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QUERY UniRef90_C9Y894 UniRef90_H5V479 UniRef90_J3DGZ7 UniRef90_B2UCW2 UniRef90_F5R713 UniRef90_F0QCL5 UniRef90_U4KCD1 UniRef90_A6D696 UniRef90_U3BMG0 UniRef90_UPI000377940B UniRef90_Q2NVU0 UniRef90_E8XTA3 UniRef90_X4ZNU3 UniRef90_P67691 UniRef90_Q479P4 UniRef90_G8QJN4 UniRef90_M9W842 UniRef90_F5Y6E7 UniRef90_A9I1I9 UniRef90_UPI00037DD133 UniRef90_Q5P2L5 UniRef90_A0A024IAY0 UniRef90_V5PNK3 UniRef90_E5AL10 UniRef90_UPI000364D8CD UniRef90_U0FRQ3 UniRef90_UPI00046FF37B UniRef90_P67695 UniRef90_UPI000465ECAE UniRef90_C3XC32 UniRef90_Q1GZ43 UniRef90_C9P1I2 UniRef90_UPI00047916CF UniRef90_D4F268 UniRef90_UPI00036AA0A2 UniRef90_C5CXY3 UniRef90_UPI000474BF7E UniRef90_Q21UD6 UniRef90_D0YWA8 UniRef90_Q6LMG6 UniRef90_UPI00036E2AE8 UniRef90_Q2C3H0 UniRef90_Q82WR3 UniRef90_K9DW15 UniRef90_C6X9D5 UniRef90_UPI0003944110 UniRef90_UPI0003FF7CF0 UniRef90_V5FHA3 UniRef90_UPI00046FF413 UniRef90_E6PTG1 UniRef90_E3BM16 UniRef90_G9Y9X3 UniRef90_R9NMK9 UniRef90_W8X2J3 UniRef90_V3SYL0 UniRef90_D5X4I8 UniRef90_F9ZCU8 UniRef90_I1XGG9 UniRef90_W0SAU0 UniRef90_UPI000382573D UniRef90_UPI0004701C56 UniRef90_I0HX64 UniRef90_F3KP64 UniRef90_A0A014QCS2 UniRef90_W9AS60 UniRef90_I4Z5R9 UniRef90_M7PIB3 UniRef90_UPI000372E3E6 UniRef90_UPI00047D38A6 UniRef90_U3U7Y5 UniRef90_UPI0004661439 UniRef90_A1VKB1 UniRef90_A6GR34 UniRef90_D7DMX0 UniRef90_K8W5X1 UniRef90_A9BP76 UniRef90_F9U8H8 UniRef90_B2VD53 UniRef90_C6C9M1 UniRef90_W1J634 UniRef90_I2BCR4 UniRef90_R1ISQ9 UniRef90_W0E297 UniRef90_G4T0U8 UniRef90_I3U9F8 UniRef90_UPI00036D88C6 UniRef90_A1JJK6 UniRef90_UPI000362ABD3 UniRef90_D3RVJ3 UniRef90_E9CPE7 UniRef90_I3YFH1

50 60 70 80

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F A L L S L F F E I M D V V A T R Q Q D L K S E L L K D L E R Q Q Q Q F L S F R G N P
I F Y R S L F F E I L V E I F E Q I Q L K S E L A K D L E K Q R L T Y R S W L D V E
A F F R T I S D L L D V V L E R G E V R T E L L K E L E R Q Q Q R K L L Q W T E V P
T F F R N V A F E L L D V I F E R G E L R T E L V K E L E D D K Q R S A L F S W S D V P
I A M T T L F D L L D I C E R A D V R T A L Q D M H H R S A L S A L R E H P
T F F R A I A D M L D I L E R G D P R P E L L K E L E R Q Q H K L L Q W S E V P
