

QUERY UniRef90\_Q7M0U9 UniRef90\_P83544 UniRef90\_UPI00036A6288 UniRef90\_L8PRC0 UniRef90\_S5V6I0 UniRef90\_UPI00029AF9B2 UniRef90\_L8EKX8 UniRef90\_Q7M0V0 UniRef90\_F3NES0 UniRef90\_P80600 UniRef90\_P80597 UniRef90\_O33702 UniRef90\_L7F5G0 UniRef90\_G2GIQ5 UniRef90\_UPI0002DDEAB8 UniRef90\_UPI00031BE78A UniRef90\_UPI00037B6B07 UniRef90\_L1KMF5 UniRef90\_Q9ZA15 UniRef90\_P80596 UniRef90\_UPI000368D27D UniRef90\_UPI000287BC05 UniRef90\_UPI000361F473 UniRef90\_S0H0P4 UniRef90\_I2N0H4 UniRef90\_V6KUK9 UniRef90\_UPI0003601C0A UniRef90\_B1VRG2 UniRef90\_NOD688 UniRef90\_UPI000369FEC5 UniRef90\_S3Z8X5 UniRef90\_K4QWL8 UniRef90\_B5H6J2 UniRef90\_S3BC49 UniRef90\_L8P4T7 UniRef90\_A0A024YP90 UniRef90\_V6JFU7 UniRef90\_G2NVV0 UniRef90\_A0A024Y148 UniRef90\_D9WDQ5 UniRef90\_UPI00046486BF UniRef90\_E2Q070 UniRef90\_UPI0003C7666F UniRef90\_A0A022ML08 UniRef90\_S3ZDC4 UniRef90\_S4A7Q9 UniRef90\_P29606 UniRef90\_D9VW33 UniRef90\_G8WMZ6 UniRef90\_K4R0F4 UniRef90\_V6L022 UniRef90\_UPI0003733F72 UniRef90\_UPI0003631813 UniRef90\_UPI0003664ECD UniRef90\_A0A022MIV0 UniRef90\_D9VMY7 UniRef90\_UPI000289E094 UniRef90\_F8K0M1 UniRef90\_UPI00029A6FC8 UniRef90\_UPI00037D36F9 UniRef90\_Q9FDS0 UniRef90\_F2R235 UniRef90\_L8PIR2 UniRef90\_S2Z930 UniRef90\_D7BR41 UniRef90\_UPI000367C40C UniRef90\_H1ZZL7 UniRef90\_H2K630 UniRef90\_UPI00030ECC71 UniRef90\_G8S9U4 UniRef90\_D1A611 UniRef90\_UPI000369334E UniRef90\_K0EUUV7 UniRef90\_D9VW55 UniRef90\_UPI000405F58D UniRef90\_UPI0002DF8156 UniRef90\_UPI000462F0CA UniRef90\_O06871 UniRef90\_UPI000349490B UniRef90\_W5W2V6 UniRef90\_UPI00036C19DD UniRef90\_I0H136 UniRef90\_S3ZD91 UniRef90\_C7MQA1 UniRef90\_UPI0004645C82 UniRef90\_UPI00035D1FD8 UniRef90\_M2Y2Q4 UniRef90\_UPI00047A5670 UniRef90\_UPI00034C3509 UniRef90\_D2AZ03 UniRef90\_UPI0002379F7F

QUERY	50	60	70	80
UniRef90_Q7M0U9	G S A C	A D L L	A A V G	G G D F
UniRef90_P83544	R G A C	A D Q L	R R A V	G G D F
UniRef90_UPI00036A6288	R S A C	A D E L	R N G A	V G G D
UniRef90_L8PRC0	S S A C	A E E L	R G V N	G G D F
UniRef90_S5V6I0	G R A C	A E E L	R G V N	G G D F
UniRef90_UPI00029AF9B2	E E A C	A G E L	H A N G	G D F N
UniRef90_L8EKX8	R A A C	A E E L	R T A N	G D F N
UniRef90_Q7M0V0	A L A C	A E E L	R A A G	G D F N
UniRef90_F3NES0	A E A C	A E E L	R T V D	G D F N
UniRef90_P80600	S G A C	A Q L R	L S N G	G D F D
UniRef90_P80597	R D A C	A Q L R	R Q A D	G D F D
UniRef90_O33702	L G A C	A T Q L	R A V A	G D F D
UniRef90_L7F5G0	A K A C	A E E L	R A V G	G D F D
