

1 10 20 30 40
QUERY M A G S S I R S K L S A I D V R Q L G T V D D Y R T A W Q L Q Q R R E I H A D A R V A G G G
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QUERY	A	D	T	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I	
UniRef90_I0RT57	P	D	T	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_W9BIC6	P	D	T	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_E6J9S7	G	D	T	V	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_UPI000421F194	P	D	T	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_F5Z0X1	P	D	T	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
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UniRef90_W8ACJ0	G	D	R	L	L	M	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_R4TC23	P	D	T	M	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_E5XRE9	Q	D	V	A	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_C6W9D3	A	D	T	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_V8D785	L	D	H	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_D5UXP7	S	D	R	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_UPI00047A86F1	P	D	T	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_C8XHA4	P	D	T	V	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_C1AUB9	A	D	T	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
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UniRef90_A0A021W7V6	P	D	E	L	W	L	V	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_L7KD07	H	D	V	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_Q8FNP5	A	D	Q	L	L	V	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_E2MX40	P	D	Q	V	L	V	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_UPI000373F1A5	G	D	T	V	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_W5KSF3	P	N	T	L	L	L	C	C	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_W8EUV4	A	N	Y	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_UPI000465ED63	A	N	T	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
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UniRef90_A8LYF4	G	D	A	V	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_I9KPX2	P	D	D	T	L	I	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_UPI000361CFD2	P	D	T	V	L	V	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_D0MDZ4	P	H	V	F	L	L	V	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_G8X5R5	D	N	Y	F	L	F	V	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_D2B4S1	P	D	T	C	L	M	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
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UniRef90_I316X3	P	D	Q	L	W	L	V	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
UniRef90_UPI0003655358	P	N	T	L	L	L	L	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
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UniRef90_C5BNP0	D	D	E	L	W	L	V	E	H	H	P	A	V	Y	T	A	G	K	R	R	T	E	P	H	E	R	P	I	D	G	T	P	V	V	V	D	T	D	R	G	G	K	I
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UniRef90_K1RE47	P G Y L L L V E H H P A V Y T T L G K S G H A E N L L V G E E F Y H I D R R G G Q Q I			
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UniRef90_M3ARV2	P H T L P A P Q F H P V Y T T C G R R Y L T E Q T P L G R A D F V E A L R R G G Q Q T			
UniRef90_B2VAB9	K N Y L L L C Q H H Y D V Y T V G Q N E N K N F P V N V I K T D R R G G Q Q I			
UniRef90_F21F8	S E L I W L L E H H K D I Y T T C G T S G K D N E L L D K F P I L L K T N R R G G Q Q W			
UniRef90_Q0V559	P P H I I T A E F T P V Y T T C G R R Q Q Q Y L R A D G K A D F V E A M R R G G Q Q T			
UniRef90_U1GSK1	P D T V I T A E F Q P V Y T T F G R R Q L N R V G E Q Q R R T V V V E A Q R R G G Q Q V			
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UniRef90_E9BU32	P D V V I L V E H S P V Y T T V G R R D T A H G L P P H C I D V V K T R R G G Q Q I			
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UniRef90_V7BB46	C D T L L S L Q H H P P V Y T T L G K R R T D H N L L L P E A D I H R T E R R G G Q Q V			
UniRef90_K0KF91	P P T V L S F E F K P V F T A G Q R E K D N L K Q N T G Y D F V Q T D R R G G Q Q I			
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	90	100	110	120
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UniRef90_UPI000374F7EB	T Y H G P	G Q K I A Y F V L D L	K R E K D I K K L I N K I	E E N C L I A I L A Q Q F
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UniRef90_V5WN68	T Y H G P	G Q I V L Y I S N L	R G R A S I R R F V M R A L	E E Q V L M D Y L Q K E F
UniRef90_UPI0003F15C26	T F H G P	G Q L L C H P V L D L	R R L G L R L R T H V A S L	E E A C A V R L C C E L Q
UniRef90_UPI000333A6C6	T F H G P	G Q L L C H P V L D L	R R L G L R L R T H V A S L	E E A C A V R L C C E L Q
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UniRef90_A4RRP2	T Y H G P	G Q L V L Y P I L N L	A R A P D L H W Y M R A L	E E S V A L E A M I E L
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UniRef90_UPI00037D0F19	T Y H G P	G Q L V G Y L V V D V	K A R G P V D I V R W L	E N G L V D A L G W L
UniRef90_UPI00047216A4	T H H C P	G Q L V L W P V L D L	K R H T D L H W Y L R R S L	E E D V V L A V L A A L
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UniRef90_M4V8Y9	T Y H G P	S Q L V V Y P I L N L	K K P R E T R G Y L R A L	E E K A I V V T L A E Y
UniRef90_UPI000373B57F	T Y H G P	G Q R I V G Y L V L D	L R R G R D V R C F H A V	E E G W V I A A L A R V
UniRef90_Q7U8F2	T H H L P	G Q L V A Y P V L D L	R R Q P D L H W Y L R E L	E E Q V L D V L A Q L
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UniRef90_F7WZU2	T Y H G P	G Q L V V Y P I L N L	R N K L K F R Y I N T L	E E N T V I Q N V L R Y F
UniRef90_W4JXX3	T Y H G P	G Q L V G Y P I L D L	G R T M G I R D Y I C R M	E E C M I E N H L Q E A
UniRef90_I2FNP9	T Y H G P	G Q L V G Y P I L N L	A S M L A S R C Y V D K I	Q D S L I S L L A D R
UniRef90_K9P678	T H H L P	G Q L V L Y P I L D L	Q R A G D L H L Y L R A L	E E D V V L A V L Q E L
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UniRef90_M3ARV2	T F H G P	G Q L I A Y P I I D L	R H H I T P R C Y V R L L	E E N S V M D V C R S F
UniRef90_B2VAB9	T F H G P	G Q P I F Y F I F K V	K S P L V F Y K K V V K S	F D M I F K P L C E
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UniRef90_U1GSK1	T Y H G P	G Q L V A Y P I I D L	R R R H L T P R N Y I H L	E E D T V I A V C T S F
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UniRef90_E9BU32	T Y H G P	G Q L T M Y P I V N L	Q L L W K I E W F S W A L	E E A M I Q T A A M Y
UniRef90_W2SPH0	T F H G L	G Q L V I Y P I F E L	K R P L G V R R Y V E M L	E E Q A
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K A D T L I V R T L L N A D Y E S T H Q Q M L Q K T L A R I D K T
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I N L S T S N L T V D L G I V D F N L A L E I Q H N L R N L R E R E V