F A L V T L F F E I M D V V A S R A D D L K S E L L K E L E R H R Q T F L G Y R G N P
A S L I A L F E I L E I T N R A D L K S D L L Q E L E R Q Q K L L L E M L R K N P
E A I D A M L S M L Q V F E R G D M K S E V T K E V E R L I T N L S A L I E N S P
V A L V T L F F E I L E V A S R A E L K F D L V Q E L E R Q Q R L L S F R N N P
D A L A T T L F F E I L E V T A S R A D D L K S E L L Q E L E R Q Q R T F T Q L J A N N P
F A L A T I F E I M D V V A S R A D D L K S D L L K E L E K H K L Q F E S Y R G N P
F A L A T I F E I M D V V A S R A D D L K S D L L K E L E K H R A Q L L Q S Y R G N P
Y A L A S L F E V M E V A G M R S D L R A E V L R D L E K Q K Q M L N G Y R D K P
F A L A T I F E I M E V A A R A D D L K S D L L R D L D R H K S L F E G L R D N P
I F F N A L F D L L E L I E Q V P V K T D L L A K A L D D K Q S T K L K A W L D Y D
F A L A T L F E I M D V V S R S V D I K N D L L G D L E R Q R A T L L S Y R G N P
D A I D A M L S M L S V V F E R S D I K A E I I K E I E R L I S N L T A L I E N I P
N F F R S A S D L L D V V F E R G E I R T E L L K E L E R Q Q R K L N S W A E V P
A V I S T L L D I L T L F E R G N D I K S E T L K E L E D R H A A V L T R M A H N Q
S V F R I I S D L L D I F E R G D I R T S E L L K E L E R Q Q Q A L R T W I D V P
A A L T T L F E I A D V T G R A D D L K S D L L K E L E R K K Q A L T P L R D D N P
H A L T T I F E I M D V V G A R A D D L K T D V L K D I E K Q K H Q L L N G Y R G N P
T A L L T L F E I T E V I G S R A D D L K S D L L Q E L E D R Q R A S L V Q F R G H P
C A L L T L Q L I L D I L D R S E L R S D L M Q L S R K A V M D A L Q G N P
A F F R S V S E L I E I L D R S E L R S D L I K D L E K H R K R L A T W A E V P
F A L V T I F E I M D V V A R T A D D L K T D V L K D L E R H K S L L D S L R G N P
V A V E T L L D I A S V T A R A D V K T E L L K E L E D R N Q M A T L K R F G D Q P
T F F R N A G E L L D V V F E R G E V R T E L L K E L E R Q Q Q K L L S W A E V P
T F F R A V A E L L D I L E R G D V R P D L L K E L E A R Q Q Q K L A Q W S E L P
A F F R T I A E L L E I F E R G E V R S E L L K E L E R Q Q R K L K H W L S A P
H F F R N I G E L L D I F E R G D I K S S D I L K E L E R Q Q Q R K L Q N W T N V P
V F F R S L F D L V E I L E Q V I Q V K G D L A K D L E K Q R A K L E T W L D V P
A A L E S L I E V A I T A R A D V K R N E L L K E L E R T L E T L R R I A S R E
