

1 10 20 30 40
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QUERY	A	G	L	T	L	E	H	Y	P	G	M	T	E	K	A	L	A	E	V	D	E	A	T	N	R	R	W	P	L	L	G	R	V	T	V	I	H	R	I	G	E	R	L	L									
UniRef90_UPI00025566EA	G	M	F	L	L	E	H	F	P	G	M	T	E	K	A	L	A	G	K	I	V	D	E	A	T	N	R	R	W	P	L	L	G	R	V	T	V	I	H	R	I	G	E	R	L	L							
UniRef90_D0I6Y4	G	L	T	L	L	E	H	Y	P	G	M	T	E	K	S	L	A	G	S	N	I	V	D	E	A	T	N	R	R	W	P	L	L	H	K	V	E	R	V	E	L	I	H	R	R	R	V	G	G	A	Q	L	L
UniRef90_K4KJU4	G	L	F	L	L	E	H	Y	P	G	M	T	E	K	S	L	A	G	S	N	I	V	D	E	A	T	N	R	R	W	P	L	L	I	M	R	V	E	L	I	H	R	R	R	V	G	G	A	Q	L	L		
UniRef90_V5CAS0	A	L	S	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	G	E	I	V	A	D	E	A	T	N	R	R	W	P	L	L	Q	R	R	V	T	V	I	H	R	R	V	G	G	D	L	L				
UniRef90_W1ISA8	A	L	L	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	Q	K	I	V	A	D	E	A	T	N	R	R	W	P	L	L	Q	R	R	V	T	V	I	H	R	R	V	G	G	K	L	L				
UniRef90_S6AA21	E	M	T	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	E	I	V	M	G	E	A	T	N	R	R	W	P	L	L	I	G	A	L	V	I	H	R	R	I	G	I	G	A	L	L					
UniRef90_C7BRY9	G	L	R	L	L	E	H	Y	P	G	M	T	E	K	V	L	R	N	I	V	V	E	A	T	N	R	R	W	P	L	L	Q	R	R	I	S	I	I	H	R	R	V	G	A	L	L	L						
UniRef90_B7VLU8	G	L	S	L	L	E	H	Y	P	G	M	T	E	K	S	L	A	S	E	I	V	C	D	Q	A	E	A	R	W	P	L	L	Q	K	M	R	V	I	H	R	R	V	G	G	D	L	L						
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UniRef90_E8XMD2	A	L	T	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	E	I	V	A	K	A	R	T	N	R	R	W	P	L	L	Q	R	V	S	V	Y	H	R	R	V	G	G	P	L	M						
UniRef90_I1DV55	S	M	T	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	T	A	I	V	A	E	Q	A	T	N	R	R	W	P	L	L	Q	R	V	H	L	H	R	R	V	G	G	T	L	L						
UniRef90_U3ALD8	G	L	H	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	D	I	V	C	N	Q	A	E	A	T	N	R	R	W	P	L	L	G	V	R	I	V	I	H	R	R	V	G	G	D	L	L				
UniRef90_V9ZZM8	G	M	S	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	D	I	V	A	Q	A	E	A	T	N	R	R	W	P	L	L	F	E	C	Y	H	R	R	V	G	G	D	L	L							
UniRef90_GOA930	Q	M	L	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	S	A	I	V	A	D	E	A	T	N	R	R	W	P	L	L	I	F	D	A	L	V	I	H	R	R	V	G	G	T	L	L				
UniRef90_Q4ZXJ7	G	M	F	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	K	I	V	A	D	E	A	T	N	R	R	W	P	L	L	L	R	V	D	V	L	I	H	R	R	V	G	A	L	L						
UniRef90_A1SBH4	D	L	T	L	L	E	H	Y	P	G	M	T	E	K	V	L	D	Q	I	V	A	D	E	A	T	N	R	R	W	P	L	L	N	H	L	T	L	I	H	R	R	V	G	T	L	M							
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UniRef90_UPI000420E386	A	L	F	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	S	D	I	V	A	S	Q	A	K	L	R	W	P	L	L	I	N	D	V	A	V	V	H	R	R	V	G	G	R	L	L					
UniRef90_U7A4A3	S	L	F	L	L	E	H	Y	P	G	M	T	E	R	S	L	R	G	I	V	A	Q	A	E	Q	R	W	P	L	L	L	R	V	E	L	V	I	H	R	R	V	G	L	L									
UniRef90_J2WDA2	E	L	F	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	E	Q	I	V	A	D	E	A	T	N	R	R	W	P	L	L	L	G	V	E	I	V	H	R	R	V	G	L	L							
