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UniRef90_UPI0002D74347 A G Q F V E D L S A W I D N G S P E L G T E T G R R L N A L S G G A K I E E S Y G K K
UniRef90_G6YNE1 A G R F V E D L S P E I R A N G S E L G E L L V K H I L D E I S G D D V E A Y G K K
UniRef90_UPI00036E1A49 A G K Y H Q D L T Q S G T E N L K E L G L M L T D R L I S S L G G K G I D D G Y G K K
UniRef90_M9R818 A G T Y H E D L T L L M D T G A E L G G A L L G E K C V Q A L G P D Q A E S Y G K K
UniRef90_W0PEP7 A G R Y E E N L I D F M K E L R T V G F D L A T R L T A Q L G G S H I E A Y G K K
UniRef90_H0TWD4 A G R Y E P N L M P F Q A S L R E L G R E L A T R L I A Q L G G S H I E A Y G K K
UniRef90_UPI00034ABA8E A G R F S Q N L S E E L V N P S P A L G A E F A R R L R E L S G E R N I E E S Y G K K
UniRef90_U1AS94 A G R Y V D D L S E D L I D M G E A L G A R L G Q E A L A A L G G G A P V E E S Y G K K
UniRef90_B2TF31 A G R Y E A K I E H A M E A L K P L G F D M A Q R L L A A M A V P H I E E S Y G K K
UniRef90_A1WHT4 A G R Y V E D L S G L V K D A T A M A E I L V P E L L A A L G G D K I Q A Y G K K
UniRef90_UPI00046ACA51 A G L F Q E D L R P Q I E H A P P L G E E L L V P E I L R Q A G A D Q I E A Y G K K
UniRef90_E3HX16 A G R F E R D L S A Y V E P S G M L G E E F G R R V I A A A G G Q P I E E S Y G K K
UniRef90_UPI000255A701 A G V Y Q A D L T Q A L L E D L K P P L G L M M A Q Q L V D A M G G G I D D S Y G K K
UniRef90_F3KU37 A G R Y E E N L P F M A E L R D L G G R R L A Q D L A N A L G G I D Q V E A Y G K K
UniRef90_UPI0004641B66 A G R Y V E D L T P F M D A L K P P L G K D L A T R L A E A L G G D A V Q Q A Y G K K
UniRef90_UPI0004793D40 A G R Y E P E I L P M M D A L G P P V I G V D M A R Q L R A A M D V D T V Q Q Y G K K
UniRef90_W1SAY8 A G R Y V E D L M P E I N E Y A P I G V E V L V N E L F K H I P D D D V E A F G K K
UniRef90_E6N4M3 A G R Y V D D L Q L L I D A G D F L G G F L A R K A R E A L G P A D V E E S Y G K K
UniRef90_W8HCW5 A G R Y E E N L P F M A D G S E L G S Y L A S E L V D A L G G G E R V E T Y G K K
UniRef90_Q1YXX1 H K F V D D L K P E L L A D G S E L G A L I V D K L E I M G G E N I E A Y G K K
UniRef90_UPI00037CF986 A G R Y E P D L L P F M S E L R Q L G A E L S S R L V A Q L G G G A K V Q A Y G K K
UniRef90_G0ACJ1 A G R F S D S L D R L I L A N S P A L G H E F G R R I V A A L G G D Q V E E S Y G K K
UniRef90_G8PGT6 A G Q F V E D L R P G I H A D V A P V L G K L L T D M I N F A A L G G E A V E E S Y G K K
UniRef90_K5ZEH8 A G R F V E D L S P E I R A I G P L G E M L T A E I L R L A G G E A I E E S Y G K K
UniRef90_Q5LPY4 A G R F V E D L S P E I R R M A P L G G K M L T D R L I A L A G G D A I E A Y G K K
UniRef90_F3KU77 A G R Y E P D I L P M M D A L Q D V L G V D M A R R L L V A V P K E R I G T Y G K K
UniRef90_M4UBH4 A G R Y V E D L S E M A A A A R E L A R S L V P E L L A A L G G D R I E A Y G K K
UniRef90_B8ICT5 A G R Y V E D L S P L I Y D L G A E L S K I L A E R G V A L L G P D Q V Q S Y G K K
