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

QUERY	K	L	F	E	A	N	A	S	H	V	I	S	Q	H	Q	A	I	G	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S			
UniRef90_Q3A944	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_M1Z9B1	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_G2LJ89	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_Q9X1U7	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_R7PRE8	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_M2TAT1	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_Q8DLP3	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_E4RP52	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_E4L720	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_T2G8G4	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_R6II41	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_E6SLM5	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_Q2RFX7	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_F3Z120	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_Q72E02	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_UPI0003FFAE08	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_UPI000404E9E5	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_UPI0003B6ED2E	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_R1CRX3	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_C4XI08	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_UPI000361B0DF	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_C6BSP8	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_E4TF57	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_K4AQY8	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_C0QTG5	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_D6SSD0	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_F5LA74	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_Q0G1M1	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_V4R394	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_X4ZIW5	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_K9H4Q0	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_K9VXY4	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
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UniRef90_D1AE21	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
UniRef90_Q2N8Z5	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
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UniRef90_UPI00031807B2	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
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UniRef90_V2Q4C7	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
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UniRef90_F5SH07	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
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UniRef90_D3DFW7	K	V	R	A	R	A	F	L	K	N	V	M	R	N	Y	P	Q	I	L	G	E	E	I	R	T	D	G	K	I	S	E	S	D	A	K	L	K	S
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UniRef90_Q1AVH7	K	A	M	K	K	V	A	G	T	L	R	L	D	L	A	S	Q	Y	R	E	L	L	A	F	A	Q	F	G	S	D	L	D	D	K	A	S	T	Q	Q	A	Q	L	L	A	
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UniRef90_K2LYG7	K	A	M	K	Q	V	A	G	S	L	R	L	D	L	A	Q	Y	R	E	M	E	A	F	A	Q	F	G	S	D	L	D	P	A	S	T	Q	Q	K	L	L	A				
UniRef90_Q2J6N1	V	K	A	M	K	Q	V	A	G	R	L	R	L	D	L	A	Q	Y	R	E	L	E	A	F	A	Q	F	G	S	D	L	D	D	K	A	S	T	Q	R	D	L	L	A		
UniRef90_M1E6L7	T	K	A	M	K	Q	V	A	G	R	L	R	L	D	L	A	Q	Y	R	E	L	A	F	A	Q	F	G	S	D	L	D	D	K	A	S	T	Q	R	D	L	L	A			
UniRef90_D1BCV2	K	A	M	K	K	V	S	G	T	L	R	L	D	L	A	Q	F	R	S	L	L	E	A	F	A	M	F	A	S	D	L	D	P	A	S	T	Q	R	A	R	L	L	A		
UniRef90_R4K970	K	A	M	K	Q	V	S	G	T	L	R	L	D	L	A	Q	Y	R	E	L	L	A	F	A	Q	F	G	S	D	L	D	D	K	A	S	T	Q	K	A	R	L	L	E		
UniRef90_V4GSV4	V	K	A	M	K	Q	V	A	G	T	L	R	L	D	L	A	Q	Y	R	E	L	L	A	F	A	Q	F	G	S	D	L	D	D	K	A	S	T	Q	K	A	R	L	L	E	
UniRef90_S8BN79	V	K	A	M	K	Q	V	A	G	S	L	R	L	D	L	A	Q	Y	R	E	L	V	A	F	A	Q	F	G	S	D	L	D	D	A	S	T	Q	K	S	T	L	L	A		
UniRef90_C6XL24	K	A	T	K	Q	V	A	G	T	L	M	K	S	D	L	A	Q	F	R	E	M	A	F	A	K	M	F	G	S	D	L	D	D	A	S	T	Q	R	Q	L	L	A			
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UniRef90_R7QMR3	K	A	M	K	Q	V	A	G	S	M	K	L	E	L	A	A	Q	H	R	E	M	A	F	A	Q	F	G	S	D	L	D	D	A	S	T	Q	R	L	L	N	L	N			
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UniRef90_X1DFW6	T	K	A	M	K	Q	V	A	G	R	L	R	L	E	L	A	Q	Y	R	E	L	L	A	F	A	S	Q	F	G	S	D	L	D	D	K	A	S	T	Q	R	A	Q	L	L	E
UniRef90_Q39ZT9	V	K	A	M	K	Q	V	A	G	T	L	R	L	S	L	A	Q	Y	R	E	M	A	F	A	Q	F	G	S	D	L	D	D	A	A	T	Q	K	Q	L	L	A	N	D	N	
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UniRef90_B6K0K8	V	K	A	M	K	K	V	A	G	P	I	K	L	F	L	A	Q	Y	R	E	V	A	S	F	A	Q	F	G	S	D	L	D	D	A	P	G	T	R	A	T	L	L	N	D	N
UniRef90_Q0C0Z8	T	K	A	M	K	K	V	A	G	S	M	K	G	E	L	A	Q	Y	R	E	M	A	F	A	K	F	G	S	D	L	D	D	A	A	T	Q	R	L	L	N	D	N			
UniRef90_Q7NCS3	T	K	A	M	K	K	V	A	G	S	K	L	R	L	E	L	A	Q	F	R	E	M	A	F	A	S	Q	F	G	S	D	L	D	D	K	A	S	T	Q	A	Q	L	L	A	
UniRef90_K2JM37	K	A	M	K	Q	V	A	G	S	I	L	R	L	D	L	A	Q	Y	R	E	L	E	A	F	A	S	Q	F	G	S	D	L	D	D	K	A	S	T	Q	R	L	L	A	N	E
UniRef90_U9UBA5	T	K	A	M	K	Q	V	A	G	S	L	K	L	Y	L	A	Q	Y	R	E	V	A	F	A	Q	F	G	S	D	L	D	D	A	A	T	S	R	F	L	L	L	N	E		
