

1 10 20 30 40
QUERY MA S R V L L N N G A K M P I L V G L G T W K S P P G Q V T E A V K V A I D V G Y
UniRef90_G5BS21 MA T F V E L S T K V N M P I L V G L G T W K S P P G Q V T E A V K V A I D V G Y
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UniRef90_H3AKS6 H I L L N D G N S I P V I L G L G T Y A S P E G A C A E A V K V A I D V G Y
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QUERY C T Y H E K G L V K G A C Q K R T L S D L L K K Q G L L D D Y L L D L Y L I I H W P T G F K P G K
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UniRef90_G1TLA5 S T N H D P V M V R P T L E E R T L K A V L K L L R L L D D Y L L D L Y L I I E P M A F K P G D
UniRef90_G3VPF5 S T Y F T P E M V R P T L E E R T L N N L L Q L L D D Y L L D L Y L I I E M P M A L K P G N
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R M I D T A A Q S Y N E E E V G G R A V K K S S G I P R R E E L F F I V T T K V W
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R H I D T A S Y Y G N E E E V G G T A I K E S S G I P R R E E I F F I V S K V W
R L V D D T A T L Y G N E E A V G G R A V R D S S G L P R R D D D V F F V T T S K L W
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R H I D T A E F Y R N E E K E I G Q A L Q E Q F T A G L R R R E E L F F I T T S K L W
R H I D T A A Q Y G N E E S V G G A L Q K Q A I K K S G I N R R H D L F I T T S K L W
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R S I D T A A L Y G N E E V G V G R A I R A D A G V P R R E D I F F I T T T K V W
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R H I D T A A M Y G N E E E V G G Q A I R E S S G L P R R D D I F F I T T K L W
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K D N G I Q V V A Y S S F G S P Q S Y H P L A K N T P N L F H H D T I K Q I A N N
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K E K D I L T E A Y S P L G N N Q T G E P R T V D D A K V K E L A T K
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L T L N D G R T M P Q M G F G L W Q V P E R E T A R L V V D A V K V G Y
T V T L N N G D K I P A V L G L G T W Q A T E D A A Y K S V K A A L K V G Y
P N F V L N N G V K I P A L G L G T Y R L K K C D V D K A V R S A V A S G Y
Q P I T L H D G N R M P Q L G L G V W Q A S I D E A R S A A V K A L S V G Y
I E L Y N G V K I P K L G L G L F L M K E A E L V D A V K Y A V E V G Y
K T V K L N N G V E I P L L G F G T F Q I D S E A E A V E K A A I K A G Y
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		250		260		270		280																																													
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UniRef90_Q8G4T2	Y	G	R	S	A	A	Q	V	V	L	R	W	H	L	Q	R	G	I	V	V	L	P	K	S	S	T	H	A	E	R	I	K	Q	N	F	E	V	F	D	F	F	E	E										
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UniRef90_N1VNV2	Y	N	K	S	N	A	Q	I	V	L	R	W	S	L	Q	Q	A	G	H	V	V	I	P	K	S	S	K	N	P	D	R	I	K	E	N	A	D	F	F	D	F	G	T	I	N	V							
UniRef90_C9SNS2	Y	G	V	T	P	A	Q	V	L	R	W	A	T	Q	R	A	G	V	A	V	I	P	P	K	S	S	N	S	Q	D	R	I	K	Q	N	F	E	V	V	N	G	F	D	E	I	N	V						
UniRef90_I4EYS4	H	G	K	S	P	A	Q	V	M	L	R	W	H	L	Q	Q	A	G	R	S	V	V	P	K	S	S	M	T	E	P	A	R	I	K	E	N	V	D	E	F	F	D	F	E	E								
UniRef90_UPI00047D0105	V	G	K	T	P	A	Q	V	I	L	R	Y	D	L	Q	N	G	V	I	T	I	P	P	K	S	S	M	T	E	S	R	I	K	E	N	V	E	L	F	F	D	F	E	E									
UniRef90_P14065	N	N	V	Q	P	G	H	V	V	I	S	W	H	V	Q	R	G	Y	V	V	L	P	P	K	S	S	V	N	P	D	R	I	K	T	N	R	K	I	F	F	T	T	I	N	V								
UniRef90_W7J1H3	H	G	K	S	T	A	Q	V	I	L	R	W	H	L	E	L	G	N	I	V	I	P	P	K	S	S	V	T	P	A	R	I	Q	A	N	F	D	V	F	D	F	T	T	I	N	V							
UniRef90_M2V3S4	Y	A	K	T	P	A	Q	I	V	L	R	W	H	I	E	L	G	N	I	A	I	P	P	K	S	S	V	R	P	A	R	I	V	E	N	F	D	V	F	D	F	T	T	I	N	V							
UniRef90_V4S4T3	L	G	K	T	P	A	Q	V	A	L	R	W	G	L	Q	M	G	H	S	V	L	P	P	K	S	T	N	E	A	R	I	K	E	N	F	D	V	F	D	F	S	W	S	I	N	V							
UniRef90_B7FEZ2	Y	K	R	S	A	S	A	Q	V	L	R	Y	L	I	D	V	Y	G	V	I	P	I	P	K	A	A	N	P	L	H	I	K	E	N	F	D	V	F	D	F	K	E	I	N	V								
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UniRef90_L0MMZ6	Y	E	K	T	P	A	Q	I	V	V	R	W	H	L	D	N	G	L	V	V	I	P	P	P	K	S	S	V	T	P	S	R	I	L	A	R	E	N	F	A	V	F	F	D	F	K	D	I	N	V	I	N	V
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UniRef90_B8LWB9	R	G	Y	T	L	A	Q	V	L	I	A	W	G	I	R	R	G	Y	V	V	L	P	P	P	K	S	S	T	P	S	R	L	E	S	N	F	K	S	V	E	I	N	V	I	N	V	I	N	V				
UniRef90_R5QRU1	Y	N	K	S	V	G	Q	V	L	R	W	L	V	Q	R	E	I	V	S	L	P	A	A	K	T	S	R	K	E	R	M	Q	A	E	N	L	N	L	F	D	F	F	E	E	I	N	V	I	N	V			
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UniRef90_R4ZMH8	Y	G	K	S	V	A	Q	V	A	L	R	W	S	L	D	N	G	F	L	P	L	P	P	P	K	S	A	T	P	S	K	N	I	E	A	N	L	D	A	F	D	F	F	E	E	I	N	V	I	N	V		