UniRef90_G2GIQ5	R S A C	A E E L	R G A G	G D F D
UniRef90_UPI0002DDEAB8	Q D A C	A E R L	R A S G	G D F D
UniRef90_UPI00031BE78A	A S A C	A E L R	R G A G	G D F D
UniRef90_UPI00037B6B07	E G A C	A G E L	R Q S R	G D F D
UniRef90_L1KMF5	A D A C	A E L R	R A G S	G D F D
UniRef90_Q9ZA15	Q E A C	V L L L	G D A G	G D F D
UniRef90_P80596	R A A C	D Q L R	N A V D	G D F F
UniRef90_UPI000368D27D	R A A C	R E L R	N T V D	G E F F
UniRef90_UPI000287BC05	A L A C	A E L R	R A V G	G D F F
UniRef90_UPI000361F473	A A A C	A E L R	R G I A	G D F D
UniRef90_S0H0P4	Q A A C	A Q L R	R T V A	G D F D
UniRef90_I2N0H4	A D A C	R E L R	R A V G	G D F F
UniRef90_V6KUK9	A Q A C	A E L R	S G V G	G D F F
UniRef90_UPI0003601C0A	R A A C	A E L R	R A Q A	G R F F
UniRef90_B1VRG2	A A A C	K E L R	A A V Q	G K F F
UniRef90_N0D688	E A A C	K E L R	E S V G	G R F F
UniRef90_UPI000369FEC5	V A A C	A E L R	A A V H	G D F F
UniRef90_S3Z8X5	P G A C	H Q L R	M V G G	K F D K
UniRef90_K4QWL8	A A A C	A E L R	R A A Q	G D F D
UniRef90_B5H6J2	K A A C	A E L R	R A A E	G A F D
UniRef90_S3BC49	R E A C	A Q L R	R A A N	G D F D
UniRef90_L8P4T7	R R A C	R E L R	D R A V	G S Q L
UniRef90_A0A024YP90	L T A C	R E L R	D R A V	G S Q L
UniRef90_V6JFU7	A G A C	A E L R	K E N G	A K F D
UniRef90_G2NVV0	A K A C	A E L R	R S V G	G T F F
UniRef90_A0A024Y148	E A A C	A A L R	R S T V	G G T F
UniRef90_D9WDQ5	A R A C	A E L R	R A V N	G E F S
UniRef90_UPI00046486BF	E Q A C	A E L R	A A A D	G D F F
UniRef90_E2Q070	R A A C	R E L R	T A V N	G D F F
UniRef90_UPI0003C7666F	K S A C	A E L R	R R V D	G D L D
UniRef90_A0A022ML08	A E A C	A Q L R	D S A R	G D L R
UniRef90_S3ZDC4	R A A C	A E L R	R S V E	A K F D
UniRef90_S4A7Q9	A R A C	A E L R	D A A G	G D F D
UniRef90_P29606	E K A C	A A L R	R E A G	G D F A
UniRef90_D9VW33	K A A C	T A L R	N S T G	G T F D
UniRef90_G8WMZ6	Q L A C	K A L E	G A H G	K L D A
UniRef90_K4R0F4	A E A C	G Q L A	A A V Q	G D I A
UniRef90_V6L022	A E A C	G G L A	A A A N	G D I A
UniRef90_UPI0003733F72	A A A C	D Q L R	R S A H	G D I R
UniRef90_UPI0003631813	A E A C	D V L R	A R A D	G D V D
UniRef90_UPI0003664ECD	P D A C	A E L R	R T V G	G D F D
UniRef90_A0A022MIV0	A D A C	A E L R	R A A D	G D L A
UniRef90_D9VMY7	A A A C	A E L R	R A T G	A S L D
UniRef90_UPI000289E094	A E A C	A Q L R	R T A H	G D L G
UniRef90_F8K0M1	A D A C	A E L R	N A A Q	G D F A
UniRef90_UPI00029A6FC8	Q A A C	A E L R	A A T N	G D F G
UniRef90_UPI00037D36F9	A E A C	A Q L R	D A A G	G D F G
