

QUERY	1	10	20	30	40
UniRef90_H0YSD6	G	I	R	M	S
UniRef90_H9G8B5	M	T	E	G	L
UniRef90_UPI0003C4AA1C	E	E	E	E	E
UniRef90_E9C269	T	A	S	G	L
UniRef90_L7SYZ3	V	A	T	D	L
UniRef90_G3NSH6	A	L	Q	S	E
UniRef90_E9IFD5	K	T	D	M	E
UniRef90_A0A026WES8	A	K	N	L	Q
UniRef90_K7J5A5	A	K	N	L	Q
UniRef90_UPI00034F495A	P	G	L	P	S
UniRef90_C3ZKR6	A	P	A	L	E
UniRef90_D6WRU6	G	K	V	E	E
UniRef90_J9K670	T	G	L	L	S
UniRef90_E9HR51	F	K	S	E	T
UniRef90_V4BB62	R	S	G	F	K
UniRef90_E2BZ59	K	V	A	L	R
UniRef90_Q6P4V5	A	L	R	S	S
UniRef90_T1JMB3	A	L	R	S	S
UniRef90_UPI000359CD55	T	I	K	S	D
UniRef90_A0A023F4G1	E	S	L	E	S
UniRef90_UPI00026583E3	T	I	K	S	D
UniRef90_V5IG85	E	S	L	E	S
UniRef90_V5IG85	T	L	K	S	D
UniRef90_UPI00022C8FB5	L	V	S	D	G
UniRef90_H9IXE6	L	Q	S	T	L
UniRef90_E9C5K7	A	T	T	E	E
UniRef90_E2R4T5	T	S	A	L	Q
UniRef90_E9CF20	E	G	F	K	A
UniRef90_R4V3K9	D	N	N	L	E
UniRef90_K1RF31	T	S	L	E	S
UniRef90_UPI0003944668	S	D	C	A	F
UniRef90_UPI000258F389	S	D	C	A	F
UniRef90_H9KMA3	L	K	S	T	A
UniRef90_L7M761	E	G	F	K	S
UniRef90_L7M761	S	S	L	A	S
UniRef90_I1GK70	T	F	K	S	D
UniRef90_UPI0002A49DC3	G	F	E	S	S
UniRef90_R7TS73	S	A	L	Q	S
UniRef90_UPI0002B46C9F	E	G	L	Q	S
UniRef90_F0ZRR3	V	A	M	Y	L
UniRef90_X1YLH7	K	D	G	F	K
UniRef90_F6ZEV4	G	T	A	I	S
UniRef90_B3RJ25	T	S	S	T	V
UniRef90_A7S6P2	T	S	S	T	V
UniRef90_H2YTE3	T	S	S	T	V
UniRef90_V4A9L5	T	S	S	T	V
UniRef90_F7E6V5	T	S	S	T	V
UniRef90_C3ZVX5	T	S	S	T	V
UniRef90_A0A023FCJ4	T	S	S	T	V
UniRef90_A0A023FFU3	T	S	S	T	V
UniRef90_A0A023FFU3	T	S	S	T	V
UniRef90_W4XUQ6	T	S	S	T	V
UniRef90_E5A286	T	S	S	T	V
UniRef90_UPI0001CBA3F3	T	S	S	T	V
UniRef90_UPI0003F0752A	T	S	S	T	V
UniRef90_G7DY75	T	S	S	T	V
UniRef90_I0I080	T	S	S	T	V
UniRef90_H9JC73	T	S	S	T	V
UniRef90_A0A023FZ11	T	S	S	T	V
UniRef90_UPI00022CDA8	T	S	S	T	V
UniRef90_R7VAI2	T	S	S	T	V
UniRef90_A0A034W7D2	T	S	S	T	V
UniRef90_UPI0002652589	T	S	S	T	V
UniRef90_L8GYL0	T	S	S	T	V
UniRef90_J3S0D7	T	S	S	T	V
UniRef90_F7A5Y1	T	S	S	T	V
UniRef90_E2BL5	T	S	S	T	V
UniRef90_E0VM98	T	S	S	T	V
UniRef90_UPI0001CB9FC8	T	S	S	T	V
UniRef90_W7LP29	T	S	S	T	V
UniRef90_W4XB51	T	S	S	T	V
UniRef90_D6VW74	T	S	S	T	V
UniRef90_G3GVV8	T	S	S	T	V
UniRef90_A0A026VWM4	T	S	S	T	V
UniRef90_UPI0003F1068F	T	S	S	T	V
UniRef90_T1JT32	T	S	S	T	V
UniRef90_T1JT32	T	S	S	T	V
UniRef90_K7IYJ2	T	S	S	T	V
UniRef90_E9HJN1	T	S	S	T	V
UniRef90_G6CS59	T	S	S	T	V
UniRef90_K3X5T6	T	S	S	T	V
UniRef90_B4JU66	T	S	S	T	V
UniRef90_E4X6X1	T	S	S	T	V
UniRef90_UPI000258E89A	T	S	S	T	V
UniRef90_A0A022T6A3	T	S	S	T	V
UniRef90_A0A034V8N2	T	S	S	T	V
UniRef90_U1M3A3	T	S	S	T	V
UniRef90_R0KU72	T	S	S	T	V
UniRef90_I3KE21	T	S	S	T	V
UniRef90_W2TNZ0	T	S	S	T	V
UniRef90_B0WBP5	T	S	S	T	V

QUERY	50	60	70	80
UniRef90_H0YSD6	G K V V K N W V M D L K N V K L V E S D D A A E A T L T M E D D I M F A I V G T G	G N T A M Q W T I D L K N G Y Q Q G P A R N S K A V D T T F T L V S D D D F F M D V V Q Q	K K T A V Q W T I D L K N G Y Q Q G P A R N S K A V D T T F T L V S D D D F F M D V V Q Q	G N V A A K W T I D L K N G Y Q Q G P A R N S K A V D T T F T L V S D D D F F M D V V Q Q