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 Q E G K Y V D S W G G M M R S K E V G L T R S I | G V S S
 K R G T Y V D T W K A L T Q L R K D G K A K S I | G V S S
 G Q G Q Y V E A W K A L V R L R D A G K T R S I | G V S S
 G T S G R Q P T D P [L]N R E T R L E T W R A F E K L Y A D K K C R S I | G V S S
 G K G L A P Q T W E V F Q E L Y A E G A V R A I | G V S S
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 G F P Y N K E D [L]E P L D Y E G V W E A M E E C Q N L G L T K S I | G V S S
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 V I Q E Y M E A L A E A R A A G L T R A I | G V S S
 P G W F Y D G E S Q I R H S K V P I Q E T W E A L E E L V D E G L T R H I | G V S S
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 G D Y L G A Y H A M E E A V K K G K V R S I | G L S S
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 K P V P L D E S G S M V P S D T N I L D T W A A M E E L V D E G L V K A I | G I S S
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R G V T P A S V L R S W H L A R G S S V L A K S V T P S R I E E N R K L F V K
H N K S V A Q V L R W L T Q R E V V V I P K S V R K E R I E E N L H I F D F F E
N K V S P A T I L I S W A L W R G T V V L P K S V S A H R L E S N F N V I D
A N G L L F S L F S V D E I V K F N V E N S Y D N T K I D T Y T F Q V V F D F E
Y N K T A A Q V A L R F N I Q R G I V V I P K S F E P T L I K E N F D V F R E L L
Y E K S T F Q L I R W S L Q H G A V T I P K S V K R E R I Q E N F D V V W D F T
V G A S P A Q V I I R W H L Q N S L V V I P K S T H R E R L A A N A D V F G I T
H G K S P A Q V V L R W H V Q Q D R I V F P K T V R R E R M I E A N A E L F D F F T
H G L Q T P D V L L G Y L V A K E I V T L P K S V T P A R T A S N Y Q A A A S K
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M R H T F T L N D G V E I P A V V G F F G T Y K A A D N T D E A I I S E A L L E A G Y
M L E T L K L T N G V T R I P L L L G Y G T W M I K D E H A E R L V S Q A L L E A G Y
T Y K L S N G V E I P L L L G L G T W L L D D E Q A A Q A V R D A V S S G Y
N G N R M P Q V V G L G V F R V E N D D A K D A V K H A I L L E A G Y
M A Y R I R L N D G N S I P A L L G L G T W L I D D A D A A R A V E D A V A V G Y
L T L A D G Q Q M P Q E E G F F G L Y K V I D D G T M T A A I Q H A F E D D G Y
T Y T L S N G V A I P K V I G L G T W F I D D D K V A R A V R E A V E I G Y
P S V K L N N G V L M P M E G F G V Y Q I A D D D E C R R S V L D A L E A G C
P S V P L P G G A S L P Q I L G F F G T F E L T P D D D T A N V V R T A I E A G C
K H I E F Y N G H E M P M L L G F F G T F E L T P D H E C K H A V I M N G Y
V T F Y N G N E M P I I G M G T F R L K G N D A R D A V K S A L S L G Y
M G S R V R L G G S E M P V L L G F F G T W K L A E G D C K K A V K H A I E A G Y
K T V K L N N G V E M P I L L G F F G V F Q T N Q G E E C E K S V L N A I E T G Y
M L K E K K L I T G D K I P E I L G F F G T W D I A E E D V G R A V E M A L L E A G Y
P S I P L N D G H R I P Q L L G F F G V F K T P P A E T A A A V G A A F D A G Y
T P T I T L R D G L V L P A L L G F F G T A G L R G A T G I Q T S I T D S A T L N N G Y
P S L P L D S G Q S I P Q V V G L G T W P L D D A A V E Q A V I A A A G L G Y
Q T V T L S N G V L M P S L L G L G T W L I D N D A V A G V V R K G V L L G Y
M K Y F K L N D G N K I P V L L G L G T Y K I T N E D I A K T I E A A L E A G Y
P N V T L H D G L T I P K V L G F F G T Y R L N G N D G V Q A L N N A I D H G Y
P S L K L H D G H Q I P A V L G F F G T Y T L N G N K A G V D V M L R A L N N G Y
Q T V K L N N G V E I P V L L G F F G V F Q I S P A E C E R A V L D A I E T G Y
L Q S T Y K M N S G Y E I P V L L G F G V Y Q T P P E K T E K A V L K A L Q E V I G Y
D G E S V Y D T V S S A L E I G Y
I T L S T G Q K L P Q I L G L G T W L S K H G E V E N A V E I A V R H G Y
G A R I P A M G F F G T F Q N P K E G V T E A V L R A L L E A G Y
G A D I P K L L G F F G T W Q L K D E D A T R A V A H A L L E A G Y
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P E V L S S G E R M P L T I G M G C A A S P P E V L T S I L L K A I E A G Y
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T H T M R D G R R I P A I L G L G T Y P M D D A G A E A D V A E A L M L G Y
F K L N S G H S I P A V L G L G T W Q S G P N E V A R A V E H A L L E A G Y
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M Q Y V T L N N G I K M P I L L G F F G T Y S I N D S H T I L E A I S Y G Y
