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UniRef90_R6SR09 WI E Q P P L I N I N A L E N E R Q E A V E A M A N Q P L W K D D L L S G I Y Y D D L L E E E
UniRef90_F4A1Q6 WL H Q P P L R D R R A L Q E R H G A V G E L Q E R F F E P L Q E Q L R G Q Y G D D L L E E E
UniRef90_W8KG38 WL D R P P L I E R S Q I E R R Q D N V A A L M T Y F F E R Q E A L K Q V Y Y D D L L E E E
UniRef90_W7C9D1 WL E R P P L I S K K E I E R R Q G L V Q S F L D H Y F E R R D E L R H V Y Y D D L L E E E
UniRef90_Q9KAC0 WI E E P P L I D A K V I E N E R L D S S I Q E F T E N L S H H E A D A L K Q V Y Y D D L L E E E
UniRef90_R4K762 WL H Q P P L R D H Q V I K A R Q S S I A E L I A T E N Y Q A E D L K A L K A Y G D D L L E E E
UniRef90_B8CJQ5 WL Q M P P T K H L T T I E N R Q Q S I Y F L Q G K F D L Q P L R K I Y G D D L L E E E
UniRef90_Q1LTQ0 MI E Q P P L I H K T A I Q Q D R D A V E M L K D N L M A R R E Y M N S I Y G D D L L E E E
UniRef90_R6GSW5 WL N R P P L R S Q E E V K E L D Y Q F E A L H E T L K K Q I Y G D D L L E E E
UniRef90_Q2SBR5 WI E Q P P L L H P G P I T R R L A A V D E L F S D R E D V M E L L D G G V H D L L E E E
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UniRef90_UPI0003664FCF WL Q Q P P L I N R K E Q I E A R L D T A V E E L T K N T F A R Q E C L S H V Y D D L L E E E
UniRef90_F0SZ12 WI T T P P L I S E E K L N Y R L D G V N E L Y S S R G G I D E R L K E I H D M E E E
UniRef90_R7G332 WL H H A R R D Q A V A R A R H A A I N A L M R T D A C M T A S T L A S V P D V L E E E
UniRef90_A4G717 WI D R P P L I H L D E I E A R Q Q A V Q S F I N H Y M E L M E S Q L K K Q V Y Y D D L L E E E
UniRef90_W7CAS0 WL E R P P L M S A A Q I I K R Q N A V G E L A D N P D K L R T S F S G I Y S D D L L E E E
UniRef90_R5XBS3 WL D R P P L I S L D E I K A R Q D K V D E L L Q H Y F E R Q D E L V Q N T V A D I L E E E
UniRef90_UPI0002E5EA64 WL H Q P P I R N T E K I T L R H S I N E L N Q A Y L P L Q K L K E I T A G D I L E E E
UniRef90_UPI0002E0E3D3 WL N R P P L R N R S V I Q A R Q D A I T C L Q Y R F E Q L Q P Q L K E I T A G D I L E E E
UniRef90_N2J3A2 WL E R P P L L S V S A I A N R S D A V A A L V K H T V Q R E E A L T G I G D D L L E E E
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UniRef90_C9LUL0 WL E A P P L I N L H D I T E R Q Q D G V G A L L D A H E I M R R S D T L D K Q I Y A D D L L E E E
UniRef90_UPI00016A4266 WL H H P P P R A S V A V A T A R H Q A I E V L G G D W Q T L R S T L R T L V S D D L L E E E
UniRef90_B2U9E4 WL N M P P L R N N L K I K G R Q E A V L E L K E I E E V K S L L R P V G D D L L E E E
UniRef90_C5WCC6 WT H R P P L R D R V L L K G Q R Q D S V R Q L L D N Y D Y L R G S L L R G T Y G D D L L E E E
UniRef90_W6LRW3 WI D K P P L L Q R G A I E E R L E A V E H L H R N R G D V Q E A L K E I Y Y D D L L E E E
UniRef90_UPI00037CBF9E WI E Q P P L V D E E K I N R R L D A V G E F A Q E H M T L A E E L Q Q S V Y Y D D L L E E E
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UniRef90_W3AT24 F I E Q P P L I D R Y E I L A R Q D A V E D F C A H F I D R E E Y L N T I Y D D L L E E E
UniRef90_W6RUR9 WI E R P P L I N K D S I N R R L D A V E E S L I N N R E D L R E A L K D I Y D D L L E E E
UniRef90_S0P3D4 WL D R P P L I Q Q S Q I T A R Q D Q V A S L I H A F F E R Q E A L T K V Y D D L L E E E
UniRef90_UPI0003A33E2E F L H H P P L R H N A P I K E R Q L C Q A F Y D H H I A F E K F L K S T P D I L L E E E
UniRef90_E5WCQ7 WI D R P P L I D E Q E I K A R H S L V E T L I H S F F E R R E Y L K E T V Y D D L L E E E