UniRef90_Q8XZR3	E	M	E	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	N	I	V	D	A	A	M	Q	R	W	P	L	L	L	I	D	A	L	V	I	H	R	R	V	G	K	L									
UniRef90_S9QK05	S	M	L	L	L	E	H	Y	P	G	M	T	E	R	A	L	T	Q	I	V	C	E	E	A	Q	T	R	W	P	L	L	A	D	V	L	V	I	H	R	R	F	G	T	M									
UniRef90_H2FWH8	G	M	T	L	L	E	H	Y	P	G	M	T	E	H	A	L	A	Q	I	V	S	E	A	Q	G	R	W	P	L	L	L	Y	E	C	R	V	I	H	R	R	V	G	A	L	L								
UniRef90_K9DCP6	E	M	E	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	D	I	V	A	R	A	C	E	R	W	P	L	L	L	G	Y	G	T	L	V	I	H	R	R	V	G	P	L	L							
UniRef90_E7RU26	G	M	T	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	D	I	V	C	Q	R	A	C	E	R	W	P	L	L	L	G	V	T	V	I	H	R	R	V	G	P	L	L								
UniRef90_DOU4G1	K	M	T	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	E	S	I	V	A	T	Q	A	Q	G	R	W	P	L	L	G	S	N	I	T	I	H	R	R	V	G	D	L	L							
UniRef90_R4WYP7	T	M	E	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	E	S	I	V	A	T	Q	A	Q	G	R	W	P	L	L	G	S	D	V	L	I	V	H	R	R	V	G	K	L							
UniRef90_W0V4D7	E	M	E	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	I	T	A	L	V	E	Q	A	K	Q	R	W	P	L	L	Y	G	A	L	V	I	H	R	R	V	G	P	L	L							
UniRef90_UPI00035EEC47	C	M	E	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	E	M	I	V	D	E	A	Q	Q	R	F	E	L	L	R	A	A	R	V	I	H	R	R	V	G	L	L									
UniRef90_Y0KGM8	T	L	T	L	L	E	H	Y	P	E	M	T	E	K	A	L	A	Q	A	I	V	D	Q	A	Q	R	W	P	L	L	L	M	D	A	V	V	I	H	R	R	V	G	T	L	L								
UniRef90_W8QVC7	G	M	F	L	L	E	H	A	P	G	M	T	E	K	A	L	L	K	I	V	E	E	A	T	A	R	W	P	L	L	L	K	L	E	I	L	H	R	R	V	G	R	L	L									
UniRef90_V5PTJ4	R	M	T	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	S	A	I	V	A	Q	A	H	E	R	W	P	L	L	L	E	D	A	L	V	I	H	R	R	V	G	D	L	L							
UniRef90_M5DX35	G	L	F	L	L	E	H	Y	P	G	M	T	E	R	S	L	A	E	D	I	V	A	Q	A	R	W	P	L	L	L	Q	V	R	L	I	H	R	R	V	G	Q	L	L										
UniRef90_D2TYC3	T	L	T	L	L	E	H	Y	P	V	M	T	E	K	A	L	Q	N	I	V	A	N	E	A	R	C	R	W	P	L	L	Q	R	I	C	I	H	R	R	V	G	T	L	L									
UniRef90_Q47CH2	E	M	T	L	L	E	H	Y	P	V	M	T	E	K	A	L	E	E	I	V	A	E	A	R	G	R	W	P	L	L	L	Y	D	A	L	V	I	H	R	R	V	G	P	L	L								
UniRef90_W0DPG3	Q	L	E	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	E	A	I	V	R	Q	A	H	Q	R	W	P	L	L	L	E	S	S	L	I	H	R	R	V	G	K	M									
UniRef90_UPI00037BF2DF	A	M	T	L	L	E	H	Y	P	G	M	T	E	K	A	L	A	D	I	V	E	Q	A	K	A	R	W																										

QUERY UniRef90_UPI00025566EA UniRef90_D0I6Y4 UniRef90_K4KJU4 UniRef90_V5CAS0 UniRef90_W1ISA8 UniRef90_S6AA21 UniRef90_C7BRY9 UniRef90_B7VLU8 UniRef90_J7TF97 UniRef90_UPI0002DEFEB6 UniRef90_E8XMD2 UniRef90_I1DV55 UniRef90_U3ALD8 UniRef90_V9ZZM8 UniRef90_G0A930 UniRef90_Q4ZXJ7 UniRef90_A1SBH4 UniRef90_R8AVV3 UniRef90_UPI0003712CE8 UniRef90_UPI0003685F2A UniRef90_UPI000420E386 UniRef90_U7A4A3 UniRef90_J2WDA2 UniRef90_Q8XZR3 UniRef90_S9QK05 UniRef90_H2FWH8 UniRef90_K9DCP6 UniRef90_E7RU26 UniRef90_D0U4G1 UniRef90_R4WVP7 UniRef90_W0V4D7 UniRef90_UPI00035EEC47 UniRef90_Y0KGM8 UniRef90_W8QVC7 