

QUERY 1 10 20 30 40
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QUERY	T	W	S	P	D	T	A	P	V	R	S	K	M	V	Y	A	S	S	K	D	A	L	R	R	A	L	N	G	V	I	S	T	D	D	V	Q	Q	T	D	D	F	S	D			
UniRef90_F2QMY5	T	W	S	P	D	T	A	P	V	R	S	K	M	V	Y	A	S	S	K	D	A	L	R	R	A	L	N	G	V	I	S	T	D	D	V	Q	Q	T	D	D	F	S	D			
UniRef90_Q6JAG0	S	W	S	P	D	T	A	P	V	R	S	K	M	V	Y	A	S	S	K	D	A	L	R	R	A	L	N	G	V	I	S	T	D	D	V	Q	Q	T	D	D	F	S	D			
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UniRef90_A8NQJ9	A	W	S	P	D	D	A	G	I	K	R	S	K	M	V	Y	A	S	S	K	D	A	L	R	R	A	L	N	G	V	I	S	T	D	D	V	Q	Q	T	D	D	F	S	D		
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UniRef90_G7ZZK8	A	W	C	D	D	S	R	V	R	S	K	M	V	Y	A	S	S	K	D	A	L	R	R	A	L	N	G	V	I	S	T	D	D	V	Q	Q	T	D	D	F	S	D				
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UniRef90_M3HG99	T	W	S	P	D	D	T	A	P	V	R	S	K	M	V	Y	A	S	S	K	D	S	L	R	R	A	L	N	G	V	I	S	T	D	D	V	Q	Q	T	D	D	F	S	D		
UniRef90_B9GKJ6	A	W	S	P	D	D	T	S	K	I	R	S	K	M	V	Y	A	S	S	R	D	R	F	R	R	A	L	N	G	V	I	S	T	D	D	V	Q	Q	T	D	D	F	S	D		
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UniRef90_K4CYN3	A	W	S	P	E	T	A	R	V	R	S	K	M	V	Y	A	S	S	K	D	R	F	F	R	R	E	L	N	G	V	I	S	T	D	D	V	Q	Q	T	D	D	F	S	D		
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UniRef90_A9NLP6	A	W	S	P	D	D	T	S	R	V	R	S	K	M	V	Y	A	S	S	K	D	R	F	R	R	E	L	N	G	V	I	S	T	D	D	V	Q	Q	T	D	D	F	S	D		
UniRef90_R8BY50	A	W	S	P	D	D	A	G	I	K	A	K	M	V	Y	A	S	S	K	D	A	L	K	R	A	L	N	G	V	I	S	T	D	D	V	Q	Q	T	D	D	F	S	D			
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UniRef90_C5E3T2</																																														

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