A A I N T L L D I V A I T A R A D V K S E L L K E L E R H L K V L N Q L A G S E
V A L S L L F E I M D T C D R A E V R S G I L Q D L D R Q K A N L E N Y R H H P
S A L L S L Q M L D I L D R A D D L K M D L V Q E L E D R Q R L S M Q N L R G N P
T F F R T A S D L L D V V L E R G E V R T D L L K E L E R Q Q Q K L L W A D M P
A A L N V L L D I M M I F R R N D L K S E L L K E L E D R H A K V L N K V A N S D
C A L W A L L D I V A V T T R A D V R N E L L K E L E D R L Q T G N L N R L A T Q R
T F F R T L S D L L D V L E R G E V R T E L L K E L E R Q Q Q K L L T W A D V P
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QUERY	90	100	110	120
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UniRef90_B2UCW2	QI	DD	QD	DL
UniRef90_F5R713	DI	SE	EA	VL
UniRef90_F0QCL5	SI	SE	EA	VL
UniRef90_U4KCD1	SI	ND	QD	ML
UniRef90_A6D696	DV	DD	QE	ML
UniRef90_U3BMG0	SI	SE	QD	ML
UniRef90_UPI000377940B	SI	SE	QD	ML
UniRef90_Q2NVU0	GN	VD	ND	SE
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UniRef90_X4ZNU3	SV	DD	QD	AL
UniRef90_P67691	GV	DD	QD	AL
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UniRef90_UPI000364D8CD	SI	SE	EA	AL
UniRef90_U0FRQ3	GV	DD	QD	ML
UniRef90_UPI00046FF37B	GV	DD	QD	ML
UniRef90_P67695	GV	DD	QD	ML
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UniRef90_Q1GZ43	SI	EE	KV	VL
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UniRef90_D0YWA8	AI	SE	EA	AL
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UniRef90_Q2C3H0	GV	DD	QD	ML
UniRef90_Q82WR3	EV	SE	EA	AL
UniRef90_K9DW15	AV	AA	DD	VL
UniRef90_C6X9D5	SI	AE	KV	VL
UniRef90_UPI0003944110	GV	DD	QD	ML
UniRef90_UPI0003FF7CF0	DI	SE	EA	AL
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UniRef90_E6PTG1	AV	SE	EA	AL
UniRef90_E3BM16	GV	DD	QD	ML
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UniRef90_W8X2J3	GV	DD	QD	ML
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UniRef90_C6C9M1	EA	DD	EA	AL
UniRef90_W1J634	NA	DD	AA	MI
UniRef90_I2BCR4	GV	DD	QD	ML
UniRef90_R1ISQ9	NV	DD	TE	QL
