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QUERY	Q	Q	Q	W	Y	V	P	L	L	G	P	F	L	G	K	S	F	G	T	S	I	S	S	W	V	V	V	P	M	D	L	L	K	E	P	F	F	V	V	P	N	P	K						
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UniRef90_C1BU01	I	Q	K	W	E	Y	V	P	L	L	G	P	F	L	A	K	N	F	G	T	T	I	S	P	P	W	V	V	T	L	D	A	L	L	E	P	F	F	R	V	T	A	N	G	N	P	K		
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UniRef90_J9IMH0	I	Q	A	W	E	Y	V	P	L	L	G	P	F	N	A	K	N	F	A	T	T	I	S	P	P	W	V	V	T	S	E	A	L	L	E	P	F	F	R	V	T	A	N	G	N	P	K		
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UniRef90_V7BRM2	I	Q	A	W	E	Y	Q	P	L	L	G	P	F	L	G	K	S	F	G	T	T	I	S	P	P	W	V	V	T	L	E	A	L	L	E	P	F	F	R	V	T	A	N	G	N	P	K		
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UniRef90_D3AYC8	I	Q	K	W	E	Y	V	P	L	L	G	P	F	L	A	K	N	F	G	T	T	I	S	S	A	W	V	V	T	L	D	A	L	L	E	P	F	F	R	V	T	A	N	G	N	P	K		
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UniRef90_H3FHT5	I	Q	K	W	E	Y	V	P	L	L	G	P	F	L	G	K	S	F	G	T	T	I	S	C	W	V	V	S	M	E	A	L	L	E	P	H	F	V	T	A	N	G	N	P	K				
UniRef90_E1SSR1	I	Q	A	W	E	Y	Q	P	L	L	G	P	F	L	S	K	S	F	A	S	T	I	S	P	P	W	V	V	T	A	E	A	L	L	E	P	F	F	R	V	T	A	N	G	N	P	K		
UniRef90_V6J768	I	Q	A	W	E	Y	Q	P	L	L	G	P	F	L	S	K	S	F	A	S	T	I	S	P	P	W	V	V	T	A	E	A	L	L	E	P	L	R	C	F	T	A	N	G	N	P	K		
UniRef90_A5VD42	F	Q	A	W	E	Y	Q	P	L	L	G	P	F	L	A	K	N	F	Q	T	T	I	S	S	W	V	V	T	A	E	A	L	L	E	P	F	F	R	V	T	A	N	G	N	P	K			
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UniRef90_W4HNT1	I	Q	A	W	E	Y	Q	P	L	L	G	P	F	Q	A	K	A	T	A	T	T	M	S	P	P	W	V	V	P	R	A	L	L	E	P	F	F	R	V	T	A	N	G	N	P	K			
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UniRef90_A8LTH4	I	Q	A	W	E	Y	V	P	L	L	G	P	F	Q	A	K	A	F	A	T	T	I	S	S	P	P	W	V	V	P	R	A	L	L	E	P	F	F	R	V	T	A	N	G	N	P	K		
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170 180 190 200

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UniRef90_V7BRM2	R	D	Y	T	I	G	F	G	T	C	S	G	K	I	V	P	A
UniRef90_UPI00036BB445	E	G	Y	S	I	G	F	G	E	C	R	G	L	I	L	P	A
UniRef90_D3AYC8	D	G	Y	N	V	G	F	G	D	N	V	G	T	I	L	P	I
UniRef90_Q21AX4	D	G	Y	R	V	G	F	G	A	V	E	G	T	V	L	P	A
UniRef90_S4PEV8	E	G	V	R	L	G	F	G	K	C	E	G	K	L	P	A	L
UniRef90_UPI0003629D6F	D	G	Y	R	I	G	F	G	A	C	T	G	T	I	L	P	A
UniRef90_Q1IQ42	E	G	A	R	I	G	F	G	E	C	R	G	I	V	V	P	A
UniRef90_H3FHT5	D	G	S	R	I	G	F	G	D	C	R	S	K	L	P	A	
UniRef90_E1SSR1	P	G	A	R	I	G	F	G	E	V	R	S	T	V	L	P	A
UniRef90_V6J768	D	G	V	S	I	G	F	G	E	C	R	G	R	V	I	A	A
UniRef90_A5VD42	D	G	H	P	I	G	F	G	E	C	R	A	V	V	L	P	A
UniRef90_U4V4P9	E	T	L	T	I	G	F	G	T	C	V	G	R	V	L	P	A
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UniRef90_UPI0002D97E25	P	G	F	S	I	G	F	G	E	C	R	A	K	V	L	A	A
UniRef90_UPI00037573C8	P	G	G	R	I	G	F	G	E	V	S	G	R	I	L	P	A
UniRef90_UPI00034CE496	Q	G	F	R	I	G	F	G	E	C	R	S	A	I	L	P	A
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UniRef90_UPI0003B396B1	F L K P P S A V I G Q	D E T I I P	P E S K R V D Y	
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UniRef90_UPI000360044B	F L K A S T A L V G P	N D D I E I P R G S T K T D		W
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UniRef90_U2H732	Y F T N H N A I Y G P	G D	I P C M P L H M Q Q L D F	
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E T E L G L V L K R K D I T S R Q T T D E N L H E Y I A G A V L V N D Y T A R D D