UniRef90_V5PTJ4 UniRef90_M5DX35 UniRef90_D2TYC3 UniRef90_Q47CH2 UniRef90_W0DPG3 UniRef90_UPI00037BF2DF UniRef90_UPI0003A23DC1 UniRef90_UPI0003690D60 UniRef90_R5DYC0 UniRef90_E3F1A5 UniRef90_I4KX80 UniRef90_Q6SGI8 UniRef90_F6ABC6 UniRef90_F0Q0G3 UniRef90_F1W203 UniRef90_UPI00035C9A81 UniRef90_D7DHS6 UniRef90_UPI000255791D UniRef90_UPI00037F6724 UniRef90_L1LRS1 UniRef90_W0TRL2 UniRef90_UPI0003792B38 UniRef90_C9Y6K3 UniRef90_Q2CCH3 UniRef90_Q2WOM6 UniRef90_J3GKR7 UniRef90_W7QV17 UniRef90_J1Q163 UniRef90_A9DUJ9 UniRef90_J2LJL2 UniRef90_W9V6X1 UniRef90_UPI0004646254 UniRef90_UPI000462FFC4 UniRef90_Q089W7 UniRef90_M9QZZ5 UniRef90_B4ESV3 UniRef90_Q21HF9 UniRef90_HOPTI2 UniRef90_K9H448 UniRef90_A3JRD2 UniRef90_UPI0004692A11 UniRef90_A0A011Q874 UniRef90_F3BJ93 UniRef90_W4HID8 UniRef90_UPI0003F5A0F5 UniRef90_UPI0004754C54 UniRef90_UPI000380105F UniRef90_I2JME4 UniRef90_U3U9T1 UniRef90_A6GQ83 UniRef90_UPI00021A5F2D UniRef90_A3W4P2 UniRef90_F9UCI7 UniRef90_Q160R5 UniRef90_H3KD36 UniRef90_UPI000464ECE3 UniRef90_I1XNCO

W P G D E V F V G T S A H R S S A F E A G Q F I M D Y L K T R A P F W K R E
E P G D E V F V G T S S A H R R E S A A F E A G Q F I M D Y L K T T R A P F F W K K R E
D L G D D Q V F V G T S S A H R R K G A A F F A C C C E F F I V M D Y L K T T R A P F F W K K R E
A P A D D Q V V Y V G V S S A S A H R R K D A A F F A C C C E F F I V M D Y L K T T R A P F F W K K R E
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Y P G D D E V F V G V T S S A T H R R G M A F F A A A E F F L M D Y L K T T R A P F F W K K R E
K P T D D Q V L V A V S S A H R R G D A F A A A E F F L M D Y L K T T R A P F F W K K R E
Y P G D E V F V G V T S S A H R R S M A F D A A A E F F I V M D Y L K T T K A P F F W K K R E
D L G D D Q V F V G V S S A H R R G A A F E A C C C E F F V L M D Y L K T T R A P F F W K K R E
Y P G N D E V F V G V S S A H R R G M A F F A A N E F F I M D Y L K T T R A P F F W K K R E
D L G D D Q V F V G V S S A H R R N A A F E A C C C E F F V M D Y L K T T Q R A P F F W K K R E
Y P G D E V F V G V T S S A H R R G A A F A A N E F F I M D Y H K T T R A P F F W K K R E
K P H E Q V F V G I A S P H R R A A A F F A C C C E F F I M D Y L K T N R A P F W K K R E
D L G E Q V F V G V S S A H R R A A A F F A C C C E F F I M D Y L K T T K A P F F W K K R E
L L G D D Q V L V A V S S A H R R D A A F F A C C C H F M D Y L K T T R A P F F W K K R E
L P L D D Q V L V A V S S A H R R D A F F A A C C C C E F F I M D Y L K T E A P F F W K K R E
E P L G E P V F V G V A S S A H R R Q A A F F A C C C D F V M D Y L K T T R A P F F W K R E
H L G E Q V F I G V S S A H R R K A A F F A A C C C E F F L M D F L K T T K A P F F W K L E
G S G E Q V Y V G V S S G H R R L A A F F A A A E F F I M D Y L K V R A P F W K K E
