Y A I F A D K T L L E L G C Y R P Q T T G E L Y A V V G I G G L D Q K I F R Y G A  
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U n i R e f 9 0 \_ T 1 V L K 7 P A Y V V F S D N T L M A I A E Q R P Q D N R G L V S I I G G V G P K K L D N Y G G Q  
U n i R e f 9 0 \_ K 2 A 1 J 8 P A Y L V F S D A T L F E L A A Y L P S S L E J E V R K I V G G F N E I K L A K Y G Q  
U n i R e f 9 0 \_ A 6 D H N 3 T P N F I F H Q S L L F K A A M Y L S S D Y G Q F T R N I G G F D E I K L Q K H Y K  
U n i R e f 9 0 \_ U P I 0 0 0 3 7 1 6 D 9 D A P G R V L G D L A I I E L A T I R P D N L E A V A K V I S W R T K L E S P F N

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UniRef90_UPI0004227234		D P A T L A L F E E L	R A W R A V A A K E R S R		
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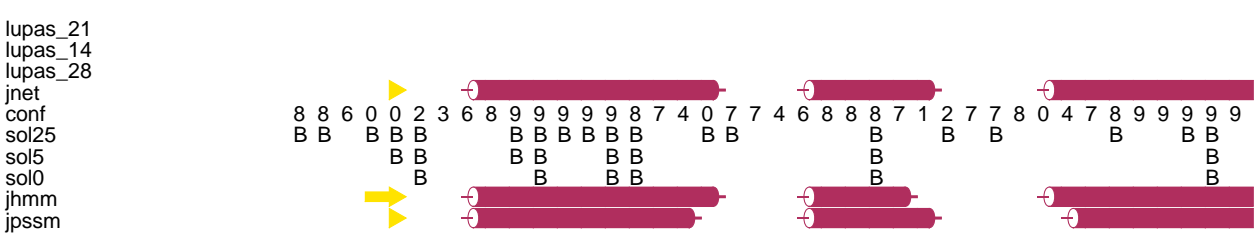
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