UniRef90_UPI00037E0D9A A G R F S E D L T D L V D L K S A E L V G H E V G R R A V E A S G P I Q S Y G K K
UniRef90_UPI00046ADEF2 A G R F V E D I R S E L N P H A E L G E L M V K R L I D A T G G G D K I E A Y G K K
UniRef90_UPI00038056C7 A D K F V E N D L S P E I K A G A E M G E T L V S E R L L E Q L G G D E I E A Y G K K
UniRef90_UPI0004762601 Y G R Y V E N L K P E I R A C S E L G A L M V E R L T A A I G G D K I E A Y G K K
UniRef90_F0E5A3 A G R F V E D L K P E I R A C S E L G A L M V E R L T A A I G G D K I E A Y G K K
UniRef90_A1WG78 A G R Y V E N L D A L A A T G E E L G A L L G Q L C V Q A L G P E Q A H S Y G K K
UniRef90_A1WG77 A G R Y E Q D I L A L M D A L Q D V L G L D L A R R L L Q A V P A G R I E G Y G K K
UniRef90_F7XF97 V G H F V E D L R P E I H R A A P L G E L L T R M I I D A V A E A V E A Y G K K

QUERY	90	100	110	120
UniRef90_A3SNX4	AASVV	GGEGG	LEH	HGALWH
UniRef90_K2JK11	GSII	GGTAG	LEH	HGALWH
UniRef90_B9J53	GIIV	GGTAG	LEH	HGALWH
UniRef90_K9GTB2	GAIIV	GGTAG	LEH	HGALWH
UniRef90_S9RKR1	GAIIV	GGTAG	LEH	HGALWH
UniRef90_Q2W791	GAIIV	GGTAG	LEH	HGALWH
UniRef90_V4RIH5	GSIV	GGTAG	LEH	HGALWH
UniRef90_K9GWU0	GAILV	GGTAG	LEH	HGALWH
UniRef90_UPI000376155A	GAILV	GGTAG	LEH	HGALWH
UniRef90_J6UF76	AAILV	GGTAG	LEH	HGALWH
UniRef90_A3K810	GAILV	GGTAG	LEH	HGALWH
UniRef90_UPI0004703245	GAILV	GGTAG	LEH	HGALWH
UniRef90_Q6SF58	GAILI	GGTAG	LEH	HGALWH
UniRef90_G7LZE2	GAILI	GGTAG	LEH	HGALWH
UniRef90_UPI000466A8E5	GAILI	GGTAG	LEH	HGALWH
UniRef90_V4RCG6	SAAV	GGTAG	LEH	HGALWH
UniRef90_F7QK16	GAILI	GGTAG	LEH	HGALWH
UniRef90_A8I9J0	GAILV	GGTAG	LEH	HGALWH
UniRef90_T0IJB6	AAILV	GGTAG	LEH	HGALWH
UniRef90_UPI000365F417	AAILV	GGTAG	LEH	HGALWH
UniRef90_G7W7T9	GAILV	GGTAG	LEH	HGALWH
UniRef90_Q2W792	AAILV	GGTAG	LEH	HGALWH
UniRef90_B6B153	GSIV	GGTAG	LEH	HGALWH
UniRef90_A6FMK6	GAILV	GGTAG	LEH	HGALWH
UniRef90_Q5LV75	GAILI	GGTAG	LEH	HGALWH
UniRef90_H0HJ96	GAILI	GGTAG	LEH	HGALWH
UniRef90_A6UFP5	GIVV	GGTAG	LEH	HGALWH
UniRef90_D8F9P1	GAILV	GGTAG	LEH	HGALWH
UniRef90_UPI00037AB72B	GSIV	GGTAG	LEH	HGALWH
UniRef90_K2NZ68	GAILV	GGTAG	LEH	HGALWH
UniRef90_UPI0003B7B1C0	AAILA	GGTAG	LEH	HGALWH
UniRef90_D8ISK2	CLV	GGTAG	LEH	HGALWH
UniRef90_B2A7K2	AAILV	GGTAG	LEH	HGALWH
UniRef90_B0UBH0	GSIV	GGTAG	LEH	HGALWH
UniRef90_UPI0004663C4B	GAILV	GGTAG	LEH	HGALWH
UniRef90_B9Z2S9	AAILV	GGTAG	LEH	HGALWH
UniRef90_UPI0003B3925C	GAILV	GGTAG	LEH	HGALWH
UniRef90_A6VY72	AAILV	GGTAG	LEH	HGALWH
UniRef90_UPI0003B5D01B	AGVV	GGTAG	LEH	HGALWH
UniRef90_L7EN89	GAILV	GGTAG	LEH	HGALWH
UniRef90_N8Y6D5	AILV	GGTAG	LEH	HGALWH
UniRef90_L1KLF3	GAILV	GGTAG	LEH	HGALWH
UniRef90_E8TN57	AAILV	GGTAG	LEH	HGALWH
UniRef90_QOQLE8	GAILV	GGTAG	LEH	HGALWH
UniRef90_A0A059IPU6	GAILV	GGTAG	LEH	HGALWH
UniRef90_M9R5L5	GAMI	GGTAG	LEH	HGALWH
UniRef90_UPI0003829CCA	AAILV	GGTAG	LEH	HGALWH
UniRef90_UPI000476850A	AAILV	GGTAG	LEH	HGALWH
UniRef90_UPI000472DE5F	GAILV	GGTAG	LEH	HGALWH
UniRef90_UPI00047ACDFF	GAILV	GGTAG	LEH	HGALWH
