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UniRef90_G9RQ88	K	E	M	E	I
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UniRef90_W6N5U7	K	G	F	L	V
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UniRef90_L0A021	K	E	H	K	I
UniRef90_UPI00022CA8A8	K	E	H	K	I
UniRef90_R6HUY8	K	E	M	Q	I
UniRef90_UPI000476C540	K	E	M	Q	I
UniRef90_R5HPW2	H	Q	L	I	N
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UniRef90_R9LSN7	K	D	L	L	I
UniRef90_R6NRZ2	D	L	Q	L	I
UniRef90_R5SGD0	H	Q	L	I	N
UniRef90_V7I5H3	K	N	V	P	L
UniRef90_A7FY86	K	N	Y	L	M
UniRef90_Q7NJS6	M	I	N	E	R
UniRef90_F7V6D2	K	H	Q	I	N
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UniRef90_E8UQ05	R	D	Q	R	T
UniRef90_Q1DES4	M	Q	I	L	N
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UniRef90_R5EGG9	V	R	T	N	E
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UniRef90_I8IY70	K	N	T	R	I
UniRef90_D3F0H9	K	D	L	Q	I
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UniRef90_W8T359	K	E	V	L	I
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UniRef90_R6HPB5	D	R	D	M	A
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UniRef90_E1QF63	Q	R	D	M	A
UniRef90_I6ZMS1	R	R	D	M	A
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UniRef90_T0ZC17	K	R	D	M	A
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UniRef90_B2UGJ7	K	R	D	M	A
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UniRef90_L8M1D0	H	R	D	M	A
UniRef90_F9VJE3	K	R	D	M	A
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UniRef90_E5BGB7	N	R	D	M	A
UniRef90_W4LQR2	Q	R	D	M	A
UniRef90_K9Z456	Q	R	D	M	A
UniRef90_E0WUU5	R	R	D	M	A
UniRef90_H8FQ16	R	R	D	M	A
UniRef90_D6GPX8	K	R	D	M	A
UniRef90_F0S137	R	R	D	M	A
UniRef90_R5EGR2	R	R	D	M	A
UniRef90_UPI00037334BF	R	R	D	M	A
UniRef90_U5DMN1	Q	R	D	M	A
UniRef90_F9P6Q5	Q	R	D	M	A
UniRef90_R5XSC7	R	R	D	M	A
UniRef90_D7CWD9	K	R	D	M	A
UniRef90_X1E630	K	R	D	M	A
UniRef90_C6PW04	K	R	D	M	A
UniRef90_D3R324	K	R	D	M	A
UniRef90_V1CB93	K	R	D	M	A
UniRef90_A0A033V324	K	R	D	M	A
UniRef90_UPI000475B46F	Q	R	D	M	A
UniRef90_U1JTE1	Q	R	D	M	A
UniRef90_C8WZ71	R	R	D	M	A
UniRef90_J2ZRA4	M	R	D	M	A
UniRef90_D6ZZJ6	R	R	D	M	A
UniRef90_J6JFR5	M	R	D	M	A
UniRef90_UPI0004756AC4	R	R	D	M	A
UniRef90_I0IEU7	K	R	D	M	A
UniRef90_M1LRM0	K	R	D	M	A
UniRef90_R5RIZ4	D	R	D	M	A
UniRef90_A7HPJ7	R	R	D	M	A
UniRef90_M1RCF5	Q	R	D	M	A
UniRef90_Q83HH0	Q	R	D	M	A
UniRef90_A0LFC3	K	R	D	M	A
UniRef90_D1C2Z1	R	R	D	M	A
UniRef90_J7Q7E7	R	R	D	M	A
UniRef90_W0DCM5	E	R	D	M	A
UniRef90_Q9CN42	R	R	D	M	A
UniRef90_A4BM68	R	R	D	M	A
UniRef90_UPI0003658047	M	R	D	M	A
UniRef90_G5GGC5	M	R	D	M	A

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5 K D L M I N E E I  
6 K V R I N E K I  
7 Q E P R L N E E I  
8 K D N L V N E E I  
9 Q E L P I N G E I  
10 M T I N E E I  
11 V R I N Q F I  
12 K R A R V I N H Q I  
13 R I N S A I  