Y P L D D Q V L A A A T A S H R R H D A F A A C C C E F F V M D Y L K T T Q A P F F W K K E
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K P L D D Q V L V A T T A M H R R K E A F F E S C A F V M D Y L K T T Q A P F F W K K E
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E P G E P V F V G V S S A H R R A A A F D A C C C E F F M D Y L K T T R A P F F W K K E
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F A T D D Q V F V G V S S G A H R R G E A F K A C C C E F F I D Y L K T T E A P F F W K K E
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K V N D D Q V L V V T T S K H R R A A F F E S C H F I M D Y L K T T D A P F F W K K E
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A P Q D D Q V L V A V T S A H R R G Q A S F A A C C C E F F I M D Y L K T T Q A P F F W K K E
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G A E E P M M V A T A S R H R R R A A F E A A D F F L M D Y L K T S R A P F F W K K E
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L P G D D Q V L V A V A G S A H R R G E A F F A C C C E F F I M D Y L K T T R A P F F W K K E
Q P T E G V L V A V T S A H R R G Q S F Q A C C C E F F I M D Y L K T T Q A P F F W K K E
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E P G E P V L V A A S S A H R R D A A F F A C C C R F F I M D W L K T T D A P F F W K V
S L S E P V F V G V S S P H R R Q A A F F A C C C A F F I M D Y L K T T D A P F F W K R E
Q L G E Q V F V G V T S Q H R R Q A A F E A G Q F I M D I L K T T Q A P F F W K K E
L P G N E Q V F V G V A S A H R R A A G F A A G E F F I M D Y L K T N R A P F F W K K E
V P G E Q M M V A S A A R H R R R A A F E A A E F F L M D Y L K T S R A P F F W K R E
Q P L D D Q V L V A V T S A H R R G E S F K A C C C E F F L M D Y L K T T Q A P F F W K K E
E P T D P V L V L A V S S H R R H A F D A C C C A F I D Q L K T T Q A P F F W K K E
T A Q A Q V L V A A T S L H R R Q A A F F A C C C A F F I M D Y L K T T E A P F F W K K E
M P C D D Q V L V A V S S R H R R E A A F E A A H F F I M D Y L K T T N A P F F W K K E
S L G E Q V F I G V T S A H R R K A A F F A A C C C E F F L I D F L K T T K A P F F W K L E
E A H E S I M M V A T A S Q H R R K S A F F A A C C C E F F L M D Y L K T S R A P F F W K K E
N I G E E V F V G V T S A H R R H S A F E S A E F F I M D F L K T T R A P F F W K K E
A A G D D Q V F V G V S S R H R R K N A S F A A C C C E F F M I D I L K T T Q A P F F W K K E
E P G D R V F V G V A G A H R R G E S F A A C C C E F F I M D Y L K T T R A P F F W K K E
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L P L D D Q V L V A V T S A H R R G N A F F A A C C C E F F I M D Y L K T S E A P F F W K K E
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I P G D D L F V G L S S A H R R S A F I A I Q F V D Y L K T M Y A P F F W K Y E
