

1 10 20 30 40

QUERY	G A M D P R T I T M H K D S T G H V G F I F K N G K I T S I V K D S S A A R N G
UniRef90_K7FN30	R E V I M C K D Q D G K I G L R L K N G I F V Q L V Q N S P A S L V I G
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UniRef90_H2Z7E2	R T V T L Q K D S S G H V G F I F K E G K I T S L F K D S S A A R N G G
UniRef90_Q1HQ55	R E L I L C K G A D K K V G L R I H K G V V C L V K N S P A A L A G
UniRef90_L7LU97	R E V T L C K D K K G K V G L R V Q G I F V V L V Q A N S P A A M A G
UniRef90_UPI0003AF96B2	V N H R T V V L R R Q A T G G L G L S I K G G V I S K I F K D Q V A D Q T G
UniRef90_H9JFB3	R Q V V L C K D R N G K C G L R L H S G V V C Y V A A N S P G A L A G
UniRef90_G1MQI9	P V T V I R P D S K Y Q L G F C V E N G V I C S L M R G G I A E K G G
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UniRef90_L8IX10	S A N H R T V T L H R Q P V G G L G L S I K G G V I S K I F R D L A A D Q T G
UniRef90_A9UPR7	R T V T V K D S T N H V G F T Y K R G E I N N I V K D S S A A R N G G
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UniRef90_F1KQL7	K D V V V P K K A G E P L G V V V V E S V I A N L Q P N G A A S R C N
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UniRef90_H3AIC2	T V H I V K G P M G F G F T I A G G Q R V K Q I V D S P R C R
UniRef90_E0VRI8	L G P R A V T I Y K T E T G F G F N V R G Q V V S A V L G G G A A E K A G
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UniRef90_W2T691	K D V V V S K S G E P L G I V V V E S V L A H M N P S G P A A R S R N
UniRef90_H2T017	R K D T G F G F R I L G G N I G H I V K F G A A D E D G G
UniRef90_UPI0002B8CEE2	P R I L C R I F K D S D V F G F G E G H Y I T D V E P N G P A E R A G
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UniRef90_W5PM42	G A E V L T V T M V K G A E G F G F T I T Q G R V V K Q V L E P G S Q G A S G
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UniRef90_G3HBQ6	S P A E A A A A
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UniRef90_UPI0003BC0010	A W T Q P R L C Y L V K E G S N F G F S L K G Q F I K D I D S G S P A E E A G
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UniRef90_U3EZ14	P R T L L L H K N P Q D G F G F T L R H F I V K N V K E D G P A H R A G G