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QUERY UniRef90_C9Y894 UniRef90_H5V479 UniRef90_J3DGZ7 UniRef90_B2UCW2 UniRef90_F5R713 UniRef90_F0QL5 UniRef90_U4KCD1 UniRef90_A6D696 UniRef90_U3BMG0 UniRef90_UPI000377940B UniRef90_Q2NVU0 UniRef90_E8XTA3 UniRef90_X4ZNU3 UniRef90_P67691 UniRef90_Q479P4 UniRef90_G8QJN4 UniRef90_M9W842 UniRef90_F5Y6E7 UniRef90_A9I19 UniRef90_UPI00037DD133 UniRef90_E5P2L5 UniRef90_A0A024IAY0 UniRef90_V5PNK3 UniRef90_E5AL10 UniRef90_UPI000364D8CD UniRef90_UOFRQ3 UniRef90_UPI00046FF37B UniRef90_P67695 UniRef90_UPI000465ECAE UniRef90_C3XC32 UniRef90_Q1GZ43 UniRef90_C9P112 UniRef90_UPI00047916CF UniRef90_D4F268 UniRef90_UPI00036AA0A2 UniRef90_C5CXY3 UniRef90_UPI000474BF7E UniRef90_Q21UD6 UniRef90_D0YWA8 UniRef90_Q6LMG6 UniRef90_UPI00036E2AE8 UniRef90_Q2C3H0 UniRef90_Q82WR3 UniRef90_K9DW15 UniRef90_C6X9D5 UniRef90_UPI0003944110 UniRef90_UPI0003FF7CF0 UniRef90_V5FHA3 UniRef90_UPI00046FF413 UniRef90_E6PTG1 UniRef90_E3BM16 UniRef90_G9Y9X3 UniRef90_R9NMK9 UniRef90_W8X2J3 UniRef90_V3SYL0 UniRef90_D5X4I8 UniRef90_F9ZCU8 UniRef90_I1XGG9 UniRef90_W0SAU0 UniRef90_UPI000382573D UniRef90_UPI0004701C56 UniRef90_I0HX64 UniRef90_F3KP64 UniRef90_A0A014QCS2 UniRef90_W9AS60 UniRef90_I4Z5R9 UniRef90_M7PIB3 UniRef90_UPI000372E3E6 UniRef90_UPI00047D38A6 UniRef90_U3U7Y5 UniRef90_UPI0004661439 UniRef90_A1VKB1 UniRef90_A6GR34 UniRef90_D7DMX0 UniRef90_K8W5X1 UniRef90_A9BP76 UniRef90_F9U8H8 UniRef90_B2VD53 UniRef90_C6C9M1 UniRef90_W1J634 UniRef90_I2BCR4 UniRef90_R1ISQ9 UniRef90_W0E297 UniRef90_G4T0U8 UniRef90_I3U9F8 UniRef90_UPI00036D88C6 UniRef90_A1JJK6 UniRef90_UPI000362ABD3 UniRef90_D3RVJ3 UniRef90_E9CPE7 UniRef90_I3YFH1

130 140 150 160

R R S R Q R F N L C C F D L P A L H Y W L H L P I E R K K H D A N Q W Q K S L K P L S
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QUERY UniRef90_C9Y894 UniRef90_H5V479 UniRef90_J3DGZ7 UniRef90_B2UCW2 UniRef90_F5R713 UniRef90_F0QCL5 UniRef90_U4KCD1 UniRef90_A6D696 UniRef90_U3BMG0 UniRef90_UPI000377940B UniRef90_Q2NVU0 UniRef90_E8XTA3 UniRef90_X4ZNU3 UniRef90_P67691 UniRef90_Q479P4 UniRef90_G8QJN4 UniRef90_M9W842 UniRef90_F5Y6E7 UniRef90_A9I1I9 UniRef90_UPI00037DD133 UniRef90_Q5P2L5 UniRef90_A0A024IAY0 UniRef90_V5PNK3 UniRef90_E5AL10 UniRef90_UPI000364D8CD UniRef90_U0FRQ3 UniRef90_UPI00046FF37B UniRef90_P67695 UniRef90_UPI000465ECAE UniRef90_C3XC32 UniRef90_Q1GZ43 UniRef90_C9P1I2 UniRef90_UPI00047916CF UniRef90_D4F268 UniRef90_UPI00036AA0A2 UniRef90_C5CXY3 UniRef90_UPI000474BF7E UniRef90_Q21UD6 UniRef90_D0YWA8 UniRef90_Q6LMG6 UniRef90_UPI00036E2AE8 