UniRef90_J9H7F8	T	K	A	K	K	I	A	G	R	L	R	L	D	L	A	Q	Y	R	E	M	E	A	F	A	A	F	G	S	D	L	D	D	A	A	S	T	K	A	Q	L	L	N	E		
UniRef90_UPI000373E6F3	K	A	M	K	Q	V	A	G	S	I	K	G	E	L	A	Q	Y	R	E	M	A	F	A	A	A	F	G	S	D	L	D	D	A	S	T	Q	R	L	L	N	E	N			
UniRef90_A3TGE1	T	K	A	M	K	G	V	S	G	R	L	K	L	D	L	A	Q	F	R	A	L	E	A	F	A	M	F	A	S	D	L	D	D	P	A	S	T	K	A	R	L	L	A		
UniRef90_UPI00047A44B3	K	A	M	K	K	V	S	S	K	L	K	L	E	L	S	Q	Y	R	E	L	L	A	F	A	S	Q	F	G	S	D	L	D	D	T	D	S	T	R	D	R	L	L	A		
UniRef90_L0P833	K	A	M	K	Q	V	S	G	S	L	K	L	F	L	A	Q	Y	R	E	V	A	F	A	Q	F	G	S	D	L	D	D	T	K	S	T	K	L	L	L	S	A				
UniRef90_UPI000379AC82	K	A	M	K	Q	V	A	G	T	L	K	G	E	L	A	Q	Y	R	E	M	A	F	A	Q	F	G	S	D	L	D	D	A	S	T	Q	R	L	L	N	D	N				
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UniRef90_UPI0003B63D68	K	A	M	K	K	V	A	G	M	L	R	L	E	L	A	Q	Y	R	E	L	E	T	F	A	Q	F	G	S	D	L	D	D	P	A	T	L	K	Q	L	L	E	A			
UniRef90_Q2RV20	K	A	M	K	Q	V	A	G	S	I	K	L	E	L	A	Q	Y	R	E	M	A	F	A	Q	F	A	S	D	L	D	D	P	A	T	Q	K	L	L	L	A	A	E			
UniRef90_K1Y717	T	K	A	M	K	K	V	A	G	T	L	K	I	D	L	A	Q	F	R	E	L	E	A	F	A	Q	F	A	S	D	L	D	D	E	A	T	T	R	K	Q	L	L			

UniRef90_C5CIV6 R G E K L T E L L K Q Q P Q Q Y S P M P V M E E E Q Q V V V V I Y A G T K G G Y L D D R D L P T E V G S
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UniRef90_Q1AVH7	D	V	P	D
UniRef90_A9BFX5	D	R	I	R
UniRef90_K8GIW2	K	V	A	R
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UniRef90_Q2J6N1	D	D	I	R
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UniRef90_D1BCV2	D	V	R	E
UniRef90_R4K970	K	I	K	E
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UniRef90_R7QMR3	K	I	K	E
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UniRef90_UPI0002F39906	R	V	I	N
UniRef90_UPI000370F646	R	V	I	N
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UniRef90_UPI0003B4DF07	D	V	L	R
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UniRef90_A0A024KI1	K	V	G	D
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UniRef90_R5Q0U7	K	I	A	R
UniRef90_T2MGZ6	K	V	T	S
UniRef90_E8RBC5	V	L	A	T
UniRef90_X1DFW6	K	I	L	R
UniRef90_Q39ZT9	V	L	R	R
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UniRef90_Q0C0Z8	D	V	T	R
UniRef90_Q7NCS3	G	Q	V	P
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UniRef90_U9UBA5	R	V	T	E
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UniRef90_UPI000373E6F3	K	V	I	G
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UniRef90_UPI0003B63D68	L	C	R	K
UniRef90_Q2RV20	D	V	V	R
UniRef90_K1Y717	E	I	K	R
UniRef90_G9PHF7	D	V	S	R
UniRef90_D8F233	A	V	A	E
UniRef90_UPI0003B4F8E8	V	L	G	Q
UniRef90_H5UMS2	D	V	R	R
UniRef90_A7ZC35	N	V	T	K
UniRef90_UPI000288494A	D	V	I	R