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18 I M N D A I  
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21 R M N E G I  
22 L L K N E Q I  
23 R A N D D I  
24 E P R V N N E I  
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29 R I N K E I  
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49 M N D Q I  
50 R R N H R I  
51 E R I  
52 Y R I N D D I  
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60 H R I N D T E I  
61 M R V N H E I  
62 K Q H L V N E E I  
63 E V L I N E E I  
64 R I N E R I  
65 Y R I N E Q I  
66 K D F S M N E G I  
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68 Q D F L I N E E I  
69 M F N E K I  
70 M L I N E Q I  
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10 M A P Q V R L L N G V D S E N D G G E N P L V G I V P T M E A L L R M A G E L D  
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19 R S K Q V R V I D P P A G A Q Q L L G G L L Q N A Q N T A Y E D R K N  
20 R F P K V R V I D P P A G A Q Q L L G G L L Q N A Q N T A Y E D R K N  
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26 R A R T V R L L I G D D D G G E Q Q Y I K S R D E A R R L A T A E K E G  
27 R A S E V R L L I G D D D G G E Q Q Y I K S R D E A R R L A T A E K E G  
28 P H S E V R L L I G D D D G G E Q Q H G V C S M T E A R A L A A D Q A G G  
29 R C K E V R L I G E S N G E P L L G G I V P T I E A L L N M A K E E K D  
30 R E K E I R L I G E S N G E P L L G G I V P T I E A L L N M A K E E K D  
31 M A P E V R V S G P E N E G P M G I L S L A E A L R L L A G E M D  
32 R A R E V R L V S D D N G E E Q Y G I V L T L K E A L L E K A Q S R K G  
33 R A R Q V R L V S D D N G E E Q Y G I V L T L K E A L L E K A Q S R K G  
34 R F S K V R L I D S D G G E K N L V V G V V A T D R A M E M A S E E R E N  
35 N V P D V L L I D A E G G E N V V G V V A T D R A M E M A S E E R E N  
36 T A R T C R L I G V D G G S Q L L G G I V L F G V R D A Q R I A A D E R Q N  
37 S A P Q V R L I D E D D G G E M L L L E L A E I A E A L S I A Q E K E  
38 R F P E V R T I D E D D G G E M L L L E L A E I A E A L S I A Q E K E  
39 R A R E V L T I N E N G E K I L G G V P L S S R N E A L E F A E E E K G E  
40 Q A D K V R V I D A E N G E N I L G G V M Y T R E A R H M S A A D V G  
41 R A T E V R L T G V D G G E Q I V I G G I V S L N E A L E K A E E A G  
42 R V I S E C R L I G D D D G T A Y V I A T S V A L N L A K A S D L G  
43 M R R L V G E E G E Q L G M V V S L R E A L L A L A Q E R H  
44 R V P Q V R L I G A D G G T E A L P M G I V P T A Q A L E R I A G E D S  
45 R N L E I R L I D Q G G V N V V I V E T S T A V K S A A D L G  
46 Q A T E V R L I D V D G G E Q I V V S L Q D A L E K S A T S K Q  
47 S A V K V R L T G V D G G E K Q I V V S L H E A L L K Q S E D I G  
48 T A D E V R L V D E E G E V V P L I D E A L L K M A Q D Q D  
