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130 140 150 160

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UniRef90_U1X1F7	S	R	D	H	T	E	R	M	L	R	S	F	G	V	V	V	V	I	N	H	D	D	Y	Q	F	F	V	I	P	A	G	Q	Q	Y	V	S	S	G	N	F	L	V	
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UniRef90_Q7VR41	Y	I	D	I	T	L	S	V	M	R	A	F	G	V	V	V	V	I	N	H	D	D	Y	Q	F	F	V	I	P	A	G	Q	Q	Y	V	S	S	G	N	F	L	V	
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UniRef90_W9V1C9	Y	I	D	I	T	L	H	S	M	Q	L	F	G	V	V	V	V	I	N	H	D	D	Y	Q	F	F	V	I	P	A	G	Q	Q	Y	V	S	S	G	N	F	L	V	
UniRef90_N8VSN6	E	I	T	D	L	A	N	M	L	N	K	M	G	A	K	I	E	G	L	D	T	N	T	L	V	I	P	A	G	Q	Q	Y	V	S	S	G	N	F	L	V			
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UniRef90_K2GUE0	E	V	D	L	A	N	F	L	N	S	M	G	A	K	I																												

QUERY UniRef90_I0QU35 UniRef90_B8EA95 UniRef90_UPI000363FFB7 UniRef90_R8APA3 UniRef90_C4LEG3 UniRef90_UPI00036562A1 UniRef90_K7A8S7 UniRef90_D8EWX3 UniRef90_R41D1 UniRef90_I4EGP3 UniRef90_UPI00022CAAD7 UniRef90_G1CR67 UniRef90_UPI00037E2224 UniRef90_K9D9R2 UniRef90_HQ2E2 UniRef90_UPI0003808A8D UniRef90_P05466 UniRef90_UPI000347C112 UniRef90_C9RRM9 UniRef90_UPI00034A4D74 UniRef90_UPI00031583FF UniRef90_U1X1F7 UniRef90_I9BY72 UniRef90_Q7VR41 UniRef90_Q9L213 UniRef90_Q0AI25 UniRef90_A4CB86 UniRef90_UPI0003828950 UniRef90_UPI0003B63D93 UniRef90_Q65RU6 UniRef90_C6WVX1 UniRef90_UPI00047ECDA9 UniRef90_W9V1C9 UniRef90_N8VSN6 UniRef90_D9SNK2 UniRef90_T0IMJ0 UniRef90_A4A1M9 UniRef90_UPI0003B2FDE4 UniRef90_Q1NPZ9 UniRef90_Q057N6 UniRef90_C6PQ95 UniRef90_UPI00037C10A UniRef90_UPI00037F2F09 UniRef90_K2GUE0 UniRef90_F5T1C7 UniRef90_V2Y609 UniRef90_F3LCJ3 UniRef90_UPI0002630F84 UniRef90_R5THJ2 UniRef90_R4KCD8 UniRef90_B0NJF1 UniRef90_R9NBZ0 UniRef90_R6Z5A4 UniRef90_B0TUW5 UniRef90_D3LV57 UniRef90_UPI00047AC411 UniRef90_F8GHV9 UniRef90_C4KYR9 UniRef90_C0Z837 UniRef90_UPI00016C5129 UniRef90_A0P4H8 UniRef90_D3EMI2 UniRef90_D0KYU1 UniRef90_I8T161 UniRef90_E3PV42 UniRef90_UPI0003613440 UniRef90_UPI0003640236 UniRef90_UPI000474F713 UniRef90_X2H196 UniRef90_Q2FQ54 UniRef90_UPI000478E440 UniRef90_H7F8D8 UniRef90_UPI000478A112 UniRef90_Q3A949 UniRef90_E1RGD0 UniRef90_UPI0004787F2D UniRef90_A6GM93 UniRef90_A0P6E4 UniRef90_B8GMK2 UniRef90_R5YRK7 UniRef90_B1QTG8 UniRef90_A8PK47 UniRef90_B0P7G8 UniRef90_A6VY01 UniRef90_UPI00045EA853 UniRef90_R6NE26 UniRef90_E3HD10 UniRef90_E6UFQ3 UniRef90_A9BX80 UniRef90_W8YJT9 UniRef90_F9N653

290 300 310 320

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370 380 390 400

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E V D D R T A I V T G V I E Q L V I G A E V E A T D L R C G A A L V C A G L A A S