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UniRef90_Q9CZG9	P R I V T L K K P P G A Q L G F N I R G G K I S K V I P D S D A H R A G G
UniRef90_UPI0003C29D12	R P R L C H L K K G P N G Y G F N L H S E K I R S V D P D S P A S K A G G
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UniRef90_L5K5D6	Q P R L C Y L V K E G S S Y G F S L K T G K M T D I T P Q G V A M K A G G
UniRef90_H9H966	I I K L V K G P K G L G F S I A G G V V T K I I E G G A A H K D G G
UniRef90_UPI000343F4EB	R E V C I E K R R G E G L G V A L V E A V I A N L L H G G P A E R S G G
UniRef90_I3JL97	V C L L K N T S G L G F S F S R E E V K K L F P G Q P A A E S G G
UniRef90_UPI0002236628	P K L C R L V K G E N G Y G F H L N G S F A K E V Q K G S P A D L A G
UniRef90_UPI0003EDD4BC	I C S L M R G G I A E R G G
UniRef90_UPI0004442438	T I D I K K S G G S L G I S V T G G I I K S L V P G G A A E Q D G G
UniRef90_UPI000395B01E	L R P R L C H M K K G P D G Y G F N L H S D K V R A V D P G S P A E A A G G
UniRef90_UPI000394358B	V E F T K P E G G G L G F A L V V G G R V R E I C S G G V A E Q D G G
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UniRef90_T2M567	G Y S H P R V V E I P K T E E G L G F N V M G G R I S R I I P G G V A D R H G
UniRef90_UPI000386F9AD	U R I E I Q K G K N G Y G F Y L R D H V I K D V D S G S P A A K A G G
UniRef90_G6D6W1	U N E P L E V T L R R G A A G F G F T I A D S V H G Q K V L D R S R C A G G
UniRef90_UPI0003502B9A	P Y D V T V T R S D G E G F G F V I S S T I G Q L I P N S P A E R C G G
UniRef90_UPI0003990A55	P R I C K M V K G P S G F G F S L K P G L I S E V Q K H G P A D T A G G
UniRef90_UPI0003AFB935	L R P R L C A M K K G P S G Y G F N L H S D K I R A V D P D S P A E A S G G
UniRef90_Q28X15	N E K T V V L Q K K D N E G F G F V L R G A K L E S V D E G G V A W K A G
UniRef90_A2AV32	U R I E I Q K G K N G Y G F Y L R D H V I K D V D S G S P A A K A G G
UniRef90_UPI0003F0C1F6	H Q P R V V E I K K G S D G Y G F Y L R E G I I S D I D A G S P A D K A G

50 60 70 80

QUERY	L L T E H N I C E I N G Q N V I G L K D S Q A D I L S T S G T V V T I T I M P
UniRef90_K7FN30	L R F G D Q I V L Q I N G E N C A G W S S D K S H K V L K Q A S G E
