

QUERY 1 10 20 30 40  
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UniRef90\_C6A0F3 M T E K A C R R H H Y I T S E D N R T P V A C C C G S R A R D L S S G D E W F S D Y I I V L D P  
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UniRef90\_T0ZCB7 T Q R A C R N N F I S D Q M K C P R C C C C G G E T S K W Q G Y L I V V D P  
UniRef90\_L0IFW9 V C R E C C H L V N E A D T C C C C A S C C C C S S L T E D W A G Y V V I A H P  
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QUERY  
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50  
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E E S S C I A K R L G I T T K A G M Y A L E V  
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D R S S E I A Q R M G I H V N G G F A L K V R R  
D D S S D I A K E L N I T L P P G E Y A L R V R R  
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E S E T A K L F G A T V P W R Y A I V K  
E K S L I A K I L G I T N P P K Y V V K  
E N S S E I A E Q L E T S V A G R Y A I N V R  
E S S S E V A A E M N V D D P P G Y A L K V R  
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E N S R I A K T L E I K T P P G K Y V V K I  
E K S Q I A E K L G V K I P P G K Y A I K V  
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E D S Q M A Q K M E I K K E G R Y A L K I R R  
E N S I A K T A G I T E P P G R Y A I K V R R  
A D S S E I A V E M E A T D S S G K Y A L K V R  
A K S S I S K E L E L T K P P G R Y A I K V  
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K N S E V A Q L M G V E K P P W R Y A I N L K R  
D E S S D L A K E L N I S F P P G R Y A L K V R  
E K S E A A K L L S L K Q K G A Y S V K V R R  
D S E I A E E M G I Q T P P G R Y A I R V K R  
E E S S Q L A K I L G I K N P P G M Y A I K V R R  
N Q S D V A G A M D V T Q P P G T Y A L K V R  
V R S K V A K K M N I G K P P G S Y A L K V  
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R H S D V A E K M N I E Y N G R Y A L K V R  
E K S V L T K Y M R V E K P P G R Y A I R V  
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D R S S E I A K R L K V E Q P P G R Y A L K V  
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H N S S E V A K K A G I D I K G K Y A L S V K  
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E R S S D I A K K L E L K D K G R Y V V K I  
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D K S W A A K W L R I S V P G C Y T L A V  
E S S W V G K W Q R L S E P G M Y A L E V  
A K S W V A K R L D T Y V P G V Y A T K V  
E L S W V A R Y N R I T T P G C Y A V S V  
K N S W V A K W L R V D E D G L Y A V K V K  
D Q S W V A K W O R I N E P G V Y A I R I  
Q K S W A A R Y N S L V I P G C Y A I S V  
P E S W V A R W L R I D K P G V Y A M S V  
N K S W V A R W L R I D V A G L Y A V K V  
T T S W V A R W Q R V Y V P G I Y A V Q V  
N V S W V A K W K N L P A N G L Y A L E I V  
E D S W S A K W Q G A R R P G L Y A L Q V  
S K S W V A K W Q R L D V K G V Y A T K V  
A A S W V A R W Q R L D V P G T Y A T K V  
E E S W V A K R N D K H V P G V Y A V R V  
K S S W T A K R L G K M V P G C Y A L E I  
S R S W V A R W M S I D I P G M Y A V K I  
S R S W V A R Q L K L S T A G M Y A V  
K G S W V A R W L R I E Q P G L Y A V K V  
D N S W V A R W Q R T S K R G M Y A V R V K  
N T S W V A K R L E G Y V P G M Y A V K V  
Q G S W V A R H N K L T E P G C Y A I K V  
R E S W V A K W Q R N D K P G V Y A I R V  
K N S W V A R W Q G I D T R G V Y A I S V  
Q H S W V S R W L D K Q K P G C Y A L E V  
T E S W V A R W Q R L D T P G M Y A T R V  
S D S W V A K W Q G N D V P G C Y A L R  
E D S W V G R W Q R V H K K G M Y A V R V  
N E S W V A R K Q H I K V P G C Y A L S I K  
T E S W I A K W L R L D K P G V Y A T K V  
D Q S W V A R W Q R T A K P G M Y A I Q V



	50	60
UniRef90_K0TRL8	Q D S W T A K W L R V D L P G V Y A I S I	
UniRef90_G8BGN1	K E S W A R W L R I D L V P G G L Y A V K I	
UniRef90_I0YXV3	A S S W C A K W L H L S K P G G C Y A L S V	
UniRef90_S3DAA5	S K S W V A K R R L D G Y V K G V Y A T K V	
UniRef90_V9D976	K T S W V A R W Q R R L T E Q G G L Y A V K V	
UniRef90_UPI0002658DBC	E D S W V A K W Q R R L T L P G G M Y A I S V	