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S M P T V L G F F G L W K V P K P Q C A D V V Y N A L L K L G Y
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UniRef90_A3LZK0 N F T K S K I L E R L L A D P E V D V V P A V N N Q Q V I E A H P L L L T Q P E L Y D Y L C
UniRef90_S7R179 C F S V R H L K E M A E E G G V P I P A V N N Q Q V I E R H P F M T R Q R D L I V T Y F C
UniRef90_M5AGK4 N F S E D Q L K Q R V I E E M A T V K K P I P A V N N Q Q V I E R H P Y K V I Q Q A N K L G D Y F D
UniRef90_I1BJ26 N F A I P N Q V D R A I E E V S S A P I P A V N N Q Q V I E L H P Y L P Q Q N D L L V E H C C
UniRef90_R4W839 N F N L R R Q T G E L L V D E S S A K P I P A V N N Q Q V I E V N L G V H N Q A P L R N K F Y A
UniRef90_V5E5C5 N F T R S R H I E L L L D S N P K H R P T I N Q Q I C D L H P F M A N R Q L Q L V E K F C C
UniRef90_X0PK15 N F T R S R H I E L L L D S N P K H R P T I N Q Q I C D L H P F M A N R Q L Q L V E K F C C
UniRef90_R9P365 N Y A Q R R H I E L L L D S N P K H R P T I N Q Q I C D L H P F M A N R Q L Q L V E K F C C
UniRef90_UPI00047EA778 N F E P H R H L E E Q L L E V P A E I T T P M V N N Q Q I E E M H P A L P Q Q K E H I R Y Y C C
UniRef90_F0XBT4 N Y S K R Y L E E Q L L E V P A H A T V V P A V N N Q Q I E E M H P A L P Q Q K E H I R Y Y C C
UniRef90_F9G5H0 N F A P K D I K N I L K I A T R P Y P A H E F E T H P Y L Q Q Q S F V D F H
UniRef90_R6P2L3 N F L Q D D L E N I L K I A D C K I K P M V N N Q Q I L L H I S N T N Q A T Q R N D F H
UniRef90_S0NR08 N F L P E H I E R L E K E T G V L P V I N N Q Q I E L H P H F N Q N Q A T Q R N D F H
UniRef90_D7GIC5 N Y Q P D H L R T I I N A T G V L P A V N N Q Q I E V H P Y L T P Q E P L R E L D
UniRef90_UPI000462D695 N F L T D H L L E L K E D C Q K L T P H V N N Q Q I E E Y H P F Q R S Q Q E L V N Y A
UniRef90_C1EGK3 N F L N V S L L E T D L L A T S R V Q K P A V N N Q Q I E E S H P Y L S Q Q K E H I R Y Y C C
UniRef90_UPI0002E8C53C N F L P E H I E T L L Q Q E T G V L P V V N N Q Q I E E H P Y F N S Q Q E A L V Q Y A
UniRef90_C7ZGZ8 N F T P E H L Q T I R A T N D E V P A V N N Q Q I E E R H P L L Q Q S Q A A Q R K W N
UniRef90_W7C2W6 N F L P E H I E R L L Q N E L P A V N N Q Q I E E L H P Y F N S Q Q K E L R E F N
UniRef90_UPI00040D1848 N F E P A H I N R L I D E T S V K P A V N N Q Q I E E L H P Y F N S Q Q K E L R E F N
UniRef90_R5S9Z1 N F D A N D E V I F N E I M E K S T I K P A V L E I E C H P Y A Q R Q R R L V E M R K K A
UniRef90_S2J553 N F N V Q L T L D L L S T G V L P P S V L E I E H H P Y L Q Q Q R R L V A Y L
UniRef90_J3NZ96 N F G V K Q L E R L L A D K G T T L V P A V D Q I E E L H P A N P S P R L V A Y L
UniRef90_E3D8R3 N F M P S D L Q R L Y D E V G Q W P Q V N N Q Q I E E L H P S W Q Q S N V D F C
UniRef90_UPI000249042C N M T P K I W N Q R F P Q F D T K P A V N N Q Q I E E F N P Y F Q Q H E I R Q V I M
UniRef90_I3R2W9 N F E P E Q L R E A V E L S E S G I F A N N Q Q I E E L H P L L Q Q Q D E L R E V I C
UniRef90_U2E6X4 N F T T T L I E E A V G Q S T A P L A T N N Q Q I E E H H P Y L S Q Q D E L R E V I C
UniRef90_UPI0001CBB1D3 N F E V S H I R D L E E T W D I I P H V I N N Q Q I E E H H I Y R P M E L I Q Y C C
UniRef90_I0YNV4 N F S I K K L E E V L S F C R I R P A V N N Q Q I E V H P I W R N D E L I A Y A C C
UniRef90_UPI00035F1720 N F S T K K L T T L L S T A A I P P A V N N Q Q I E E M H P Y Q Q Q R V Q V A F A
UniRef90_M4H382 N W S I K N L E I L L N A P T T K V K P V V N N Q Q I E C H P Y L P Q Q K K L L K Y C
UniRef90_V5I4Z5 N Y S V K N L D E L E A Y I N A G G K I D V G Q Y E I I H P W C A R D N V V E W L
UniRef90_F8PUD8 N F S I K T R I E Q L L K T A N V V P A V N N Q Q I E E L H P Y L A Q Q D L L E A Y C
UniRef90_B8PDN7 N F N I P R I L E Q N L T A N A L K V Q P A V N N Q Q I E E L N F W A P Q P E L V D Y C C
UniRef90_A0A024JKS1 C S I P M L E S L L P H V E V V P A A N N Q Q I E E L H P Y L P Q Q P E L V D Y C C
UniRef90_D4M0R0 N F L P H I L N N L L E R E T S I T P M V N N Q Q I E E F H P G Y M P K D A V D Y C C
UniRef90_B9DSD6 N F L I K D I Q N I L E R K H G R V K P A V N N Q Q I E E L H I G N V P F K D L V D Y C C
UniRef90_G2RL72 N F L Q D D I E N I L S S C E I K P A V N N Q Q I E L A H V S N T P L E L L E F C C
UniRef90_S2XH86 N F N V I E H D R L L A N V R I K P V I N N Q Q I E E S H P Y L T Q K A L H E Y L
UniRef90_R7PQR6 N F K I H H G K L S E V S D V M P V I N N Q Q I E E S H P Y F N N S E L I D Y C C
UniRef90_U2SAV8 N F L I D D L R N I I D N A R V R P A V N N Q Q I E L A H V G N T P F E L I D F C C