UniRef90_UPI00046D6E3D	GAILV	GGTAG	LEH	HGALWH
UniRef90_W8PU36	CLV	GGTAG	LEH	HGALWH
UniRef90_Q13PY2	GAILV	GGTAG	LEH	HGALWH
UniRef90_B9R3H7	AAILV	GGTAG	LEH	HGALWH
UniRef90_UPI0002D869AD	GSIV	GGTAG	LEH	HGALWH
UniRef90_UPI0002D74347	AIMV	GGTAG	LEH	HGALWH
UniRef90_G6YNE1	AAILV	GGTAG	LEH	HGALWH
UniRef90_UPI00036E1A49	AAILA	GGTAG	LEH	HGALWH
UniRef90_M9R818	SAMV	GGTAG	LEH	HGALWH
UniRef90_W0PEP7	AAILV	GGTAG	LEH	HGALWH
UniRef90_H0TWD4	GIIV	GGTAG	LEH	HGALWH
UniRef90_UPI00034ABA8E	CLV	GGTAG	LEH	HGALWH
UniRef90_I1AS94	AAILV	GGTAG	LEH	HGALWH
UniRef90_B2TF31	GAILV	GGTAG	LEH	HGALWH
UniRef90_A1WHT4	GAILV	GGTAG	LEH	HGALWH
UniRef90_UPI00046ACA51	AAILV	GGTAG	LEH	HGALWH
UniRef90_E3HX16	AVV	GGTAG	LEH	HGALWH
UniRef90_UPI000255A701	GAIIV	GGTAG	LEH	HGALWH
UniRef90_F3KU37	GAILV	GGTAG	LEH	HGALWH
UniRef90_UPI0004641B66	GAILI	GGTAG	LEH	HGALWH
UniRef90_UPI0004793D40	GAILI	GGTAG	LEH	HGALWH
UniRef90_W1SAY8	AAILV	GGTAG	LEH	HGALWH
UniRef90_E6N4M3	AAILI	GGTAG	LEH	HGALWH
UniRef90_W8HCW5	GAILV	GGTAG	LEH	HGALWH
UniRef90_Q1YXX1	SAILV	GGTAG	LEH	HGALWH
UniRef90_UPI00037CF986	GAILV	GGTAG	LEH	HGALWH
UniRef90_G0ACJ1	AVV	GGTAG	LEH	HGALWH
UniRef90_G8PGT6	AAILV	GGTAG	LEH	HGALWH
UniRef90_K5ZEH8	CAIV	GGTAG	LEH	HGALWH
UniRef90_Q5LPY4	CAIS	GGTAG	LEH	HGALWH
UniRef90_F3KU77	GAILV	GGTAG	LEH	HGALWH
UniRef90_M4UBH4	GAILV	GGTAG	LEH	HGALWH
UniRef90_B8ICT5	GAILI	GGTAG	LEH	HGALWH
UniRef90_UPI00037E0D9A	AVV	GGTAG	LEH	HGALWH
UniRef90_UPI00046ADEF2	AAILV	GGTAG	LEH	HGALWH
UniRef90_UPI00038056C7	SAILV	GGTAG	LEH	HGALWH
UniRef90_UPI0004762601	AATV	GGTAG	LEH	HGALWH
UniRef90_F0E5A3	AAILV	GGTAG	LEH	HGALWH
UniRef90_A1WG78	GAILV	GGTAG	LEH	HGALWH
UniRef90_A1WG77	GAILV	GGTAG	LEH	HGALWH
UniRef90_F7XF97	AAILV	GGTAG	LEH	HGALWH

QUERY	V	A	T	A	G	Y	R	M	M	130	V	H	Y	I	H	A	S	Y	V	R	S	H	F	N	S	E	L	Q	D	A	P	R	P	R	E	M		
UniRef90_A3SNX4	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_K2JK11	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_B9J53	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_K9GTB2	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_S9RKR1	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_Q2W791	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_V4RIH5	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_K9GWU0	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI000376155A	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_J6UF76	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_A3K810	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI0004703245	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_Q6SF58	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_G7LZE2	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI000466A8E5	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_V4RCG6	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_F7QK16	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_A8I9J0	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_T0IJB6	