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UniRef90_UPI0003B3444D F I E Q P P L I D I E E M K A R Q D A V D A L C G N R D E I S E Y L S P Q V Y D D L L E E E
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QUERY UniRef90_UPI000470079E UniRef90_E0W7N3 UniRef90_G2T115 UniRef90_A8MFD4 UniRef90_D7HDN3 UniRef90_D9QQ87 UniRef90_F0Z1B8 UniRef90_R6ZX76 UniRef90_I9W951 UniRef90_UPI00046EF542 UniRef90_F8GDJ8 UniRef90_R6LSJ5 UniRef90_C1DBH1 UniRef90_D7UZ7F UniRef90_R5BYC8 UniRef90_UPI00036ECD99 UniRef90_N2B9T5 UniRef90_UPI0003B4B2EB UniRef90_W0TPC2 UniRef90_C4Z078 UniRef90_I3IAY8 UniRef90_V4JF21 UniRef90_I2NMV9 UniRef90_R5NYE8 UniRef90_B0UWV7 UniRef90_G8QKC4 UniRef90_F9Q814 UniRef90_Q3A4F1 UniRef90_UPI0004008C8F UniRef90_UPI0004798509 UniRef90_N1ZKR1 UniRef90_R9KG49 UniRef90_UPI0003B735A2 UniRef90_U3AXS6 UniRef90_B8CX98 UniRef90_K2D717 UniRef90_R6YBD8 UniRef90_G9QGV6 UniRef90_D9S3H0 UniRef90_K6CA98 UniRef90_UPI000472CFD9 UniRef90_I3BRM1 UniRef90_UPI0003751E1A UniRef90_F8FD35 UniRef90_G4CMD9 UniRef90_L7VII7 UniRef90_D5CLP5 UniRef90_R6SR09 UniRef90_F4A1Q6 UniRef90_W8KG38 UniRef90_W7C9D1 UniRef90_Q9KAC0 UniRef90_R4K762 UniRef90_B8CJQ5 UniRef90_Q1LTQ0 UniRef90_R6GSW5 UniRef90_Q2SBR5 UniRef90_E6U2G9 UniRef90_UPI0003664FCF UniRef90_F0SZ12 UniRef90_R7G332 UniRef90_A4G717 UniRef90_W7CAS0 UniRef90_R5XBS3 UniRef90_UPI0002E5EA64 UniRef90_UPI0002E0E3D3 UniRef90_N2J3A2 UniRef90_R5D3K4 UniRef90_S6HDZ2 UniRef90_UPI00046E7B29 UniRef90_UPI000373C0C4 UniRef90_A0A059NYH1 UniRef90_C9LUL0 UniRef90_E2ZD11 UniRef90_UPI00016A4266 UniRef90_B2U9E4 UniRef90_C5WCC6 UniRef90_W6LRW3 UniRef90_UPI00037CBF9E UniRef90_R7I7Y2 UniRef90_UPI00036C3E2C UniRef90_W3AT24 UniRef90_W6RUR9 UniRef90_S0P3D4 UniRef90_UPI0003A33E2E UniRef90_E5WCC7 UniRef90_R6LCLF5 UniRef90_X0P910 UniRef90_UPI0003B3444D UniRef90_B5JVB2 UniRef90_K8ELJ1

R R L L A A R R L L A L R T A R A P R D L L A R M R H A F Q Q L L P P E I L L 110 Q L L E T V D S A P
R L M A R R L S Y G R T A R N A R D D L L A R S L K Q A S A F K N Q L L P P E I L L R A K L L L H C K K T S A T I
R L L A R L A T Y L R T A N A P P R D D L L A R S L R H S A S F Q Q M L P P P E I L L H D S L L L E K G D L L E N F N K Q C E L H
R L L S G K R I A F G S A T P R D D L L V A L K K A V A F Q L L P P E I L L K K S L L F M S T E S Q F E N E F Q K C E G L
R L L M S K I T Y G S A N A P R D D L L A R L K K T H M A Q N L L P P P A I V K Y I L L E S Q F E M Q S S P L K
R L L T T R I T Y G S A N A P R D D L L T A L C S S L S A E M L L P P H I V V K Y I L L E S Q F E M Q S S P L K
R L L S K I S Y K S A R P R D D L L S L K S S L S A E M L L P P I L R F Q L L C A V A P N F G K S S R S L L
R V L A R L A M R S A R P R D D M A R S L R T A S L A K L Q L L P P E V V Q T Q L L A V A T K G L D H N A R
R L L T A R L A Y K S A R P R D M V A F A S S L L A K L P P E V V R Q Y I R Q V L Q A M A N E G F S E A P V
R L L S R I S Y Q S A N P R D M V A F A S S L L A K L P P E V V R Q Y I R Q V L Q A M A N E G F S E A P V
R I T S R V A L R S A R P R D L A A L R A S S L A Q L P P Q I V V K A V L A G S L G S A P S L
R L A G R I A Y G N V N A R D L L V A F R N S S L A Q L P P Q I V V K A V L A G S L G S A P S L
R L V G R I A Y K S A N P R D L L V A F R N S S L A Q L P P Q I V V K A V L A G S L G S A P S L
R L L S R I A L R S A R P R D L L E R L K H A S L S I L L P P G L Q Q Q I L R T D D Y C A P H
R L L T R I T S Y Q S A N A P R D D L L T A L S N S R S V K M I T P P L L K K R E R L A D R A F G S S L L
R L L A R I A S F G S A N A P R D D L L T A N V R D S S L A L L P P D L Q Q Q S I A G L G S P L
R I M T K I S C K S A R P R D D L L A F K N S I L E M L P P H I L K N Q N E L A G H H F K C D S L V