UniRef90_Q9FDS0	R A A C	D A L R	N A T D	G E L N
UniRef90_F2R235	E A A C	A E L R	K A T A	G A F D
UniRef90_L8PIR2	A E A C	A D L R	E R V G	G D F R
UniRef90_S2Z930	A E A C	D E L R	A A V G	G D I S
UniRef90_D7BR41	D R A C	A E L R	R A V N	G D F F
UniRef90_UPI000367C40C	G G T C	A A L R	S A Q V	N G D F
UniRef90_H1ZZL7	A A A C	A E L R	T A A Q	G D F D
UniRef90_H2K630	S E A C	A E L R	T A A G	G A F D
UniRef90_UPI00030ECC71	A E T C	A A L R	D A A H	G D L D
UniRef90_G8S9U4	A Q A C	A E L R	G R V G	A D P R
UniRef90_D1A611	A Q A C	A D L R	D R S G	G R F D
UniRef90_UPI000369334E	V G A C	A A I L	A K A G	G D F D
UniRef90_K0EUV7	D G A C	A A L R	I G A G	G D F D
UniRef90_D9VW55	R A A C	D A L R	G A T G	G K L E
UniRef90_UPI000405F58D	V R A C	G D L R	E E S G	G R I E
UniRef90_UPI0002DF8156	E S A C	A E L R	A A T G	G D L E
UniRef90_UPI000462F0CA	L A A C	A E L R	A A A G	G D F D
UniRef90_O06871	A A A C	A E L R	A A K V	N G Q F
UniRef90_UPI000349490B	A E A C	D S L R	T E A G	G H F E
UniRef90_W5W2V6	V D S C	S E L R	S A V G	G D F F
UniRef90_UPI00036C19DD	L R A C	A E L R	A A S G	G E F E
UniRef90_I0H136	A E A C	A T L R	R T I D	A D P D
UniRef90_S3ZD91	R S A C	A E L R	G A R N	G T F E
UniRef90_C7MQA1	D S A C	S A L R	E Q V D	G D F E
UniRef90_UPI0004645C82	E E A C	A D L R	T A A D	G R I T
UniRef90_UPI00035D1FD8	E A A C	A D L R	R N S G	G D L E
UniRef90_M2Y2Q4	T K A C	D R L R	R E V D	G D F S
UniRef90_UPI00047A5670	T V A C	E Q L A	A A V H	G E F F
UniRef90_UPI00034C3509	A E A C	A A L R	E S A G	G D F S
UniRef90_D2AZ03	V A A C	E S L R	A R V G	G D F S
UniRef90_UPI0002379F7F	S V A C	D E L R	H R V E	G K F E

QUERY	90	100
UniRef90_Q7M0U9	Q Q G K R V S Y E R T F S N D C C E M N A H G S S V F A F	Q Q G K R V S Y E R T F S N D C C E M N A H G S S V F A F
UniRef90_P83544	E G G Q R V S Y E E H T F S N E P C C E M K A Y G T G T V F S F	E G G Q R V S Y E E H T F S N E P C C E M K A Y G T G T V F S F
UniRef90_UPI00036A6288	R G G Q R V S Y E E R T F S N E C C V M N A H G S S G V F F T F	R G G Q R V S Y E E R T F S N E C C V M N A H G S S G V F F T F
UniRef90_L8PRC0	Q Q G Q R V S Y E E R T F S N E C C V K S S Y T S S S L F A F	Q Q G Q R V S Y E E R T F S N E C C V K S S Y T S S S L F A F
UniRef90_S5V6I0	E G G K R V S Y E E R T F G N S C C A K D A L D S S S V F A F	E G G K R V S Y E E R T F G N S C C A K D A L D S S S V F A F
UniRef90_UPI00029AF9B2	E G G K R V S Y E E R T F G N S C C L L Q A E G G S S V F S F	E G G K R V S Y E E R T F G N S C C L L Q A E G G S S V F S F