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI000365F417	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_G7W779	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_Q2W792	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_B6B153	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_A6FMK6	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_Q5LV75	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_H0HJ96	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_A6UFP5	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_D8F9P1	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI00037AB72B	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_K2NZ68	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI0003B7B1C0	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_D8ISK2	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_B2A7K2	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_BOUBH0	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI0004663C4B	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_B9Z2S9	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI0003B3925C	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_A6VY72	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI0003B5D01B	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_L7EN89	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_N8Y6D5	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_L1KLF3	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_E8TN57	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_QOQLE8	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_A0A059IPU6	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_M9R5L5	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI0003829CCA	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI000476850A	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI000472DE5F	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI00047ACDFF	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI00046D6E3D	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_W8PU36	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_Q13PY2	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_B9R3H7	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI0002D869AD	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI0002D74347	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_G6YNE1	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V	V	V	R	S	H	H	F	N	S	E	L	Q	D	A <td>P</td> <td>R</td> <td>P</td> <td>R</td> <td>E</td> <td>M</td>	P	R	P	R	E	M
UniRef90_UPI00036E1A49	V	L	G	G	P	G	G	V	R	I	D	V	V	V	A	V	V	V																				

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V Y C L V M T T G G R I H A R V S G G L Q V E I K G E D G G L R R
A V V L V M T T G P R I H A R S V G G L K A E D I K G E D G G L R R
L V A L V M T T G P R V H A R V I G G L A A A D I K G E D G G L R R