QUERY	P	V	T	I	N	D	P	K	C	T	S	K	T	F	P	D	Y	F	D	K	F	A	Q	L	S	R			
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UniRef90_D8EWX3	G	V	R	I	Q	N	P	D	C	T	S	K	S	F	P	R	F	W	D	L	W	E	D	L	V	R			
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		370		380		390		400																																		
UniRef90_F7VB38	K	V	D	G	D	D	L	I	Y	G	G	A	L	P	G	G	G	T	V	E	T	H	M	D	H	R	L	A	M	S	A	S	I	L	G	L	A	E	N			
UniRef90_K2KLG4	N	V	H	H	S	T	A	M	I	R	G	V	E	K	L	R	G	G	A	P	V	M	A	T	D	L	R	A	S	V	S	M	V	L	A	G	L	A	D	G		
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UniRef90_R7F117	S	V	D	D	G	K	V	A	V	V	E	G	T	D	G	K	L	Q	G	A	P	V	M	A	T	D	L	R	A	S	V	S	L	V	L	A	G	L	A	A	H	G
UniRef90_F5L736	E	E	R	E	D	G	F	T	V	Y	P	G	Q	P	L	T	G	A	T	L	D	P	H	D	D	H	R	Q	A	M	T	F	T	L	L	G	L	K	V	P		
UniRef90_Q2L2S7	E	E	S	R	P	D	W	L	S	L	T	P	P	S	T	W	R	A	T	H	L	G	T	W	D	D	H	R	M	A	M	C	F	S	L	A	A	F	G	P	A	
UniRef90_KODE47	E	A	R	P	D	G	M	I	L	H	G	Q	T	P	L	A	T	S	Q	D	S	T	F	G	D	H	R	I	A	M	M	N	A	V	L	A	A	L	T	K	G	
UniRef90_G5KDN7	S	L	L	G	G	Q	I	K	F	K	G	V	N	S	L	V	I	G	A	P	V	K	A	S	D	L	R	A	G	A	L	V	I	A	G	L	A	E	G	G		
UniRef90_W9GYC0	E	A	G	P	D	S	L	T	V	H	G	G	V	P	P	G	G	A	T	V	A	T	A	M	D	H	R	I	A	M	S	F	L	V	L	G	M	A	S	Q		
UniRef90_Q927U1	K	L	E	G	R	S	A	V	V	S	G	G	V	K	L	G	G	S	T	K	V	T	A	T	D	L	R	A	G	A	L	V	I	A	G	L	A	E	G	G		
UniRef90_L0ANN4	T	E	E	Q	D	S	L	T	I	H	G	S	D	M	L	E	G	G	A	T	V	D	G	C	D	H	R	I	M	A	L	A	L	A	G	L	A	D	G	G		
UniRef90_B1C7Z1	I	E	N	E	D	N	L	V	I	E	G	V	E	S	L	K	G	G	L	V	D	S	H	K	D	H	R	I	S	M	S	M	A	I	A	S	T	A	A	K		
UniRef90_C0QT72	K	I	D	G	R	T	A	Y	I	K	G	V	R	R	L	T	G	A	E	V	R	A	T	D	L	R	A	S	A	M	A	I	A	G	L	A	E	G	G			
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UniRef90_R5DVU5	E	E	E	Q	D	A	V	I	K	I	E	G	P	S	D	V	L	K	P	A	V	V	Q	T	Y	D	D	H	R	M	A	M	S	F	A	L	I	G	L	K	V	D
UniRef90_UPI00041B6033	K	I	E	G	R	S	A	V	V	E	G	P	S	D	V	L	K	P	A	V	V	A	A	T	D	L	R	A	A	A	L	I	A	G	L	V	S	E	G	G		
UniRef90_I0K005	E	L	L	K	N	E	V	H	I	Y	G	I	E	R	L	S	G	A	P	V	M	A	S	D	L	R	A	S	A	A	L	V	L	A	G	L	A	E	D	N		
UniRef90_L1L332	T	E	T	A	D	G	L	H	I	R	P	R	P	L	H	G	G	V	F	H	T	Y	D	D	H	R	M	A	T	A	G	A	V	I	G	L	A	V	E	G		
UniRef90_UPI00047555FB	N	I	D	G	D	D	L	I	V	T	G	T	G	P	K	L	G	G	Q	K	I	A	V	N	L	D	H	R	I	G	M	S	F	L	V	L	G	M	A	A	Q	
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UniRef90_A4SW54	E	E	G	A	D	Y	L	V	V	Q	A	P	W	K	S	P	S	E	G	L	D	T	Y	D	D	H	R	M	A	M	C	F	S	L	A	T	L	G	P	N		
UniRef90_B2KDP9	T	I	E	K	T	M	A	K	V	I	G	G	V	K	L	S	G	A	N	V	M	A	S	D	L	R	G	A	L	V	I	A	A	L	A	A	L	A	A	G	A	G
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UniRef90_A3PPV7	E	E	D	E	D	T	L	V	I	H	G	G	R	V	L	P	G	A	T	C	A	T	H	L	D	H	R	I	A	M	S	F	L	V	L	G	M	A	A	E	D	
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UniRef90_C8PZ96	T	V	L	D	D	G	L	E	I	E	G	R	Q	V	F	G	G	G	E	I	E	C	H	H	D	H	R	I	A	M	S	F	T	M	A	S	L	A	S	D	G	
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UniRef90_B3DUU9	E	L	V	D	G	M	R	I	I	Q	G	M	E	S	V	L	P	A	R	V	E	S	F	G	D	H	R	I	A	M	A	F	S	I	L	A	L	A	N	K	G	
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UniRef90_N6JU17	T	L	D	G	S	T	A	I	I	H	G	T	N	H	L	Q	G	A	Q	V	M	A	T	D	L	R	A	S	V	S	L	V	I	A	A	L	A	A	G	G		
UniRef90_R1AX61											K	G	V	K	L	T	G	A	N	V	S	A	K	D	L	R	G	G	A	S	L	V	L	A	G	L	A	A	K	G	G	
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UniRef90_S7XIT7	T	E	L	D	D	G	V	R	I	E	P	R	K	L	H	G	G	V	W	H	S	Y	D	D	H	R	M	S	T	A	G	A	V	I	G	L	A	V	E	G		
UniRef90_R5KNF5	T	E	T	A	D	G	M	I	E	P	A	R	V	L	S	G	G	A	A	L	K	G	Y	N	D	H	R	I	V	M	A	F	S	V	A	A	F	A	R	A	S	G
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G R I E L A A T V S S Q Y V S S I L M C A P Y A Q E A V T L A L I G K P I S Q L
G A R I R F N C K S V G A T E T I L M A A T L S Q G T T I L E N T A E E P
D L D I D G S L S S Q F L T G L L M A A P L L R G P T T V R V R E V V S R P
G T F M L L D E A S V T G T A N V L M A A V M A E G T T T I Y N A A C E P
G T K I A L P Y P S V G A T E Q L L T A V R A E G I T E L S N A A I E P
G G V I E A A T I S S Q Y V S S I L M A A P Y A K S P V T L R L V G K P I S Q P
G E V T I G G G I S S Q F I S L L I S C P F A K R G T V I K V E G E L K S R P
G R F V L P G N I S S Q F V S G L L M A A P L M E Q D L E V F V A T P V I E S A P
R E I T I D G S L S S Q F L T G L L M A F A P A P P V I V R V N D L K S K P
T F D Y K S T I A S A Q V K S A M I L A G L Q T A G Q S R F Y E P L L S R N
G A P L Y L D T P S H T G T E N L V M A A T L A K G T T V I E N A A L E P
G Q L T M A G S V S S Q F I S A L L M I G T V L K G G L E L K M T G V I A S R P
K T L E L P G N I S S Q Y I S L L M I A P R I S N G L T L K L I G D I T S R P
G A E L T L E F P S V G A T E N L V M A A V L A D G T T V I D N A A R E P
G T D M L L D E A S V T G T A N I L M A S V L A T G T T I Y N A A C E P
P I S Y A P P I A S A Q V K S A I L L A G L G A E G V T T V I E E R I S T R D

