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QUERY M I R P E Y L R V L R K I Y D R L K N E K V N W V V T G S L S F A L Q G V P V E E
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QUERY	50	60	70	80
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UniRef90_Q9V1L7	PNDI	DI	DI	QTDKERGGAYEIERHLS
UniRef90_B2JV7	PNDI	DI	DI	QTDKERGGAYEIERHLS
UniRef90_F4ABC2	PNDI	DI	DI	QTDKERGGAYEIERHLS
UniRef90_UPI0003FF5733	FNDI	DI	DI	QTDKERGGAYEIERHLS
UniRef90_I3VUE3	PNDV	DI	DI	QTDKERGGAYEIERHLS
UniRef90_G0GEA0	IHD	DI	DI	QTDKERGGAYEIERHLS
UniRef90_B1B9F6	FNDI	DI	DI	QTDKERGGAYEIERHLS
UniRef90_U7V9U4	FNDI	DI	DI	QTDKERGGAYEIERHLS
UniRef90_T0PK72	PNDI	DI	DI	QTDKERGGAYEIERHLS
UniRef90_R5QUC1	FNDI	DI	DI	QTDKERGGAYEIERHLS
UniRef90_B1KXG7	PNDI	DI	DI	QTDKERGGAYEIERHLS
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UniRef90_A8MIG4	PNDI	DI	DI	QTDKERGGAYEIERHLS
UniRef90_U1MXV8	PNDI	DI	DI	QTDKERGGAYEIERHLS
UniRef90_G9RX20	FNDI	DI	DI	QTDKERGGAYEIERHLS
UniRef90_UPI00041032CB	PNDI	DI	DI	QTDKERGGAYEIERHLS
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UniRef90_S9T711	PRDV	DI	DI	QTDKERGGAYEIERHLS
UniRef90_K4Z8S3	PRDV	DI	DI	QTDKERGGAYEIERHLS
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QUERY UniRef90_X1G6I1 UniRef90_Q9V1L7 UniRef90_B2TJV7 UniRef90_F4ABC2 UniRef90_UPI0003FF5733 UniRef90_I3VUE3 UniRef90_G0GEA0 UniRef90_B1B9F6 UniRef90_U7V9U4 UniRef90_T0PK72 UniRef90_R5QUC1 UniRef90_B1KXG7 UniRef90_UPI00035E2E00 UniRef90_A8MIG4 UniRef90_U1MXV8 UniRef90_G9RX20 UniRef90_UPI00041032CB UniRef90_E0QHZ4 UniRef90_UPI00041CA644 UniRef90_R5I6A9 UniRef90_UPI00047C895F UniRef90_UPI000248C8EC UniRef90_Q1AYD2 UniRef90_L9WJJ2 UniRef90_I4A9P2 UniRef90_M0L331 UniRef90_R5F8R0 UniRef90_B9Y3J1 UniRef90_UPI00036BCE22 UniRef90_R5G4B9 UniRef90_F8FES6 UniRef90_UPI000287D1ED UniRef90_U2EEX3 UniRef90_T0DYP0 UniRef90_UPI0003822610 UniRef90_D4IY62 UniRef90_B1YFW5 UniRef90_UPI00047C07E7 UniRef90_UPI00047E36B2 UniRef90_A6LW68 UniRef90_UPI0002E391E8 UniRef90_F5LDH1 UniRef90_S9T711 UniRef90_K4Z8S3 UniRef90_X0RRU6 UniRef90_UPI000288A7DF UniRef90_V9G4G6 UniRef90_UPI00040CF330 UniRef90_UPI00047C2DE0 UniRef90_A0A015L1R7 UniRef90_UPI00041JF0 UniRef90_H3SLG2 UniRef90_V9H317 UniRef90_C6CU48 UniRef90_F5T9C8 UniRef90_UPI000248DECA UniRef90_W2E211 UniRef90_U6BDN5 UniRef90_R9LG14 UniRef90_E0IC98 UniRef90_L0EEE9 UniRef90_UPI000366D718 UniRef90_F8FAT2 UniRef90_E4RK66 UniRef90_G7VS47 UniRef90_S6EJV7 UniRef90_UPI00037C8AAB UniRef90_UPI000379DE6C UniRef90_UPI000413C047 UniRef90_Q5WCQ3 UniRef90_G4HF79 UniRef90_C4KZP8 UniRef90_UPI0003798DF5 UniRef90_Q8PZG2 UniRef90_I4WL86 UniRef90_C6A362 UniRef90_UPI00047B069E UniRef90_UPI000375A674 UniRef90_I4VMT1 UniRef90_UPI0003726F71 UniRef90_D3PMZ2 UniRef90_W6DE86 UniRef90_U1LY65 UniRef90_UPI0003FBEC90 UniRef90_UPI00041C0ED9 UniRef90_UPI00037583B8 UniRef90_UPI0004779231 UniRef90_F7P0T3 UniRef90_D3E716 UniRef90_I1E079 UniRef90_G0QDV0