V L A L V M T T G G P R H A R I V G G L Q K A E D V V K G E D G G L R R
V V V L V M T T G P R I H A R V V G G L K A S E V K K G E D G G L R R
V F V L A M A T G P R V H H R M G G L A A A D V K G E D G G L R R
M V A I A V T D S G R P L P R V G G L T M N E A K G E D G G L R R
V V I L S M T T G S R V H A R V V G G L A V A D I K G E D G G L R R
M V A V A T T G G R P L P R V V G G L T T D Q I K G E D G G L R R
L V L V M S T G G R I H A R V L G G L A A K D V K G E D G G L R R
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V L T L V M T T G A R V H N R A G G L Q A D K I T G K D G G L R R
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L L A L V M T T G P R I H A R V V G G L K A S D I K G E D G G L R R
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M L C V V M T N G G R P L P R V L G G L T V D Q I K G E D G G L R R
L F A L V M A D G G R V H S R L I G G L A K E Q V S V H D G G Q R R
V V A L V V T D S G R P H P R I I G G L Q K S E I K G E D G G L R R
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A L V L V M S T G P R V H S R S G G L E A W Q I K G E D G G L R R
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L L C L V M T C G P R I H A R M G G L A A S D L K A F D G G L R R
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I Y G L I M T T G G R T H A R V I G G L E A E Q V S A N D G G L R R
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V L M V G V T D S G R P F P R V G G L T T D E V K G E D G G L K
V L I W A F A T R G R L N A R L I G G L K A S E V K G Q D G G L R
V L I V A V S N C G R P H P R I I G G L Q K D E I E G K D G G L R
L F A L A M T T G G R P H A R V G G L A K G D I S Q W N G G L R R
L F V L A M A C G G R I H S R M G G L E A W Q V K G E D G G L R
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V V L G G A T G G R P H H R I I G D R Y Q E L K E G H D
V I V L G G A S G G R P H H R I I G D R Y Q D L K E G H D
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I I I W A F A T R G R L H A R L G G L Q A A D V K G N D G G L R
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L V A V A L Q Q H G R P L P R V I G G L T T D G I V G T D G G L R
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V I A L G A S L A G R P H H R I I G D R Y Q D L K E G H D
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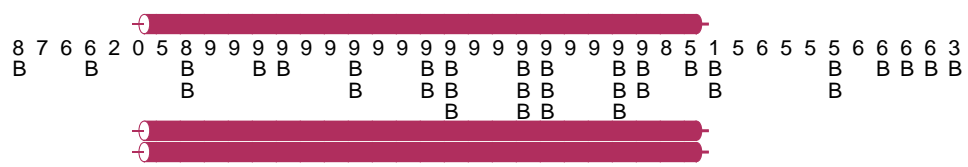
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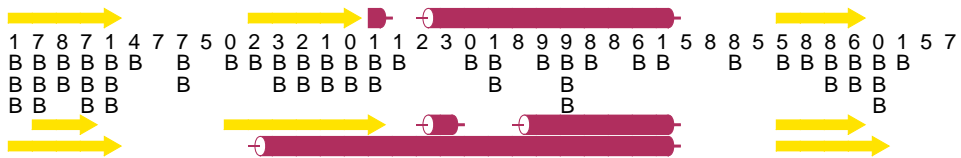
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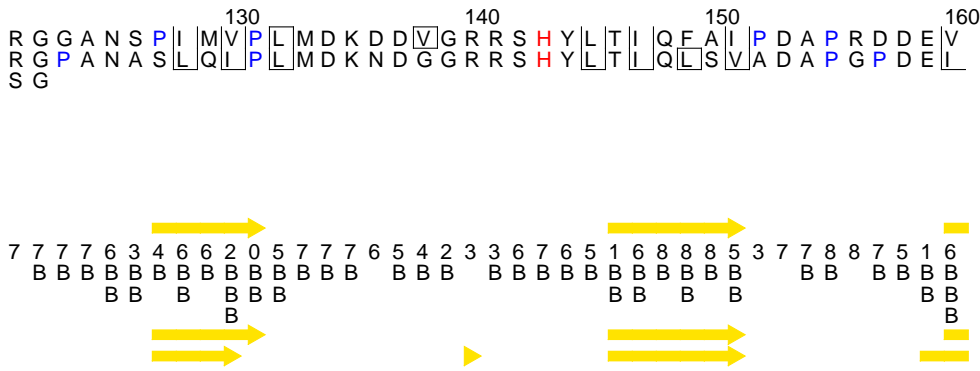
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UniRef90_F7ZA34

R G G A N S P I M V P L M D K D D V G R R S H Y L T I Q F A I P D A P R D D E V
R G P A N A S L Q L P L M D K N D G G R R S H Y L T I Q L S V A D A P G P D E L
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I I V L | G G A T G G R P H H R | L | G D R Y Q D 170 180 190
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