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K P L D T V L V A V A S P H R R Q N A F L A C C C E F F I M D F L K T T R A P F F W K K E
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I G D A D F D Q Q W L Y N R L R A K G N V G A I V T F T G L V R D N
D S F T I T F A P L S L D E V Y R L A D D E A N G A I V M S G M V R V V
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UniRef90_C1D9S3	A	L	E	L	E	H	Y	P	G	M	T	E	K	S	L	H	A	I	I	A	E	A	G	Q	R	W	P	L	L	A	A	V	T	V	I	H	H	R	I	G	T	I	V	
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UniRef90_S8AXZ5 N I H L T L T Y S P L D P N T Y L A E T S S A A A G A N V L F L G T T R D T
UniRef90_I0XM94 E T Y S H I S S S P I F V S S Q L P D I P E M G G F V V F S G I V R V T
UniRef90_B2GIJ1 R A G I T E E P L D G E L A R E V A D P G C G A V V G F S G V I R V T
UniRef90_A7H9H2 D P R F Q V V D R P L A L A E V V D A V S A P G R G G I V T F S G A V R V L
UniRef90_E9UZF3 I R E T P L D V S E V M D A L D D D A S G G V T L F V G R V R V T
UniRef90_F9XQE9 N I Y V S L T Y D P L D A T A Q M A R V K S P Q A G A V V L F A G T R I T
UniRef90_P91500 D D H I K L T D E V I D V K V V D Q L V S H P S C G A I S T F N G V T R D N
UniRef90_N0DYI0 V A L R E A P L S V D E V L D A V R D P A S G A V V F I G V V R V N
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UniRef90_Q5FTS0 R F R M A S A P V D L N A L R E D L H L A V A G G F C T F E G W V R V D
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UniRef90_UPI0003641459 V A V R E E P L S L D E V F A A V G D P A A G G T A L F V G T V R V T
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UniRef90_K0C8T0 I K I I Q K A F D P W H E L R E M K R E G E F G A C A N F I G T M R V N
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UniRef90_G0P195 N D Y V K L T D E K L D V G S V D R L V S D P T C G A L S T F N G V T R V T
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UniRef90_F7XLN1 E C G A I G T F T G I V R T R
UniRef90_B9JUW7 I R V Q R D N F D A A V E T A F I T D R A D I G A L V S F V I G L C R D D
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UniRef90_UPI00036DED01 A D G M F C I T Q G Q P L N G E S L L D K V L D A N H G A T L L F V G T T R T T
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UniRef90_UPI00037A0E69	T L V L K W H P R M T	E K E S L D D G L	I A R N G L S T R F F G	V D V V R V L H H R L
UniRef90_UPI00035FD502	H L D Q Y F E A Y R E	M A L N E M R K T	A A A D A V L T K G F	D I A V R T L L H R L
UniRef90_UPI0003764E35	S R L S T Y S A Y P S	L A L K S L Y A I	A E D V Q K K H G L	E K I V I V H H R L
UniRef90_W9YJ09	S S V T E Y K A Y S	P M A E A E I K K	I A S E I R K K W Q	I D N L T I V H H R L
