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 Q T A L V G N S M G E A W R G G D Y V F A S S G N L V L D L L H N F F F L E E C C G G A R T
 Q T A L V G D S M G E F W H G G D Y V F N S S G N L V L D L L H N F F F L E E C C G G A R T
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 Q T G L P G D S M G R A W T G D N V V F N S S G N L V L D L L H N F F F L E E C C G G A R T
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 Q A S L P G D S M G N P W T G K Y V F T S S G N L V A D L L H N F F F L E E C C G G A R T
 L G A M P G D S V G N R W T A D Y I I A S S G N L L A D F R A N L N A E S Q G G R L
 G G S A P I N S N G A S W N D Y F L T S T G N V V D L L H N F F L E E C C G G A R T
 Q M A K P F D S M G A P W T G D Y F T F K S G N L V E D L L H N F F L E E C C G G A R T
 Q T A L P V D S M G K P W N G E Y V F T S S G N L V L D L L H N F F F L E E C C G G A R T
 L G A Q P N D S A G Y P W N A R Y T I A S S G N L L A D F R A N L N A E S Q G G R L
 L G A L A T N S L G K G W N G E Y T I A S S G N L V L D L L H N F F F L E E C C G G A R T
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 L T A F P M D S H G N P W R G D Y I E I A S S G V L E I D L L H N F F F L E E C C G G A R T
 L G A M A A D S Q G Y P W N A K Y I I A S S G N L M A D F R A N L N A E S Q G G R L
 L G A M P A D S V G N R W T A D Y I I A S S G N L L A D F R A N L N A E S Q G G R L
 P G A M L A D S H G K A W T G D Y V I A S S G N L M L D L T H N F F L E E C C G G A R T
 L G A Q P A D S V G F P W N G R F I A S S G N L L A D F R A N L H A E S Q G G R L
 L G A T P T D S V G Y P W N S R Y T I A S S G N L L A D F R A N L N A E S Q G G R L
 L G A T P T D S V G Y P W N S R Y T I A S S G N L L A D F R A N L N A E S Q G G R L
 Q T A L P V D S R G V G W T G D Y V F S S G N L I L D L L H N F F F L E E C C G G A R T
 Q G A Q P A D S T G Y P W N G R F A I G S S G N L L A D F R A N L H L E S Q G G R L
 L G A T A T D S V G Y P W N S R Y I T S T G N L L A D F R A N L N A E S Q G G R L
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 L G A M P A D S L G N R W H A R Y I I A S S G N L L A D F R A N L N A E S Q G G R L
 L G A Q P N D S A G Y P W N A R Y T I A S S G N L L A D F R A N L N A E S Q G G R L
 L G A M P V D S V G N R W T A S Y I A S S G N L L A D F R A N L N A E S Q G G R L
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 L G A S P N D S V G Y P W N A R Y T I A S S G N L L A D F R A N L N A E S Q G G R L
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 L G A R P T D S V G N P W M G T Y I T A S S G N L L A D F R A N L N A E S Q G G R L
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 L G A M P A D S V G N P W T A S Y L K A S G N L L A D F R A N L N A E S Q G G R L
 Q G A T P T D S V G Y P W T S R Y T I A S S G N L L A D F R F N V T A E S Q G G R L
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 G G A T P T D S V G Y P W N G N Y I V A S S G N L M A D F Y A N V Q A E A Q G G R L
 L G A M P T D S N G Y P W N S K Y I I A S S G N L L A D F R A N L N A E S Q G G L L
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 L G G L P T N S N G V P W N G S Y I V A S S G N L L A D M R S N L H A E A T Q G G R L
 A G A R P V D S M G N P W Q G S Y I T A S S G N L L A D F T S N A N A E M Q G G R V
 L S A M A V D A N G V P F N G S W V V G S G N L A A D M Y A N V N A E S T Q G G R L
 L G A R P V D S A G N P W N A G Y T I G S G N V V A D L Y A N V N A E M Q G G R L
 L G A M P A D S V G N P W T A S Y I N A S S G N L L A D F R L N L T Y E S Q G G R L
 Q S S L P V D A A G N P W N G S W V Y S H G N L I S D L L D N V V L E S T Q G V L
 L G A L P A D S V G Y P W N A K Y T I A S S G N L L A D F R A N L N A E S Q G G R L
 L G A A P K D S N G V P W N A G Y I A S S G N L L A D F R A N L N A E S Q G G R L
 L G A M P E N S T G V P W N A G Y I V A S S G N L L A D F R A N L N A E S Q G G R L
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 G G A T L S D S Q G V P W N G R Y I V A S S G N L L A D F R A N L V A A E A Q G G R L
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 L G A T P E N A A G V P W S A G Y I I A S S G N L M A D M R A N L N A E S T Q G G R L