UniRef90_F9JHF0 N F E M I H L E N I A T Q A H E M P V V D Q Q I E L H P L L T P K S E P L L A F C
UniRef90_J7L7W0 N F L R S D L E N I L G S C T V A P Q V N N Q Q I E L H V G N T P S E L I A F C
UniRef90_K4IQQ2 N F Y A D R Y V D L V K F N R I V P A V N N Q Q I E T H V F H Q R R P R E R A Y M
UniRef90_UPI00036A8081 N F R P E D L D R L A E H G G P L P E V N N Q Q I E E L H P A F Q Q Q R K L S E Y H
UniRef90_H0DG89 N F E P E Q L E A L A Q V S I K P V I N N Q Q I E E Y H P T F Q Q R K L S E Y L
UniRef90_M7CVW2 N F T C A Q M D E A K R I L G D T S I F T N N Q Q I E V H P F L A N R K V V D H A
UniRef90_UPI0002FF7E7A N F N A E H L E L L A Q V S I K P V I N N Q Q I E E F H P Y L T Q D S A L R R Y L
UniRef90_UPI000378D9A5 N F S L E Q V D E L T A G T G V T P E V D Q V E F F N P E N S Q D S A L L A G C
UniRef90_X5DIH1 N F S Q D R V M D M I T F N E I T P M V N N Q Q I E T H P F N Q Q Q V D T E K F L
UniRef90_D1NU24 N F E Q D Q L E E L L K H S S Y K P A V N N Q Q I E E S P Q F T N Q K E L I D Y T
UniRef90_E4RM36 N F S Y Q L M F A L K I T D V I P I A V N N Q Q I E E F H P Y Y Q Q E L L E F C
UniRef90_H8L341 N F R A E D L D A T I D A T G V T P V L N N Q I E L H P L L Q Q Q T E L R D V D
UniRef90_UPI000365F25C N F L P Q H L D K L Q A E T G E L P E V N N Q Q I E L H P M F S Q Q P E Q R A Y N
UniRef90_UPI0002F9B2F4 N F T C A Q L D R A V S I L G R G E I L T N Q I E V H P F L Q Q N R Q V I E K C
UniRef90_UPI0004684BD1 N F K P A H L D A L I D A T G V V P A V N N Q Q I Q L S P A I T R R E Q R E Y D
UniRef90_UPI0003B372A1 N F L E A D L D M L M A G S D I A P M V N N Q Q I L A H V G N M P F D L I N Y C
UniRef90_L0EB52 N F L P A D R L M D L V M H N E I T P H V N N Q Q I E T H P F Y Q Q A D T V K F L
UniRef90_B6WA29 N F E L S Q L K K L L E I G E K P A I D Q L E S S P H F Q N Q D D T V K F L
UniRef90_Q8ET73 N F L P E H I E R L Q Q E T G E L P T I N N Q Q I E L H P F F F N Q E D Q R K W H
UniRef90_A0A009ZUD3 N F L P E H I E R L Q Q E T G E L P T I N N Q Q I E L H P Y F N Q A E Q R Q Y D
UniRef90_D5CRJ4 N F H P D R L A D L M A F N R V K P A V N N Q Q I E V N P F N Q Q L H A V P W M
UniRef90_CONBL0 N Y G V H H L D E L E E Y N K D G G K I D V G Q Y E L H P W L A R P D I V E W L
UniRef90_K0J0Q7 N F H P H S D D L M K D V T I K P M I N N Q Q I E L H P Q L S Q V I R E Y C C
UniRef90_K5W427 C S I K C I Q G I Y D A T G V W P T M N N Q I E R H P L N P Q Q F E L V A W C C
UniRef90_J4VX40 N F N I R K V Q K L D T C T I K P A A N N Q Q I E R H P Y L L D S D L I K F C C
UniRef90_UPI0003B55ADE N F T V D L M D E A R A H S K A P L A V N N Q Q I E Y H P F L D Q S A V L N A C C
UniRef90_K9D9V2 N F Q P D R L M D T I A F N E I K P A L N N Q I E V H P F H Q Q Q E S A A N A M
UniRef90_V2WB81 N F S V P Y L E R L L A N S E I V P A V N N Q I E L H P S C P Q Q E V V A F C C
UniRef90_V7B6V6 N F T L A K L E K L L S I A E I R P S V C Q M E M H G W K N E K M L A C C C
UniRef90_Q5K8C5 N F G K K H I Q E F I D Q K V P L P T V N Q V D L H P F M R H P E T V E I C C
UniRef90_A0A059AVN2 N F G T K K L S D L L L H A T I P R A T L Q L E V E M N V A W Q Q E K L R G Y C
UniRef90_K1WWE5 N L N C A S M L D L L R Y A R I P A T L Q L E H H P Y L V Q R P L V A F A
UniRef90_UPI00037071C0 N F T P A H I R R L V E E T G E T P A V N N Q Q I E L H P Q Y Q Q E R L R E F H
UniRef90_C9SSB1 N F S K A R I E D L L K T A E I K P A V N N Q I E A H P Y L Q Q P K L L H T F S
UniRef90_M5VZB4 N F S S K R I G D L L E V A R I L P A V N N Q Q I E L H P W Q Q P K L H T F C
UniRef90_F7Q137 N F N V N D L K A I L E T C T V K P M A N N Q I R Y F I G D T Q D E I T N F C
UniRef90_S7ZNP9 N Y G L Q H I E E L E E Y I K N G G E T I V G Q Y E I H P W C P R E D I A S W L
UniRef90_X8GWA9 N F L Q E D I E S L W E T A E I K P M V N N Q Q I E C H I S N S P R E L I G Y C C
UniRef90_S0B3T2 N F N E R Q I E K I M K V C R I K P V V N N Q I E M N V Y M Q Q K A L R K V C C
UniRef90_W3XPG2 N F N G Q L L Y D L L S Y A K V P V A S L Q I E H H P Y L V Q P E L V K M A
UniRef90_UPI00035A184D N F N H F Q L E R L L N K P G L K H K P V T N Q E V E C H P Y L T Q E K L I Q Y C
UniRef90_C5ZYE7 N F T L H T F K E F I K T C E I P P A I N N Q Q I E T H I Y Q Q A A L Q T M
UniRef90_M5J5K1 N F M P H V K L L E T A T I K P M V D Q I E L H P G W T H A E I K E L
UniRef90_U5HIE5 N F C G G L I D L F E R S A K V K P S V L Q I E H H P Y L Q Q P A L K L A
UniRef90_UPI000429B439 N F S T I E Q I Q E V V D A T E I K P A V L Q T E A H P Y Y P Q T G L K A F L