UniRef90_Q4PNH6	H L E Y E A Y S P M	A E A E I K K I	G R D V R Q K W P	V V K H I A V H H R L
UniRef90_X1JLM5	C L D Y E A Y E S P	M A E A E I K K	I G C D L A A T H	G C D L A V H H R L
UniRef90_UPI00046BF0F5	Y I L D Y E A Y F A	P M A E K M M A Q	A A L A R A T H	G E L R V A L V H H R L
UniRef90_Q01U18	S L E Y E A Y L P M	A E N E V R R K I	C S E I R Q K W P	V T H I A V F H H R L
UniRef90_Q9RR88	S L F Y E A Y E P M	A E A E M G R L I	S D E A L R R Q F	V D R R L C L W H R L
UniRef90_G1TZ14	H L I Y S A Y L G M	A E R E G T R I I	S E A K A Q F D I	V D A A C M H H R L
UniRef90_G2SGB6	H L E Y E A Y S E M	A N Q M I H S I	I M D S K N K W E	L L Q Y A N C I H H R L
UniRef90_C8NAQ1	A L E L Q Y T A Y Q	P Y T L P A M E K	I A E R V H R R R	N L D G L L I V H R L
UniRef90_BOSEP9	E L S Y E G Y E P M	A I K E L T K L	C K E A K E K Y H	V I E K I V A V H H R L
UniRef90_G6ECR9	S L S Y E D A Y H	D L M A Y K K L	R K A R R E A R Q	H P L R K I V I F H H R L
UniRef90_D7DDB5	H L S Y E G Y A P M	A G K V M R R D	A A A R A R A R Y	G T L R V V V Q H H R L
UniRef90_B5YM31	H L D Y T A Y D A M	A L S Q M R A I	A A A A V E K F S	V R D V A I V H H R L
UniRef90_H2WMD9	R L D F E A Y E P M	A I S E M R K L	I A E Q A V E K F	S V L K K A I Y H H R L
UniRef90_UPI00036D9472	T R D Y E A Y R E M	A I T S Q M E G L	A A E A L V K F G	V L R D V A L L H H R L
UniRef90_I3ZJM9	A G E L E H Y P G M	A E A E I G R I	A A Q A A A R W P	L L G L R V V H H R L
UniRef90_I2EUU3	R L E Y E A Y E A M	A R K E M L L A	C A A V A R W S V	L R G H I A I A H H R L
UniRef90_E8WWJ4	T L E L E H Y P G M	A T E A A L E R V	I A A Q A V A R W	S V L R G A T I V H H R L
UniRef90_UPI00037047CC	A L E M E A Y D E M	A L D K L K E V I	A S Q A K D K F D	I V D I A I V H H R L
UniRef90_R1BYF7	S M T L D Y Y P G	M T E K Q L E G K	I L G D A G R K W	E I S N A V A M H H R L
UniRef90_A0A03113J1	R L A Y S S Y A P M	A L A T M M A V I	A E E A A G K H G	L V G V S I A H H R L
UniRef90_X1MKW5	G M V L E H Y P G M	T E K Q L D D D I	V K Q A L C D W H	L L D A L V V H H R L
UniRef90_V5BL99	Y L E Y V A Y K T M	A E K M L E K I	G L E V K E K W P	G T H V A I T H H R L
UniRef90_G6XL73	R L Y T S Y A P L A	L R T L E K I A	A R G A V T K Y Q	L C G I S I S H H R L
UniRef90_C5G0E5	R L D Y E A Y E P M	A L A E M R A V	A L E V A E R H D	G T R V A I A H H R L
UniRef90_G4ST15	Y L E Y E A Y R P M	A E A K M R Q V	A E E I R N R W P	V V E I A I V Q R L
UniRef90_Q816U7	A L N Y E C Y L K M	A Y L E L E R I	V N N S Y K L W P	L I H V I V L H H R L
UniRef90_CONQH4	E L R Y E A Y A M A	R R L L A G I	L R E A R S R H A	L R R L A V A H H R L
UniRef90_W0RKJ4	E L H Y E A F H E A	M A K V M E E I	R K E A L K K F G	V L R E L F V H H R L
UniRef90_B2YI90	G L R Y E A Y V I E	L A E A E G A R I	L D E A L A R F D	L L E A C A V H H R L