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 L G S R P S D S V G N P W N A A Y T I A S S G N L L A D F R F N V T A E S Q G G R L
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 L G P R P A D S V G N P W S G A Y I I S S G N L L A D F R A N L N A E S Q G G R L
 L S A M P V N S N G V P F D M S H V Y A T G N I A T D M L A N V T A E S Q G G R V
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QUERY	170	180	190	200			
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UniRef90_DOMH63	HKLRVYYE	MTDNPPV	VAAREMMLGGY	LVLVRRGGG	GVVHQAAYG	KAKALLEE	STLTT
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UniRef90_C6IZ73	HKLRVYYE	MTDNPPV	VAAREMMLGGY	LVLVRRGGG	GVVHQAAYG	KAKALLEE	STLTT
UniRef90_U5LCD9	HKLRVYYE	MTDNPPV	VAAREMMLGGY	LVLVRRGGG	GVVHQAAYG	KAKALLEE	STLTT
UniRef90_I4EMZ5	QKLRVYYE	MTDNPPV	VAAREMMLGGY	LVLVRRGGG	GVVHQAAYG	KAKALLEE	STLTT
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UniRef90_A0A024PFB0	QVVRLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
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UniRef90_E5WQ44	QVVRLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_UPI00034DAD13	QVTRLYE	MTDDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_UPI000365F81C	HKLRVYYE	MTDNPPV	VAAREMMLGGY	LVLVRRGGG	GVVHQAAYG	KAKALLEE	STLTT
UniRef90_U5LBN8	QAVRLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
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UniRef90_UPI00030B0E21	QVVRLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_G2TNN7	QVVRLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_UPI0003B79E36	QVVRLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_UPI0003769BFA	HKMKVY	MTDDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_UPI00037967FC	QVIRLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_E5WRA6	QAVRLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_K9WWS9	QKCRVLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_A0A022LLA4	AVARLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_E6TUY4	QVTRLYE	MTDDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_Q11H56	QVCRVLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_I0K439	GKMRVY	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_B7K8P4	QAVRLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_G4HJC4	QVVRLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
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UniRef90_F2F902	QVSRVLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_T5HKK6	QVSRVLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
UniRef90_U1YZJ0	QVSRVLYE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
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UniRef90_E8TPF1	LAATRWE	MTSDRR	GVKDMML	SFLIARR	DTHMQN	MWLAAL	EELLET
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210 220 230 240

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UniRef90_UPI000382C65F V A L L T G V T K P A D P D Q A P L A V G K D A R N T W H F I A T A
UniRef90_D5ZU56 I A R L L E G A P A T A T T K M A T S D P A V G A V L G G M D P Q Q A I A G
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UniRef90_D5DI81 I N A L L D E S G G A G V G S Q G S D Q A P L D E A V K H A N P H H Y I M G A
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UniRef90_Q13JW1 V A M L N K G A K G R L A E G V E Q E A L Y R S L T G G G N D S H H I T L Y G
UniRef90_A5CN12 I S R L L D G S P T D P L D T P G K G G A T P L S I A L D H G N I H H H L V G A
UniRef90_UPI00041618F8 V A L N L E G S S S A L K Q E M A K A N P M V E A V M G G R D P R H L L S G G
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UniRef90_W9AMQ6 V A R L L D K A P V I Q A Q E E A A K D P V I G A V M G D M N P H H A I V S G
UniRef90_H8H0Z4 V A L N L E G S S A A V Q E E A A R A N P M V A A I L G G M E P R Q Y L S A G
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UniRef90_W3AEP7 V A R L L E G A P V I E Q E K A A A D P I V G A I M G G M N P Q H A I V H
UniRef90_UPI0003B6D24E I N S M L T D E R S I K D E V D V Q K S P L L G L A D P G N P H H F V N G G
UniRef90_UPI0003B42A62 V A M N L E T A P S S A Q E E G A A D A I V G A V M G G G N S A K T S I E G
UniRef90_UPI0001FFDDAD I A R L A D G S P P R Y Q G A A T D D L D A T P L G M A L G G E N I H H Y L V A G
