

QUERY	K	G	R	A	T	H	K	E	50	60	70	80
UniRef90_G2TE28	R	G	R	A	T	H	K	E	L	G	L	T
UniRef90_F5L402	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_U6BBM0	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_A3VW47	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_M2YE21	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_D3LKI0	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI0002EAFCAD	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_L0B4D1	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_B2UGJ7	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_D1C2Z1	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_D6CSV5	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_G7Z5P7	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_E6SIU6	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_A5PAM7	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI0003B6D22F	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_R6PPM8	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_R6SNU1	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_D4W7W1	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_S9P879	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI00047579FF	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_D4FZW5	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_R7KLN2	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_D0L0D1	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_D5C011	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_C3JA64	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_R5PZ90	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_Q21YT2	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_W2EFA1	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_I0JPL5	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_Q2IJB8	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI000255D8A4	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_F3YW52	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_S6AK26	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_C9RBQ6	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI00035EB2D1	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_M5IW71	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI0004769526	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_G4T398	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_K2L935	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI000225C0F8	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_A1WU54	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_Q82VV2	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_A4BI91	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_F9ZSN2	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_Q3SK33	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_A6FJT2	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_B8FZK0	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_Q5NL80	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_G9ZWS2	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_Q2BI19	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_Q2RHN0	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_K1LGK8	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI000477A2AB	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_J1K0V8	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI00047800B1	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_B7KV98	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI0003B7975D	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI00036D9C9B	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_D6ZZJ6	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI0004769364	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_D5WS25	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI000477D61F	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI0004726DFA	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_G4Q9X0	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_U1WWT9	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI00036C991C	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI00046EF833	