R L L G R I A L K S A R P R D D L L S R L L M S I L E M L P P H I L K N Q N E L A G H H F K C D S L V
R V V A R L A L C N A R P R D D L L T R L R S A L Q Q A L L P P E L H Q Q L L A N E Q S A N S D E R Q
R L L A R I A L K S A R P R D D L L T R L R S A L Q Q A L L P P E L H Q Q L L A N E Q S A N S D E R Q
R L L A R I A L R K T A R P R D L L T A F K T S A L Q Q Q L L P P E I I K N Q L L S Q R E L L A P C E
R I L L A R I A L R S A R P R D L L T R L R T A S L E Q Q L L P P F I E L Q H Q L L T K G L P
R L A G R I A L R S A R P R D L L T S L R R D A S L A S Q L L P P E E L R R R A P L A Q A H P S
R L L T R I A L R S A R P R D L L T S L R R D A S L A S Q L L P P E E L R R R A P L A Q A H P S
R L L S K I A M G H A N A K D L L V A L R K S F E K I L L Q H L L D E Q V L S A P A P L
R L L S G R I S Y G N V N A R D L L I Q V K K D S I L K K I P P K K D I L L S A F A D T H E E L
R L L M G R I S Y G N C N A R D L L I S L K Q S I A K L P P L K E V I T N C Q Q S D Y
R T M S K I V Y Q T A N G R D D L L T A F K Q S S L A E M L P P H I H A L L S T G E F D A A L
R L L S R V T Y Q T A N P R D D L L T A F K Q S S L A E M L P P H I H A L L S T G E F D A A L
R I V A R L A L R S A R P R D D L L A R L R S A L Q T L L P P E L E V T L Q I L Q N S H
R L L G K V A S Y G S A N A P R D D L L A L K Y S I L K L P P N L K K D L L E Q L N T S K L
R I L A R V A L K S A R P R D D L L A Q L R F T L F L L P P N L K K D L L E Q L N T S K L
R I M T R I V Y G S A N G R E L L R S L S T A L K R L P P S L L T L L E G C Q Q A T L
R L L A G R I A F G N V N A R D L L I A L K K K L L Q Q Q V P P I L K D L L G G C Q Q M D S K L
R L L T G K L V C G N L N A R D L L A I Q L K K N T V K H F P P K I L G L L V E Q Q L Q N S Y
R L L S G R I A Y G N V N A R D L L I Q L K K S L L Q Q V P P I L G L L V E Q Q L Q N S Y
R V L A R I A L R S A R P R D D L L S T L R D S F E L L L C Q S Q L K P D F F N A P L
R I A S R I A L R S A R P R D D L L E R L K N A F Q Q V L P P E L H Q D L L D T A Q S A P
R V L A R I A L R S A R P R D D L L E R L K N A F Q Q V L P P E L H Q D L L D T A Q S A P
R L T A R I A Y G S A N A P R D D L L A A L K L L Q Q V A Q L R E L L A G S A P
R I A R I A V G S A R P R D D L L S A G L R D S L L F A L A D I R L P N T A G L
R L A S K L V V G N V N A R D D L L A L K A S M G Q I P S I L D L M S D L K A T E L L
R L T A R I A L R S A R P R D D L L S G A R D T S L L T L P P H I H A A L L A R F C S D A A L
R L L G R I A S Y K T A N P R D D L L A F K T S S L L S M L P P H I K R L L A N E F S C A A D L
R L M S K A V Y G N I N A R D D L L A L K Q S S L G R L P P R L N E L A L Q G K A A R R
R L L T R V A L G S A R P R D D L L T T L R D S S L A E Q L P P N L Q S E L A T A S A P R N
R I S G R V A Y G N V N A R D D L V Q L R Q S S L A E Q L P P A I K E L L E S M T A D A N D
R L V G K V A Y G N V N A R E L L V Q L R K S S L Q Q R I P P A I F A L L V E K G N Q D L
R L V G K I S T L S V N A K E L I F L K N Q A L E K L P P G I K E L L K D S K S E L L
R I T A R I A L R N A R P R D F A R L R Q A L G L L P P Q L Q Q T L K A S S E P H
R L A R L A L R S A R P R D D L A R L R N A L Q Q L P P D I Q S L L A D N T S G M
R L T M K V A S Y R S A N P R D D L L A R L R N A L Q Q L P P Y I K D L L A D F S K G V
R I L A R V A L R S A R P R D D L L A R L R D T L L P P D L Q K Q M E E L N D T H
R L M T R I A L R S A R P R D D L L A R L R D T L L P P D L Q K Q M E E L N D T H
R I V S R I A L R S A R P R D D L L A R L R D T L L P P D L Q K Q M E E L N D T H
R L T A R L A S Y G K A S P R D M L A A T L A C L P P S E V R K I I H Q H Q V L T