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UniRef90_UPI0001746577 I N L L L T G T A K T P E T A N K V D P S P L A Q A M G A R N S Y H F I L A S G
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UniRef90_L1LU10 V M L N K G A K G R L A E G V E A E G E L Y R S L T G A G N D S H I T S Y G
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UniRef90_U5SAW0 I A Q L L D D A P V D A Q E N A F E S D P T I A A V M G G M D P Q H A I V T G
UniRef90_I0HT81 V A M L N K G A K G R I A E G V D S E A D M Y R S I S G A G N D S H I V T Q Y G
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UniRef90_A7MK77 V G M L N K G A K G D L A E A T E T E G E L Y R S I T G A G N D S H L T Q Y G
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UniRef90_W1JWW3 V A L N L E N A P A T M Q E T S G N P I V G A V M S G I E G M L H K H I L S T G
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UniRef90_H2J2B6 V G M L N K G A K G E L A E G T E K E A E L Y R S L T G G G N D S H I T S Y G
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UniRef90_D6U0Z7	Q G A M P L D S A G N P	W S G S Y V Y N S G N	L M L D L I Y N L	M L E A T Q G R L
UniRef90_K0JXK1	G G P T L S D S A G N V P	W N G R F I V A S G N	L M A D F R A N V	L A E A Q M G R L
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UniRef90_UPI0003B4B3C0	A G A R P V D S N G N P	W Q G S Y V T A S G N	L L A D F T A N A	N A E E M Q G R V
UniRef90_W4BHJ8	Q G S L P V D A A G N P	W M G N Y V Y N H G N	L V A D L L D N L	V L E S T Q G R L
UniRef90_UPI0001E89ACD	L G A L P V N S V G V P	W N G G Y V I A S G N	L L A D F R A N L	N A E E S T Q G R
UniRef90_M7NAT0	L G A M P A D S N G V P	F N G S W V V S S G N	L A V D M R S N V	M A E S S Q G R L
UniRef90_F2F903	L G A T P K D S N G V P	W N A G Y I I A S G N	L L A D F R A N L	N A E S S Q G R L
UniRef90_UPI0003B6A79B	M A A L A T D A N G V P	F N G S W V V G S G N	T A A D M Y A N V	M A E S T G R R L
UniRef90_A4FE49	Q G A M P V D A V G N P	W S G S Y V Y N S G N	L V L D L L Y N L	M L E S T G R L
UniRef90_UPI0004288D7A	L A A M A A D S N G V P	F N G S W V V A S G N	L A A D M Y A N V	M A E S T G R R L
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UniRef90_B1LV19	M A A F P G N S D G Q S	F F D M S H I Y A S G N	L A D M Y C A N V	A A E S T G R V
UniRef90_UPI0003B31B10	L G A V P K D S N G V P	W N A G Y I I A S G N	V L S D F R A N L	N A E S S Q G R L
UniRef90_D3FQM8	K A S L P V D A G N P	W N G S W V Y D H G N	L V A N L L N N V	V L E S T G V L
UniRef90_I2GDM8	L G A M A D A D A N G V P	F N G S W V V S S G N	L A D M Y A N V	M A E S T G R A
UniRef90_M7MNY2	A G A R P A D S N G N P	W S G S Y V T A S G N	L L A D F M S N A	N A E E M Q G R L
UniRef90_J9RTG2	Q G A L P V D A A G N P	W S G S Y V Y N S G N	L V L D L L Y N L	M L E S T G R L
UniRef90_V4T721	L S A M P V N S N G V P	F F D M S H I Y A T G N I	G A D M L A N A T	A E A S T G R V
UniRef90_UPI00037CF591	L G A M A V D A S G V P	F N G S W V V G S G N	I A A D M Y A N V	M A E S T G R V
UniRef90_UPI000382C65F	Q T S L V G D S M G G F	W H G G Y V F N S G N	L V L D L L H N F	F L E C G A R L
UniRef90_D5ZU56	G A A L P A D S N G V P	W N G R Y V A V A S G N	L L A D F Y A N V	V A E A Q S R L
UniRef90_UPI00037F8128	L A A M P V D A N G V P	F F D M S H I Y A S G N	I A A D M Y S N V	C A E S T G R A
UniRef90_D5DI81	Q S S L P V D A G N P	W N G S W V Y N H G N	L V A D L L N N V	V L E S T G V L
UniRef90_V8CWV4	G G A L P A D S N G V P	W N G R Y V I A S G N	L L A D F R A N V	T A E S Q R A K L
UniRef90_Q13JW1	G G P A L T N S A G V P	W T A A Y I D T I G E	P T A D L R S N I	A A E A R A K I
UniRef90_A5CN12	Q G A L P V D A A G N P	W S G S Y V Y N S G N	L P L D L L Y N V	M L E S T G R L
UniRef90_UPI00041618F8	L G A M A T D A N G V P	F N G S W V V S S G N	L A A D M Y H A N V	M A E A T G R V
UniRef90_UPI000361FD12	M A A F P A N C D G V P	F F D M S H I Y A S G N	L A A D M Y C A N V	A A E T T G R T
UniRef90_J9SCH2	G G P R L A D S N G V P	W N S G Y I T H S G N	L L A D F H A N V	T A E A Q G R V
UniRef90_G8MKE9	G G P A L T N S A G V P	W T A A Y I D T I G E	P T A D L R S N I	A A E A R A K I
UniRef90_W9AMQ6	L G A A P E N S V G V P	W N A A Y I V S S G N	L L A D M R A N L	N A E S S Q G R L