UniRef90_E9C269	G K E V A Q W T V D L K N G Y Q Q G P A R N S K A V D T T F T L V S D D D F F M D V V Q Q	G K T A A V W T T D M L K N T Y K G E P K Q G K A D A T T L T I V S D D D F F M D V V Q Q	S R S A A E W T M D L K N G Y Q Q G P A R N S K A V D T T F T L V S D D D F F M D V V Q Q	G K Q A S E W T L D L K N K G E V Y K G K A D A T T L T I V S D D D F F M D V V Q Q
UniRef90_A0A026WES8	G K V A S E W T L D L K N A E V H K G K G K A D A T T L T I V S D D D F F M D V V Q Q	G E P A Q A D W T L D L K N K V Y K G K P E G K V D T T L T I V S D D D F F M D V V Q Q	G S I A A K W T I D L K N V Y Q Q G P A E G S A D T T T I I S D D D F F M D V V Q Q	K K Q A A Q W T V D L K N T G S G S P K Q G K P A D T T T I T M S D E D F V A L V S G G
UniRef90_K7J5A5	G K E A K Q W T M D L K N A K V Y E G E G K P A D T T T I T M S D E D F V A L V S G G	G K V T S T W T A D L K I G K I Y R G E P K A D T T T L T I D D S D M I D L A L A L G	K K P A A S W V V D L K A Y Q G E P K G N K A D D C T L T L E D A D M V A L V T G	A G Q T G T W Y V D A K N N G K G S V T F G K A D V T L S M N D D L L K L A L M T G
UniRef90_UPI00034F495A	K K P A A E W T L D L K N A K V H K G K A D V T L T I E D D K D M V E I A L A L G	G S D A A L W V V D V K N G K G S V S S D K A D D C T L T A M A D A D L L D M M T G	G N E A G K W T V D L K N V Y A G S P E S K A D V T L T I V S D D N D M A D I V S G	G K P A T S W I V D L K N S K T G E V Y G K V D C T I T V S D D N F M N L V A G
UniRef90_C3ZKR6	S A I V K T W T C D L K K G E I Y E G N P K V D T T T V T I G D K D L V E M A L L G	G K L A Y Q Y T L D L K N G Y E G P A K D K P D C L T L T M E D E V L D K V Q S G	G K K A T E W T V D L K N T G Y K G P P K G I A D V T I T I D D E D V I Q L M L G	G K K A T E W T V D L K N T G Y K G P P K G I A D V T I T I D D E D V I Q L M L G
UniRef90_D6WRU6	G K P E A Q W T L D M K K G E V Y R G N G K A D A T T L T I A D A D M M Q I A S G	G K T V K Q W T L D L K S P V V H D R G S K A D T T M T I A D A D L V Q I A S G	G K D A A Q W T I D L K N G A G S V A A A A P G C T L T V S D E D F A A L V A G	G N I A A K W S I D L K S G Y Q Q G P A K G P A D A T F T L S D E D F F M D V V L G
UniRef90_J9K670	G T E V M H W T V D L K N G A G S V V K G S P N T T F T L S D E D F V A L V S G	G A T V A T W T V D L K K P S V Y Q Q G P G K A D D C T L T L T A D Q D M V Q I A S G	G K P A A K W T A D M K T G G E P K Q G K A D D C C T L T L S D D K N M V D M A S G	G K E A T W I V D V K N G N G S V T N D P A D C T L S L S D E D L P D L M T G
UniRef90_E9HR51	G K P Q A T W T L D L K K A E I Y P K S G K P D A T T L T L E D T D M I Q I A L G	G K L K A Q W T L D L K K V Y R G E P K S K P D A T T L T L E D A D M I Q M A L G	G K E A S K W T L D L K N G I G A V Y R G S P D C C T V T M D D D I F A N L V A G	G K E A S K W T L D L K N G I G A V Y R G S P D C C T V T M D D D I F A N L V A G