UniRef90_Q2C3H0 UniRef90_Q82WR3 UniRef90_K9DW15 UniRef90_C6X9D5 UniRef90_UPI0003944110 UniRef90_UPI0003FF7CF0 UniRef90_V5FHA3 UniRef90_UPI00046FF413 UniRef90_E6PTG1 UniRef90_E3BM16 UniRef90_G9Y9X3 UniRef90_R9NMK9 UniRef90_W8X2J3 UniRef90_V3SYL0 UniRef90_D5X4I8 UniRef90_F9ZCU8 UniRef90_I1XGG9 UniRef90_W0SAU0 UniRef90_UPI000382573D UniRef90_UPI0004701C56 UniRef90_I0HX64 UniRef90_F3KP64 UniRef90_A0A014QCS2 UniRef90_W9AS60 UniRef90_I4Z5R9 UniRef90_M7PIB3 UniRef90_UPI000372E3E6 UniRef90_UPI00047D38A6 UniRef90_U3U7Y5 UniRef90_UPI0004661439 UniRef90_A1VKB1 UniRef90_A6GR34 UniRef90_D7DMX0 UniRef90_K8W5X1 UniRef90_A9BP76 UniRef90_F9U8H8 UniRef90_B2VD53 UniRef90_C6C9M1 UniRef90_W1J634 UniRef90_I2BCR4 UniRef90_R1ISQ9 UniRef90_W0E297 UniRef90_G4T0U8 UniRef90_I3U9F8 UniRef90_UPI00036D88C6 UniRef90_A1JJK6 UniRef90_UPI000362ABD3 UniRef90_D3RVJ3 UniRef90_E9CPE7 UniRef90_I3YFH1

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

QUERY	P	M	K	Y	G	V	V	P	M	I	S	G	H	K	N	R	F	A	I	K	F	M	A	F	E	N	G	Q	A	C	S	Q	D	V	E	F	F	E	L	L	A	V	L	C				
UniRef90_C9Y894	D	P	E	L	Q	V	L	P	E	I	S	G	H	K	N	R	F	A	I	R	L	M	R	H	D	S	A	D	H	A	C	G	Q	D	V	E	F	F	E	L	L	A	V	L	C			
UniRef90_H5V479	S	M	D	D	E	L	L	P	E	I	S	G	H	K	N	R	F	A	I	R	F	M	P	H	D	S	A	D	H	A	C	G	Q	D	V	E	F	F	E	L	L	A	V	L	C			
UniRef90_J3DGZ7	D	E	E	L	G	F	I	P	E	I	S	A	N	K	Y	M	L	W	V	R	F	T	Q	Q	D	R	P	K	P	V	D	A	D	A	V	A	F	F	E	L	L	A	V	L	C			
UniRef90_B2UCW2	D	E	E	L	G	F	I	P	E	I	S	A	N	K	Y	M	L	W	V	R	F	T	Q	Q	D	R	P	K	P	V	D	A	D	A	V	A	F	F	E	L	L	A	V	L	C			
UniRef90_F5R713	E	Q	N	E	P	F	T	P	E	I	S	A	N	K	Y	M	L	W	V	R	F	T	Q	Q	D	R	P	K	P	V	D	A	D	A	V	A	F	F	E	L	L	A	V	L	C			
UniRef90_F0QC15	D	P	A	W	N	M	V	P	E	I	S	G	H	K	N	R	F	A	I	R	L	M	R	Q	D	A	D	A	V	A	D	A	V	A	F	F	E	L	L	A	V	L	C					
UniRef90_U4KCD1	P	L	E	Y	G	V	Y	P	M	I	S	G	H	K	N	R	F	A	I	K	F	M	S	F	E	S	D	G	Q	A	Y	P	H	D	V	E	F	F	E	L	L	A	V	L	C			
UniRef90_A6D696	P	M	D	Y	G	V	Y	P	M	I	S	G	H	K	N	R	F	A	I	K	F	M	S	F	E	S	D	G	Q	A	Y	P	H	D	V	E	F	F	E	L	L	A	V	L	C			
UniRef90_U3BMG0	P	V	E	Y	G	V	Y	P	M	I	S	G	H	K	N	R	F	A	I	K	F	M	S	F	E	S	D	G	Q	A	Y	P	H	D	V	E	F	F	E	L	L	A	V	L	C			
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UniRef90_Q2NVU0	S	V	E	H	Q	L	Y	P	Q	V	S	G	H	K	T	R	Y	A	I	R	F	L	S	L	D	S	E	N	V	V	P	N	R	L	L	P	F	F	E	L	L	A	V	L	C			
UniRef90_E8XTA3	S	M	E	N	Q	L	Y	P	Q	V	S	G	H	K	T	R	Y	A	I	R	F	L	S	L	D	S	E	N	V	V	P	N	R	L	L	P	F	F	E	L	L	A	V	L	C			