UniRef90_H8H0Z4	M A A L A A D A N G V P	F N G S H V Y A S G N	L V A D M Y S N V	A A E A T G R A
UniRef90_UPI0003813891	G G P A L V N S A G V P	W T A A Y I D S I G E	P T A D F R A N I	A A E A R A K L
UniRef90_W3AEP7	L G A S P K D S N G V P	W N A A Y I V A S G N	L L A D F R A N V	N A E S S Q G R L
UniRef90_UPI0003B6D24E	K G A L P Q D S R G L P	W T G D N V V S T G D	L L F D L T H N Y	F L E T G A R S
UniRef90_UPI0003B42A62	L A A M P M D S D G V P	F F D M S H I Y A S G N	V A A D M Y C A N V	A A E S T G R V
UniRef90_UPI0001FFDDAD	Q G A L P V D A Q G D P	W T G K Y I Y D S G N	L L L Y N L M L E	S T G R L
UniRef90_I0L7M5	G G P L P R D S Q G V P	W N A G Y I V A S G N	L L A D F R S N V	A A E A Q S R L
UniRef90_W0ILG7	L S A M P V D S D G V P	F F D M S H I Y A S G N	I A A D M T A N V	A A E S T G R V
UniRef90_C6B860	L S A M P V D S D G V P	F F D M S H I Y A S G N	L A A D M T A N V	T A E S T G R V
UniRef90_W9H2Q4	L A A F P G N A D G V P	F D C S H V Y A S G N	L A G D M F A N V	T A E S T G R T
UniRef90_F8FAH8	Q S S L P V D S S G N P	W N G S W V Y D H G N	L V S N L L D N L	V L E A T G T L
UniRef90_UPI0001746577	Q T A L P V D S M G Q P	W T G A H V T A T G N	L V M D L H N F	F L E C G A R A
UniRef90_UPI00036EEA93	A G T P L V N S A G V P	W T A A Y I D S I T E	P T A D L R S N I	A A E A R A K I
UniRef90_D9V198	G G A L P A D S N G T P	W N G K Y I V A S G N	L L A D F R A N A	A A E A Q G R L
UniRef90_UPI000288813F	L G A M P T N S N G V P	W N G A Y I T A S G N	L L G D F R A N A	H A E A T Q G R L
UniRef90_F3WV76	L A A H P S D S D G V P	F N M S H I Y A S G N	L A A D M Y C A N V	A A E S T G R V
UniRef90_S3MV05	A G A P L V N S A G V P	W T A A Y I D T I G E	P T A D F R S N V	A A E A R A K I
UniRef90_UPI00035D2208	A G A Y P Q D S A G V P	W S G A F V T S S G N	L L A D F Q L N A	T A E M Q G R L
UniRef90_UPI000465B004	G G P A L T N S A G T P	W T A A Y V D T I G E	P T A D L R S N I	T A A E A R A K I
UniRef90_UPI0004686569	L A A M P V N A N G M S	F F D M S H I Y A S G N	V A A D M L A N V	T A E S T G R V
UniRef90_UPI0002885B4C	L A A L P E N A N G V P	F F D M S H I Y A T G N	V V G A D M L A N V	T A E A G G R V
UniRef90_R5VJ05	G G P M L T D S N G N P	W S A T Y V N A D G D	L T V D L R S N I	A A E S R A K I
UniRef90_W9BYN9	G G P A L T N S S G V P	W T A A Y Y D S R G D	P T C D L R S N I	A A E S R A K I
UniRef90_L1LU10	A G A P L V N S A G V P	W T A A Y I D T I G E	P T A D L R S N I	A A E A R A K L
UniRef90_J5PLQ4	L A A F P A N S D G V P	F D C S H I Y A S G N	L V A D M Y C A N V	A A E A T G R T
UniRef90_K6BJQ2	A G A P L T N S A G V P	W T A A Y I D T I G E	P T A D M R S N L	A A E A R A K L
UniRef90_D8I2L8	G G A L P A D S N G Y P	W N G A Y I V A S G N	L L A D F R A N A	A A E A Q G R L
UniRef90_G8AMH9	G G P A L T N S A G Q L	W T G G Y I D S I G E	P T A D L R S N I	T A A E S R A K L
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UniRef90_Q7UKC5	M A A M P V D S E G V P	F F N C S H V Y A S G N	V A A D M L A N A	T A E S T G R M
UniRef90_A0A034UK19	G G P V L A D S N G V P	W N G R Y I V A S G N	L L A D F R A N V	T A E S S Q G R V
UniRef90_UPI0002D7953D	G G P R L T D S N G V P	W Q G S Y V N A N G D	L T V D L R S D I	A A E S R A K I
UniRef90_UPI000375C75D	A G A P L T N S A G V P	W T A A Y I D T I G E	P T A D L R S N I	A A E A R A K I
UniRef90_B2JRY7	A G T P L T N S A G V P	W T A A Y I D T I G E	P T A D L R S N I	A A E A R A K I
UniRef90_D4E7A0	G G P A L T N S A G V P	W S A A Y I D T I G E	P T A D L R S N I	A A E A R A K I
UniRef90_K0V251	G A P T L S D S A G S P	W N G K Y I V A S G N	L L A D F Y A N V	A A E A Q G R V
UniRef90_L0K4Q8	Q S A M P V D S N G V P	F S G G Y V V A S G N	L A G D L Y A N V	M A E G T G R T
UniRef90_U5SAW0	L G G P T A K D S N G V P	W S G S Y I T A S G N	L L A D F R S N I	N A E S Q G R L
UniRef90_I0HT81	G G P A L T N S G G V P	W T S A Y I D T I G D	P T A D L R S N I	A A E A R A K I
UniRef90_C1DI24	G G P A L T N S G G I P	W S A A Y I D T I G E	P T A D L R S N I	A A E A R A K I
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UniRef90_Q1H1D3	S G A P L T N S A G V P	W T A A Y I D T I G E	P T A D L R S N L	A A E A R A K I