R L A G R I A S N G N A T P A D C Y S E S M L A L P P N I K I L L F G S T V K I
R I A T R I A L Q S A R P R D D L A G M R G G L L Q Q L P P S L R A Y V S M C N Q D A
R L A G R I A Y G N V N A R D D L L Q L K H G S L L Y Q V P P L L K E T L K S M N Q P N
R L M T R I A Y S T A N A K E L L K S L Q Q T V Q R L P P Q I K S L L A G C Q S A L V
R L A G R I A F G S V N G R D D L L T Q L K T S L Q Q V P P K I K Y V L E E L D Q N V
R I V T R I T L S A R P R D D L T Q L R D T L Q L I P P A I R Q Q Q L A S F F G G H
R L L A R I G L R T A R P R D D L A R L R D A L S A L P P G L Q H G M Q D L V A P H
R L M G R I V Y G S A G G R D M V S L R K N A M D H L P P A I R Q Q Q L A S F F G G H
R L L S R V A L R S A R P R D D L E R L R D S L N I L L P P S L Q Q Q L Q S D P A A R
R L V G R I A F G S A N G R D M N A L K L S L A Q L P P A L K D M C I A S G S A T P L
R I L A R V A L G T A R P R D D L A V L R D S C A L C P P D L G T L A S T D D P L
R L A G R V A L G N V N A R D D M I Q L K N S S L S R I P P E I L S T L A S K F E H P S
R L L T R I E V G T A N A R D D L V A L K L S L S G A L P P P L K A R L A A V S A P L
R I L T R I G T G T A G P R D D M T A L R E S L R I L L P P D V K H L L A S Q A G A P L
R I T G R L A L L S A R P R D D L S S L R D T L A R L P P E I L R E E L P Q S D A P
R L L A R L A L Y T A R P R D D L S G M R N A L R Q L P P K L K A L V K L D A P L
R I L A R V A L K S A R P R D D L I A L A D A L A R Q L P P G I K Q Q F L S V L Q D A L L
R L V G R V A F G S A N G R D M V A L R D S L A Q L P P G L K E I C L N S G S S Q T
R L L A K V A Y K S M N A R D C L S L C A S L V Q V P P K I R S L L R E A K S Q A
R L L A G R V A F G N A R D F I L S L K K S L V Q I P P A I R S L L R E G M G N D E
R L L G R I C Y K S A N P R D D L I A F K Q S S L K M L P P D I I Q E L L S Q F D S K L
R L V G K I S S K N V N A K E L I S L K N T S L G R Q V P P A I K N L L S K D I N S E L L
R L A G R V A F G S V N G R D D L V A L R D T L S S L P P Q L N Q L I Y E H F S D T E
R I A T R I A L S S V R P K E L L A L R D T L S S L P P Q L N Q L I Y E H F S D T E
R L A G R V A F G N V N A R D D L V A L K K S L Q Q L P P V L K E M V S N L P N E E
R L M T R I S J R T A N P R D D L I Q L K T S I Q Q V P P F I I Q V L L E Q A D D S
R L A G R I A F G S V N G R D D L I Q L K T S I Q Q V P P K I K Y I L E Q A D D S
R I M S R I S Y K T A N P R D D L I S F R N S L I R M L P P A I R I A L E S A D J A L
R I C S R I S L K S A R P R D D L L Q L R Q T S L S A L P P E L R Q N Q L E S A D J A L
R L T A R A A Y G T A N G R D D L T A L L G S L E K L P S L Y Q Q A L Q Q S R S L

QUERY	130	140	150	160
UniRef90_UPI000470079E	VQAKLR	EFAD	ELRL	LDL
UniRef90_E0WTN3	LKDA	YVNL	LDG	TLDE
UniRef90_G2T115	ILQNL	LLSH	LDG	TLDE
UniRef90_A8MFD4	LKGE	ILRE	DM	DTL
UniRef90_D7HDN3	LKTE	LR	THAE	PLMNE
UniRef90_D9QQ87	LKKS	AAAD	KLD	DTL
UniRef90_F0Z1B8	LKCG	VR	DDLD	DTL
UniRef90_R6ZX76	FAEL	LR	DEEL	PL
UniRef90_I9W951	LAVL	LR	DEEL	PL
UniRef90_UPI00046EF542	FTD	HQK	ATA	PMPE
UniRef90_F8GDJ8	ISQL	LI	QAMQ	DEEL
UniRef90_R6LSJ5	LK	KLI	YED	MDS
UniRef90_C1DBH1	LATL	DA	AL	PLQD
UniRef90_D7UZ7F	LQ	MT	LA	ADK
UniRef90_R5BYC8	L	MQI	H	ERMD
UniRef90_UPI00036ECD99	IT	EL	GL	LI
UniRef90_N2B9T5	L	MR	T	LG
UniRef90_UPI0003B4B2EB	L	AA	LR	GA
UniRef90_W0TPC2	L	IR	KA	GA
UniRef90_C4Z078	F	R	Q	CA
UniRef90_I3IAY8	L	KN	LA	FA
UniRef90_V4JF21	L	QQ	IK	AQ
UniRef90_I2NMV9	D	HL	LA	Q
UniRef90_R5NYE8	I	NE	LY	Q
UniRef90_BOUWV7	F	VA	F	S
UniRef90_G8QKC4	L	GE	L	FW
UniRef90_F9Q814	S	QR	L	FW
UniRef90_Q3A4F1	A	AG	I	G
UniRef90_UPI0004008C8F	V	Q	S	L