UniRef90_G1T4X9	L R F G D Q I I L Q I N G Q D C S G W S T D K V H R V L K K A
UniRef90_Q803J6	L R F G D Q I V L Q I N G Q N V A G W N S D
UniRef90_E2RDD6	L L T K Q S V C E V N G Q N V V G L K D K A V T E I L A M A G N V V T L T I I P
UniRef90_E2A3P2	L R F G D Q I I L N I N D V C V A G Y S M D Q V H K L L R N A
UniRef90_H2Z7E2	L L I E H Q L C E V N G Q C V I G L K D T V V K D I M V N G P T V T V T I M P
UniRef90_Q1HQS5	L R F G D Q I I L Q I N G T L V A G F S V D V H K L L K K S K N N I S L V V
UniRef90_L7LU97	L R F G D Q I I L T I N D E V L A G Y S V D K V H T L I V K A
UniRef90_UPI0003AF96B2	L F V G D A V L Q V N G I N V E H C T H E E V V H L L R T A G D E V T I T V V P
UniRef90_H9FB3	L R F G D Q I I L E I N N V T V A G M T M D K C H D I L K K K A P N N I T M A V
UniRef90_G1MQ19	I R V G H R I I E I N G Q S V V A T P H E K I I Q I L T Q A V S E V H I K T M P
UniRef90_UPI0002991019	V R V G H R I I E I N S Q S V V A T P H E K I V H I L S N A V G E I H M K T M P
UniRef90_L8IX10	L F V G D A L L Q V N G I N V E S A T H K E E V V H L L K N A G D E V T V T V A P
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UniRef90_UPI000440CDE1	L L K G D V I K E I N R Q N V Q T L S H A Q V V D I L K D L G A E V N V L V L
UniRef90_T1HMY3	L L T R H Q L I E V D G Q N V V G L K D K E I T A I E S A Q T P L T V T I V P
UniRef90_S4RQM8	L F I G D A I L R I N G I N V E N A T H E E V V Q V L Q T A G D E V T T F T V I P
UniRef90_UPI000454B173	L K V G D R I L A V N G C S I T N K S H S D I V N L I K E A G N T V T L R I I P
UniRef90_F1KQL7	L N I G D Q I I A I N G I S L V G L P L A S A Q Q N I K A S T A V K L T V V S
UniRef90_UPI00042BCB10	L L I G D G I L Q I N G I N V R K H C R H E E V V Q V L R N A G E E V T L T V A P
UniRef90_F7EIF5	L R S G D E L I C V D G T A V V G K S H Q L V V Q L M Q
UniRef90_Q4L1J4-2	L K V G D R I L A V N G C S I T N K S H S D I V N L I K E A G N T V T L R I I P
UniRef90_D6W8B7	L N I G D Q I I A I N G V S L V G L P L S T C Q N Y I K N S K N V V K L T V V P
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UniRef90_UPI00039463F2	L K E G D I L M E V N K R N V Q N M S H N Q V V D L L S K C C G S E V T M L V V P
UniRef90_G5DZG6	L L T E H N L C E I N G Q N V I G L K D S Q V A