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UniRef90_I5CL80	G G P A L T N S A G V P	W S A A Y I D T I G E	P T A D L R S N I	T A E S R A K I
UniRef90_I0HAB6	G G A M P T N S Q G V P	W N A G Y I V A S G N	L L A D F R S N V	A A E A Q S R L
UniRef90_H2J2B6	G G P A L V N S A G V P	W S A A Y I D T I G E	P T A D L R S N I	A A E A R A K I
UniRef90_B7V9S2	G G P A L V N S A G V P	W S A A Y I D T I G E	P T A D L R S N I	A A E A R A K I
UniRef90_E2SUZ1	G G P A L T N S G G V P	W T A A Y I D S I G E	P T A D L R S N I	A A E A R A K I
UniRef90_L8JVL8	G G P T L T D S N G N P	W T A A Y I T A N G D	L T V D L R S N I	A A E S R A K I
UniRef90_U1TSF5	G G S P L T N S G G V P	W T A A Y V D T I G E	V T A D L R S N I	A A E A R A K I
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Table with UniRef90 IDs on the left and amino acid sequences on the right. Sequences are organized into columns labeled 1, 10, 20, 30, and 40. Amino acids are represented by single-letter codes. Specific amino acids are highlighted in yellow (e.g., C, H, Y, V, R) or red (e.g., D, K, Q, N, P, R, S, T, V, W, X, Z).

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E E L T R K K I
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G Y M N G K K Y Y
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UniRef90_V6J4Q9 M W Y Y E K K L L Q Q Y P V V N I I M W I Y T K Q L E Y P V V N I I T T P D A R L A K I M I E Q Q Y G G G P P D D G G E L L G A S
UniRef90_R5B4W9 M W I Y E K K L L E F P I K I V I T T P D A R L A K I M I E Q Q Y G G G P P D D G G E L L G A S
UniRef90_N1Z5M1 M W I Y E K K L L E F P I K I V I T T P D A R L A K I M I E Q Q Y G G G P P D D G G E L L G A S
UniRef90_UPI00039F9D09 M Y H H V K K L M Y T V R V V A A P D P R F G N M L L E Q Q F G G A N G E L L A A A S
UniRef90_R7E9L5 M W I Y E K R R L L E E Y P V V N I I T K T D A R T I A K I I A T T Q Q Y G G G P P D D G G E I S A S S
UniRef90_W7V0S9 M W Q Y E K K L L Q Q Y P V V K I I K T P N A K L A K V I I I S Q Q L G G G P P D D G G E L L S A S S
UniRef90_R5JYC1 M W I Y E K R L L Q Q F P V V N I I K E T N A K L A Q D I I S S Q Q Y G G G P P D D G G E M G A S S
UniRef90_R6S4J0 M W R Y E K R R L L Q Q Y P V V N I I K E P N A G L A K L I I S S Q Q Y G G G P P D D G G E M G A S S
UniRef90_B9Y8Q1 M W I Y E K K L L Q Q Y P V V N I I Q K P D P A M A K L I I T T Q L L G G S D D G G E K G A S S
UniRef90_R5A450 M F K Y E K T L E Y P V V N V K K K D L R M A K L L V D Q L L G G P P S D G E L L G A C
UniRef90_R5LSV4 M W I Y E K R L L E E F P I N I I K T P D A N T A A L I I S S Q Q Y G G G P P D D G G E A G A S S
UniRef90_R6U9L0 M W T Y E K K L L Q Q F P V V N I I R K P D P A F A K I V I S Q Q L G G G P P D D G G E L L K A A S
UniRef90_H5XS38 M F K H I K D M E Y T V H V D D Q P D P R F A V L L L E Q Q F G G P N G E L L K A A A
UniRef90_H1AGH1 M W I Y E K R L L Q Q Y P I N I I T K P N A K A A V I I D Q L L G G G P P D D G G E L L K A A A
UniRef90_R5XQH6 M W V Y E K T L Q Q Y P V V N L K C R D L R M A K V I M T Q L L G G P N G E L L A A A
UniRef90_R5IUT6 M W A Y Q K K L L Q Q F P V V D I K K K R D L K M A K N I I T Q L L G G A N G E L L A A A
UniRef90_R5KY11 M Y V Y E K R L L Q Q Y P V V N I I K C R N P K M A K V I I S S Q Q Y G G G P P D D G E A S A A
UniRef90_R9JUQ1 M W N Y E K R L L Q Q Y P V V K I I T Q T N P Q I A Q V I I S S Q Q Y G G G P P D D G E L L A A S
UniRef90_C0GCL3 M F K H E K P M L H P V V K V I D A P N P Q Y A A M L Q E Q L G G S N G E L L K A G A
UniRef90_A3ZNM8 M Y H H V K K L M Y T V D V G T P D P R F G K M L L E Q Q F G G A N G E L L A A A
UniRef90_E5WVF8 Y A K K L Q E L L I G G Q F G E M S V A

UniRef90_R7HEY4 M F K Y D K K L A Y P I N I I T K K D L V R F G N M L L E Q Q F G G G P N G E L L S A A
UniRef90_UPI0003B4E994 M Y H H V K K M M Y T V N I I G E P D V R F G N M L L E Q Q F G G G A N G E L L A A A
UniRef90_C9RAX5 M W I Y E K H L E Y R P I R V I S R C D V L G L A K L L I T T Q Q F G G P P D D G G E F S A S
UniRef90_R7MEG7 M F R Y E K M L E Y R P I N I I N R T D L T M A K Y L Y A Q Y G G G P D S E L L S A G C
UniRef90_L0KBP2 M W I Y E K K L L Q H P V V T V I N K K K D L R M A K F L V T S Q Q Y G G G P S S E L L S A S