UniRef90_R9JEW9 N M T L P K L E A V L P L C R I K P A A L E M E C H P G F Q Q E E L F A Y A
UniRef90_G6EZX4 N F L P E H L D T I K E T G V T P C L N N Q Q I E L H P Y F A Q Q E T Q R A Y N
UniRef90_UPI0004272DFB N F L P E H L E T L E K K T G V L P D V N N Q I E L H P Y F P Q Q T E Q L A Y D
UniRef90_C3Q847 N F L P H H L E A L L D R A T V K P M V N N Q I E E F H P G F M Q R E C T D F C
UniRef90_W2QUT3 N F G E A H L E A L L N T V K V K P A V N N Q Q I E H P W L M R P T L V R Y C
UniRef90_X5DBR3 N F E D H Q I D E L L G Y A T I K P A V N N Q I E T H A F F Q Q S K A R K S L

	210	220	230	240
UniRef90_A3LZK0	K E K N I	V I E A Y S	P L L G	S T D A P L F K N E T I A A I A K K
UniRef90_S7R179	E E H A I	A L E A W A	P L G	L V R G L R F G H P D I A R L A T K
UniRef90_M5AGK4	T D N D I	V N E A Y S	P L G G H L L L	Q D A T L T N K I A E A K
UniRef90_I1BJ26	Q S K G I	H V T A Y S	P L G S T Q S T L L	Q D A T L T N K I A E A K
UniRef90_R4W839	Q D R D V	T V V I G Y S	P L A R	G N V L D D D T I G A I A E K
UniRef90_V5E5C5	H A H G V	T L Q A W S	P F G S S Q N V A K Y L E	G T V L N N P M I D K M A K H
UniRef90_X0PK15	K A Q N I	V T Q A W S	P L G R	G R F F E N E T I Q R L A K K
UniRef90_R9P365	R S N G I	E M E C W G	P L G	L V R A E R F G H P V I L Q I A K K
UniRef90_UPI00047EA778	A Q H T I	Q V V I A W S	P L G R	G R F F E N E T I Q R L A K K
UniRef90_F0XBT4	R E R G I	H I M A Y S	P F G S T G G P L F T A E P	L V Q T A A K
UniRef90_F9G5H0	T S E N I	K V T A Y S	P L A N T N P T Y N P D I	P S L L H D E F W N K L A A S
UniRef90_R6P2L3	N K N G I	L V E A W S	P L A H	G E A L K N N D I T A M A E K
UniRef90_S0NR08	A S K N I	I T E A W S	P L A G R A T E L L K	H P V L K E I A V R
UniRef90_D7GIC5	K E L G I	V T E A W S	P L A R	G V V L S D P T I D R I A G E
UniRef90_UPI000462D695	R R R N I	V T E A Y S	P L A	K G E A L S H P N I T A M A E K
UniRef90_C1EGK3	R L H Q V	H V T A F S	P L G S Y V E M G W T K R T E	G A I N E A C V I K A A A Q A
UniRef90_UPI0002E8C53C	T S K G I	V T Q A W S	P L G	R A S S V I D D E N L V E I A T K
UniRef90_C7ZGZ8	K E N G I	H I T A Y S	A F G N N	S I N E P L L I E N D T I R E I A A K
UniRef90_W7C2W6	E E H D I	L T E A W S	P L S	R T K T V T N D K T L K Q L A K D
UniRef90_UPI00040D1848	K E H D I	I T E S W S	P L S	R A R T V I Y D E T L K Q L A E N
UniRef90_R5S9Z1	A K Y G I	Q V E C W Y	P L G G A Q S Q G L L L	H D P V I K K I A D A
UniRef90_S2J553	R S Q G I	Q V I J A Y A	S F G N A V F E A V P P	G T E N L M K H P V I V D I A K K
UniRef90_J3NZ96	K E K G I	H A S A Y S	P L G	S S S S P F G S N A A L K S I A E A
UniRef90_E3D8R3	K K H N I	A I E A Y S	P L A	R G R D L N I G D G V L I E T I A K N
UniRef90_UPI000249042C	T K D N V	K L E A W A	P L G Q	G N Q S L L T E G L V I Q D L A V K
UniRef90_I3R2W9	A D E D I	E I V A Y S	P L A R	G T V F D V D V L S D I A E K
UniRef90_U2E6X4	A E H G M	A L T E A Y S	P L A Q	G R V F S E P T L E R I A G K A
UniRef90_UPI0001CBB1D3	K D K G I	C V T E G Y C	P L A	L S Q G L A L E E P T I I Q E L A N K
UniRef90_I0YNNV4	R D Q N I	H V S A Y C	P L G T P W T S A K I R R A D P A S K H P V I N E I A K K	
UniRef90_UPI00035F1720	K K H D I	T L T A Y S	P V G E A R T T R K G C T P P P L L K H P V I M T I A K K	
UniRef90_M4H382	K E K G I	L I E A Y S	P L G S T N S P L F	K D E T L K V A K K
UniRef90_V5I4Z5	K K R N I	V I E A Y S	P L	L V Q A K R M N E P V L Q N L A K K
UniRef90_F8PUD8	K E K D I	L L V T A Y T	P T G Y E I	V R N D P I V V Q T I A K K
UniRef90_B8PDN7	K A H G L	L L E A Y S	P L G S S K Q V K E T L D	L P V V I L D L A K K
UniRef90_A0A024JKS1	K Q R G I	L I E A Y S	P L G S V G G P L L K E K G	I L D L A K K
UniRef90_D4M0R0	K Q T G I	Q V I E A W S	P I A G R	A R V L K E P L L M E L A E K
UniRef90_B9DSD6	K Q K D I	L I E A Y S	P I A H	G Q A L K D P T I K A I A D K
UniRef90_G2RL72	Q K N G I	L V E A Y S	P L A H	G A V L G N E E V K V I A D K
UniRef90_S2XH86	D A Q N I	L M E S W S	P L	L M N A Q I L D D A T K S V A D E K
UniRef90_R7PQR6	R L N R I	A V T A Y S	P L G	G G V N N L L Q D P L L K S I A E K
UniRef90_U2SAV8	Q S N D I	V V E A Y S	P L V A H	G A I L D N G E V A A I A A A R
UniRef90_F9JHF0	Q D H Q I	I T Q A W S	P L G R	G A V L G Q D V L K Q L A A Q
UniRef90_J7L7W0	E S E D I	L V E A Y S	P L A H G R M L E N T D	G A V L G Q D V L K Q L A A M A E R
UniRef90_K4IQQ2	D K Y G T	R I E S W G	P F A	E G R Q G M F T N P T L T E I G Q A
UniRef90_UPI00036A8081	R A H G I	V T E A W S	P L G G G R V L G A	E G R Q G M F T N P T L T E I G Q A