UniRef90_W2T691	L L I G D Q I I N I N G I S L V G L P L S A A Q T N I K N A K T A V R L T V V S
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UniRef90_UPI0002B8CEE2	L K V G D R A I Q I N G V N I D R R S H D D V L S R L R S C E G Q V V L L V I
UniRef90_E4Y229	L R I G D R I I E V N G I N C E Y E T H Q R L V A T I K
UniRef90_UPI000443BB35	L S I G D R I M A L D G R S L V G L P L P T C Q A T L R E A K T R V T L S I V
UniRef90_W5PM42	M E T G D V I V S V N D T C V L G H T H A Q V V K I F Q S
UniRef90_H3D3K3	L L E G D L I I L E V N Q Q P V T A A G H G R V V E M L K E C G A E A T L L I
UniRef90_B4JKS7	V R V G H R I I E I N N Q S S V V A V P H D T I V K V K L L S S S V G E I I L M K T M P
UniRef90_U619U1	I I R V D H R I I E I N G E S S V V A V P H E Y I V N L L A T A V G E I I Y I R T M P
UniRef90_I3KBX1	L K V G D R I L A V N G Q S I I S M P H A D I V K L I K D A G L T V T L H I I P
UniRef90_UPI0003EA89AC	L R P G D E L V F V D G I P V A G K T H R Y V I I D L M H G A A G Q V N L T V
UniRef90_G1LH32	V R V G H R I I E I N G H S V V A T P H A R I I E L T E A H T E V H I K T M P
UniRef90_UPI0003AF5605	M A S G D V I V E I N G V C V L G K T H P E E V V Q M F Q S
UniRef90_UPI0002A48ADE	L L V V G D R I S A V N G R S I I E L S H N D I V Q L I K D A G N V V T L T V V P
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UniRef90_UPI000442085D	M R V G D Q I I E I N G E S T R D M T H A R A I E L I K S G G R R V R L
UniRef90_A8E609	L R A G D R L I I R V C G E D V R E L G H Q Q V V S K I R A A T E R L T L E V
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UniRef90_U3EZ14	L R T G D R L V K V N G E S V I G K T Y S Q V I A L Q N S D D T L E L S I M P
UniRef90_F1R1B1	M R V G D E I I E I N G E S T K N M K H S R A I E L I K T G G
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V T L T K N P T Q S L G L S I V G G C I S K I V P S S L A A Q C
T L I R D Q G L G F S I A G G K I S R I T E G G L A Y R D G
R M V G I R K N D D E P L G I T V R N L I A R I L A G G I I D R Q G
L I D L E K K N E N G L G L S I A G N R I V G V K P D G A A A E D G
P R D V L L Q R D P E R G F G F G F V G A I T T Q L V P G G P A E Q S T
