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QUERY UniRef90\_UPI0003693B53 UniRef90\_UPI0002F2D961 UniRef90\_G2E1X0 UniRef90\_UPI0002F3AF64 UniRef90\_F8WSS2 UniRef90\_G2IZZA UniRef90\_I3YB67 UniRef90\_A1K517 UniRef90\_UPI00034BBABD UniRef90\_V7EA85 UniRef90\_UPI00035F2D98 UniRef90\_UPI0002F8976F UniRef90\_UPI000378F965 UniRef90\_Q89P91 UniRef90\_E8WHS2 UniRef90\_W6XCQ2 UniRef90\_UPI00030D303A UniRef90\_G8MFFZ1 UniRef90\_B2T0M4 UniRef90\_W2DCM8 UniRef90\_G0A6J0 UniRef90\_A0Z107 UniRef90\_UPI000415B697 UniRef90\_M5DIV4 UniRef90\_R4WMJ1 UniRef90\_UPI00034AA585 UniRef90\_U7GJK7 UniRef90\_W6MDD1 UniRef90\_E6VB10 UniRef90\_UPI0003644287 UniRef90\_X2H8L1 UniRef90\_D8ISU0 UniRef90\_A0A023MY22 UniRef90\_V5BWQ7 UniRef90\_I81064 UniRef90\_H0F1Y8 UniRef90\_UPI00047D989A UniRef90\_E6V5J9 UniRef90\_UPI0003WOLFY0 UniRef90\_R9NTI7 UniRef90\_UPI0003651F0F UniRef90\_UPI000374FFCA UniRef90\_UPI00032A3B46 UniRef90\_Q02CH0 UniRef90\_V4JAW2 UniRef90\_C6U5Z4 UniRef90\_A6GLL0 UniRef90\_UPI0002FDE1DA UniRef90\_UPI000364489D UniRef90\_A2WH63 UniRef90\_UPI00037803B6 UniRef90\_UPI00026CD1D0 UniRef90\_F0SFE7 UniRef90\_UPI0003634C84 UniRef90\_B8EIH3 UniRef90\_A1KCF7 UniRef90\_UPI0003F3WX12 UniRef90\_B8IIA4 UniRef90\_UPI000382060A UniRef90\_UPI0003FD41DB UniRef90\_Q39J09 UniRef90\_K9DGH2 UniRef90\_UPI0003A0A11M4H0 UniRef90\_UPI0004651943 UniRef90\_E6WH57 UniRef90\_UPI00030242E0 UniRef90\_UPI0003FE72E1 UniRef90\_D8MMQ9 UniRef90\_V6A2S2 UniRef90\_B1XXM2 UniRef90\_A0A031GUI9 UniRef90\_UPI00045E77CE UniRef90\_UPI0002D93767 UniRef90\_F8FXN5 UniRef90\_UPI0003W0AFQ3 UniRef90\_UPI000373171E UniRef90\_D8MTS6 UniRef90\_UPI00037EFBC4 UniRef90\_E6V5V1 UniRef90\_R0FGA2 UniRef90\_UPI00046A1007 UniRef90\_UPI00036F8B73 UniRef90\_F3IJB3 UniRef90\_UPI0003E3DEV3 UniRef90\_UPI00046499F0 UniRef90\_Q1QVA0 UniRef90\_K9DAK8 UniRef90\_W1N968 UniRef90\_UPI00046FBCE6 UniRef90\_N6YTC0 UniRef90\_F3IQP7

90 100 110 120

K L T I R K A G G G E N Q V E Y L I I T L K E V L V S S V S T G G S G G G E D D R L L T T  
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U n i R e f 9 0 \_ U P I 0 0 0 3 7 E F B C 4 T L V V R K A G G E T P L E Y Y I T I T M T D V C L V T S V S T G G S G G G E D R L L T  
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U n i R e f 9 0 \_ U P I 0 0 0 4 6 A 1 0 0 7 Q F T V R K A G G G T P L E Y Y L K I K F T D V I I T D V A M Q G S E D E S R P R  
U n i R e f 9 0 \_ U P I 0 0 0 3 6 F 8 B 7 3 Q V S I C K A G G G T Q V E Y T R I T L T D V I I S N V H Y S G A A D D T V G  
U n i R e f 9 0 \_ F 3 I J B 3 I L S L Y R A G G G E K K Y M E V T L F E E V I I E S G N L F D G T P S S F P E  
U n i R e f 9 0 \_ U P I 0 0 0 3 E 3 D E V 3 E V S V C K A G G G K Q M E Y R L T L E D V L V T N V S F S G G S A E T L G  
U n i R e f 9 0 \_ U P I 0 0 0 4 6 4 9 9 F 0 E I S V C K A G G G T Q M E Y S K F T L E D V L V T S V S Y T A A Q D G D A L L  
U n i R e f 9 0 \_ Q 1 Q V A 0 V L H V N R A G G G D K V I R Y M E T K L E E N L M F S N I S P D S G E G G I I T  
U n i R e f 9 0 \_ K 9 D A K 8 T F E F M R A G G D G P I V Y F K I E L E E N L M F S N I S P D S G E G G I I T  
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U n i R e f 9 0 \_ N 6 Y T C 0 K L T V R K A G G E K A L E Y Y L K I T M K E V I V T S V A T A G S G G E D R L L T  
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UniRef90\_UPI000468189D E L K Y Y R N D A G Y E E E Y F N T L L E N A R V V N V M P V T F D V K D N H M  
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UniRef90\_B7RRC8 V V E L R R S G S V S G K T F L K W E F K L V M I Q D I S W S G S D G D D I C E  