UniRef90_F2SPT1	R A S W V A Q R L D G Y V P G G T Y A V K V	
UniRef90_I4Y5U1	K G S W V G K W Q R V N E K G L Y A V R V	
UniRef90_W9X5G8	K T S W V A R W Q R R L T V P G G V Y A V K V	
UniRef90_A0A059ELE5	N K S W V A K W Q R I K V N G R Y A I I V	
UniRef90_M2Y229	L D S W V A K W Q R V S V P G C Y A I A V R	R
UniRef90_UPI0003F48F97	E E S W V A K W Q R I D K K G G L Y A V R V	
UniRef90_L0PF16	T E S W V A K W Q R I N V G G I Y A V R V	
UniRef90_B8BTE9	S E S W T A K W I R I D L P G G V Y A I S V	
UniRef90_E3L9Q2	K E S W V A K W Q R I S C P G G L Y A L R I	
UniRef90_S8B652	A V S W V A R W Q R L D V A G T Y A T K V	
UniRef90_Q4D6U3	E K S W V A R M I I G	
UniRef90_G3ASH1	K E S W V A R W L R I D A P G G L Y A V K V	
UniRef90_D8QX48	T G S W A A R W L R I T V P G G C Y A L A V	
UniRef90_W4KEX8	E T S W V A R W Q R T S K R G T Y A V R V	K
UniRef90_J9JBA2	L K S W V A Q W M R N C I P G G I Y A M A V	R
UniRef90_G1XDC1	T E S W I A K W L R L D K P G V Y A T K V	
UniRef90_E0V9I1	E D S W V A K W Q R I N V K G G V Y A I S V	
UniRef90_ROMHD6	E K S W V A K R I N E N K K G L Y A M T V	
UniRef90_V2XHB0	E N S W V A K W Q R T S V R K G M Y A V R V	K
UniRef90_M3B8X8	N T S W V A K W L R I Q V A G I Y A V K V	
UniRef90_A4VDJ6	A K S W I V K R K D V I K V P G G A Y A V N I	
UniRef90_G4TR62	K E S W V A K R V D I S V R G I Y A V R	
UniRef90_E4X6W5	D Q S W V A K W Q R I D K P G G M Y A I S V	
UniRef90_T1JY11	D E S W A A K W L R I P K P G G I Y A V S V	
UniRef90_J9JZA6	E D S W V A R W Q K I N T K G G I Y A I S V	
UniRef90_U4LJH0	V K S W V A R W Q R V E E K G G V Y A V K V	
UniRef90_H2ZEU0	D E S W V A K W Q R I K K P G G C Y A I S V	
UniRef90_B7XH90	K K S W L A R W Q K N T E N G F Y A I S V	
UniRef90_M0RRS4	S R S W A A R W L R I Y I I P G C Y T L A V	
UniRef90_G7E5P1	Q E S W V A K F S R I E I P G G A Y A L R	
UniRef90_R4FMM6	E D S W V A K W Q R V S T K G I Y A I S V	
UniRef90_G0U3J1	E K S W I A R L I G K T D N G V F A	
UniRef90_U5EZE9	E D S W V C K W Q R I T V K G I Y A I S V	
UniRef90_R7YIC0	Q D S W V A K W Q R V Y V P G G V Y A T K V	
UniRef90_E5A0C8	K R S W V A Q R L E G Y V P G V Y A T Q V	
UniRef90_U1LYD3	E D S W V C K W Q K I S R K G M Y A I S V	
UniRef90_S8DRJ1	E R S W V A T W Q R I K V R G M Y G V R V	K
UniRef90_B7FXW7	R D S W A A K W I R V D L P G G V Y A I T V	K
UniRef90_A0A024UTR3	K E S W V A K R I G K F V P G G I Y A V A V	
UniRef90_W1QAC6	Q G S W V A R W L R I E V P G G L Y A V R V	
UniRef90_M7NTY2	T E S W V A K W Q R I N V G G V Y A I R V	
UniRef90_M5GC06	D E S W V A Q R T E K Y V K G V Y A I R V	
UniRef90_M5X4B4	T R S W A G R W L R I G K P G G V Y T L A V	
UniRef90_B3L262	T K S W M A Q Y N D L S K P G G F Y A L Q V	
UniRef90_M4CP69	R R S W A A R W L R L G K P G G C Y A L A V	
UniRef90_A0E5Y1	S Q S W V I R K L G N P K P G G L Y A I D V	
UniRef90_E5SAC8	D D S W V G R W Q M I S K K G I Y A I S V	
UniRef90_E3RX25	S R S W V A Q R L E G Y R P G G V Y A T Q V	
UniRef90_A4RSX5	R A S W V G K W L R L D V P G G C Y A L S	
UniRef90_C3YDJ1	D D S W V A K W Q R I N K P G G C Y A I S	
UniRef90_J3PNQ6	K E S W V A K W Q R I N C P G G L Y A I R I	
UniRef90_A9P049	T R S W S A R W L R I S V P G C Y T L A V	
UniRef90_K3WRG9	K E S W V A K W Q R I V I P G T Y A V S V	
UniRef90_W5JFX8	D D S W V C K W Q R I N T K G I Y A I S V	
UniRef90_M3DBK1	S T G W V S R W L R I Q V P G G V Y A T K V	
UniRef90_W1P6X7	T K S W A A R W L R I S K P G G C Y T L A V	
UniRef90_Q0CAD0	A T S W V A Q R L D S Y V P G G T Y A V K V	
UniRef90_I1GSC7	S R S W A A R W L R I A K P G G C Y T L A V	
UniRef90_S4AA79	D V S W T G R W Q S I S K P G G L Y A V G V	
UniRef90_W2RVV9	A T S W V A K R L S G Y K P G G I Y A T K V	
UniRef90_E1Z113	K T S W C A K W L H L R K P G G C Y A L S V	
UniRef90_T0L673	D K S W V A K W Q R I N K K G L Y A L T V	
UniRef90_F6VDP4	E D S W V S K W Q R V S K P G G I Y A V S V	
UniRef90_T0Q1V9	R E S W V A K W R R I G V P G G I Y A V S V	
UniRef90_A8I2N9	K S S W A C K W L G K Y V P G S Y A M A V	
UniRef90_UPI0004408E8A	E A S W V A R W Q R T S K R G M Y A V R V	K
UniRef90_F0Y7M1	E E S W I A R W E G I N L P G G C Y A M K	