UniRef90_L8EKX8	Q Q G R R V A Y E E H T F A N E P C C A M E A G K G G V V F E F	Q Q G R R V A Y E E H T F A N E P C C A M E A G K G G V V F E F
UniRef90_Q7M0V0	Q Q G K R V S Y E E R T F A N E P C C V K N A S G S S V F A F	Q Q G K R V S Y E E R T F A N E P C C V K N A S G S S V F A F
UniRef90_F3NES0	R G K R L S Y E E R T F A N E P C C V K N A Y G P A V F A F	R G K R L S Y E E R T F A N E P C C V K N A Y G P A V F A F
UniRef90_P80600	E G R R V S F E E H T F A N P C C E M K A G K G T V F E F	E G R R V S F E E H T F A N P C C E M K A G K G T V F E F
UniRef90_P80597	E G G Q R V S Y E E H T F G N P C C E M A K A A K S T V F S F	E G G Q R V S Y E E H T F G N P C C E M A K A A K S T V F S F
UniRef90_O33702	Q Q G K R V S Y S Y T F A N R P C C E M N I D S D T V F N F	Q Q G K R V S Y S Y T F A N R P C C E M N I D S D T V F N F
UniRef90_L7F5G0	R G Q R V A Y E E R T F A N E C C V K S T F G G E A V F T F	R G Q R V A Y E E R T F A N E C C V K S T F G G E A V F T F
UniRef90_G2GIQ5	Q Q G R R V S Y E E R T F A N E C C V K G S Y G T S S L F A F	Q Q G R R V S Y E E R T F A N E C C V K G S Y G T S S L F A F
UniRef90_UPI0002DDEAB8	Q Q G E R V N Y E E H T F A N A C C Q K R I E G S S V F A F	Q Q G E R V N Y E E H T F A N A C C Q K R I E G S S V F A F
UniRef90_UPI00031BE78A	Q Q G R H V S Y E E R T F A N E C C V K N A G S A G V F T F	Q Q G R H V S Y E E R T F A N E C C V K N A G S A G V F T F
UniRef90_UPI00037B6B07	Q Q G K R V S Y E E R V I A N D E C C V K K S Q G S R V F S F	Q Q G K R V S Y E E R V I A N D E C C V K K S Q G S R V F S F
UniRef90_L1KMF5	Q Q G K R V A Y E E R T F A N E C C V R K D S A T T V L F A F	Q Q G K R V A Y E E R T F A N E C C V R K D S A T T V L F A F
UniRef90_Q9ZA15	Q Q G R F V D Q E E R T F G N E C C V M R A E T G A V F D F	Q Q G R F V D Q E E R T F G N E C C V M R A E T G A V F D F
UniRef90_P80596	D G G H R V S Y E E H K F A N P C C M A S D G K G V V F E F	D G G H R V S Y E E H K F A N P C C M A S D G K G V V F E F
UniRef90_UPI000368D27D	Q Q G K R V D W S A T Y G N S C C E M R M N G S A V F A F	Q Q G K R V D W S A T Y G N S C C E M R M N G S A V F A F
UniRef90_UPI000287BC05	Q Q G K R V A Y E E R T F A N E C C V K N A G A S S V F G F	Q Q G K R V A Y E E R T F A N E C C V K N A G A S S V F G F
UniRef90_UPI000361F473	Q Q G K R V S Y E E R V I F S N E C C V K D S Y G G G V F T F	Q Q G K R V S Y E E R V I F S N E C C V K D S Y G G G V F T F