UniRef90_B1W0A5	D	I	L	R
UniRef90_R6LEE8	D	I	L	A
UniRef90_D8PA90	K	V	L	Q
UniRef90_W0JlQ1	A	L	K	Y
UniRef90_UPI0003FEA749	D	V	Q	R
UniRef90_K2A5A0	Q	V	I	G
UniRef90_T1JDX9	K	I	T	K
UniRef90_UPI00046ED343	A	I	G	K
UniRef90_UPI0003B60DA0	K	V	Q	D
UniRef90_UPI00035FD580	D	V	A	Q
UniRef90_E3PTN4	D	I	S	E
UniRef90_B9XPE9	K	I	K	D
UniRef90_C0JX43	D	V	K	E
UniRef90_C9LS80	K	V	V	K
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UniRef90_L0EXS2	Q	I	G	R
UniRef90_R6P478	K	I	A	D
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UniRef90_J1K312	Q	V	G	Q
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UniRef90_UPI000470488F	D	V	L	S
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UniRef90_F4P4J0	K	V	T	A
UniRef90_W4Q5F6	D	V	L	R
UniRef90_W0S270	D	I	K	S
UniRef90_K4K6F2	Q	V	R	D
UniRef90_J6LJS8	S	V	R	A
UniRef90_C0W6Q9	E	V	L	P
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UniRef90_S8BN79	V	V	Q	S	F	V	K	N	F	L	
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UniRef90_K2JM37	L	L	E	T	Y	S	K	T	F		
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UniRef90_G9PHF7	A	V	E	A	F	R	T	T	F		
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UniRef90_G3W270	V	V	N	S	F	L	A	E	F	K	
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UniRef90_W4Q5F6	A	I	S	E	F	K	K	G	F		
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UniRef90	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40										
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UniRef90_Q31DL8	T	K	A	K	K	L	G	G	G	I	R	L	D	L	A	Q	F	R	E	E	L	A	A	F	A	Q	F	G	S	D	L	D	D	A	S	T	R	K	A	Q	L	L	D	E	A	L	S	D	R	D
UniRef90_Q2VZNO	K	A	M	K	Q	V	A	S	G	S	L	K	L	F	L	A	Q	F	R	E	E	M	A	S	F	A	Q	F	G	S	D	L	D	D	A	S	T	K	K	L	L	A	V	V	V					
UniRef90_W6MKC9	V	K	A	M	K	Q	V	A	S	G	S	L	K	L	F	L	A	Q	F	R	E	E	L	A	F	A	Q	F	G	S	D	L	D	D	A	S	T	K	K	A	T	L	L	V	V	V				
UniRef90_G7H6Q9	T	K	G	L	K	K	V	A	S	G	S	L	R	L	E	L	A	Q	F	R	E	E	L	A	F	A	Q	F	G	S	D	L	D	D	A	S	T	K	K	A	K	L	L	A	V	V	V			
UniRef90_R5LRX8	K	A	L	K	K	I	A	A	P	I	R	V	D	L	A	Q	F	R	E	E	L	A	A	F	A	Q	F	G	S	E	L	D	D	A	S	T	K	K	E	K	L	L	A	V	V	V				
UniRef90_U7JFG2	K	A	M	K	S	V	A	S	G	T	L	K	I	S	L	A	Q	F	R	E	E	M	A	S	F	A	Q	F	G	S	D	L	D	D	A	S	T	S	R	R	K	L	L	A	V	V	V			
UniRef90_I2JU28	V	K	A	M	K	Q	V	A	S	G	S	L	R	L	F	L	A	Q	F	R	E	E	L	A	F	A	Q	F	G	S	D	L	D	D	A	S	T	K	K	R	T	L	D	V	V	V				
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UniRef90_C7BEK1	T	K	A	M	K	Q	V	A	S	G	K	L	K	L	E	L	A	Q	F	R	E	E	L	A	F	A	Q	F	G	S	D	L	D	D	Q	A	T	S	R	K	Q	L	L	S	A	L	L	L	L	
UniRef90_J0V0D9	K	A	T	K	Q	V	A	G	T	L	R	L	D	L	A	Q	F	R	E	E	L	Q	A	F	A	Q	F	A	S	D	L	D	D	E	S	S	R	K	A	Q	L	L	D	D	D	D	D			