UniRef90_H0DG89	N A Q R I	V L E S W S	S L A R	G D A L T N N T I R E I S D K
UniRef90_M7CVW2	R K L G I	T V T G Y M	P L A	V G K V M E D E T L Q R I A S E N
UniRef90_UPI0002FF7E7A	E V Q N I	H A E S W S	P	L M N A Q L L E D D T K S I A S E
UniRef90_UPI000378D9A5	R S R G I	V L E A Y S	P	L R G T D L R D A A I S E I A R R
UniRef90_X5DIH1	T E N G V	Q M E S W G	P F A	E G K N N L F G N E L L A E I G A K
UniRef90_D1NU24	Q S Q G V	T V E A W S	P L G	G L N T K L I A D Q R L I E I G M K
UniRef90_E4RM36	K N N D I	V V T A S A	P L A R	T K V L K D D E L I K S L A Q K
UniRef90_H8L341	A A R D I	V T E S W S	P L A Q G G E V L D	D P G L K T I A A K
UniRef90_UPI000365F25C	K N H Q I	V T E A W S	P L G G S	G M N L S R P I R E L P L I S H L A E K
UniRef90_UPI0002F9B2F4	R E H G I	E V T A F M	P L A	V G K V M E D A T L K Q I A E R
UniRef90_UPI0004684BD1	A R H G I	L T E S W S	P L G	G G T G D L L S S P V L A E L A Q K
UniRef90_UPI0003B372A1	N D H N I	V V E G Y S	P M G H	G E V L D N E A I L S M A E K
UniRef90_L0EB52	N E L G V	H Q S W A	P F A	E G K N N L F S H E V L A R I A A K
UniRef90_B6WA29	K E N N I	I H Q A W S	P I A R G R S E L L E E F	V I K K L A N K
UniRef90_Q8ET73	Q E H Q I	A T E S W S	P L A R T N D V L D	H P V L Q Q L A S N
UniRef90_A0A009ZUD3	Q S K Q I	L T M A W S	P L A	R G S E V I K N E V L Q Q I A Q E
UniRef90_D5CRJ4	K A K G I	Q P E A W A	P F A E G R N N L F A	N P V L T E I A G K Y
UniRef90_C0NBL0	K Q R N I	V I E A Y S	P	L V Q A T K M G D P L I K K L A Q K
UniRef90_K0J0Q7	K E H G I	A V E A W S	P L G	K A T Y L D H P V L K E L A E K
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N F S T G Q I D E Q L I Q A S T E N P A V I N Q V I E K W S P F L Y P D A R Q R H I E H
N F T V A H L L R E A I E T V G A A Q I J A T N Q V I E E L H P Y L Q N R K V I A A F A
N F S C T K L S H L L Q I A T I R P A V N Q V I E I N V A W Q Q R T R K V L E Y C C
N Y G E K Q I M E L L A Y S P T R I L P S V N Q I E E V H P F N T Q R E A L L R A Q F
N F Q P D Q L R A I L D A T R G V V P A V N Q I I E V T P Y L T Q T E P A L L R A L H
N F N N E D L K N I L D A A E I K P V V N Q I I T Y H I G M T Q Q D V N Q P F T
N F Q P D R V I D L L S T L N S G F A P A L N Q I E T H P F H Q Q Q E S H D F L
N F N H F Q I E N I L N E P G L K Y K P V T N Q V I E C H P Y L T Q Q E K L I D Y C
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N F T C R K I E K L L V S A R I P A P A V N Q I V E M N P L W Q Q R K K L R A K F C C
N F T I R H L E Q A I A S V G A R E E I A T Q Q I E E L H P F L Q N R Q V A A F Y N
N Y S M I H L Q Y L A A T Q G A R E M P V V D Q L E R H P W L P R Q Q E T P M I K Y N
N Y G T H H L E E L E E Y K S T G S S S V I Q W E L H P W L P R Q Q D T V D W C C
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L V N Y D I F L I T R D C L A Y A K I K P A V N Q I I E T H P Y F H S L V K F C C C C
N F L P R H L Q P L L Q K A D I K P M I N Q I E I H P Y C Y H Q R E N V F C C C C
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N F S E A H L D K F L I K T V N K V K P A V N Q I E T H P W M M R P T E H K Y C
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N F T L A L M Q Q A I D V V I G A G E I A T N Q V E L H P Y L Q N R K V I A G F A
N L S V K D T L E L L L K T A K V V P A V N Q I E L H P L C A Q F E L L Q K Y C C
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N Y G K H H I D E L L A W E E L K H K P V V N Q I E I S P W V M Q Q D L A D Y C
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N F N A R Q I D D I S M A R H T P V V N Q V E C H P Y L S Q T D L L S H C C
N F M A E D L E T A I D V C D A P T A A N Q V E F H P L L P Q E L L R A C C
N F L P Q H L I R H V L K N A N T A P M I A N D Q F E H P G Y P O Y E T L R A C C
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210 220 230 240

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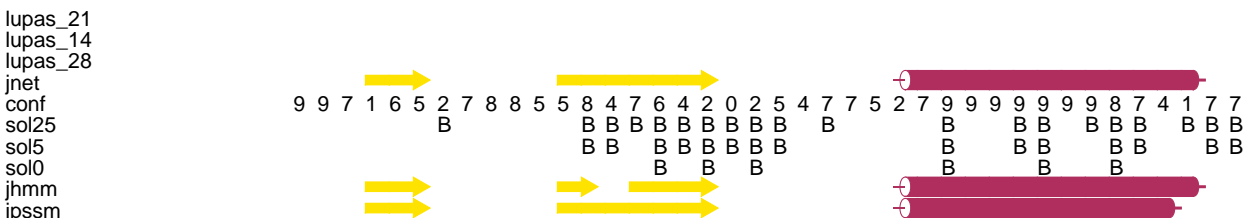
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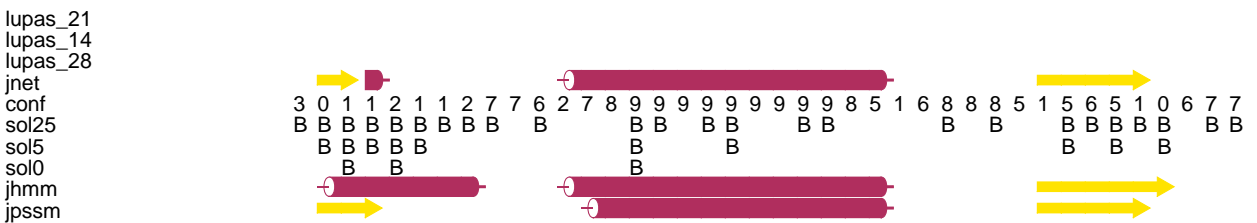
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		170		180		190		200																																			
UniRef90_G0VRI9	N	C	Y	A	W	Q	L	A	K	A	N	K	E	G	F	A	K	F	L	S	V	Q	N	H	Y	N	L	F	R	E	E	R	E	M	A	E	L	C					
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UniRef90_K9CK84	E	F	V	S	V	Q	N	H	W	N	L	I	F	R	E	E	R	E	M	L	P	Y	C	R	E	R	H	L	A	T	T	P	Y	S	A	L	A	S	G				
UniRef90_F4L1R9	N	E	A	P	W	G	L	Q	E	S	E	K	H	N	L	P	R	V	A	S	I	Q	N	P	Y	N	L	L	N	R	L	F	E	V	G	L	A	E	I	A			
