

1 10 20 30 40
QUERY GT G A M W L T K L V L N P A S R A A K Q R D L A N P Y E M H R T V L S K A V S 40
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UniRef90_C8XAY3 MY L T R R F P I L N N R A R L E A G K Q K L L L A G S P Q A M H S A A V V H H A G F P P P A S
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UniRef90_T0SJB8 A M V Y L S S R V I E I L D N T K A N R R K K I K D L I A T A N L G A Y H N A V I E E Q A S F P P D E N
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UniRef90_R4RXN7 MY L S S R V I E I V D T K A N R R Q K I S D L T T H L L G A Y H S W V E E N S S F P P P E K E
UniRef90_J3A256 MY I S S R V I E I D H A N R R R K K I K D L T T D P L G A Y H G A V V E E S S A F P P A E D
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UniRef90_L1MJS0 MY I S S R V I E I D S D N R R K I K N L S H V A A Y H S W V E D C F P P P G
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UniRef90_UPI00040CE6BA MY L T Q I E I N P K R R G T R H L L A S P Q Q A M H A A V V L G A C F P P E R
UniRef90_W5YA73 M T S F T R I L L N P E R R Q A R K L L T N P Q A M H A A V L R J A F P P D
UniRef90_C7QEM3 MY L T R R F R F N T A R T G A R R L L T S P Q Q I L H A A V V M Q S F P P A L
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UniRef90_I0RNR6 MY L T K M V I N A R R R G A R K L L M A S P Q A L H A A V V M A S F A N G
UniRef90_UPI0002485463 MY L S R M Y L N P Q R R H C R A L L A N P E M L H A A V L S G F P P D
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UniRef90_G6CGS1 M Y Y L S S R V I E I D V I Q N R A K I K D L T H L L G A Y H N N W V E E Q S F P K E
UniRef90_UPI00034A7E0F H L T R R F R F N T H R S G A R R L L S S P Q Q A M H A A V V M G S F A N L
UniRef90_E8WH21 MF L T R F R V N T A R L G A R R L L S S P Q Q V L H A A V V M S S F P D A
UniRef90_Q04AW8 MY L S S R V I E I D T D N R R Q K I R D L S H L L G A Y H N N W V E R S F P A E
UniRef90_D8I942 MF L S K L T I N V H S R T F R R D Y A N V H D M H R T L M S V Y P P D V
UniRef90_K6UP10 MY L T K F S L N P S R R G T R H L L G S P Q Q R M H A A V V L A C Y P P P E
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UniRef90_UPI0003123CDB H L T R F E L N P A R R A T R H L L A S P H R L H G A V M K A F P P A A
UniRef90_UPI0004057324 M L L T R T Y I L N S R R S G A R K L L G S P Q Q A M H A A L L A G F P P P D
UniRef90_U2L8N5 MY I S S R V E I I D M D D S R K K I R D L T H V I G A Y H N N W V E R S F P S E E
UniRef90_S3BLK8 A P M Y L T Q F R L N T A R A G A R K L L S P Q Q A M H A A V V M S S F P S E E
UniRef90_B1VIX9 M T T F T K T I Q L N D P H R R E A R T L L A S D P Q R M H A A V V R A A F P P P
UniRef90_D3PQC5 MY L S R L Q L D P R S K Q A R T D L A S P Y E L H A T L C H A A F A G
UniRef90_UPI00041746CC MF L T K I D L A P E R R L A R K Y L G S P Q A M H A A V V M G A T G G N