UniRef90_V4BB62	G N L A S Q W T V D L K N P P G A V Y Q G E P K C C T V T I S D D D F I R L A N G	G K E A T W V V D V K N G R G S E S G E K A D C C M L T L S D H D L L D L M S G	G K T C T W T A D L K S A Q P S V Y P G E P Q C C T V S M K D E D F V A M A Q G	G E N V G V W L I D L K T A Y R G K S C E K A D C T I K M T D E D C F K M M I G
UniRef90_UPI00022C8FB5	S K V Q S W V L D L K N G S G S E S K G K P N V T I K M T D D D F T Q I M T G	G K V A K E W V L D L K N A K V Y E G G K A D T T M T I A S D G D M V E I A L A L G	G K T A A I W T I D L K N G Y Q G P A K G V P Q A T F T L S D E D F V A L V V G	G Q K V S W V I D L K S Q N P S V T P K G S V D C T L T T S D D D F V A L A T N
UniRef90_H9IXE6	G G K E G V W V V D V K S G N G S V K F G K A D C C C T I T M K D N D F I Q I A M A G	G K V V K S W D M N L S N G A G Y I K E G K P S C S V T I S D D D V M A I F S G	G K Q A V Q W T V D M K S S K E G P K A S K A D C C T V T V E D D N L M D I V S G	G K T A V Q W T V D L K N G Y P G S A R S P A D T V F T I P H H I F M E L V L G
UniRef90_E9C5K7	G K E G L W L V D A K N G K F G S T V D K A D V T L T I K D A D L S D L M T G	E G K E G M W L I N A K T G K G S N G K E K P A D V T F I M N D E D V V D L I S G	A A V W T L D L K N G K G A V Y R G H P N C V I T I E D D D M F N M A V G	A A V W T L D L K N G K G A V Y R G H P N C V I T I E D D D M F N M A V G
UniRef90_E2R4T5	G K V A G V W T I D L K K G Q G G E P K S G K A D V T V T I S D E D F V A L A S G	G K E E S W Y I D L K E T G T V G K G T A P E V T L L I S D E D F G K L V T G	G G Q T R T Y L V D A K N G S G S V S V D K A D V T M T L K D E D L A N L M T G	K N P V A E Y T V D L K T G K G S P K Q G K P A D V T V T M A E Q H F T D L M T Q
UniRef90_E9CF20	G K E E S W T I D L K K V Y K G A A K P K A D V T I N L A D Q T F Q D L A D G	G K R G G S W V D M R G T G E V G E T E T P D A C V L A L S D E D F V A L A T G	G K E E G V W H I D L K N G E G T C G Q G P P D A T L T M D G K N F T D M F A G	G Q L A K Q Y T L D L K N G K G T P K Q G K P D C T F I M E D E V L H N I F S G
UniRef90_R4V3K9	E G R E A T W V V D V K N G K G A N S D K K A D C T I T M S D S D L V A L M T G	G N D I G V W V D A K N G N G S D P K G K G E V T I N V G D E D L L A L M S G	G E E K G T W H L D L K N G T G S C G S G E P D A T L T M K A N F H D M F S G	G G D K A K W I V D V K N G N G S D S K R K A D C C T F K I A D A D L V D L M M G
UniRef90_K1RF31	P N G A K S W V V D L K T G P K G T I T R G A G V T L L G D D S F Q Q L F S G	E G K E A T W V V D V K N G K G C N T D K K A D C C T I V M S D E D L L S L M T G	S S K G G V W I N A K T G K G S V F N K P A D A T L T M T D D D M Y D L M M G	G E E A G V Y F I D L K N G G K G E P N Q P A D A T L T M D S Q N F F A I F S G
UniRef90_UPI000258F389	G P S E G V W Y I D L K N G K G A G R G P P A D A T L T M S A K D F F D L F S G	G D E A G T W Y L D L K N G T G E P N V K A D C C T M T M K S D F N K M F A G	S G D E A S W H I D L K T G K V G T G T G K P D V T L I L S E N F G K L V A G	G N E P G T W H L D L K N G S G S A G S P P D A T L L S L D S A K F I K M F E G