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UniRef90_UPI000219758F	N	F	D	I	E	D	L	K	E	L	N	A	L	P	N	G	K	N	C	R	I	N	E	D	L	Y	N	G	S	R	G	I	E	Y	S	I	L	P	W	Q			
UniRef90_X0PCV0	N	F	D	T	D	D	M	Q	E	L	A	Q	A	N	V	Q	E	I	A	T	D	Q	V	L	Y	N	V	N	Q	R	G	P	E	Y	T	D	L	I	P	W	L		
UniRef90_UPI000455E617		F	S	E	K	T	L	K	E	L	L	Q	T			A	K	V	I	P	A	M	N	Q	I	E	M	H	P	F	L	A	Q	T	K	L	L	Q	F	C			
UniRef90_M2PEB2	S	C	W	A	Y	Q	F	H	A	M	Q	N	Y	A	I	N	N	N	L	T	P	F	I	S	M	Q	N	H	Y	R	E	E	R	E	R	E	M	F	P	T	L		
UniRef90_A0A017T8G4	N	F	D	V	I	G	D	L	E	Q	L	A	I	A	G	K	G	R	L	A	C	N	Q	V	L	H	L	Q	E	R	A	L	E	H	A	L	I	P	F	C			
UniRef90_A5W317	R	F	V	S	M	G	N	Y	L	N	L	I	Y	R	E	E	R	E	M	L	P	L	C	L	D	Q	G	V	G	L	M	P	W	S	P	M	A	R	G				
UniRef90_D4GG28	N	F	D	S	D	D	M	D	E	L	W	A	E	P	G	G	E	A	C	T	N	Q	V	L	H	L	A	S	R	G	I	E	Y	D	S	D	L	L	P	Q	C		
UniRef90_W9HD11	N	F	S	G	W	H	L	M	K	A	L	G	I	T	E	R	D	K	L	V	R	P	I	S	Q	Q	I	H	Y	R	E	A	E	Y	E	L	M	P	L	A			
UniRef90_X5Q3B1	N	F	S	G	W	G	L	M	K	A	G	R	Y	P	R	Y	V	A	H	Q	V	Y	S	L	V	G	R	D	Y	E	W	E	L	M	P	L	G						
UniRef90_S0EUQ8	N	L	L	G	R	G	I	E	K	D	V	I	P	V	C	E	R	E	G	I	G	Q	I	V	F	S	P	L	A	Q	G	V	L	T	G	K	Y	K	P	G			
UniRef90_F0YDD9	N	F	N	G	P	E	I	D	A	L	E	K	A	T	G	V	Q	P	E	V	N	Q	I	Q	Y	H	P	W	S	K	E	W	H	A	T	V	A	A	L				
UniRef90_S6JAZ4	N	E	T	P	W	F	L	Q	L	A	E	S	R	G	V	P	R	A	V	S	I	Q	N	P	Y	N	L	L	N	R	S	F	E	V	G	L	A	E	I	A			
UniRef90_R6P2W4	N	F	S	V	E	E	F	K	I	A	M	E	V	D	R	V	D	V	Y	Q	P	P			F	N	I	L	W	R	R	M	E	D	E	N	L	P	Y	C			
UniRef90_I4YN06	E	A	R	P	E	T	I	R	R	A	H	S	V	H			P	I	S	T	A	L	Q	T	E	F	S	L	L	R	Q	E	A	E	T	L	Q	T	T				
UniRef90_K9W6W1	E	A	A	P	A	T	I	R	R	A	H	Q	V	H			P	I	S	T	A	L	Q	T	E	F	S	L	L	R	Q	E	A	E	T	L	Q	T	T				
UniRef90_UPI0002625ED5	E	W	N	A	E	E	I	T	R	L	A	R	E	L	R	I	P	F	V	S	N	Q	P	Q	Y	N	M	L	W	R	V	T	E	A	Q	V	V	P	A	S			
UniRef90_L0DJV6	L	W	S	R	D	P	E	D	E	L	I	P	T	V	R	E	L	G	I	G	F	V	A	Y	S	P	L	G	R	G	F	L	T	G	Q	L	R	R	F	E			
UniRef90_B3QEP0	N	F	D	A	G	D	L	R	E	L	H	R	A	G	D	K	I	A	C	N	Q	V	L	Y	H	L	L	E	R	A	L	E	H	A	L	I	P	W	C	L			
UniRef90_A9NFM2	N	F	S	K	E	Q	L	D	Y	L	M	K	Y	A	N	T	K	P	M	M	N	Q	I	E	S			N	P	A	N	W	Q	Q	E	L	I	S	Y	C	C		
UniRef90_M5E7V7																	L	K	H	A	K	L	V	P	A	V	N	E	V	E	T	H	P	Y	N	Q	E	L	V	D	L	F	
UniRef90_W4CG07	L	W	S	R	D	I	E	E	I	L	P	T	V	R	E	L	G	I	T	H	V	A	Y	S	P	L	S	R	G	F	I	S	G	E	L	R	T	F	E				
UniRef90_G0L3U8	N	E	T	P	W	G	T	M	R	F	V	H	A	S	L	P	R	A	I	T	I	Q	N	P	Y	S	L	L	N	R	Q	F	E	V	G	L	S	E	I	S			
UniRef90_C9RTD8	E	W	T	A	Q	Q	I	Q	E	A	D	R	Y	L	L	D	R	I	V	N	Q	P	Q	Y	N	M	F	H	R	Y	I	E	K	E	V	L	P	V	C				
UniRef90_B2T2N1	N	F	S	G	W	H	L	M	K	A	G	R	Y	P	R	Y	I	A	N	Q	T	Y	Y	S	L	V	G	R	D	Y	E	W	E	L	M	P	L	G					
UniRef90_E3I718	E	A	S	P	A	T	L	R	R	A	H	K	E	F			P	I	S	A	L	Q	S	E	Y	S	I	W	E	R	G	V	E	E	G	V	L	A	T	C			
UniRef90_UPI00031C4E5C	N	F	N	I	E	L	T	R	Q	A	I	A	V			V	G	K	N	E	A	T	N	Q	I	E	L	S	P	Y	L	Q	N	P	K	L	T	A	F	L			
UniRef90_Q1JA6	N	F	S	G	W	H	L	M	I	S	E	K	G	W	S	R	Y	V	A	H	Q	V	Y	S	L	I	G	R	D	Y	E	W	E	L	M	P	L	G					
UniRef90_I6ZNY1	N	F	A	A	W	N	L	Y	K	A	K	E	R	N	F	L	G	I	T	I	S	E	Q	S	I	Y	S	L	R	N	R	N	I	E	L	E	V	I	P	A	C	C	
UniRef90_A6GVQ7	N	E	N	P	W	G	L	M	Q	S	E	K	H	N	L	P	K	I	A	T	I	Q	N	P	Y	S	L	L	N	R	L	F	E	V	G	L	S	E	D	C			
UniRef90_G5SWE7	Q	N	R	S	M	M	A	R	W	H	E	N	L	F	P	V	L	E	E	L	G	V	G	F	V	A	F	S	P	L	A	N	G	L	T	L	C	Y					
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UniRef90_W7BAM4	S	M	Y	T	F	Q	F	Q	K	A	N	Y	I	A	E	K	N	G	W	T	K	F	V	S	M	Q	N	H	Y	R	E	E	R	E	M	L	P	Y	C				
UniRef90_X8JNR2	N	F	R	V	K	D	L	M	A	V	L	E	V	A	K	V	L	P	S	V	N	Q	I	E	M	H	P	Y	V	L	A	S	I	Q	P	V	L	E	C	C			
UniRef90_X6NDZ0	N	F	N	S	K	Q	I					L	H	I	K	N	G	K	I	R	P	A	V	L	Q	C	E	S	H	P	Y	M	T	Q	E	K	L	I	K	F	C		
UniRef90_UPI000440E120	S	C	Y	A	Y	Q	F	N	A	M	Q	N	A	I	T	H	N	L	T	P	F	I	S	M	Q	N	H	Y	R	E	E	R	E	E	R	E	M	P	S	L			
UniRef90_E0IES9	N	W	P	A	W	M	A	A	Q	A	V	Q	M	K	D	R	G	W	A	F	L	N	G	M	Y	R	D	E	J	E	H	E	I	T	P	S	M						
UniRef90_W0ZBF0	S	M	W	A	W	Q	F	A	R	M	H	V	G	W	T	P	F	V	S	M	Q	D	Q	Y	N	P	I	M	R	E	E	E	R	E	M	H	P	F	C				
UniRef90_W4DIK2	N	A	P	I	D	Y	M	K	R	A	H	A	V			C	S	I	T	A	T	Q	N	Q	Y	S	M	M	W	R	E	P	E	K	E	L	F	E	L	C			
UniRef90_R2TEY8	L	W	S	R	D	I	E	E	V	E	L	P	V	L	E	I	E	I	G	L	V	S	Y	S	P	L	G	R	G	L	T	G	K	L	N	K	N	T					
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UniRef90_A3ZXX5	N	F	S	G	W	H	L	M	K	S	L	A	V	S	E	K	Y	G	L	S	R	Y	V	A	H	Q	A	Y	R	D	Y	E	W	E	L	M	P	L	A				
UniRef90_C3BLD1	E	W	T	A	E	Q	I	A	T	L	S	R	E	L	N	I	P	L	I	A	S	Q	P	E	M	S	M	L	W	R	V	I	E	T	D	V	I	P	T	C			
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UniRef90_E6S7S5	E	W	T	A																																							

			290		300		310																									
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UniRef90_U2Z473	L	S	A	D	E	L	T	R	L	E	A	V	S	R	P	P	E	L	Y	P	L	W										