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A L M T I A K G R S I T E T V F E N R M N H V D L L N Q M G A Q E I Q I Y R E C L
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I A M S L A K G K S I V K N A K E L R V K E S D R I S A V V N N L K L C G G V N Y
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T E F E D G Y E I T G G A L H K A T I D S F G D H R I A M S F S I A A G L A N C
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UniRef90_K1DWD7 G R V V L D A S A S S Q F I S A L L L L A G S L F D E G V T V V H D G P L P S L P
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170 180 190 200

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

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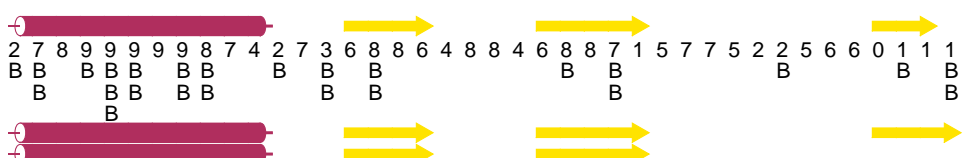
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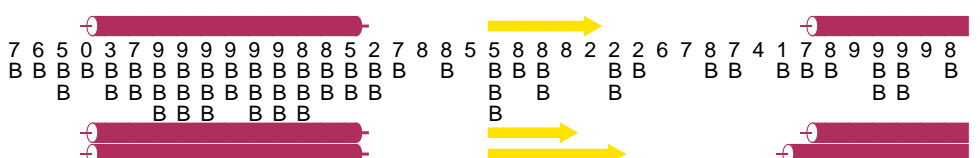
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A S D Y L E V G S F I G L A

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