G M M E P I L V R V P K C A S T L G I A V E G G G I A T I Q K G G S V H L C
P V T V V V R R N D K G S F G F S V A G G I V T P V V R G E P
G T A P P R T V E V A R G R A G Y G F A L S G C L S C V M R G S P A D F V G
H T I T V D K S A D G R L G F S V R G G S V S K V E D N S S A E Q A G
V T V E K S P A G K L L G F S V R G G S V S K V E E G S S A E R A G
V E L V K K P G R G L G L S I V G R K V V S E V V K G G A A E D N R
S S Q E K T V S L K K E P R L S L G I T I A G G R I T S V Q P V G C L H R D G
T I E I Q R S R A D L L G I S I V G G V I Q E V F P D G V A E D G R
V L L H K D S A E Q L G I K L V R R T I L D L L E G G L A A Q D G
T V C Y R T D D E E D T G I Y I V S E V T P V P G G P A D R E G
A S A T P H Q P I L I H S S G K Y G F T I R G G V V T Y V R P G G P A D R E G
V L H K E K Q D N E T F G F E I R H H I V W N V E E G S P A Y Q A G
G G E E V R V V E L E K G P S G L G F N I V G G E V S F L L A G G P A E R S G
H R P R L C H R I W P H Q G Y G F N L H G Q Y I G L V D D D S P A S T A G
M D P Q T V V L E K Q D N E T F G F E I Q T T F V C N I K E D S V A E S A G G
R Q V S L S L K R N K T E G L G F S I R P G G V A R I M H G G M I H R A T
R L V Q F Q K D T Q E P M G I T K D G R V V A R I M H G G M I H R A T
E T R E L T L L R N G V G Q L G F Q M H E G F V T E V E R F T F A E K A G
R F V T L V G G S P W G F R L V G G S I S K I T P G G K A D N A G
A P S P R L C I V E K N S P D Q Y G Y N L R Q F V G M V D K G S P A D L G
P R V V V L E R Q P T E G F G F S V K G D V V A D M E A G S V A A R S G
R L C H I V K D D F D G Y G F N L K K G K I G K V D D D G S P S Q A A G
R M I G I R K K A G E P L G V T F R D L V I A R I L H G G M I D R Q G
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R V R L N K I P Q G Q G L G L N I L E N G I F G I V P G S E A S I D G
S S E P Q I I E L I K G E R G L G F S I L D Y V I R S L V P G G V A Q L D G
T I V L E K Q D N E T F G F E I Q T T F V R K V L E D S A A E N A G
V V E L L F R D E E E L G L G R I V G G K I Q E I I R D S V A S R D G
L V S L L N M E D G L S L G L M I R G G Y I T G V D P G S A A D V G A
V E L L V K P P S S G G L G F S V V G L K V Q E I Q E G S V A H R D G
G L L E P T S T L V R K S A T T L G I A V E G G R I V T I Q R G G S A H N C