49 R A R E V R L V G D D N G E Q Y S I L Q E A R R M A Q D Q D  
50 R F P K I R V I D T D G G S Q Q V G V I T S D E G R R L A E E R E  
51 Q Y P S V R L I D V D G G S Q Q L G G V V S L T E E A L L R A R A K Q  
52 R D N K L R I D E D D G G S K L G G V V S K D E A L L D L A Y A D K Q  
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70

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UniRef90\_W0E2F2 K E V N I N R E I T A A R V R L I G V E G G E Q Q L L G V L S F M E A I A A E E E R N  
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	50	60	70
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UniRef90\_K2EEP5 M R I N R E I R A D R L R V V A E D G R Q L G V M S F R E A L A M A E D Q G

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UniRef90\_Q6ANB8 M T S D Q A K E I A Y G E G

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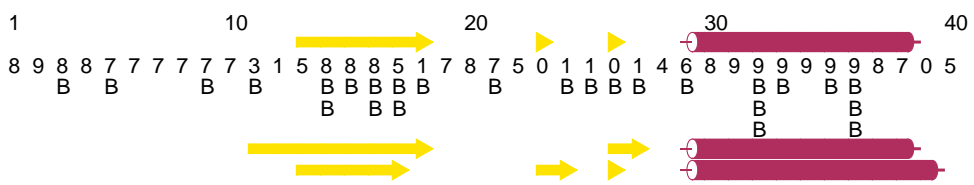
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UniRef90_A9CW90	L D L V E I N S N G D V P V C K I V D	L G K L K Y Q S Q K K A S E A R K	
UniRef90_Q1NUY8	L D L V E V S P T A K P P V C R I M D	Y G K Y R Y E	
UniRef90_A0KVV5	V D L V E I S P N A E P P V C R I M D	Y G K F L F D	
UniRef90_UPI00046D164F	L D L V E I S P N A E P P V C K V M D	Y G K F L F E	
UniRef90_C6SX90	L D L V I V S P D A D P P V V R M M D	Y N K Y	
UniRef90_B8KX89	M D L V M M A D S T P P V C K I M D	Y G K H V F E	
UniRef90_A4BI91	L D L V Q I T S N A D P V V A K I M D	L G K K L Y	
UniRef90_Q82VV2	V D L V E I A P G A E P P V C R L M D	Y G K Y L Y Q E S K K K H D A K	
UniRef90_G7PVW8	L R L V K R N A S T E P A E Y Q L M T	G M Q L L Q E R Q R L R E M K K	
UniRef90_H8MFC1	L D L V E I S P M A K P P V C K I M D	Y G K F K Y	
UniRef90_K9QYA0	L D L V V V S Q N Q E I P V A K I I N	F G K L Q Y Q K K K R Q	
UniRef90_S6BES7	V N L I L F R P S S T P P I C V L A K	Y D D F I E Q H K P K A	
UniRef90_UPI0004207172	V D L V E I S P N A D P P V A K I V D	W G K F Q Y Q K M K E Q Q K N R R	
UniRef90_UPI00047677AE	L D L V I V S E G K D E P V A R I M D	F G K H	
UniRef90_UPI0004676D74	L D L V Q I S P N A K P S V C K I M D	Y G K F R Y E Q S R	
UniRef90_S5TF11	F D L V E I G T K N N F S C K L L N	Y K F K Y	
UniRef90_I6YAA0	L D L V L V N N R I D P P V V K L L N	Y S E F Q R E Q S R L N Y Q S A K	
UniRef90_E2RD17	L R L V K R D S G S E P P R Y Q L L S	G L Q I H E E R L R L R E M E K	
UniRef90_I3IMI8	Q D L V E V A P D A N P P V C R I M N	Y G	
UniRef90_T2GBC4	L D L V E V A P N A E P P V C R I M D	F G K Y K Y Q Q Q K K Q Q E A R K	
UniRef90_UPI000225B1E9	L D L V E V S P N A E P P V C K I L N	Y G K Y K Y E Q Q K K K T E A K K	
UniRef90_E6PEJ5	L D L I E I S P N A Q P P V C K I G D	F G R L K Y E Q	
UniRef90_UPI000377F375	L D L V V V S Q R K E G P V A K I M D	Y G K H	