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UniRef90_UPI0003B735A2	L	RE	L	A
UniRef90_U3AXS6	L	QT	L	A
UniRef90_B8CX98	F	KN	M	H
UniRef90_K2D717	I	KE	L	R
UniRef90_R6YBD8	L	QQ	L	R
UniRef90_G9QGV6	I	QT	L	I
UniRef90_D9S3H0	L	IT	L	T
UniRef90_K6CA98	A	DA	L	L
UniRef90_UPI000472CFD9	V	NS	L	Q
UniRef90_I3BRM1	L	QA	L	Q
UniRef90_UPI0003751E1A	L	ND	L	L
UniRef90_F8FD35	L	GE	L	L
UniRef90_G4CMD9	L	QT	L	L
UniRef90_L7VII7	C	V	G	I
UniRef90_D5CLP5	I	QQ	L	A
UniRef90_R6SR09	L	KE	L	H
UniRef90_F4A1Q6	L	KT	L	G
UniRef90_W8KG38	I	T	A	L
UniRef90_W7C9D1	L	KT	L	G
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UniRef90_R4K762	L	RE	L	Y
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UniRef90_Q1LTQ0	H	S	Q	L
UniRef90_R6GSW5	L	AK	M	A
UniRef90_Q2SBR5	L	RR	L	A
UniRef90_E6U2G9	L	SD	I	A
UniRef90_UPI0003664FCF	L	AE	L	A
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UniRef90_R7G332	M	Q	D	I
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170 180 190 200
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N A K E D V L D D K Y R R A A L A K A N T E G A K T W L W L A D A K L L E A K E R E R E R E K T L K I K D S N L L K K V V I G G F F N G K
U N D E L L D D E L Y V A A R N E G A K T H W I L A A K L L E A Q A E E K D R R T G I K D T S L L K K V V V K G Y N N K
U N S A E L L D D E W R D L A M N E G A K T E F W L E A R N L E E A E E E K D R R T H G I K D T S L L K K V V V K G Y N N K
U N S D E E L L D D E F R Q A M N E G A K D W L W L A E A K L L E E A E E E K E R E R E R E K T G I K N L L K K V V I K Y N N K
U N S E E E V V D T L R R H A K S E D G K Q W L W L A K L L E E E E E K E R E R E R E K T S G I K N L L K K V V I K Y N N K
U N S D E A E Q L D D K L R R K A K S E N A G K Q W L L L Q L L E E A T R E R E R E R E R E K T G I K N L L K K V V I K Y N N R
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U N S H A E L L D D E L R A L Q S Q N A G C G K W L L A Q L L E E A R E R E R E R E R E R T G I P N L L K K V V I K Y N S R
U N S H A A D V L D D K Y R R S R T D D G C S V F L A A D L L E A A R E R E R E R T G I K S T S L L K K V V I K E Y N N R
U N S H A E L L D D E L R A L Q T D D C S V F L A A D L L E A A R E R E R E R T G I K S T S L L K K V V I K E Y N N R
U N N E E E V L D D N Y R R D A S R N G K S W I T Q L L E E A R E R E R E R T G I K S T S L L K K V V I K Y N N R
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U N K E D I L D D K L R R A R T Q N D G K S W L A A Q L L E E K Q Q E R E R E A T G I K S N L L K K V V I K H N N K
U N H A E L L D D Q L R R A L Q K N A D Q F L L A Q L L E E A R E R E R E R E R T G I K S N L L K K V V I S G Y N N R
U N D N Q L L D D E L R R N A K T N A G K E W L L A E L L E E S R R E R E R E R T G I A S N L L K K V V I S G Y N N R
U N S A E A D D D L R N A I S T K N A G Q Y L L D L L E E T R E R E R E R E R E R T G I P N L L K K V V I K Y N N R
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U N R D E I L D D E L R L A K T E C K T W L A D L L E E S Q R R E R A N T G I D T L L K K V V I K G F N N A
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U N D P E E L L D D E Q Y R K A K T E G K D F L A M E L L E E L Q R E R A R T G I D K L L K K V I D K K V I K Y N N K
U N S S E E A D D Q Y R K A K T E G C A W L W L A E L L E E S Q Q E R E R E R T G I K N L L K K V I K Y N N K
U N D Q S V D D E L R D I S H N G R Q W I S R L L E E Q Q R E R D R T G I K S L L K K V I G A Y N N K
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U N D A D L L D D E L R D I S E N C G Q F L V D L L E E A R E R E R T G I A N L L R V V I E Y N N R