UniRef90_UPI0001CBA3F3	G E E A G K W F V D L K N G S G A C G R G D P D A T L T M D S K N F F M F S G	G K T I L Q W T I D L K N G Y L G S A R L P A D T V F I I P D S V F M E L A V I G	G G A E G Y W I V D A K T G K E Y N G K T K P A D V T F T V S D T D V V D F I S G	D G G T W F L D L K N V G Y G E P S D H A D V V M S M S T D D F V K M F S G
UniRef90_UPI000258E89A	E K E V K R W V L D L K S A E K G S K I V E P D C I I Q I S D Q D M A A L A M G	E K E V K R W V L D L K S A E K G S K I V E P D C I I Q I S D Q D M A A L A M G	G E E A G T W F L D L K N G K G S T G K G E P D A T L T M D S A N F F A M F S G	G A E E G Q W Y L D L K N G S G S S G K G P P A D A T L I M D S Q D F V K M F Q G
UniRef90_B4JU66	N G E E G Y W V I N A K E G K N Y D G K D C D V T F T I N D E D V A D L I S G	G		

QUERY A L P A K E A M A 90 K L T P Q K A F F S G K L K V K G N I M L S Q K L E M I L K A S L K
UniRef90_H0YSD6 K L T P Q K A F F M S G K L K V K G N I M L S Q K L G T I L Q Q K
UniRef90_H9G8B5 K L T D P Q K A F F M S G R L K A K G N I M L S L K L Q T I F K N
UniRef90_UPI0003C4AA1C K L Q A Q K A F F M S G K L K V K G N I M L A T K L E G I F K Q
UniRef90_E9C269 K L N G Q Q A F F M S G K L K I Q G N I M L A Q K L G E L F R T
UniRef90_L7SYZ3 R L N P Q K A F F S G K L K V R G N I M L S Q K L E V I L K
UniRef90_G3NSH6 K L N P Q M A F M S G K L K I T G N I M L T Q K L K T L M D A N K
UniRef90_E9IFD5 K L N P Q T A F M R G K L K I T G N I M L T Q K L K G L M E
UniRef90_A0A026WES8 K L N P Q M A F M K G K L K I K G N I M L T Q K L K S L I D A N K
UniRef90_K7J5A5 K L D P Q K A F F S G R L K A R G N I M L S Q K L Q M I L K
UniRef90_UPI00034F495A K L N G Q T A F F Q G K L K I T G N M M L M T K L E G L F K
UniRef90_C3ZKR6 K L Q P Q A A F M K G K L K I T G N I M L A Q K L A P I L K A
UniRef90_D6WRU6 K L N P Q M A F M K G K L K I K G N I M L A Q K L K A L
UniRef90_J9K670 K L N A Q K A Y M Q G K L K I K G N I M L T Q K L Q G L L K
UniRef90_E9HR51 K L N P Q T A F F Q G K L K F K G N M A L A M K L K E I Q P K A
UniRef90_V4BB62 K L N P Q A A F L Q G K L K I T G N I M L A Q K L K N I M E
UniRef90_E2BZ59 Q L N P Q T A F F Q G K L K I T G N M G M A M K L Q N L
UniRef90_Q6P4V5 K L N P Q K A F M T G K L K I K G N I M L T Q K L Q T L F K
UniRef90_T1JMB3 K L D P Q K A F M T G K L K L S G N I M L A Q K L G D L F A
UniRef90_UPI000359CD55 N L N P Q V A F Q Q G K L K I K G N I M L T Q K L R G L M T S
UniRef90_A0A023F4G1 R L D A Q R A F M S Q K L K V K G N V L A S Q K L A D L
UniRef90_UPI00026583E3 K L N P Q K A F M S G R L K I R G N I M L T Q R F Q E I L K S G R
UniRef90_V5IG85 K L N P Q K A F M Q G R L K I R G N I M L T Q R F Q E I L K S G R
UniRef90_V5IG85 K L T P Q M A F M Q G K L K I T G N I M L T Q K L T S L I T A S R
UniRef90_UPI00022C8FB5 A L N P Q V A Y M K G K L K I A G N I M L A Q K L G P L L K S