E H L L V S L S K G N T G L G L S I A G G K I V D V K S G G P A E Q D G
S P E V K I L V E L V K D C H G L G F S I L D Y V I R S L V P G G V A Q L D G
V E L L V R D N H S L G L S I V G G S I S K I T P N S P A G R S R
V T L L F R G S R G F G F S I R G G V V L R I A D G G A A Q M D G
I I T I Q R S G K Y G F T I R H H I V W H V E E G G P A Q E A G
S L K V R R V T L L E R R E Q G S F G C H V Q Q G S V E S V E A G S K A A E A G
R Q V T V H R D P I Y G F G F S E R P V V V V R S V R P G G P S E N K
R Q V T V H R D P I Y G F G F S E R P V V V V R S V R P G G P S E N K
P E V Q V I R L H K A G G G M G L S I V A A K L K V S V P G G A A D R D G
V T L L T R D P H R G F G F V I N E G D I S S I I P G G P A D K A K
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R C V T L L A R P S R D Q L H F S I L G G Y V S K V D K K S K A E E V G
K T I V L T R G A D G L G F S I V G G Y V K N V F T K G A A A D D G
I I V L L E R G N S G L G F S I A G G I I T K I I P G G A A A M D G
R I V C L V K N K Q P L G A T I K R H E V A R V I H G G L A D R S G
R L V Q F Q K N T D E P M G I T L K H C I V A R I M H G G M I H R Q G
P Q L V V C V R G P A P W G F R L V G G K I S R I T P G S K A E V A G
I I T L L E R G G S G L G F S I A G G T I T K V I P G G A A A Q D G
M G P V R V T R G E G F G F T R G D L I A A V I P G G R A A A A G
A I T P V H I N L V K D S G I S L E T G V V V A T V V P C S P A A R E G
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L L S K G P R G F G F N I V G G Q V Y S V T P G G P P A L N
Q D G E R R S I L Q F L A E G D E
E P R V V F I K K A Q Q E L G V R L C G G N V A D V E D D S P A R G D G
R L V Q F Q K N T D E P M G I T L K R C I V A R I M H G G M I H R Q G
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P R R V E V W P E D G Q S L G L S I V G G R I K Q V L A G S P A A R T R
G S A L Q R I V H L S T T S D D Y L G F N I R G G G V V S K L D P G G L A E H N G
V S M Y K D G A G L G F S I E G G R I K K I F T G G A A E K T G
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	50	60	70	
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UniRef90_C3ZD24	I L V G D E L L E I N G Q V	L Y G R S H Q N A S A I	K A [P] G K V S L L I	