UniRef90_W1N9I8	L	S	D	E	V	L	E	A	I	D	A	I	H	T																		
UniRef90_A1WZD6	L	D	G	A	L	L	Q	E	I	D	T	L	H	Q																		
UniRef90_K9CK84	L	T	A	D	E	I	A	Y	L	E	E																					
UniRef90_F4L1R9	L	S	A	E	V	L	K	E	I	E	A	V	H																			
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UniRef90_X0PCV0	L	S	P	A	E	L	K	T	L	D	G	I																				
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UniRef90_M2PEB2	L	T	D	E	E	V	K	Y	L	E	E	P	Y	K	P	L	R	T	A	G												
UniRef90_A0A017T8G4	L	S	P	E	E	Q	L	R	L	E	T																					
UniRef90_A5W317	L	S	E	D	E	V	A	R	L	Q	A																					
UniRef90_D4GG28	L	S	D	E	A	C	F	L	I	D	K	A	F	P	P	P	R	H	K	M	P	L	D	V	V							
UniRef90_W9HD11	L	S	Q	E	E	R	S	R	L	D	E																					
UniRef90_X5Q3B1	L	T	A	E	Q	M	K	L	D	T																						
UniRef90_S0EUQ8	L	S	P	D	I	L	K	A	I	D	E																					
UniRef90_F0YDD9	L	S	A	D	E	M	R	R	I	E																						
UniRef90_S6JAZ4	L	S	D	E	V	L	A	G	I	E	A	I	H	K	E	Q																
UniRef90_R6P2W4	M	E	Q	S	D	F	E	K	I	N	T	L	S	K	D	F																
UniRef90_I4YN06	L	S	A	E	D	V	L	H	I	S	E																					
UniRef90_K9W6W1	L	T	Q	A	E	L	Q	R	I	D	E																					
UniRef90_UPI0002625ED5	L	D	A	D	L	L	T	E	I	D	S																					
UniRef90_L0DJV6	L	T	R	E	D	L	E	R	I	N	E																					
UniRef90_B3QEP0	L	S	E	E	E	I	D	A	I	D																						
UniRef90_A9NFM2	L	S	L	E	D	M	R	K	I	E	E																					
UniRef90_M5E7V7	L	T	D	A	Q	M	E	R	I	R	R	L	S	R	H	C	R	F	C	A	V	Y	D									
UniRef90_W4CG07	L	M	K	E	D	L	E	R	I	D																						
UniRef90_G0L3U8	L	S	E	E	V	L	K	G	I	D	E	I	H																			
UniRef90_C9RTD8	L	S	E	D	V	L	E	K	I	E	G	I																				
UniRef90_B2T2N1	L	T	P	E	Q	M	A	K	L	D	A																					
UniRef90_E3I718	L	S	A	D	D	L	A	A	L	D	E																					
UniRef90_UPI00031C4E5C	L	D	A	D	D	M	A	A	I	A	A	L	D	R	N	G	R	E	V	N	P	P										
UniRef90_Q1IJA6	L	S	T	E	Q	V	R	R	L	D	A																					
UniRef90_I6ZNY1	L	D	E	D	T	L	K	K	L	D	E	I																				
UniRef90_A6GVQ7	L	T	D	A	V	L	S	E	I	N	K	I																				
UniRef90_G5SWE7	L	T	T	E	E	I	R	R	I	D	A																					
UniRef90_Q65UR6	L	T	Q	Q	Q	L	A	R	L	N	N																					
UniRef90_W7BAM4	L	T	L	D	D	Q	T	Y	L	E	N	P	Y	V	P	H	K	I	V	G												
UniRef90_X8JNR2	L	S	N	E	E	L	R	S	I	E	T																					
UniRef90_X6NDZ0	L	S	D	E	E	M	R	H	V	G	S	L	N	R	N	W	R	A	C	L	P	S	R	D	D	K	H	S	F	W	P	F
UniRef90_UPI000440E120	L	S	P	E	D	I	K	Y	L	D	E																					
UniRef90_E0IES9	L	T	T	E	E	I	A	K	L	N	L	L	T	R	P	Q	P	L	Y	P	N	W	F	T								
UniRef90_W0ZBF0	L	T	A	D	E	V	A	R	I	E	A	P	Y	T	P	R	R															
UniRef90_W4DIK2	L	T	K	E	D	V	D	R	L	N	E																					
UniRef90_R2TEY8	F	S	P	D	E	R	V	I	I	S	K	A	L	E	Q	I	R	I	V	G	D											
UniRef90_UPI0003629C30	L	T	D	D	V	K	A	E	I	D	S																					
UniRef90_A3ZX55	L	T	A	E	Q	I	A	R	L	D	A																					
UniRef90_C3BLD1	L	K	P	E	I	M	N	Q	I	D	K	V	L	E	G	F																
UniRef90_U9T855	L	T	P	K	E	L	L	E	V	R	Q	I																				
UniRef90_W9W6N0	L	L	E	K	E	V	A	L	I	S	R	F	G	A	E	K	H	F	R	G	R	W	N	D	K	F	A	P	D			
UniRef90_T1A152	L	S	K	D	D	L	R	E	I	E																						
UniRef90_M0CYH2	L	S	A	S	D	V	A	Y	L	E	E	P	Y	E	P	Q	P	I	I	G												
UniRef90_E6S7S5	L	A	P	E	L	M	A	L	V	D	E																					
UniRef90_E8NCL8	L	D	A	D	T	L	A	A	I	D	E																					
UniRef90_D2QMC8	L	T	T	E	Q	V	K	R	L	D	A																					
UniRef90_K6A296	L	S	P	E	Q	V	K	R	L	D	M	A	S	Q	T	T	P	I	Y	P	Y	W	H	Q	A	Q	F	P	E			
UniRef90_UPI000378EAC9	M	D	K	E	L	D	F	V	D	K																						
UniRef90_M0BCP2	L	L	S	S	D	L	E	Y	I	A	E																					
UniRef90_W0RCC7	L	T	A	D	D	L	A	R	L	D	A	V	G	Q	G	E	R	Y	A	D	M	S	S									
UniRef90_G4Z4Z8	L	T	P	A	Q	I	A	K	L	A	A	L	D	E																		
UniRef90_H8XRJ9	L	T	D	E	V	L	N	E	I	N	K	I																				
UniRef90_UPI000471BB17	L	G	E	D	E	L	V	A	I	D	K	L																				
UniRef90_B8H798	L	E	P	D	V	L	K	K	I	D																						
UniRef90_K1TB66	L	S	A	E	D	M	A	R	I	A	A	L	D	T	K																	
UniRef90_W7IX60	L	D	A	D	L	L	K	A	I	D	G																					
UniRef90_C9A772	L	T	A	E	E	L	A	Y	L	E	E																					
UniRef90_D0LJ26	L	S	D	E	D	K	A	R	I	E																						
UniRef90_X8IY17	L	T	E	E	E	T	K	Q	L	E	E																					
UniRef90_H5XCT0	L	S	A	D	D	L	R	E	I	E	E																					
UniRef90_UPI0003623EE1	L	G	D	E	V	L	E	A	I	E	T	I	H	T	R	H																
UniRef90_UPI0004146EEB	I	P	A	E	L	M	T	A	I	D	E																					
UniRef90_B8KIT2	L	S	K	E	L	L	G	K	I	E	E	I	H	Q	Q	Y	R	I	P	A	P											