UniRef90_Q5D8Y9	R L S Y E A Y P M A	E A E M L K I	C A V A R A R F E	A K R C C L H H R L
UniRef90_K3YVS9	R L E Y E A Y E P M	A E K K M L E I	C A S I R Q Q W Q	V H K I A M I H H R L
UniRef90_D3SPF4	F E D Y T S Y A P L	A L R T L S S I	A R D A V A K H G	L C G V S I A H H R L
UniRef90_UPI000479B341	E L S Y S C H P T A	E A E V L R R V	A E K V V A D Y P	V V R A L A A V H H R L
UniRef90_F0YHN5	A L E L T F Y A P L	T L P G M E E L	A Q T A I N R F V	L E G A L V W H H R L
UniRef90_UPI00047A2AAD	A L C L E H Y P G M	S E A A L N D I	L S E A Q A V A R	F D L A G C T V I H H R L
UniRef90_UPI00037AC413	G M T L E H Y P G M	S T E R Q L E I	L S E A A R Q W P	V I D A L V I H H R L
UniRef90_Q4TB40	G L E Y E A Y E P M	A R S E F S K L	C A D I R Q R W P	V A N I C V H H R L
UniRef90_UPI00026C6C42	R L E Y T S H P S A	P A V I A E V A	A A E I A E Q Y P	D V L V A V A H H R L
UniRef90_B2G7N7	K I L Y S A Y H P S	A E K Q L E K I	A A P I E K Q G G	R V V V A H H R L
UniRef90_E8RLB9	H L W L D W Y P G M	S E Q S L K A I	A E A A A E R F D	V Q A L L V A H H R L
UniRef90_N1VZQ0	H L E Y E A Y S P M	A N Q M I A D I	I S D T F K K W D	V L Q F A E C I H H R L
UniRef90_S8AXZ5	F E S Y T T Y P P L	A K T M L K A I	A E D A V Q K H	L Q G V S I A H H R L
UniRef90_I0XM94	H L E Y E A Y A P M	A N E M I A G I	L A D A R N K W D	L L H T N C V H H R L
UniRef90_B2GIJ1	G L A Y S A H P S A	A Q V M A E V	V A G T A R E H P	G T R V W A E H H R L
UniRef90_A7H9H2	R L D Y Q A H P T A	L A R L T E V L	A E K V A A D H G	V A G V A A V H H R L
UniRef90_E9UFZ3	H L S Y T T Y P S L	A L R T L R L R	S T S I L T S H S	L T S I A I T H H R L
UniRef90_F9XQE9	H L G S Y D C H P S	A L M A Y K L R	G E I R A E Y P	V K K I A I F H H R L
UniRef90_P91500	A L D Y S A H P S A	L D R L Q E V	C A S V G A R T P	G V R L A A V H H R L
UniRef90_N0DYI0	F L E Y E A Y E S L	A E S G L A I	L A E V R E K Y D	L E V L C A H H R L
UniRef90_I0ILP2	A I E Y E A Y R S M	A I S S L T D I	I T R C E A V A E	D V R V A V A H H R L
UniRef90_D3PUF6	G L E Y E S Y E A L	A Q L E G E R I	V A E A L E R F E	I S Q A V A M H H R L
UniRef90_Q5FTS0	A L E F E A Y K S M	A L K E M G K I	A G E A T Q K W E	L N K V V I R H H R L
UniRef90_G0L7Y4	E L H Y E A Y F P M	A L K V M E E I	R Q E A L A K F P	I K E V F I H H R L
UniRef90_W0DC20	G L H Y E A Y E S M	V Q S E F T K L	C A E L R G C W P	V K H I C V H H R L
UniRef90_UPI0002A4A50F	A L D Y E A Y P M A	L S K L K E I	G D E V Q Q A R W	N A R C A I S H H R L
UniRef90_W4CI73	E I E L E A Y E M A	L V L P E L E K I	A A E A Q A A Y H	L S I D L I H H R L
UniRef90_A7IA82	G L G Y S S H P T A	E A E M R R I	A E K V A A G Y P	V R A L A A V H H R L
UniRef90_UPI0003641459	G L E Y T S Y P L A	E A E M I R Q I	E M E V S Q K Y G	A S Y L R V A H H R L