QUERY	50	60	70	80
UniRef90_UPI000479E820	ANDERGERER	LLWRV	LDHSTV	LVVQ
UniRef90_C8XAY3	NGP	SEGRV	LDHSTV	LVVQ
UniRef90_UPI0004788258	S	PRSEGRV	LDHSTV	LVVQ
UniRef90_T0SJB8	I	QKGRKR	HLWRV	LDNRKYL
UniRef90_B6XT65	A	VGNRND	HLWRV	LDNRKYL
UniRef90_F2LXH3	F	GQDR	PRHLWRV	LDNRKYL
UniRef90_R4RXN7	V	VKGRKR	HLWRV	LDNRKYL
UniRef90_J3A256	I	EKSART	KLWRV	LDNRKYL
UniRef90_UPI0003A5D9F8	L	IDES	TRGRV	LDNRKYL
UniRef90_S2VX95	M	ADAN	GRV	LDNRKYL
UniRef90_D5GXZ7	L	KKKR	HLWRV	LDNRKYL
UniRef90_I0URS6	I	KNED	GRV	LDNRKYL
UniRef90_UPI00034C36E8	V	SSGG	ARV	LDNRKYL
UniRef90_UPI00046A4D4F	A	T	H	KR
UniRef90_I7LC17	I	AN	SR	HLWRV
UniRef90_S4NMF0	A	D	H	KR
UniRef90_N1ZDE2	Q	D	K	R
UniRef90_G9WK75	I	S	M	R
UniRef90_UPI00037745EC	L	K	E	G
UniRef90_C2CN15	I	D	E	S
UniRef90_U3Q4B5	S	A	R	E
UniRef90_I0RAB4	G	V	R	S
UniRef90_W5XH21	V	K	Q	G
UniRef90_U7K0N3	L	D	E	S
UniRef90_F8LJ40	L	D	E	S
UniRef90_R6T196	L	K	H	R
UniRef90_D8FH85	N	S	K	K
UniRef90_UPI000466EBCF	A	T	G	E
UniRef90_UPI000360AD1F	G	T	S	D
UniRef90_C8P618	I	A	Q	D
UniRef90_UPI00035DEFE8	P	E	S	A
UniRef90_W5WPN4	L	T	N	E
UniRef90_L0J770	L	E	D	A
UniRef90_I6SWG3	I	E	K	Q
UniRef90_UPI0004755B02	L	D	G	Q
UniRef90_S4G4Y6	V	D	H	E
UniRef90_U7LZ55	M	D	Q	E
UniRef90_F1T4D4	L	T	H	T
UniRef90_K1A304	M	E	Q	S
UniRef90_S2W330	N	P	N	E
UniRef90_UPI00047BB7D5	L	A	S	E
UniRef90_S4XHH7	A	D	S	E
UniRef90_L1MJS0	K	D	E	G
UniRef90_K4INP2	A	V	R	S
UniRef90_F4H8A3	P	T	D	G
UniRef90_M5J7L4	I	E	A	G
UniRef90_UPI0002E67DB6	I	E	K	E
UniRef90_UPI0003461863	L	P	P	Q
UniRef90_UPI000363610C	T	D	E	Q
UniRef90_F7V5D4	W	K	E	S
UniRef90_UPI00034BFD40	V	P	E	P
UniRef90_D1A5U1	Q	E	D	D
UniRef90_G5K129	L	E	Q	K
UniRef90_G2KWT8	I	R	H	K
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UniRef90_UPI00040CE6BA	A	A	T	A
UniRef90_W5YA73	L	S	D	E
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UniRef90_K0JYJ1	A	N	A	A
UniRef90_I9L1A2	I	E	N	A
UniRef90_G5ES68	T	D	Y	S
UniRef90_R6BMI8	R	Q	R	N
UniRef90_UPI00038316B4	R	D	G	Q
UniRef90_UPI000406638D	A	P	G	G
UniRef90_C6R9L5	L	D	Q	G
UniRef90_K0NWW0	I	A	Q	G
UniRef90_UPI00046AE4F8	V	T	S	G
UniRef90_E0NN50	I	K	S	R
UniRef90_F2NAL6	A	K	R	A
UniRef90_J2YZ75	Q	D	N	Y
UniRef90_UPI0003B5B10D	G	P	N	P
UniRef90_A8M405	E	D	H	T
UniRef90_E8PQT4	L	K	E	G
UniRef90_I0RNR6	R	P	T	D
UniRef90_UPI0002485463	A	G	E	Q
UniRef90_K9EFU4	A	G	E	N
UniRef90_G6CGS1	I	A	T	A
UniRef90_UPI00034A7E0F	L	D	S	G
UniRef90_E8WH21	P	P	P	D
UniRef90_Q04AW8	I	A	E	G
UniRef90_D8I942	P	A	D	T
UniRef90_K6UP10	A	Q	T	G
UniRef90_UPI0003830F76	L	P	T	G
UniRef90_D6YAN0	A	P	S	G
UniRef90_UPI0003123CDB	T	P	E	D
UniRef90_UPI0004057324	S	D	P	G
UniRef90_U2L8N5	I	E	K	S
UniRef90_S3BLK8	G	E	A	S
UniRef90_B1VIX9	L	D	E	S
UniRef90_D3PQC5	P	N	Q	T
UniRef90_UPI00041746CC	I	G	D	G