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

R A L H H L R L P V V D Y A E A S K L Q S I L L F H L H L S K P

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

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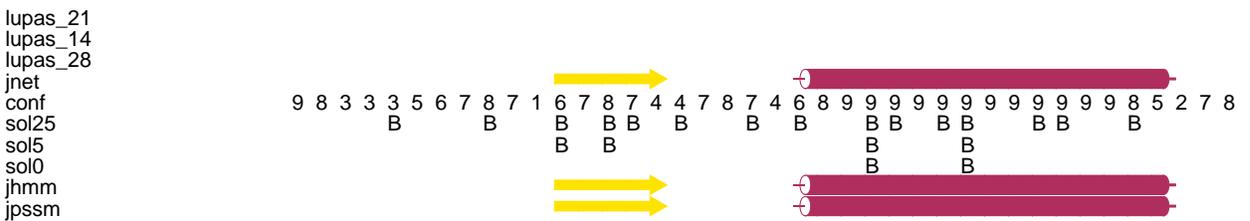
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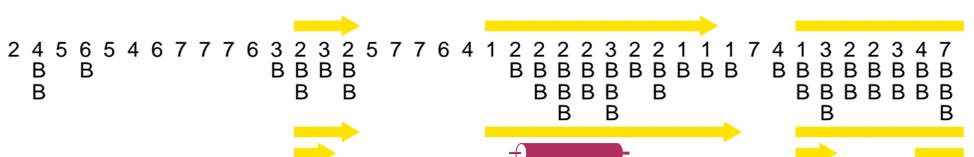
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 GIDA E Y K S P N D V L V N K K K I S G S A Q L K K G N T L L V H G T I
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