UniRef90_V2TVC5	G L G Y S A H P S A	E A E M R R I	A E K V I A D F P	V R A L A A V H H R L
UniRef90_J1S9E8	G M F L E H Y P G M	T E K H L E K I	V Q S A K K Q W D	L L E T L V I H H R L
UniRef90_K0C8T0	G L D Y Q A Y L P L	A E T E A L A V	L S E A E T R F D	I L A A S C I H H R L
UniRef90_UPI00046E9E97	W V L Y K A D L G G	T A E N R L Q E I	V S E V R K W Q L	N N I A I C H H R L
UniRef90_X11UH7	T L Y Y E C Y E S M	A L K E M H K L	L S E K A I T D Y N	L S G I A V Y H H R L
UniRef90_J9IEA3	D L E Y V A H P S A	E Q V L R E V I	A E D V A R R L P	L R A L A V S H H R L
UniRef90_UPI000474E5C4	H L E Y E A Y S E L	A N Q M I I Q K I	R E E M M Q Q D G	I D V L I H H K A G R I
UniRef90_R8ZS31	N E D Y E K Y D K	V A D A S I Q K I	R E E M M Q Q D G	I D V L I H H K A G R I
UniRef90_Q12YV0	H L S Y E D C H D L	M A Y K K L R G I	C C G D V R R K W P	V I S K I A I F H H R L
UniRef90_G0P195	S L E Y E A Y I P M	A E N E V R R I	C C K S L K Q K E	G I N E V L I H H K S G M I
UniRef90_UPI0003BB9970	M L V F E K Y E D V	A E Q K I Q D I	C C K S L K Q K E	G I N E V L I H H K S G M I
UniRef90_F7XLN1	A L E L E H Y P G M	A E A E M N R A	A T L A I D R F D	L E M A L T V L H H R L
UniRef90_B9JUW7	G L F L Q S Y S P M	A E A E G V E A A	V T E Q A L N R W	P L E A L S V Y H H R L
UniRef90_UPI0003B70F97	H L S Y C A Y T P L	A L K T L S H I	A R T L L Q K H S	L T S I A I T H H R L
UniRef90_M3BBC9	M L E F E K Y E T V	A E K I N Q I	S V E L K Q K P G	I V D V L I H H K S G R V L
UniRef90_D7EAY2	A L K Y T S Y T P	V A E K M I R Q I	E Q D I Q K Y G V	P Y V R V I H H R L
UniRef90_A0A009Z9N9	A L E F E T Y E G V	A D R K M A A I	A E E L E S R D G	V H R V L M H H R L
UniRef90_M0LWN7	A L H Y E A Y V P M	A L A K L Q E I	G S E V G E R W N	A R C A I A H H R L
UniRef90_UPI00036DED01	H L A Y T A Y A P M	A L A K L R D I	E R A V A A K H G	V P Y L R V V H H R L
UniRef90_UPI00035FB115	A L Y Y E A Y I P M	A L S K F E E I	G R E V K E R W Q	A R C A I S H H R L
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UniRef90_C1A904	A L G Y E A Y H P M	A E A L R E I	A E E I A A R P G	V H H R V A V S H H R L
UniRef90_UPI0004151770	L L D Y T A H P G A	G A E L R R V	A E K V A A D F P	V R A L A A V H H R L
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UniRef90_UPI00035FD502 T V G E T S V L V V V A S A H R R E A A F D A C C E R W L I D D T L K K K R V P I W K K R Q
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UniRef90_Q4PNH6 K P E D M I V F V G C A S A H R R Q A A F D A C C Q R Y A I L M D Y L K K T Q D A P T F W K K R E E
UniRef90_X1JLM5 K V G D I N L V V A I A S A S A H R R Q A E G F A A C C Q R Y A I D D Q Y L K K T Q K A P T Q K K E
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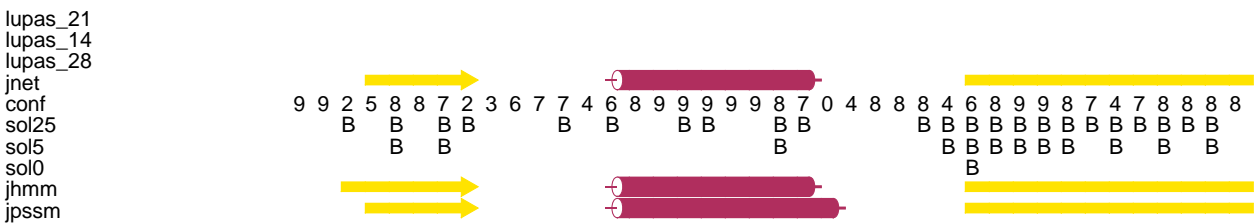
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