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UniRef90_P67691	D	P	S	L	G	V	I	P	E	I	S	A	N	K	Y	M	V	W	I	R	F	S	T	Q	D	K	P	Q	Q	L	G	S	R	D	V	V	F	K	M	S	L	L	A	V	L	C		
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UniRef90_G8QJN4	R	D	G	D	P	A	I	P	E	I	S	A	N	K	Y	A	L	N	I	R	F	T	C	P	D	K	E	P	R	A	C	C	D	R	E	V	A	F	D	M	T	F	L	L	A	V	L	C
UniRef90_M9W842	D	L	A	S	Q	L	Y	P	Q	V	S	G	H	K	S	R	F	A	I	R	F	L	P	L	D	S	E	G	V	V	P	E	N	A	F	F	E	L	L	A	V	L	C					
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UniRef90_Q5P2L5	A	P	A	E	A	V	V	P	E	I	S	A	N	K	Y	A	L	N	I	R	F	M	L	S	E	R	P	R	L	A	E	R	D	L	P	F	F	E	L	L	A	V	L	C				
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UniRef90_V5PNK3	A	A	D	L	R	V	I	P	E	A	S	A	N	K	Y	M	L	W	V	R	F	T	T	Q	D	K	P	R	A	V	D	V	D	V	P	F	F	L	L	L	A	V	L	C				
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QUERY
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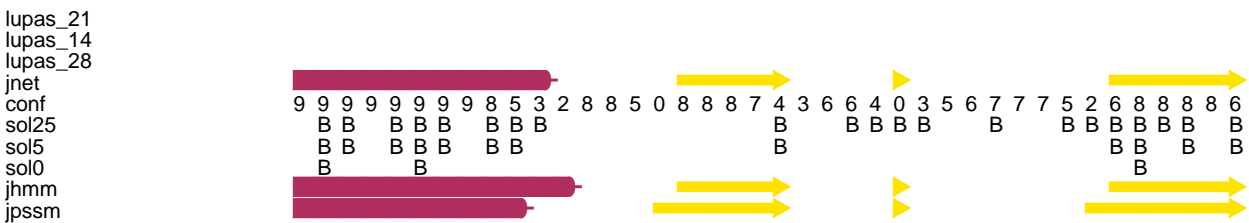
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Sequence logo visualization showing conservation scores for various protein families across amino acid positions. The x-axis represents amino acid positions (1-80), and the y-axis lists protein families. Conservation is indicated by the height of the bars, with a color gradient from blue (low) to red (high).

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UniRef90_B6BUY0	E	S	L	S	F	I	L	K	I	L	R	K	H	S	T	K	E	T	L	T	A	N	N	M	V	A	Q	L	K	L	D	P	F	D	L	L	T	I	N	L
UniRef90_UPI00036D1CA6	E	T	V	T	I	Y	L	S	L	L	R	E	T	S	E	Y	I	P	L	T	A	H	N	G	F	Y	Q	H	S	V	S	P	N	H	L	I	L	L	K	M
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UniRef90_Q0EZC4	E	A	V	D	Y	L	D	K	M	L	N	D	F	V	Q	W	K	Q	C	V	A	T	H	G	T	G	H	I	T	G	K	S	F	G	L	L	V	I	S	L
UniRef90_UPI000475D0AD	E	A	V	Q	R	L	D	T	M	L	H	D	F	V	D	W	Q	W	G	A	E	D	G	T	D	Q	I	L	L	D	R	F	G	L	L	V	I	G	L	
UniRef90_UPI0003781B8D	H	A	I	N	R	L	N	D	M	L	N	D	F	V	G	W	E	K	G	V	A	K	T	G	A	G	H	I	T	G	K	S	F	G	L	L	V	I	A	L
UniRef90_UPI000367BB56	N	A	I	N	T	L	D	S	M	L	N	D	F	V	G	W	K	E	C	V	A	T	G	G	V	G	Q	I	T	G	K	S	F	G	L	L	V	I	S	L
UniRef90_UPI0003629AC7	A	I	V	T	H	L	D	A	M	L	N	D	F	V	P	W	L	H	K	I	A	E	E	G	R	A	Q	I	T	P	D	Q	H	G	L	L	I	I	G	L
UniRef90_UPI00035F2363	D	I	V	T	H	T	D	H	M	L	N	D	F	V	P	W	S	D	K	L	A	E	E	G	H	A	Q	L	S	P	D	N	H	G	L	L	I	I	G	L



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