UniRef90_R5TDJ6 M W R Y V K S L E Y P I N I I T K K D L R M A K A M L S Q Q Y G G G P S S E L L S A S
UniRef90_R5HHD1 M W K Y E K K L E Y P I N I I T K K D L R M A K A M L S Q Q Y G G G P S S E L L S A S
UniRef90_UPI0002DFB760 M F F H K K E P I H S V K I I D E P N P R F A Q L L L E Q Q F G G A T T G E L L T A A
UniRef90_W0E6F6 M F K H I K D M E Y T V H V D D Q P D P R F A N L L L E Q Q F G G A T H G E L L K A A
UniRef90_D8FX38 M F F H K K E L M Y T V K I I D D Q P D P R F A Q L L L E Q Q F G G A T T G E L L T A A
UniRef90_R7G4Z7 M F K H E K K L M H K V R V E K P N P Q Y A V L M Q E Q L L G G C N G E L L K A A
UniRef90_K9WFB1 M F F H K K L I M H P V V K V I D A P N P Q Y A Q L L L E S Q Q F G G A T D G E L L T A A S
UniRef90_R5EZX8 M F V Y D K K L E Y P V V K I I A A V N P R L A A L I I S S Q Q Y G G G P P D D G E L L G A S
UniRef90_R6ASF1 M W I Y Q K K L E F P V V N I I T T P D L R V A R A L M A Q Y G G G P P D S E L L A A G
UniRef90_UPI0002483FED M F F H T K E L I N K T V E V I D E P D P R F A Q L L L E Q Q F G G A T T G E L L S A A
UniRef90_B8EQ11 M F I H R K E L I Q P V S V I V G K P D A R F G V F L L L E Q Q F G G A T T G E L L T A A
UniRef90_K5YY34 M F Y H R K E L I F Y P V V N I I G T P D P Q F G Q F L L L E Q Q F G G A T T G E L L T A A
UniRef90_R6YCC5 M W K Y E K K L L Q Q F P V V N I I K K K N D L K M A K Y I I T Q S G G Y A G E L L G A T
UniRef90_R7FMC4 M Y K Y E K R L L Q Q Y P I N I I K R K D L K M A K F I I A Q Y G G G P H G E M G A S
UniRef90_R7NJZ4 M F K Y L K H T N Y P V V N I I K K K D L K M A K Y L I T Q F G G A N G E L L A A A
UniRef90_B2A619 M F N H D K Q L L Q Q V V K V I D R S P N P T Y A A M L Q E Q L L G G P N G E L L S A A
UniRef90_R7F0A5 M F S Y Q K R R L L Q Q Y P V V N I I K S K D L R M A K Y L I T T Q Q Y G G G P P D D G G E L L A A A
UniRef90_UPI00047A40FD M Y H H I K K L M Y T V K I I G T P D V R F G R M L L E Q Q F G G A N G E L L A A A
UniRef90_R6RB92 M F K Y C K L T P Y P I N I I K R K D P K M A K Y I L S Q Q Y G G P Y G E L L G A A
UniRef90_R5NCZ4 M W T Y N K T L Q Q Y P I N I I K Q K D P K L A G W I L S Q Q Y G G P D D G E L L G A S
UniRef90_T4VZL9 M W I Y Q K T L E Y P V V N L K N S D P R M A K F I M T Q L L G G P N G E L L A A A

	50	60	70	80
UniRef90_U2NRU4	L R Y L S Q R Y T M P T G K S K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_C5VPK8	L R Y L S Q R Y T M P T G K S K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_E6U559	L R Y L S Q R Y T M P T G K S K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_Q896X3	L R Y L S Q R Y T M P T G K S K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_B0TGJ3	L R Y L S Q R Y T M P T K K A K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_D9R8D4	M R Y L S Q R Y S M P Y P E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R6P2L5	L R Y L S Q R Y S M P Y P E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R7JVK4	M R Y L S Q R F T A P N R	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R5SYE8	M R Y L S Q R Y S M E N R	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_F0KDD4	L R Y L S Q R Y S M P Y P E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_B0NKI2	M R Y L S Q R Y T M P Y K E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_U2DPZ4	M R Y L N Q R Y S M P Y K E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_UPI0002D504F3	M Q Y T I Q G L N C D D P G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_G9RT73	M R Y L S Q R Y T M P T R K A Q K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_D5XAM8	L R Y L T Q R Y S M P Y N E Q Q A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_D7GUF9	M R Y I S Q R Y T M P Y N E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R6ZS87	M R Y L S Q R Y T M P Y N E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_U2CHP9	M R Y L S Q R Y T M P Y N E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R9LW95	T R Y L Q Q R Y S M P S S K V K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_B0K6N1	L R Y Q T Q R F V M P T G K A K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R1AR87	L R Y L S Q R Y W A M P T N E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R5NIP3	M R Y L S Q R Y T M P Y R