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_R6HUY8	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_V4JTD6	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_R6CVX6	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI00047939B4	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI000312CF75	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_Q67QG7	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_UPI00036926B7	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_N6X789	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_W1Q1U0	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_R5PTF1	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_W0DHM1	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_K8GQF9	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_D3F0H9	R	G	R	A	T	H	K	E	L	L	L	L
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UniRef90_W4LQR2	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_Q5X1H4	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_B8DPN1	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_R6MY94	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_C8N818	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_A3JS36	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_C8W0F6	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_W2BWK1	R	G	R	A	T	H	K	E	L	L	L	L
UniRef90_G2IJF0	R	G	R	A	T	H	K	E	L	L	L	L

QUERY	L V L	A P K N D
UniRef90_G2TE28	M V M	A P K
UniRef90_F5L402	M F L	A P K T E
UniRef90_U6BBM0	L V L	A P K K E
UniRef90_A3VW47	M V I	G P
UniRef90_M2YE21	M V L	G P L K
UniRef90_D3LK10	M V V	A P
UniRef90_UPI0002EAFCAD	L M L	A P K N E
UniRef90_L0B4D1	M M L	S P K K
UniRef90_B2UGJ7	M M L	A P K K
UniRef90_D1C2Z1	M M L	S P K
UniRef90_D6CSV5	M V I	S P K K
UniRef90_G7Z5P7	M V L	A P R
UniRef90_E6SIU6	M V L	A P R P Q
UniRef90_A5PAM7	M V L	A P K
UniRef90_UPI0003B6D22F	M M L	S P S K E
UniRef90_R6PPM8	M F M	A P K S
UniRef90_R6SNU1	M F L	T E K
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UniRef90_UPI00047579FF	M V I	A P K K
UniRef90_D4FZW5	L M L	A P K N E
UniRef90_R7KLN2	M V L	A P K
UniRef90_D0L0D1	M V L	S P K K
UniRef90_D5C011	M V L	A P K K
UniRef90_C3JA64	M M L	A P K K
UniRef90_R5PZ90	M V L	A P K
UniRef90_Q21YT2	M M I	A P G K
UniRef90_W2EFA1	M I L	A P K P N
UniRef90_I0JPL5	L M L	S P L N E
UniRef90_Q2IJB8	M I L	A P N
UniRef90_UPI000255D8A4	M F L	A P K K
UniRef90_F3YW52	M M L	V P
UniRef90_S6AK26	M V L	S P K K
UniRef90_C9RBQ6	M I L	A P K
UniRef90_UPI00035EB2D1	M V L	A P T K N
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UniRef90_G4T398	M V M	G P K K
UniRef90_K2L935	M V L	A P R
UniRef90_UPI000225C0F8	M M L	A P L N E
UniRef90_A1WU54	M M M	S P R K
UniRef90_Q82VV2	M V L	S P K K
UniRef90_A4BI91	M V L	A P T K
UniRef90_F9ZSN2	M V I	A P R K
UniRef90_Q3SK33	M M L	A P K K
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UniRef90_B8FZK0	M I L	A P V K
UniRef90_Q5NL80	M V V	A P K
UniRef90_G9ZWS2	M V L	A P K
UniRef90_Q2BI19	M V I	A P K K
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UniRef90_UPI000477A2AB	M M I	A P K K
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UniRef90_UPI00047800B1	I V L	A P K A D
UniRef90_B7KV98	M I L	A P R
UniRef90_UPI0003B7975D	M I L	T P K Q
UniRef90_UPI00036D9C9B	M V L	G P T K
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UniRef90_UPI0004769364	M M V	A P T K
UniRef90_D5WS25	M I L	A P K Q
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UniRef90_UPI0004726DFA	M F I	S P K K
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UniRef90_E6W564	M M L	A P V K
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UniRef90_Q5X1H4	M V L	S P K K
UniRef90_B8DPN1	M M L	A P
UniRef90_R6MY94	M F L	A P K
UniRef90_C8N818	M V F	A P K K
UniRef90_A3JS36	M M I	G P
UniRef90_C8W0F6	M I L	A P K Q E
UniRef90_W2BWK1	M V L	A P
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UniRef90_R6NRZ2
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UniRef90_R5LPQ6
UniRef90_L7VYL5
UniRef90_Q11UK2

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UniRef90_R6DK36	RGREEMAHP	NGS L V T M	S K F A E A	V S D E Y G T
UniRef90_R6QYM5	RGREELAHV	NS K G E L L	D E F A K A L	D D V A T V