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U N D V E L L D D E L R N L S E H A T D Q Y L V E L L E E T R E R Q R T G I A N L L K K V V I G G Y N N R
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U N N E D I L D D T L R E A K E N G K Q W I A N L L E E A S K E R E R T G I K S L L K K V I S Y N N K
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U N L E E D I L D T L K N A T D G K N W I A E L L E E A R E R E R T G I K N L L K K V I K F F N K
U N N A Q L D D K Y R D A S N N G Q K W L A E L L E E A K E R Q V T G I N N L L K K V I G F F N H
U N N S D I L D H F R Q A R S N A G Q F L A E L L E E S K V K E E T G I K N T L R V I K Y S N
U N D A E L L D D E L R G L S Q N A D Q F L T D L L E E Q R E R E R T G I S T L L K K V I A Y N N R
U N H P E V D D R L R A A A R D G K A W L A G L L E A R E R E R E R T G I K N L L K K V I G F N N K

QUERY	V	H	G	Y	I	Q	T	S	R	G	Q	S	H	L	A	P	N	I	Y	M	R	R	Q	T	L	K	N	A	E	R	Y	I	P	E	L	L	K	E	M	Y					
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UniRef90_E0W7N3	V	H	G	Y	Y	L	Q	V	T	N	R	T	Y	S	H	L	V	P	E	Y	H	F	M	R	K	Q	Q	T	L	K	N	A	E	R	Y	I	P	E	L	L	K	E	M	Y	
UniRef90_G2T115	V	F	G	Y	Y	I	Q	V	T	N	R	T	Y	S	H	L	V	P	E	Y	H	F	M	R	K	Q	Q	T	L	K	N	A	E	R	Y	I	P	E	L	L	K	E	M	Y	
UniRef90_A8MFD4	V	I	F	G	Y	Y	I	Q	V	T	N	R	T	Y	S	H	L	V	P	E	Y	H	F	M	R	K	Q	Q	T	L	K	N	A	E	R	Y	I	P	E	L	L	K	E	M	Y
UniRef90_D7HDN3	V	H	G	Y	Y	I	Q	V	T	N	R	T	Y	S	H	L	V	P	E	Y	H	F	M	R	K	Q	Q	T	L	K	N	A	E	R	Y	I	P	E	L	L	K	E	M	Y	
UniRef90_D9QQ87	V	H	G	Y	Y	I	Q	V	T	N	R	T	Y	S	H	L	V	P	E	Y	H	F	M	R	K	Q	Q	T	L	K	N	A	E	R	Y	I	P	E	L	L	K	E	M	Y	
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F 8 N 6 4 9 N A E L L D D E L L R K E I L A Y S G S G K D Y L L H L Q Q Q R E R R S E R T G I G I P S S L L K K I V G G Y N N R
I 0 K 6 N 1 D T A E L L D D E L L R D L A T S G A T D Y L L N A L E E Q Q R E R R E R T G I G I S S S L L K K I V G G Y N N R
R 5 Y A X 0 N A E L L D D E L L R N I S E H A G K E L L L Q M Q Q R E R R E A T G I G I P Q S S L L K K I V G G Y N N R
A 3 W M 7 3 D A E L L D D E L L R Q Q A V D D Q K W I A E L E E P A E R K R T G I G I S T T L K K I V G G Y N N R
F 9 Z 4 2 6 S N E L L D D Q L R E I L L S S S S K N G W I A S L R E E N S K E K E R T G I G I K T S L K K I V G G Y N N R
D 0 K Y I 3 S R E V D D Q L R E I A S G G K E W L A Q L E E N A E R E R T G I G I R S S L L K K I V G G Y N N R
U P I 0 0 0 2 D D 1 2 E B H E Q L L D D E L L Y F R K I A M N S G K G N Q L I A E I E E Q Q R E R R Q V T G I G I S T G L K K I V G G Y N N R
R 6 Q Z 0 1 H P E V D D R L R D I L M A N S G K G L V A S I L E E A R E E K E K T G I G I K S L L K K I V G G Y N N R
F 4 B U 1 5 S A E L L D D E L L R S L T A T N S G K E W L H R D L E A S E A K Q A T G I G I R D S L K K I V G G H T S
G 7 W 9 7 1 D A E L L D D E L L R A L T R D A G A F L L E L E E T R E R A R S G I A T L K K I V G E Y T N K
R 7 H 6 E 7 S E L L D D E L L K S I R K N G D A F L L A Q L F E A R D E R E R T G I G I A K G N L K K I V V Q Q F N K
U P I 0 0 0 3 9 B F 9 7 8 N P E V D D E L L K D I K E N S R Q I L L L K I E S E E Q R A K T G I G I S S S L L K K I V V K F F N K
G 9 Y V J 8 N A K L D D E L L R H L A T S G K D W I A E F Q Q Q R E R R E R T G I G I K S S L K K I V V G G Y N N R
F 9 N 3 8 5 N E K L D D E L L R G M S T G G K D W I A S F Q Q Q R E R R D T G I G I K S S L K K I V V G G Y N N R
V 5 T H U 4 S A E L L D D E L L V R S L S E N S Q Q Y I A D L E E R E R E K T K T G I G I K L L K I V G G Y N N R
Q 3 S J P 0 D T Q L L D D G L R N Q L D D D G E A W L T E E Q E A A E R S A S T G I G I N T L K K I V G G Y N N R
R 5 N B V 0 N H E L L D D E L L K S I R S E N S G K D W I A E F F E A K K E S T G I G I K N L K K I V G G Y N N R