UniRef90_H9IXE6 T I N P Q K A F M S G K L K V K G N V T L A T K L D K V L Q G A K
UniRef90_E9C5K7 K L D P Q K A F F S G R L K A R G N I M L S Q K L Q M I L K
UniRef90_E2R4T5 K L Q A Q K A F R N G K I K I K G S F A A A E K L E A V L K Q
UniRef90_E9CF20 K L N P Q A A F L Q G K L K V A G N I M L T Q K L S A L L K
UniRef90_R4V3K9 K L N G Q T A F M K G L K L K V K G N M M L A Q K L G S L F
UniRef90_K1RF31 K L N A Q T A F F K G K L K V T G N M G M A M K L Q N L
UniRef90_UPI0003944668 K L N P Q M A F L Q K K L K I T G N I M L T Q K L K S L M E A G K
UniRef90_UPI000258F389 K L N P Q V A F V R Q K L K I T G N I M L T Q K L K T L I E A S K
UniRef90_H9KMA3 R V T P Q V A F S K F V K V E G K K E L A D K L H P L F L S A
UniRef90_L7M761 R V T P Q V A F S K F V K V E G K K E L A D K L H P L F L S A
UniRef90_L7M761 D L N P Q Q A F F G G K I K I T G N V M L S Q K L A Q L F N Q
UniRef90_I1GK70 K L N P Q T A F V K G K L K V S G N L G M A M K L Q N L
UniRef90_UPI0002A49DC3 K L N G Q K A F M T G K L K V K G N M M L A Q K L G S L F Q T
UniRef90_R7TS73 Q L N P Q T A F L Q G K V K I S G N M A L A M K L Q K L
UniRef90_UPI0002B46C9F K L N A Q S A F M K G K L K I Q G N M G L A T K L G S I M Q K S K
UniRef90_F0ZRR3 K L Q P Q T A F M K G K L K I T G N I M L A Q K L A P L L K T
UniRef90_X1YLH7 R L N P H Q A F F N G R I K V E G N L I A H N M I L K T
UniRef90_F6ZEV4 K L N A Q K A F F N G K L K V S G N I M L A Q K L E N L F K S S K
UniRef90_B3RJ25 K L N P Q T A F F K G Q L K I K G N L A L A M K L K E F Q P K A
UniRef90_A7S6P2 S L N P Q Q A F F N G R M K V S G N I M L A Q K L D V I F K S
UniRef90_H2YTE3 K L A A P Q A F M S G K L K V K G N I M L A Q K L G Q L F Q
UniRef90_V4A9L5 K V S P Q W A F L A G K L K V S G K V R L G Q K L E K I F R
UniRef90_F7E6V5 K L N P Q T A F F Q G K L K I Q G N M A V A M K L Q S L
UniRef90_C3ZVX5 K L N P Q K A F F Q G K I K I Q G N M G L A L K L T E L Q K K A
UniRef90_UPI00023FCJ4 Q L D P Q R A F M T G K L K V K G N L L I M Q R L R E L L K P P K
UniRef90_UPI00023FFU3 Q L D P Q R A F M T G K L K V K G N L L I M Q R L R E L L K P P K
UniRef90_UPI00023FFU3 S L K P Q T A F L S G K I K V K G Q I M L L Q K V L P M F E S
UniRef90_W4XUQ6 K A N A Q K L F M S G K L K V K G D V M K A T K M E P I L K K A Q
UniRef90_E5A286 K L N P Q Q A F F Q G K L K I T G N M A L A M K L R E L
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T T E L K S D A I F D L I R G V I N E D V V K A T Q G V Y R F D L K K I
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P G F N A S S E L I S G L K D V F E E R Q A Q I K K T N G I F E L Q V S N D
A F P S S V A F D A I N D A L S S N E Q A V K Q G G A V Y T F K L T N A
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[illegible]

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UniRef90_J3P0L5	K	A	N	A	Q	K	L	F	M	S	G	K	L	K	I	K	G	D	V	M	K	A	T	K	L	D	P	I	L	K	K	A	Q
UniRef90_P80547	K	A	N	A	Q	R	L	F	M	T	G	K	L	K	V	K	G	N	V	M	K	A	A	A	I	E	G	I	L	K	N	A	Q