E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R7CA72	M R Y L S Q R Y S N T N R K V A G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_T0N2E7	L R Y L S Q R Y T M P T G K S K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_F4X970	M R Y L S Q R Y A M P Y A E A K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R7AGS6	M R Y L S Q R Y T M P Y R E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_G9QPA5	L R Y L N Q R Y T M P E K	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R6TEJ6	L R Y L S Q R Y T M N Q P E V A G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_UPI00046EDF81	L R Y L S Q R Y H M P Q P E A K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_W6N371	M R Y L T Q R Y T M P T G K T K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R5QFH2	L R Y L S Q R Y T M P Y P R I Q A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_UPI000478C821	I T Y L T N Q R Y T M P T G K T K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_Q2RIN4	L R Y L T Q R Y T M P T G K T K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_W4CJW6	L R Y M N Q R Y T M P D K	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_I3E755	L C Y L N Q R Y T M P P K	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_M1Z3R5	L R Y L N Q R Y T M P D K	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_A6LV57	L R Y L D Q R Y T M P T G K S K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_F4LQK6	V R Y L T Q R Y T M P P Q A K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_K8E981	L R Y L N M R Y S M P T N K A K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_Q1R26	M Q Y S I Q G W N C E D M A R	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R7INT3	M R Y L S Q K F S F K N P R	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_F8FFU2	L R Y M N Q R Y S L P D K V V	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_C4Z3Q9	M R Y L S Q R Y S M P Y R E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_D2QZE5	M Q Y S I Q G L N C E D P E R	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_V6J4Q9	L R Y L N Q R Y T M P S R	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R5B4W9	L R Y L T Q R Y T M P D D R C	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_N1Z5M1	L R Y L S Q K F T M V T P E A K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_UPI00039F9D09	M Q Y S I Q G M N C D D P G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R7E9L5	M R Y L S Q R F T A P N R V C M A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_W7V0S9	L R Y L N Q R Y S M P Y G E V K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R5JYC1	M R Y L S Q R Y A V K D N V K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R6S4J0	M R Y L S Q R Y S M P Y G E Q K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_B9Y8Q1	D R Y L N Q R Y A M P Y P E	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R5A450	L R Y L Q R Y T M P D D K G K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R5LSV4	M R Y M S Q R Y S I G D R	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R6U9L0	M R Y L N Q R Y A M P Y D	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_H5XS38	M Q Y F S Q S L G C N D P R	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_H1AGH1	L R Y L S Q R Y T M P Y P E I Q A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R5XQH6	L R Y L Q R Y T M P T G K S K G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R5IUT6	M R Y L T Q R F G M P D N K G K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R5KY11	M R Y M S Q R Y A M K N S V A G	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R9JUQ1	M R Y L A Q R Y T M P Y N	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_C0GCL3	L Q Y I A Q S F R I K D	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_A3ZNM8	L Q Y S I Q G L N C E D P K R	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_E5WVF8	M Q Y L F Q G W G A R	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_W7RE32		L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R7HEY4	M R Y F S Q K F T M P D D K G	R A L L N D I A T E E L G H V E I I S T A M		
UniRef90_UPI0003B4E994	M Q Y T I Q G W N C I D D I G R	R D L L L D I G T E E L S H H V E I I S T A M		