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UniRef90\_V3H909 E F I F Y R I N Y N G Q K F E E Y F K T L L E N A R V V Q I E P L M F D I K Y T H C  
UniRef90\_U7RD13 E L S W Y R T S V E G T Q E E Y F T T K L L E N A R V I D I D L E M P H V Q D T Q F  
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	130	140	150	160
UniRef90_D5C8C8	E S I L Q L R Y E K I I T W R Y V			
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UniRef90_Q7VJK0	F R V S L N Y R K I I W E H V V A G T S G S			
UniRef90_I7CCT2	E R I L E L R Y E K I I T W K Y			
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UniRef90_I0IRP8	E D V S F A F E K I I T V T W	A D G G I S G	E D S W N	
UniRef90_Q0ACM2	M D V S L A Y R K I D W E H T V A G T S G A			
UniRef90_D8MMM6	E N I E L R Y E K I I T W K H			
UniRef90_A9MLW2	E R V D L A Y E K I I T W H Y			
UniRef90_UPI000471E3E5	E Q V S F N A A R I G W T Y F P Q K P D G S	P G T P V K F G W D V K K N I E		
UniRef90_C6AQN5	L E V S S M S Y R K I N W D H T I A G T S G S			
UniRef90_H7EC22	V K V S L A Y R K I E W E H V S A G T S G A			
UniRef90_K9NM40	E E I L E L R Y E K I I T W T Y K			
UniRef90_X0NJ97	E A F Y L A Y E K I I T W H Y			
UniRef90_UPI00035EA604	E D V S L T Y E K I I T W T F E P			
UniRef90_UPI00040B0DA5	E D V H F A Y R K I I T W T H E K A S T S G S D D W G			
UniRef90_C7C522	E H L E L T Y E K I I T W K Y			
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UniRef90_L0R4M1	E S I L F T Y S K I I W T Y E P	D G I E T E D S W		
UniRef90_H2IUS6	E A V E L T Y E K I I T W R Y V			
UniRef90_UPI0003A8DC38	E A V S L M Y E S I I T W H Y			
UniRef90_U7QXB7	E I V E L R Y E K I I W K H			
UniRef90_A0A028Z4Y1	E H V G L R Y E Q I D W H Y T D G N I K H T			
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UniRef90_K8REY1	E A V S L M Y D N I I T W H Y			
UniRef90_E8X5R5	E S V S F S Y N T I S T E Y A Q Q D E T G	K L N V K A A I N Y N I K Q N		
UniRef90_H2J1T7	E S V S M M Y N K I I T W H			
UniRef90_V5T1D4	V K V A M A Y R K I T W T H A I A G T E A S			
UniRef90_J7GMQ1	E S V Q L R Y E K A T W T Y			
UniRef90_D3NVJ0	E S I S I S F T K M E Y K F I P Y D D K	N K A G T P I S V S Y D L S T T K S A		
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UniRef90_W5X983	D S L S L N F A K I Q F E Q A V G R G D G S V D F	Q S A S W D A R A N K		
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UniRef90_G1URG5	E D V Q F T Y R K L T K T H E I A S T S			
UniRef90_S3J017	E A V S L R Y E K I I T W K Y			
UniRef90_S6H4R6	E D I G I T Y E K I I V W T W V P			
UniRef90_A0A014MAN8	E H V G L R Y E K I I T W N Y V D G N I Q H A			
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UniRef90_UPI000393E692	L T V S M S Y R K I T W D H V N A G T S G A			
UniRef90_J3IKW8	E E V E L R Y E K I T W S F M D G N L S H S			
UniRef90_UPI00035F3C18	I S Y Q F Q A E			
UniRef90_Q1ZUY2	E E V S M A Y R A I N W D H T V S G T S G A			
UniRef90_C5C6C6	E Q V T L V Y R S I R F T Y			
UniRef90_B8KSI9	E R I T L G F D S G I I Y S Y T V Q E D D H S A A E	T I E A S F N		
UniRef90_B7RRC8	E T V L Q Y G A M K V T Y T P Q D K Q G	K D G T P K T G E W S R V L N K A		
UniRef90_S2K3K8	V K V A M A Y R K I T W T H V I A G T E A S			
UniRef90_W0Z237	E D V H F T Y R K I T W T H E V I S G T S G			
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UniRef90_A9IN59	E D I G M T Y E K I I V W T W V P			
UniRef90_UPI00036CF715	E S L S L N F V K F E Y K Y K G S D A K G A A	G G A M T V A Y D I G A A K		
UniRef90_A4F0Y4	E T W S L A Y A A I E H T Y K S T N Q K T G K L E N P V V F Q W N V Q S G K			
UniRef90_D5RJP8	E S I S L N F D K I E M T Y G M I G D D	Q S G S N A S T S Y D L A T A K R A		
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