I 0 H P C 0 N P L L D D E L L K E I S E N S G T A W L E E F F E R N E R E K T G I G I K N L K K I V V G G Y N N R
D 4 H 6 A 9 D K E L D D E L L R Q I A Y S G K D Y L M Q I Q Q Q R E R R S E R T G I G I P S S L L K K I V A F N N R
A 3 C W X 6 H K E V D D E L L R V A K T N G K Q W I A A L E E N S E R R L D T G I G I K S L L K K I V V G G Y N N R
Q 1 2 V C 9 D A E L L D D E L L R T L S T N A N Q Q F L I D L E E R E R K A A T G I G I P T L K K I V V G G Y N N S
H 1 C Z R 7 D S K I L D D E L L R N V L S S Q N K K W I A Q L E A S D E R A A T G I G I N S N L K K I V V K Y N N K
U P I 0 0 0 2 0 0 1 C 2 5 N T E L D D E L L R A V S L S R S G R K K W I A D L Q A Q R E R R Q R A G I P S S L L K I V G G Y N N
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U 4 K R M 4 S A E L L D S L R A I S F G G K E W I A R L E N K R E R E R T K I P S S L L K I V G G Y N N
U P I 0 0 0 3 8 2 9 C 3 9 D E E L L D D R L R K I S F G G K D Y L V E I L Q K R E A A A T G I G I P S S L L K V V A G F N N
T 0 P B X 6 N E E L L D S W R D V K D H A D E W L G K Y V I R E R E K T G I G I P K L K K I V A G S N K
U P I 0 0 0 3 7 D 9 4 6 9 N A E L L D D L L R A L S R N S K D Y L L K L Q A K R A E E T G I G I N S L K K I V G G Y N N
Q 0 3 V V 4 N A E V D D K L R E A A T H G R D W I A S L E A R E R E R T G I G I K S L L K K I V G G Y N N
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K 4 K Q Z 2 S S E L L D D E L L R A L L A G S G K N Y L S E L V K Q R E Q T T G I G I S S L L K I V G G Y N N
C 6 X W 1 2 N S E E L D D R L R R K I R T G G G K D I L T E I E E R A A T G I G I R T L K K I V G G Y N N
U P I 0 0 0 4 6 5 9 E 9 B D K E L D D E L L R S I S D N N S N F I K K L E E A E K A K T G I G I V N N L R I S F S K
G 1 W C 7 5 D D E L L D D E L L R N L S A N S G K D F L I D I Q Q Q R E R R A E A T G I G I T S S L K I V A F N N
U 2 E W 0 3 S P E L L D D E L L R D L A Y S G K D Y L L K I Q Q Q R E R R E A T G I G I S S S L L K I V S F N N
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I 4 W 4 4 9 N Q E L L D D E L L N D M N L S G K D Y L L D F E A K R E K E R T G I G I P K N L K K I V A G F N N
T 1 C S J 6 H E E L L D D Q L R K I A S G G K E Y L V N I Q Q R E R R A E K T G I G I S S S L L K K I V A G F N N
R 5 L 6 S 9 N E E L L D D E L L R R I A S N E G K E L K E L E E R E R K T G I G I S S S L L K I V S G F F N N
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D 3 I J O 9 D A E L L D D E L L R A L S S N A G Q F L I D L E T R E R E R T G I G I A T L K K I V G G Y N N R
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C 0 Q F S 1 N S E L L D D E L L R S T R S G S K D F I L T L E K E E K E R T G I G I K N L K K I V G G Y N N
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UniRef90_B2TIC3	S D L D G I S T L A L V A L E N D
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UniRef90_D6SK90	A R I D Y W Q G L A S A A R E W N
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UniRef90_F8N649	A H I D C V L S F A K V S E D N
UniRef90_I0K6N1	S V L D V L S S F A K V A V K N
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UniRef90_A3WM73	A E L D T L C A F A T L A V I E Q N
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UniRef90_R7P6Y6	S D I D A I V S L S V C S E E Y N
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5 V T R A S L E I E L T R T Q S S R G G K A G A L L V S V L M D R T V T V T P M G A G A R L L L L A A E R Y
6 T T Q R R N L E I E L T R T Q S S R G G K A G A L L V S V L M D R T V T V T A G G A R L L L L A A E R Y