UniRef90_S0H0P4	Q Q G R R V S Y T H T F A N S C C E M T A G K S S V F E F	Q Q G R R V S Y T H T F A N S C C E M T A G K S S V F E F
UniRef90_I2N0H4	E G R R V A W S G T Y N N S C C E M A A T L G I V F E F	E G R R V A W S G T Y N N S C C E M A A T L G I V F E F
UniRef90_V6KUK9	E G G K R V A Y E E R T F G N A C C M R D A T V G G V F A F	E G G K R V A Y E E R T F G N A C C M R D A T V G G V F A F
UniRef90_UPI0003601C0A	E G K R V A Y R H T F G N P C C M K G S A K G V L F A F	E G K R V A Y R H T F G N P C C M K G S A K G V L F A F
UniRef90_B1VRG2	Q G R Q V R F S T T Y G N A C C E M A G S T N A V F A F	Q G R Q V R F S T T Y G N A C C E M A G S T N A V F A F
UniRef90_NOD688	H G K R V T F S T T Y G N A C C E L A M N D S A V Y S F	H G K R V T F S T T Y G N A C C E L A M N D S A V Y S F
UniRef90_UPI000369FEC5	E G R R V T F A R T F G N P C C M L R S D T A G V F A F	E G R R V T F A R T F G N P C C M L R S D T A G V F A F
UniRef90_S3Z8X5	E G R R V N Y E H T F A N E P C C A L T A G Q G Q V F N F	E G R R V N Y E H T F A N E P C C A L T A G Q G Q V F N F
UniRef90_K4QWL8	R G Q R V S Y E E R T Y S N E C C V K S S L G A S V F A F	R G Q R V S Y E E R T Y S N E C C V K S S L G A S V F A F
UniRef90_B5H6J2	N G T R V E Y A H T F G N S C C I R S S G S G V L F D F	N G T R V E Y A H T F G N S C C I R S S G S G V L F D F
UniRef90_S3BC49	Q G E R V D H T R T F A N A C C A K D T E G S A V F S F	Q G E R V D H T R T F A N A C C A K D T E G S A V F S F
UniRef90_L8P4T7	R G T R V N Y E H T F P N A C C I K E T Q G A S V F A F	R G T R V N Y E H T F P N A C C I K E T Q G A S V F A F
UniRef90_A0A024YP90	Q G R R L H Y T Y T F A N P C C G L R N T T G A S V F G F	Q G R R L H Y T Y T F A N P C C G L R N T T G A S V F G F
UniRef90_V6JFU7	E G K R V A Y V H T F S N S C C A M N G G R G A V F T F	E G K R V A Y V H T F S N S C C A M N G G R G A V F T F
UniRef90_G2NVV0	D G R R V S Y E H T F A N N C C F K S A A P T M V F E F	D G R R V S Y E H T F A N N C C F K S A A P T M V F E F
UniRef90_A0A024Y148	E G R R V A W D H T F A N C C C T M A A T D G A V F A F	E G R R V A W D H T F A N C C C T M A A T D G A V F A F
UniRef90_D9WDQ5	D G Q R V S Y E H T F A N N C C L K N A A V T Q L Y E F	D G Q R V S Y E H T F A N N C C L K N A A V T Q L Y E F
UniRef90_UPI00046486BF	Q G R R V D W S E T Y G N A P C C E L R A R T A A V F A F	Q G R R V D W S E T Y G N A P C C E L R A R T A A V F A F
UniRef90_E2Q070	R G V R V D W T A S F N N A C C E M G A G G G A L Y A F	R G V R V D W T A S F N N A C C E M G A G G G A L Y A F