UniRef90_C9RAX5	W R Y I T Q A F T M P T G R T K A	R S L L L S D T G G E E I L A H H V E I I S T A M		
UniRef90_R7MEG7	L R Y L C Q R F T M P D E K G K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_L0KBP2	L R Y L S Q R Y T M P T D E A K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R5TDJ6	L R Y L N Q R Y S M P D E R G K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R5HHD1	L Q Y L N Q R Y S M P D E K G Y A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_UPI0002DFB760	L Q Y W T Q S F H C E N	A G I R D M L Q D I A L E E F G H H V E I I S T A M		
UniRef90_W0E6F6	M Q Y M T Q S V A C C E N S K	I R D M L Q D I A A E E M S H H V E I I S T A M		
UniRef90_D8FX38	L Q Y W V Q S F H C E N S P G	I R D M L Q D I A L E E F S H H V E I I S T A M		
UniRef90_R7G4Z7	M Q Y L S Q S F R A K D P	V F K D L L D I G T E E L S H H V E I I S T A M		
UniRef90_K9WFB1	L Q Y W V Q S F H C E N	A G I R D M L Q D I A L E E F S H H V E I I S T A M		
UniRef90_R5EXX8	L R Y L S Q R Y A M P Y G E	F D E V R A T L N D I G T E E L A H H V E I I S T A M		
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UniRef90_UPI0002483FED	L Q Y W V Q S F H V E D Q G	I R D M L Q D I A V I E E F S H H V E I I S T A M		
UniRef90_B8EQT1	L Q Y W V Q S F H V E D	A G I R D M L Q D I A L E E F S H H V E I I S T A M		
UniRef90_K5YY34	L Q Y W V Q S F H V E N P A	I R D M L Q D I A L E E F N H H V E I I S T A M		
UniRef90_R6YCC5	L R Y L N Q R Y T M P D D K G K A	L L T D I G G T E E L A H H V E I I S T A M		
UniRef90_R7FMC4	T R Y L A Q R Y T M P D D R G K A	R T L L L N D I G T E E L G H H V E I I S T A M		
UniRef90_R7NJZ4	M R Y F S Q K F S M P D D Y G K A	L L T D I G G T E E L G H H V E I I S T A M		
UniRef90_B2A619	M Q Y I S Q S F R I K D P E	I K D L L D I G A E E L S H H V E I I S T A M		
UniRef90_R7F0A5	L R Y L N Q R F N M P D N R G V A	L L T D I G G T E E L G H H V E I I S T A M		
UniRef90_UPI00047A40FD	M Q Y T I Q G W N C V D D V A R	R D L L L D I G T E E L S H H V E I I S T A M		
UniRef90_R6RB92	L R Y L N Q R F T M P D Q R G K C	L L L A D I G C E E L A H H V E I I S T A M		
UniRef90_R5NCZ4	L R Y L S Q R F A M P D T K A K A	L L L N D I G T E E L A H H V E I I S T A M		
UniRef90_T4VZL9	L R Y L Q Q R Y T M P T G K S	R A L L T D I G T E E L A H H V E I I S T A M		

UniRef90_U2NRU4
UniRef90_C5VPK8
UniRef90_E6U559
UniRef90_Q896X3
UniRef90_B0TGJ3
UniRef90_D9R8D4
UniRef90_R6P2L5
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UniRef90_U2DPZ4
UniRef90_UPI0002D504F3
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UniRef90_D5XAM8
UniRef90_D7GUF9
UniRef90_R6ZS87
UniRef90_U2CHP9
UniRef90_R9LW95
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UniRef90_R1AR87
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UniRef90_R7CA72
UniRef90_T0N2E7
UniRef90_F4X970
UniRef90_R7AGS6
UniRef90_G9QPA5
UniRef90_R6TEJ6
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UniRef90_UPI000478C821
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110

120

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UniRef90_R6ISS3 T Y D N I L R L V D D P D I I Q P I K F L R R R E I V H Y Q R F F G E G L R V A T
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UniRef90_W1FMJ9				
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UniRef90_B9TGD9	K P A F S I G R I A P T P			
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UniRef90_R5J328				
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UniRef90_R7P729	K			
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UniRef90_B1HTK6	D D R D Q K I			
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UniRef90_F0HHA7	E H			
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UniRef90_F0T0J6 M G L Y Y P W N S K L L D Y S T N I N K M L D D I Q S E L D A I K
UniRef90_I7K843 T G S M P P Y C R T V R D A M K N N I R A E E E A I K
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170

180

190

200

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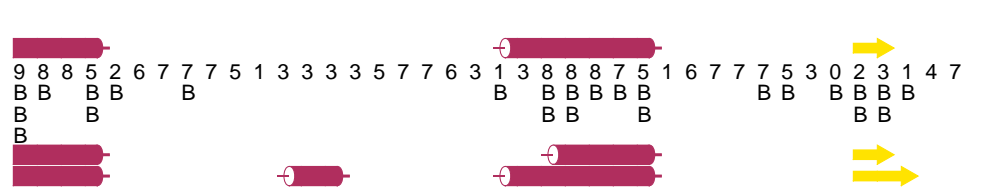
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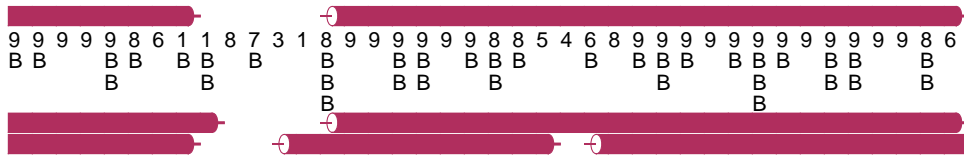
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