QUERY P K P F H P A L K P G Q R L R F R L R A N P A K R L A A T G K R V A L K T P A E
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UniRef90_C8XAY3 Y D G L L D R L L A Q E E G Q Q W A F F R L R A N P V V K A A K N D I G K R V A G H V T V A A Q Q
UniRef90_UPI0004788258 Y Q P L L D R I L L A I G G Q Q H W A F F R L R A N P V V R K V K A K N D I G K R V A G H V T V A A Q Q
UniRef90_T0SJB8 Y S P F L I N S I L K A K G Q Q Q W F F R L R A N P V L R K R K N D G E R F P H I T T I N D Q Q
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UniRef90_S2VX95 Y S P L V E N L L A E G Q Q Q F H F R L T A N P V K Q E F G R G K R V G H K T P E H
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UniRef90_I0URS6 Y G R L L A K L L E N G Q Q E W G F F R L T A N P V K R Q V K S G K T W P H I V T P V L Q Q
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UniRef90_UPI00046A4D4F Y D S Y L L N R L L E N M G E K L R F F R L T A N P T Y K L Y G K S R G R I V P H I T T V D Q A
UniRef90_I7LC17 Y D F F L E K I V L K E G Q Q K Y R F F R L T A N P T H K D S K T G R V I M P H I T T V D G A
UniRef90_S4NMF0 Y D P F L D Q Q V L K E G Q Q I M Q F F R L T A N P T H A T S Q P G K I V P H I V T T V N A Q Q
UniRef90_N1ZDE2 Y D D F L D K L L Y E G E I L R F F R L T A N P T R K L S V P G Q R M P H I T T I E I A Q N
UniRef90_G9WK75 Y D S F L A S I L Q V E G K K Y R F F R L T L N P V V V A K E K R G K P V P L L T I E I A Q N
UniRef90_UPI00037745EC P K P F T P V L L R E G Q Q V L R F F R L R A N P S K R A K D R G E R V A L K T P A E
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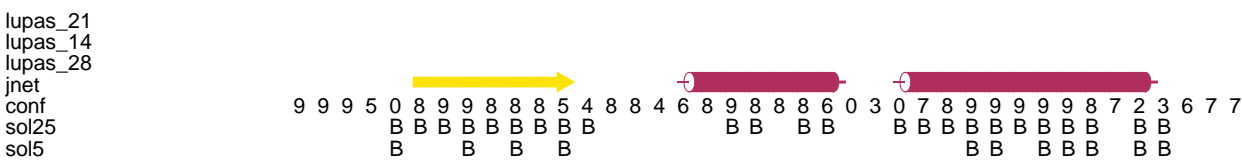
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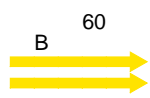
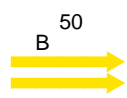


30

B



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70



sol0
jhmm
jpssm



sol0
jhmm
jpssm