UniRef90_K8YVW6	L D L V L V T A A S D P W V C K L A D	A K R E K Y Q R V K K E K K T K	
UniRef90_H0E7M9	L D L V E V A A A A R P P V C R V L D	Y S K Y K Y E	
UniRef90_A4AAy6	M D L V L I A D Q S D P M V C K V M D	Y G K H I F E	
UniRef90_W2UZ21	L D L L L I A P N N A L S V C K V L D	Y G K Y K	
UniRef90_W4FV05	L D L V Q V S P N G Q P V V C K M F D	F R K R M H S A P P K K A Q A	
UniRef90_UPI0003B3321B	M D L V L I S I N P K P I A K I L D	Y G K F K Y	
UniRef90_R1D399	L E L A E M A P N A V P P V W R L V		
UniRef90_M4VCF9	L D L L E I A P N A Q P P V C K I M D	Y G K Y K Y E E K K K A A A S R K	
UniRef90_Q0F983	L D L V V I S P N A Q P P V C K I M D	L G K F K	
UniRef90_A0A024EIL6	L D L V E I S A D A V P P V C K L M D	Y G K S I F E	
UniRef90_K3YUB3	L I L A I L S L D G D P P V L R L F D	Y K K H R Y E	
UniRef90_UPI0002C64040	L R L V K R N T S A E P P E Y Q L M T		
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UniRef90_S6GN25	L D L V K I S D S D P V V C K L M D	Y G K Y Q Y E M	
UniRef90_K9WKA4	L D L V V V S E S K E A P V A K I L D	Y G K H	
UniRef90_S5MAW4	L D L L Q V G Q D N S T V I A K M L D	H G K F K	
UniRef90_B8BVL9	L D L M E V T L K N S N P V I K A V D	F D K H I Y E Q K R K E S K L S K	
UniRef90_R1EF24	L D L V L I A D K S E P V I C K I V S	Y D K F R F N K E K K K E Q A R	
UniRef90_I2JNA0	L D L V Q I T D S D P I V C K I M D	Y G K H V F E A K K Q Q A A A R K	
UniRef90_K1ZQS7	L D L I E I A P N A K P V V V K L A D	F G K F R Y Q E E K R K K E N K K	
UniRef90_B1B3P5	V D I V M L N P S I R P A I C K A T D	Y R D E L Y Q K	
UniRef90_X0YH20	L D L V C F N E R N K L A L C K I I D	Y G K W K Y	
UniRef90_B8MK48	E Q V V Q L D P G G R P A V C K I M P	L A D F R D E E R A K E K A A R	
UniRef90_A0A024U219	F D L V Q V S P S E K P V I C K M Y D	F R K R I H S E P K	
UniRef90_D5VDF7	L D L V E I V A D A K P P V C K I M D	Y K R Y L Y	
UniRef90_R6S8M0	L D L V C V A P N A K V P V C K I L D	Y G K Y R F	
UniRef90_M2U7G5	L D L V I V S P T A D P P V A K F L D	G K F K Y D	
UniRef90_A8JD51	E D L L L I N P D A S P P V A R I A W	S K Y K Y E L E K G A K E R K	
UniRef90_UPI00041E6F13	L D L V E V A P G E T P P V C K V L D	Y G K L R F E N Q K K K A A N R K	
UniRef90_C5BSQ2	L D L V E I A S E A E P I V C K I M D	Y G K H L F E	
UniRef90_Q6ANB8	L D L V V V S D N A E P P V C R V M N	Y D K F R Y	
UniRef90_M6XB18	L D L V E V S A D Q E L H V C K I I D	Y G K Y K F E L	
UniRef90_C8Q177	L D L V E I V P D A Q P P V A K V M D	Y R K Y L Y D	
UniRef90_B6GX71	F F L L Q V Q E H D N P P V C K L Y N	K K E V R E L E K A K A K S A R	
UniRef90_I7JC60	Q S L I L F K P K A N P I C V I D T	L E T F	
UniRef90_DONA26	V D L V Q V S P V G K P A V C R L F D	S K K R F F E L K K A N K K A S K	

jnet  
conf  
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 sol0  
 jhmm  
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