UniRef90_UPI0003C7666F	E G R S V S Y E E R T F G N Q C C V K N T Y G S V F A F	E G R S V S Y E E R T F G N Q C C V K N T Y G S V F A F
UniRef90_A0A022ML08	Q G R A V D Y T E T F A N G C C E M N A R T G D V E A L	Q G R A V D Y T E T F A N G C C E M N A R T G D V E A L
UniRef90_S3ZDC4	Q G K H V A W T T T F G N P C C M K N A A N G A L N F	Q G K H V A W T T T F G N P C C M K N A A N G A L N F
UniRef90_S4A7Q9	R G K P V T W R K T Y G N A C C E L E S G T G H V F R F	R G K P V T W R K T Y G N A C C E L E S G T G H V F R F
UniRef90_P29606	D G R R I D H A Q T F S N S C C E L E K Q T A S V Y A F	D G R R I D H A Q T F S N S C C E L E K Q T A S V Y A F
UniRef90_D9VW33	Q G S R V A W K H T F S N A C C S M N A T G N A V F A F	Q G S R V A W K H T F S N A C C S M N A T G N A V F A F
UniRef90_G8WMZ6	H G R P V S W E R T F S N S C C V L D A R T G S V F R F	H G R P V S W E R T F S N S C C V L D A R T G S V F R F
UniRef90_K4R0F4	N G R P V E Y T R T F G N A C C E M A A W T G A V F A L	N G R P V E Y T R T F G N A C C E M A A W T G A V F A L
UniRef90_V6L022	N G Q P I D Y Q K T Y S N K C C T M E A Q T G A V F A	N G Q P I D Y Q K T Y S N K C C T M E A Q T G A V F A
UniRef90_UPI0003733F72	Q G R A V D Y T E T F P N A C C V M R A R T G D V F A L	Q G R A V D Y T E T F P N A C C V M R A R T G D V F A L
UniRef90_UPI0003631813	N G R P V D Y E R T F G N D C C E R E A L T G A V F A L	N G R P V D Y E R T F G N D C C E R E A L T G A V F A L
UniRef90_UPI0003664ECD	Q G K R V S Y E E R T F A N E C C V K N A A M T S V F A F	Q G K R V S Y E E R T F A N E C C V K N A A M T S V F A F
UniRef90_A0A022MIV0	Q G R R V S F L H T Y A N A C C A K N A A L T S V F A F	Q G R R V S F L H T Y A N A C C A K N A A L T S V F A F
UniRef90_D9VMY7	E G R R V S Y E T Y T F G N P C C G L R S T T G V L F	E G R R V S Y E T Y T F G N P C C G L R S T T G V L F
UniRef90_UPI000289E094	N G R S V R Y E E H T F G N K C C E M G A M T G A V F A L	N G R S V R Y E E H T F G N K C C E M G A M T G A V F A L
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UniRef90_UPI00029A6FC8	K G E K V A W K H T F S N A C C V M S T T G S T V F S F	K G E K V A W K H T F S N A C C V M S T T G S T V F S F
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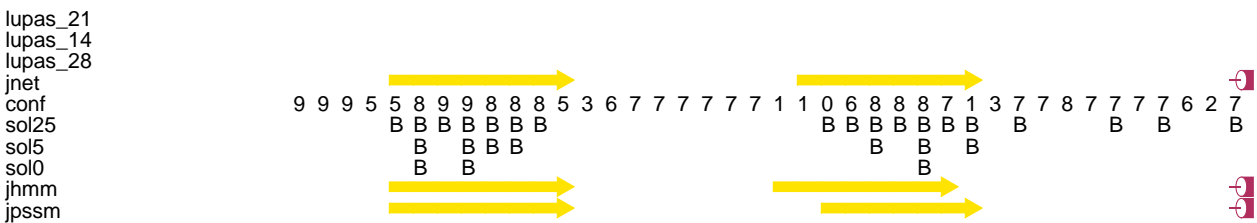


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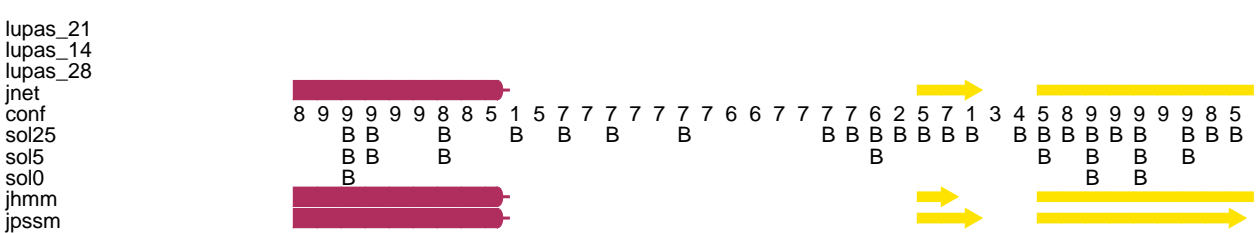
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