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UniRef90_S2VM44	K	A	M	K	K	V	A	G	T	L	K	I	T	L	A	Q	F	R	S	Q	A	F	A	M	F	A	S	D	L	D	D	R	A	T	R	A	Q	Q	L	L	T	D	A	A	L	L	L			
UniRef90_U5W950	V	K	A	M	R	R	V	A	S	G	R	L	R	L	D	L	A	Q	F	R	E	E	M	A	S	F	A	F	A	S	D	L	D	D	R	A	T	R	Q	Q	L	L	T	D	A	A	L	L	L	
UniRef90_A3VAD4	T	K	A	M	S	V	A	G	S	P	V	K	L	S	L	A	Q	F	R	E	E	M	A	S	F	A	Q	F	G	S	D	L	D	D	R	A	T	R	Q	Q	L	L	T	D	A	A	L	L	L	
UniRef90_R5ELP8	K	A	M	K	K	V	A	S	G	S	L	K	L	L	Y	S	Q	Y	R	E	E	L	Q	S	F	A	Q	F	G	S	D	L	D	D	A	D	T	K	S	R	L	L	A	A	L	L	L			
UniRef90_R8W285	K	A	M	K	K	V	A	S	G	K	L	K	L	A	Y	S	Q	Y	R	E	E	L	Q	A	F	S	Q	F	G	S	D	L	D	D	A	D	T	K	A	R	L	L	A	A	L	L	L			
UniRef90_J9YZ82	T	K	A	M	K	K	V	A	S	G	T	L	K	L	E	L	A	Q	F	R	E	E	M	A	S	F	A	Q	F	G	S	D	L	D	D	A	S	T	K	Q	L	L	A	A	L	L	L			
UniRef90_G8B7R3	V	K	A	M	K	Q	V	A	S	G	S	L	K	L	F	L	A	Q	F	R	E	E	V	A	F	A	Q	F	G	S	D	L	D	D	A	S	T	K	Q	L	L	A	N	A	L	L	L			
UniRef90_K2EW86	K	A	M	K	Q	V	A	S	G	S	L	K	L	E	L	A	Q	F	R	E	E	M	A	S	F	A	S	Q	F	G	S	D	L	D	D	V	A	T	K	E	K	L	L	A	A	L	L	L		
UniRef90_R5T4M8	K	A	M	K	K	L	S	A	G	P	I	R	L	E	L	A	Q	F	R	E	E	M	A	S	F	A	S	Q	F	G	S	D	L	D	D	V	A	T	Q	R	Q	L	L	A	A	L	L	L		
UniRef90_B4RD45	K	A	M	K	T	A	A	A	G	P	I	K	L	E	L	A	Q	F	R	E	E	M	A	S	F	A	K	F	G	S	D	L	D	D	V	A	T	Q	R	Q	L	L	A	A	L	L	L			
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UniRef90_M4QKN6	R	G	A	R
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UniRef90_R5HDS2	R	G	A	R
UniRef90_V6IYD1	R	G	A	R
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UniRef90_M5S0I8	R	G	A	R
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UniRef90_Q5FRC7	R	G	A	R
UniRef90_Q31DL8	R	G	A	R
UniRef90_Q2VZNO	R	G	A	R
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UniRef90_G7H6Q9	R	G	A	R
UniRef90_R5LRX8	R	G	A	R
UniRef90_U7JFG2	R	G	A	R
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UniRef90_J0V0D9	R	G	A	R
UniRef90_F4F814	R	G	A	R
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UniRef90_R8W285	R	G	A	R
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UniRef90_R5HDS2	Q	I	T	R
UniRef90_V6IYD1	D	V	V	K
UniRef90_A6BZC0	D	V	V	K
UniRef90_M5S0I8	S	V	P	Q
UniRef90_A7TDW2	R	V	G	E
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UniRef90_L1PG39	D	V	K	K	E	T	R	R	S	D	L	M	S	Y	L	E	A	N	G	A	D	I	L	D	E	I	K	N	D	E	K	V	L	L	E	Q	G	T	I	D	A					
UniRef90_Q9G8W0	Q	I	G	R	F	E	E	F	L	S	A	L	D	T	K	G	S	S	I	L	Q	T	V	K	N	D	K	V	L	L	E	Q	G	T	I	D	A	L	T	A						
UniRef90_R6C730	D	V	K	K	E	T	R	R	S	D	L	M	S	Y	L	E	A	N	G	A	D	I	L	D	E	I	K	N	D	E	K	V	L	L	E	Q	G	T	I	D	A					