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E T E L V A A L G K G A N L P V I E Q A L Q H V W G Y A V G L D M T R R D D
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E G E L A V I L G K G G R N I L E E E A V N Y I F A Y T I F N D V T A R D D
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E V E L V V L I R D C V N V T A E N A L N F V A G Y A V G L D M T L R D D
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U n i R e f 9 0 _ D 2 B Z 1 6 E G E L A V I I G K H A D N V S R E T A A L S V V A G Y S C F M D G S V R D
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U n i R e f 9 0 _ U P I 0 0 0 3 7 6 F E 6 9 E G E V A A Y V G Q R V E S A D E A T A A E A V F G Y S T F N D L T A
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G Y N Y R G H V P D P T A D D P A F P D V
I R D G L T F G T H I E N Y F K N V A K T K P V R A V Y E R P G Y
P K F P G Y
I G M N Y A Q H N K E L D G T L P E T P V V
G V G L N Y L E H L K K L G S E A P P H P L S
V G M N Y A D H N K E L Q H T F F S E P T L
P Q H P S Y
I I A V G W N Y L D H N K E M N R T L P K E P V I
C I G R N Y A E H V V E L D H T R E L P D A P Q F
V V C V G R N Y A E H A K E L N N P V P S E P L L
V Y C V G R N F A D H A R E M G A A A P A S P V F
D G S A Y V N H V E L V R K A R G A E L P A S F W T D P L M
E D G K P A P Q F P L L
N F R Q L A A K L S V P E P E E P L Y
I I A I G R N Y A K H I E E L Q N E R P S E P V V
V I C V G M N Y A D H C R E L N Q V D I P Q E P I I
I R D Y L T Y T Q H A K G S G L T V P P A F A A M P L C

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UniRef90_F2K4P3 F I K D A S T Y V A T G A S I D Y P P Q T D N Y H Y
UniRef90_A3UWQ7 F L K L P S S L I L T G E V I Q V P P K A R N V H F
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E L E L V V A I V K I N K V G F R Y I P K F A N K Y Y D D I L D D M T T A R R D D
E I E L V V A I G T A V P M G T N I V S E E E K A E N I F G Y A V G L D D M T T A R R D D
E G E F G V V V G D A V P M G T N I V S E E E K A E N I F G Y A V G L D D M T T A R R D D
E I E L V V A I G R E T T N I V S E E E K A E N I F G Y A V G L D D M T T A R R D D
E M E F V V A I G G R E L S Q A H A Y Q V P A E E A A K R I R L I M L V N D V S L R R G N
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E V E L G T V I G T E L S Y A G S L E E A A A A V A G Y V V A N D L S E R E
E G E V A I V I G K A G G R R I T A Q D D A Y D H I A A G T I C N E G T T A R R D D
E S E I A I V T D D V V M G M A V N S E D A T K H I K L L M L V N D V S L R R N
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E V E L V V V I G G K T G K A G L D A A E A W D Y V A G L A V G Q D V S S E R I
E G E F A V I V G D E V P M G C P A D Q A L Q Y V R L V L V N D V S L R R G
E G E L C L V M G R D A K N I P E D D P L S Y V L G Y T V G N D V S S R Y
E L E F G C Y I G R R G K D I S R R D A A R S H L V G Y T I F G N D M S A R D
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E G E L A V I G G K P G R Y I V P A Q R A M E H V A G Y T C L N E G S V R E
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