UniRef90_A0A024KA63	RGREEMAHQ	ME L L L D E	K F A R K A L	D D V A T V
UniRef90_R5CKA7	RGGRSILF	K E Q G G E	V L L L R F	A N D L L E
UniRef90_R4YT80	RGREEMAHQ	H E L G M Q	L L M L R F	A N D L L E
UniRef90_K2ARE4	RGREEMTH	H P E I L G	I V D L L E	A T V G V V
UniRef90_A4SX34	RGREEMAHQ	E I G V R M	L E R L K L	D L V E Y G
UniRef90_V6Q6F1	RGGRAIT	H K E I G M	H E V L T R	F A D E T K
UniRef90_W6K515	RGREEMAHQ	E I L G M M	N V L R K F	V D L I S E
UniRef90_UPI0002898A9B	RGREEMA	G H T D L L	G R E V L D	K F V D L I
UniRef90_H8FQ16	RGREELA	H Q Q D L L	G M K L A E	Q K V R D D
UniRef90_N8V9A7	RGREEMA	H Q Q Q L L	G L E L L N	R V A D D V
UniRef90_UPI0003B433A5	RGREEMA	H Q Q Q L L	G L E L L N	R V A D D V
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UniRef90_U2WTD9	RGREEMM	H H E L L G	M E V L N R	V R D H F
UniRef90_R5V3S6	RGGRQLS	H P E V L G	E D V I Q R	F I A A C
UniRef90_M4NC58	RGREEMS	H Q Q D L L	G R K L A K	K I Q E D V
UniRef90_UPI00046ADB7D	RGREEMA	H Q Q D I L	G R K L M E	R I A G Q E
UniRef90_UPI00046FE3CE	RGGRAIT	H K E I G R	E V L E R M	A K E L S D
UniRef90_Q2LR21	RGREELA	F T D D L L	G K L L E D	I K N N L G
UniRef90_A1UUD5	RGREEMA	H Q Q D L L	G V K L L E	R M K D V S
UniRef90_U1WP62	RGREEMA	H H P E Q	G L R V L E	R L A E D L
UniRef90_K6Y9R4	RGREEMA	H H Q E T	I G E Q D L L	K R V K T D
UniRef90_R5ASY1	RGREEMA	H H T N I L	G G E Q L L	R D F A A C
UniRef90_UPI000382C682	RGREELS	H P E L L G	R V L L V R	M A K E L S
UniRef90_G9PHW1	RGREEQS	R P E L L G	L R L L Q R	L A E E V L
UniRef90_UPI0003A30F63	RGREELV	H T Q L L G	M Q L L L Q	R L A E E V
UniRef90_Q082E2	RGREEMA	H Q T N L L	G M D L L N	R I K A D L
UniRef90_R5HPW2	RGREEMA	H H T D L L	G K R L L E	K F A A D C
UniRef90_U7V7Q4	RGREEQQR	H P E M G V	R L L L E R	F A E E L A
UniRef90_I0KDQ8	VGRSIV	F K D R G L	Q I L L E R	F S K G L E
UniRef90_UPI0004759E38	RGREEMA	H H P L L E	S Y R K L L	E F A E S L
UniRef90_C4GBI3	RGREEMA	H V S A S R	K H L L E E	F A E S L E
UniRef90_UPI00037334BF	VGRSIV	F K E R G G	E M L L L Q	R F A Q E L
UniRef90_S2E9L1	RGREEMA	H H P E L L	G R Q M L L	D R J A E Q
UniRef90_A9WDM6	RGREEMA	H H Q H L L	G M Q L L E	R V K A Q F
UniRef90_A0A059FQI3	RGREEMA	H H P D Q L	G S I L L E	R L A D D L
UniRef90_C7N6K5	RGREEMA	H H Q S R P	E L L L Q R	L G A D V S
UniRef90_E5XNT0	RGRAIT	H K D L L G	R E V L L E	R F A S E L
UniRef90_F2I654	RGREEMA	H H T S L L	G K R L L A	K F G A D C
UniRef90_R5IZC9	RGREEQ	H T H A D I	L G K K V L	E R M I Q T
UniRef90_UPI00047733B1	RGRENDF	R E I G R E	M F A R F V	E D I G E V
UniRef90_Q01C35	KGRAIT	H H K D L L	G R E V L Q	R F A E A T
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UniRef90_A7NJ63	RGREEQH	R H P E L L	G F R L L Q	R J A A D V
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UniRef90_I4YPA0	RGREELH	H H S E I L	G Q Q V L L	E R V A A C
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UniRef90_I3BQ58	RGGRMIT	H H E I L G	R N I F N K	V I E A L K
UniRef90_U4KRP2	RGREMQ	H H P E L L	G R F R L L	R R L E E V
UniRef90_UPI00037CC0C4	RGREEMA	H H P E L L	G L Q M L L	H R V R D E
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UniRef90_Q9X1S6	RGREEMA	H H Q D L L	G S Q L L L	K R V E D L
UniRef90_W6M3V4	RGREELH	H H P E L L	G R Q V L L	V R M A T L
UniRef90_T0ILF3	RGREEMA	H H V N Y S	K Q I L D S	F C E K L E
UniRef90_R6E575	RGREEA	H H A E L L	H R L F K D	L Q E V A E
UniRef90_Q2JNY5	RGRAIT	H H S E I L	G K D V L L	E R M A K E
UniRef90_UPI00036634B0	KGRMIT	H H T Q D V	G R Q V M D	E F A E A V
UniRef90_S0K121	RGGRDM	L Y T E K G	E L L L Q M	L A K D L S
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UniRef90_K9UBC3	RGREEMA	H H V Q Q S	K H L L D D	F A K Q L E
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UniRef90_UPI0004723583	RGREEMA	H H R D V L	G R E L L D	S F Y K E L
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UniRef90_UPI000477F85D	RGREEMA	H H Q Q L L	G M D M M K	R J A E L A
UniRef90_Q1YPL1	RGREELS	H H P E L L	G E K L L L	R F A E L K
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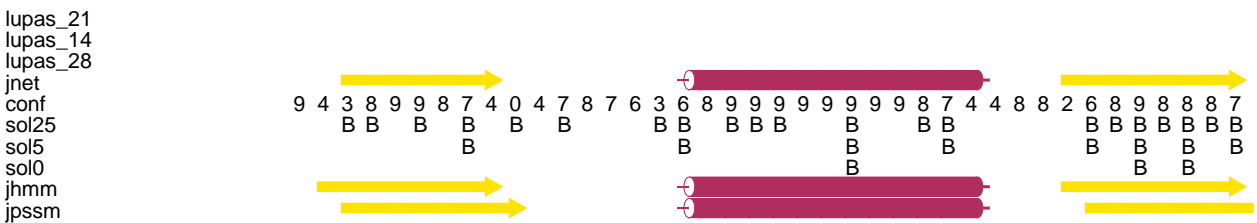
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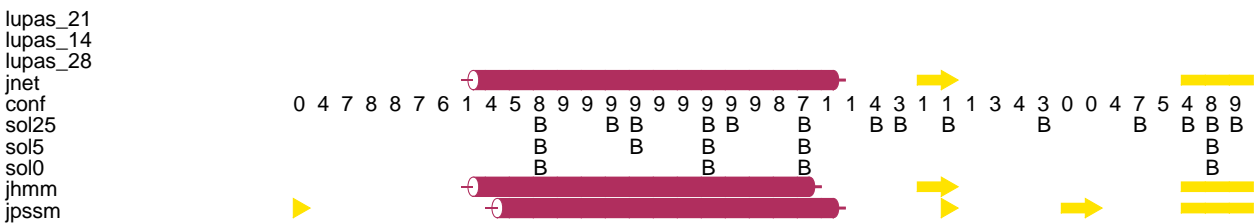
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