7 T A T R K N L E I E L T R T Q S S R G G K A G A L L V S V L M D R T V T V T A G G A R L L L L A A E R Y
8 S T R A N L E I E L A R T L S S S R E G S L L L K A I I D R T V T V T S A G A G A R L L L L A A E R Y
9 A T T Q R N L E I E L T S R T M Q S G D S G S L L E F E T I D R T V T V T A G G A R L L L L A A E R Y
0 P A T R A N L E I E L F L S G E G E K Q G S L L L A T I D R T V T V T G G G A R L L L L A A E R Y
1 V T T Q R N L E I E L F L S G E G E K Q G S L L L A T I D R T V T V T A G G A R L L L L A A E R Y
2 Q A T R S S L E I E L F L S G E G E K Q G S L L L A T I D R T V T V T A G G A R L L L L A A E R Y
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5 V T T E R N L E I E L F H R L N D G G K G E N T L W H I L D R T V T V T A G G A R L L L L A A E R Y
6 R T T K K H I E I D F N V N G G K Q E G T L F S V L N T T M T N M G S R L L L L A A E R Y
7 A Q T R R N L E I E L T S T Q R D G G Q D G S L L L W A I D R T V T V T A M G G A R L L L L A A E R Y
8 A A T R R N L E I E L T R S L S D G G G T E G S L L L W A I D R T V T V T A A G G A R L L L L A A E R Y
9 G Q S L N L E I E L F A N S D G G T E G T L F A M L D R T V T V T A F G G K R L L L L A A E R Y
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2 K A S Q T N L E I E L F S A N T Y H G G E G K G S L L Q V M N E R T S T P M G G R L L L L A A E R Y
3 E T T I R N L E I E L V K N I Q D G G E H T L Y R V L N H T T T P M G A R L L L L A A E R Y
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2 G T T Q R N L E I E L T E P M T E G G Q T L F A T V D H T E T S A G R R L L L L A A E R Y
3 Y E T K N H I E L V S Q S Q S T N A K A S L L W S F M D K C Q S T S A M G S R L L L L A A E R Y
4 E S T K R T L E I E L V V K G L N T T A K G S L L D V L D H T V T A G M G S R K L L A A E R Y
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D T L S Q Q N L E I F F K P V L A S G I S L L S V I D H C Q T P M G K R A L V H
D S T T I L N L E I L L P N K E T K G K T L Y D V L K F T K T S M G A R H L Q Q
D A A T R A N L E I L T R T L S G E R S G S L L D A I D R T V S A G G A R L L A E
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D A T A Y R A L E I V V E S L H E Q G P T L L S L L Q K T R T P M G A R L L L R R R
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D S S A L K A L N L M P G P R D G S K T S L Y G L N H C K T P V G S R L L A Q
D Y F T Q K S L E I F K N L S G G V E G S L I S C L D E T K T A S G A R L L K Q
D Y E T K N H I D L I F D R S K G M S L W S F M D R C Q S A M G S R M L R N
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D A A T R S S L E I I D R T Q T G K R E G S L I A A L D M T V T S G G S R L L A A
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D G T T M K N L E I L Q N X T D K T K G S L L W V L D H T K T S F G R R K L K K
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D G V T L T N L E I L Q N S S G G T E G T L L E R L D D T C C T P F G K R L L K Q
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D D S S R R N L E I I V A N L D G S Q F S L L E V I A R T R T A M G R L L A R S
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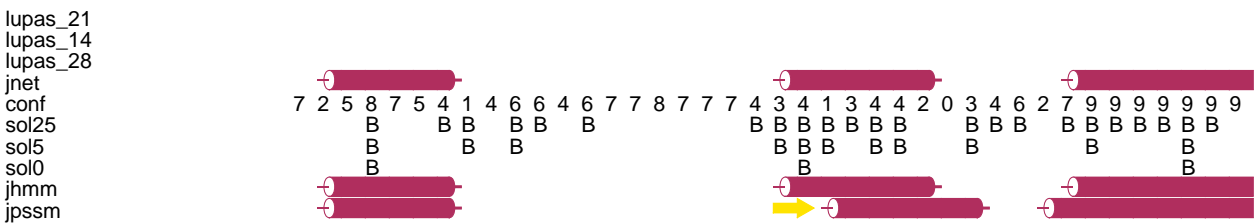
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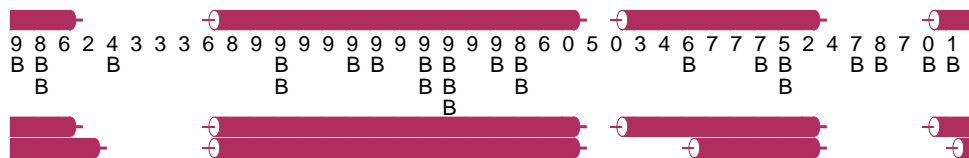
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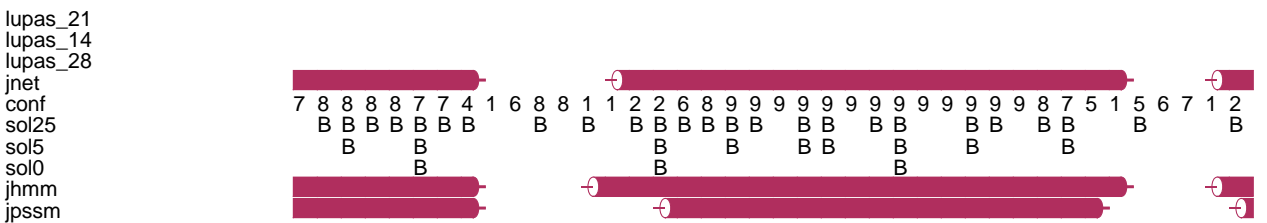
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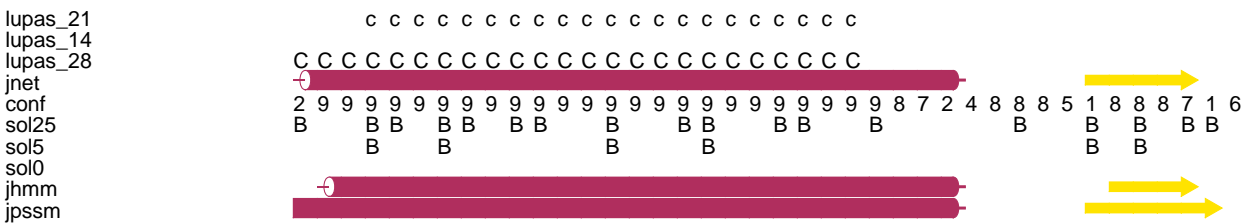
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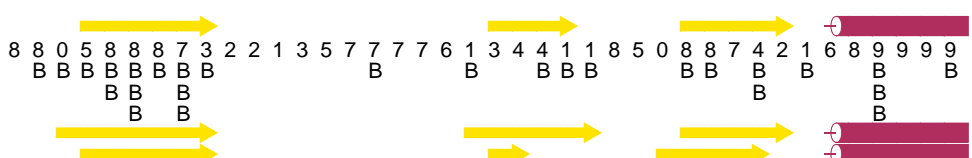


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