90 100 110 120

G E L L I D G G I K V E I M G D I Q K R L E D G T W E D P V V D L N K Y K R R F V E T
V E L M I D D G I K V E I M G D I Q K R L E D G T W E D P V V D L N K Y K R R F V E T
G V L T I D D G I K V E I M G D I Q K R L E D G T W E D P V V D L N K Y K R R F V E T
Y E Y V V D D G I K V E I M G D I Q K R L E D G T W E D P V V D L N K Y K R R F V E T
Y E Y L I D D G I K V E I M G D I Q K R L E D G T W E D P V V D L N K Y K R R F V E T
L E F N V D D G I K V E I M G D I Q K R L E D G T W E D P V V D L N K Y K R R F V E T
G R L E I D D G I K V E I M G D I Q K R L E D G T W E D P V V D L N K Y K R R F V E T
G A C M I D D G I K V E I M G D I Q K R L E D G T W E D P V V D L N K Y K R R F V E T
L E F N V D D G I K V E I M G D I Q K R L E D G T W E D P V V D L N K Y K R R F V E T
L E F N V D D G I K V E I M G D I Q K R L E D G T W E D P V V D L N K Y K R R F V E T
Y E Y V I N G I D V D A M A G M I I N H E A G A Y E Y R F D E A I T G Q R Q I
M E F I I D S L D V D V M A G F S I V S D G K V F H C S L H K E S Q I V E W M T L
Y E Y I I D G F D V D V M A G F A V N H I N G V F E Y I F D H N S L S E S K T L
G A L Q I D G G I E V E I M G D I Q K R G V D G V W E E L V D P A S H Y R Q M V E I
Y E Y M I K G G F D V D V M A G F E F K R H S D N G S F Q Y K F D E N S L S T M K E I
G A I S L C K G A V E V M G A L Q K R D A D G R W T E P P A L G E L R Q R V T V
L E F T I R G V D V D V M A G F V I L E N G Q E H D C A L K P E S Q V A E H I L V
Y E Y V I E N T I D V D V M S G F S I V N N H K D G V F E Y I F D E K S I D N V M Q I
M E F I I D S L D V D V M A G F S I V S D G K V F H C S L H K E S Q I V E W M T L
T K H R M N N T D I D I M G G F A I Q H S E G I Y K L S L N K E S I V A H I L N I
M E F T I D S L D V D V M A G F S I V S D G K V F H C S L H K E S Q I V E W M T L
S K Y I I K G G V S I D V M A G F I I N H K E G Q Y K Y E F D S S S V N E R M L I
T H Y T I L G T E V D V M G L L S L R H A E G I Y R L D W R R D A N T R I E P L
G E L R I G G V R V E V M G D I Q K R L E D G T W E A P V A L E R H T R R F V E T
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F R Y K I N G I N I E F M G D F K I V C N D N V Y S F L D E N T I V D K M D I
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L E F T I D N V D V D V M A G F S I V N G D N L I D C S L K P E E I E Y Y D L
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A H F R F P G A P V E V M G A L E L F A D G G W Q P V W P D K L V L I G V
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130 140 150

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