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UniRef90_U6P1S1	L M T G D Q I L A V N G Q D	V A N S M Q E D V A A M L	K T C V G R V C L K V	
UniRef90_G3PYA3	I K R G D V I L S I N G V D	L T Q L T Y N E A V S A L	K T A Q S Q V A L R V I	
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UniRef90_Q7QIW9	L L P G D R I L F V N D T	I L E N E S L D Q A V V Q A L	K G A P G V V R I G V	
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UniRef90_A7SRG3	I K Q A D E I L E V N R T	P V R G M S H Y Q A S T V L	K N T G T S V E L	
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UniRef90_J9E4I2	L R I G D R I L S I V N N	I R N T R T A K H Q T A V E A L	K Q N D R T V R L L V I	
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UniRef90_W4XG50	M K V G E R I L K V N N V	V F K S I S H S Q A V V A I	K S A	
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UniRef90_T1G4R3	L L P G D R I V F I N E V	S L Y N T T L D V A V E A L	K S	
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UniRef90_UPI00046C213F	M K V G D Q I L E V N G R	S F L N I L H D E A V R L	K S S Q H I L T V	
UniRef90_M3YCC5	I K P G G R I L A L N H	I S L E G F T F D M A V R M	Q N S P D S I E L I I	
UniRef90_I3K8U0	I Q R G D S I L S I N G T	S E L E G K T H G E A I S C L	H Q A K Q S N Q V L V V	
UniRef90_J9JTA2	L K R G D Q I L E V N G Q	F E V T H T R A L E I R T T H L S I T V K		
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UniRef90_G1MU45	L G V N D C V L R V N D	V D V S E V V H S K A V E A L	K E A G	
UniRef90_UPI000462913D	L L A G D K L V E V N G V	P V E G L E P E Q V I H I L		
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UniRef90_G3NGZ4	L K T G D K I L E V N G	S G V D R A A S H E E A V S V I K S A P S P V V F I V		
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UniRef90_Q8NI35-5
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UniRef90_UPI0001CE15C6
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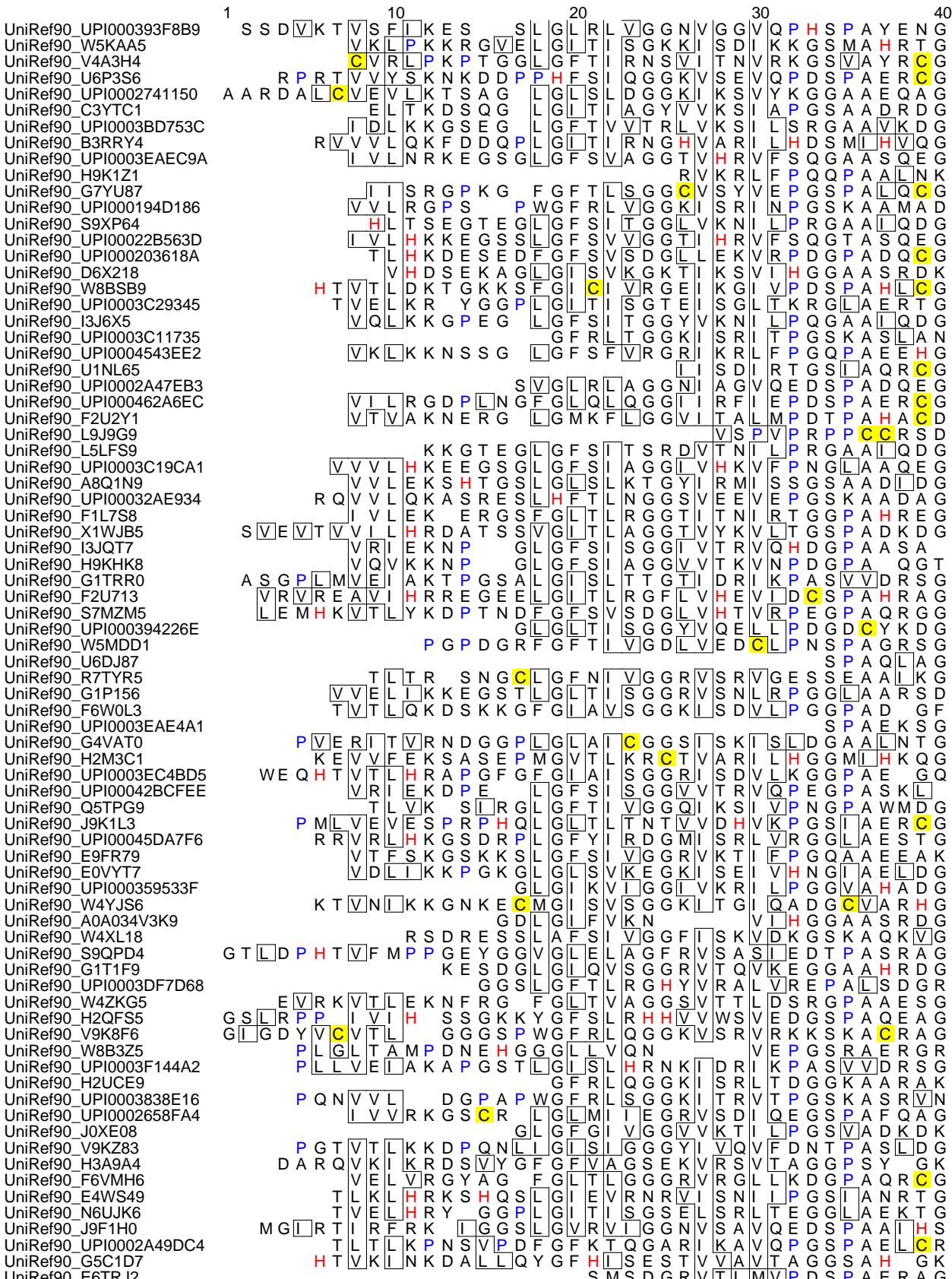
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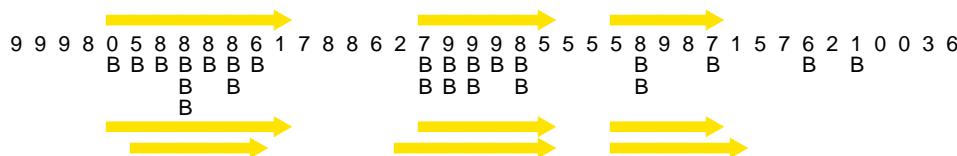
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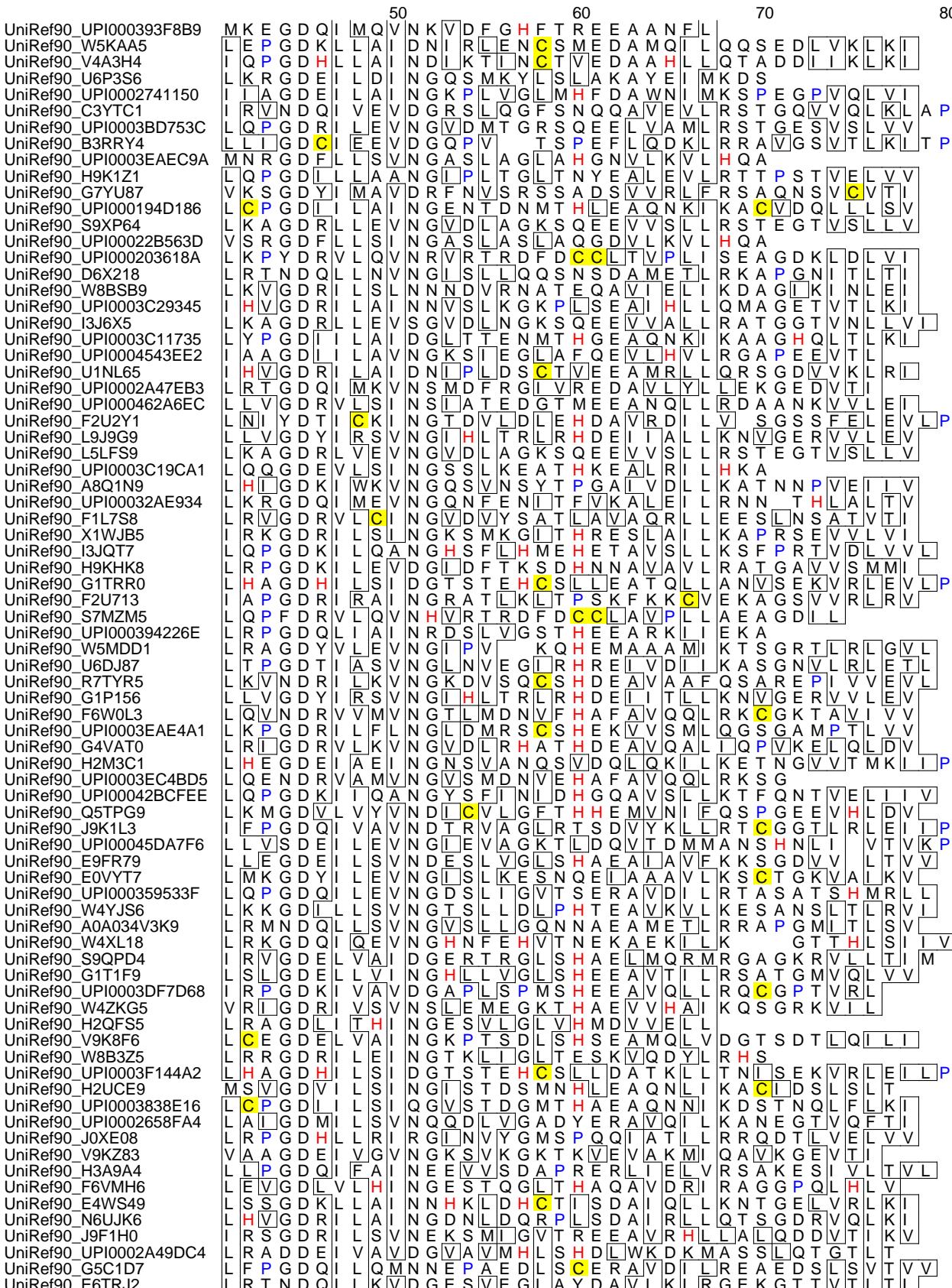
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