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UniRef90_I3ZLE3	D	V	G	R	F	E	E	R	E	F	L	D	W	V	L	K	R	R	S	T	K	V	L	D	G	I	R	Q	S	R	A	L	L	G	D	D	A	V	Q	S	L	E	R			
UniRef90_R4LQ40	D	V	L	R	F	E	E	R	E	F	L	D	Y	V	A	R	N	H	G	G	V	F	D	G	I	R	Q	S	R	A	L	L	G	D	D	A	V	Q	S	L	E	R				
UniRef90_D2Q3E1	E	V	R	R	F	E	E	F	L	D	Y	V	A	R	N	H	G	G	V	F	D	G	I	R	Q	S	R	A	L	L	G	D	D	A	V	Q	S	L	E	R						
UniRef90_D2SER5	N	I	K	E	F	E	T	S	L	R	E	Y	F	D	A	N	S	H	A	D	L	L	Q	T	V	K	O	A	S	K	V	M	G	D	E	A	E	A	S	L	K	E	E			
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UniRef90_K9UYU8	E	V	K	K	F	E	K	L	F	L	S	Y	V	E	K	K	Y	P	D	L	E	H	E	I	R	T	T	K	K	L	A	D	D	D	D	K	F	A	A	A						
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UniRef90_J9IKE2	E	V	A	A	F	E	E	S	E	L	H	T	Y	F	K	A	N	H	P	E	L	L	A	R	I	P	K	E	K	W	K	P	E	L	Q	K	K	L	V	G	A	A				
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UniRef90_I7L8Q5	D	V	I	R	R	F	E	A	E	V	Q	D	S	L	R	S	D	H	H	P	E	L	L	F	E	E	I	S	D	G	K	Q	L	L	D	D	E	Q	T	D	L	M	D	N	E	
UniRef90_D5VAE9	K	I	G	A	F	E	E	A	F	L	R	Y	L	R	N	D	H	A	A	L	M	S	E	I	D	E	T	A	N	Y	N	D	D	I	E	S	T	R	L	K	A	A				
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UniRef90_S3YAM6	R	V	R	A	F	E	D	G	L	L	A	F	A	R	T	S	G	A	D	V	L	E	S	I	K	R	T	E	D	D	K	T	K	G	D	N	E	D	R	I	L	K	A	A		
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UniRef90_R7WID4	K	V	V	D	F	E	A	A	L	H	A	Y	M	H	A	N	A	D	L	M	T	K	V	I	R	T	T	K	D	L	L	P	A	D	E	D	L	V	N	T	N	E	H			
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UniRef90_S2XHB8	D	I	L	A	F	Q	K	D	L	F	F	E	L	I	D	T	K	Y	P	E	I	P	R	S	K	A	E	T	K	E	L	L	G	K	E	T	E	E	K	L	L	V	Q			
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U n i R e f 9 0 _ C 4 G D 3 5 E V K E Y Q R Q L L D F F A D K Y H H P E I I A G E I I D K S G R L T D V L T Q S V L E
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U n i R e f 9 0 _ H 2 C K 3 4 Q I C S N A V A S L K D Y L G T Q G G K D V C N E I Y Q S G K L D E N T E Q N L K K T
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U n i R e f 9 0 _ U 2 F E U 5 D V L P F F E S G L L D Y L D S H H T D I L K T I R D T E D F T D D T E K A L D D K
U n i R e f 9 0 _ K 4 I N 6 0 K I V S F E A S L Q A Y A K A E H H A D L L A S I I N E T G A Y D K D V Q A K L S S
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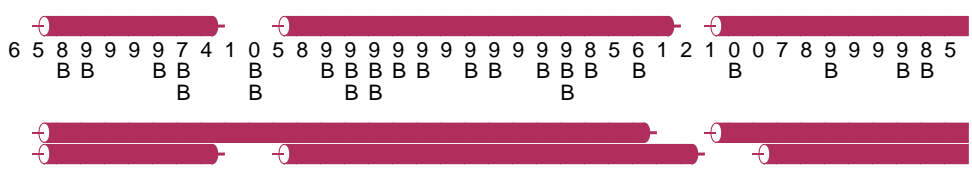
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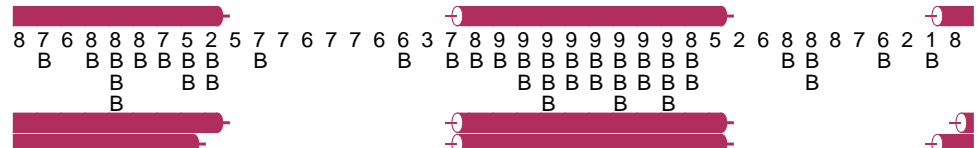


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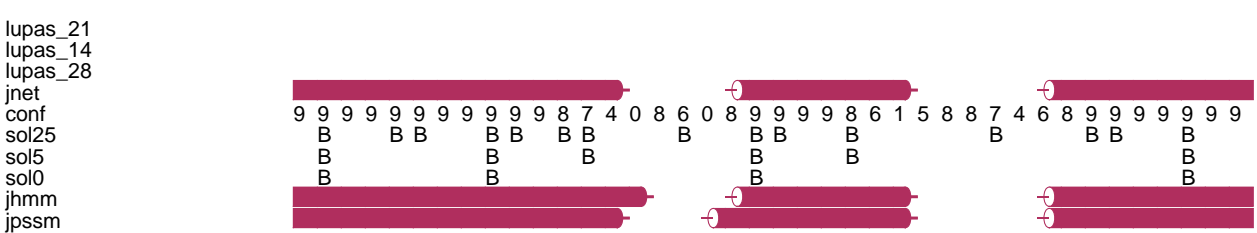
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