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UniRef90_F8I5X3	Q	L	N	P	M	S	A	F	M	S	G	K	L	S	V	A	G	D	M	G	L	A	L	K	L	Q	T	L	I				
UniRef90_B4NUE9	P	L	M	P	P	A	A	F	M	K	S	K	L	K	I	R																	
UniRef90_U7Q1L7	K	A	K	A	Q	G	L	F	M	S	G	K	L	K	I	K	G	N	V	M	K	A	A	K	L	E	P	I	L	N	K	S	R
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UniRef90_H3FK01	K	L	S	P	T	T	A	F	M	T	K	K	L	V	I	K	G	N	L	P	A	A	M	K	L	E	N	L	M	K	K	M	K
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UniRef90_A7NKG0	D E S L	F E S V S I F G G Q S E P S V T L R M T T D D Y R Q M L S G		
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UniRef90_UPI0003318464	K G T	P Q K A L L A X K F K V S G K V L L G Q K L E R V F K		
UniRef90_R9P715	K H	A Q K L Y N Q G R I K V K G D L D R A L R V A T L I		
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1 10 20 30 40

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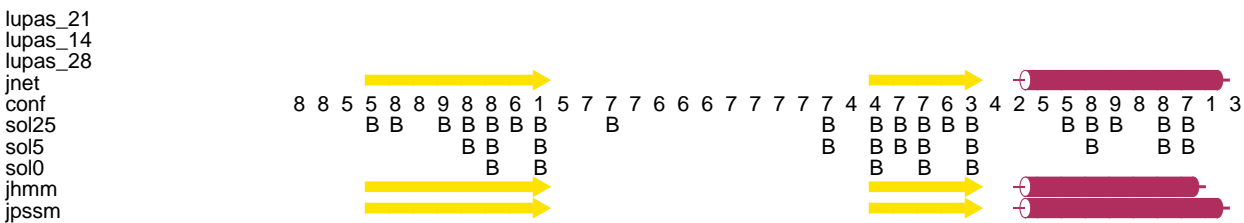
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G L D P F Q P T A S P K S A Q V K L T V A S D D L I A L A H D
Q K Y T L E M V N S V L N H T E G K P A K Q P T A S M T L S R D T L N R M M L K
P E G D V T Y H L V V G D G E A A F G A G P A D V K M E Q S W K T A V D V A T G
G R D S G H F Y I H L K D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

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UniRef90_H9BQV0 T A S F E T L M A Q G K V Q H Q G D L K L I Q Q F F S M L D
UniRef90_Q0F163 H E D P D D L V F E Q V L K L S G D S D A M L R F F K L F A A A
UniRef90_R6KCA6 R I T F H R A F M T G D M T A K G N F R T L R M L D E I F D
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	50	60	70	80
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UniRef90_A9MGJ3	D N T L E N S V L N Y R Q S L Q P K S D A S F Y M S R T D L H D V L T G			
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	90	100	110
UniRef90_D3DG61	D M G P K A A M L T K R L	K F K G S M I T A M K	
UniRef90_X2H7C4	Q E D P D T L F F N R R L	K I E G D T E L G L V V K	N L L D S I
UniRef90_UPI00047BFB3C	Q L L L D E A M I Q G R I	K L I G N S D K F F K L	
UniRef90_A0A022M749	E L N F A T A W G S G R V R L	E A S L L D L F R L R K	L L
UniRef90_A9MGJ3	Q A K M A D L V K A K K V	K V I G N A V K L D E I I	
UniRef90_Q085G6	K T S L K Q L L Q Q G K A N	M T G D K Q A F G K I A S T L	
UniRef90_A9KQC4	R T T F Q G A F M S G E L T	A K G D F K I L R R F D Q L F N	
UniRef90_UPI0004661497	K E D P D S L F F Q R R L R	I E G D T E L G L E V K N L I	D S L
UniRef90_D9T375	R L H P A A A L L R N D L A	A R G E L K L L M T L R R I F	
UniRef90_R5KZJ3	D V S F D G A L T D G L V K	V D G D V A K F K A L E A L V	P A K K
UniRef90_UPI00046EE489	Q S A G M Q G F M N G Q I K	V E G D M S K L M M L Q A V S	P S E K
UniRef90_UPI0004719D1B	K E D P D T L F F Q R R L K	I Q G D T E L G L E V K N L L	D N I
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UniRef90_I0I8N4	K L D P V Q G M V T R Q L K	L D G N L V K I M K	

