

QUERY	1	10	20	30	40
UniRef90_T1FYH6	M	P	P	P	P
UniRef90_G3NDS5	L	P	P	P	P
UniRef90_F6R8R3		P	P	P	P
UniRef90_E9GB01		P	P	P	P
UniRef90_H3B558		P	P	P	P
UniRef90_A9V0Y7		P	P	P	P
UniRef90_S4R7F0		P	P	P	P
UniRef90_R1EMK5		P	P	P	P
UniRef90_Q6NVM4		P	P	P	P
UniRef90_J3JUS4		P	P	P	P
UniRef90_Q0UQG7		P	P	P	P
UniRef90_S4RMX4		P	P	P	P
UniRef90_H2TGT0		P	P	P	P
UniRef90_D5GH83		P	P	P	P
UniRef90_X8JDH7		P	P	P	P
UniRef90_E0VT79		P	P	P	P
UniRef90_UPI00034F283E		P	P	P	P
UniRef90_G5APC4		P	P	P	P
UniRef90_UPI0002657AE7		P	P	P	P
UniRef90_W5EB05		P	P	P	P
UniRef90_T1IPF9		P	P	P	P
UniRef90_J9K081		P	P	P	P
UniRef90_B4LU33		P	P	P	P
UniRef90_F4PBM8		P	P	P	P
UniRef90_F1KXD6		P	P	P	P
UniRef90_U5EUZ2		P	P	P	P
UniRef90_U4LN66		P	P	P	P
UniRef90_E9BYD2		P	P	P	P
UniRef90_V3ZFQ1		P	P	P	P
UniRef90_M5G5I9		P	P	P	P
UniRef90_F2UPX5		P	P	P	P
UniRef90_R7TUB5		P	P	P	P
UniRef90_T11199		P	P	P	P
UniRef90_R7YPF2		P	P	P	P
UniRef90_W5JB36		P	P	P	P
UniRef90_Q754L1		P	P	P	P
UniRef90_B7QL57		P	P	P	P
UniRef90_S2JGZ3		P	P	P	P
UniRef90_I1FF25		P	P	P	P
UniRef90_S8DFL8		P	P	P	P
UniRef90_S8ETS5		P	P	P	P
UniRef90_S8AQR4		P	P	P	P
UniRef90_A7RQH5		P	P	P	P
UniRef90_M0SMU3		P	P	P	P
UniRef90_B3S128		P	P	P	P
UniRef90_D8RZC6		P	P	P	P
UniRef90_K1QI97		P	P	P	P
UniRef90_I117J0		P	P	P	P
UniRef90_A0A024JL23		P	P	P	P
UniRef90_I024B8		P	P	P	P
UniRef90_H3AI51		P	P	P	P
UniRef90_A9T3S4		P	P	P	P
UniRef90_UPI0003F4992E		P	P	P	P
UniRef90_H6QVL6		P	P	P	P
UniRef90_H3FP07		P	P	P	P
UniRef90_V2XCJ4		P	P	P	P
UniRef90_A8XNT3		P	P	P	P
UniRef90_V7AEZ6		P	P	P	P
UniRef90_D3B6D7		P	P	P	P
UniRef90_L8HMG4		P	P	P	P
UniRef90_B6H4X2		P	P	P	P
UniRef90_C1EGX1		P	P	P	P
UniRef90_N1PX98		P	P	P	P
UniRef90_W9WNT4		P	P	P	P
UniRef90_G8ZPS7		P	P	P	P
UniRef90_G7DSB3		P	P	P	P
UniRef90_Q6CF38		P	P	P	P
UniRef90_E5A6K3		P	P	P	P
UniRef90_S7QG78		P	P	P	P
UniRef90_G0VI80		P	P	P	P
UniRef90_K1X3T9		P	P	P	P
UniRef90_UPI0002036AB4		P	P	P	P
UniRef90_A3EXP7		P	P	P	P
UniRef90_T1KL07		P	P	P	P
UniRef90_F9XKY6		P	P	P	P
UniRef90_C3Z247		P	P	P	P
UniRef90_K5WZJ6		P	P	P	P
UniRef90_I4YES5		P	P	P	P
UniRef90_P54654		P	P	P	P
UniRef90_U9UZP6		P	P	P	P
UniRef90_W0T7W9		P	P	P	P
UniRef90_S3D981		P	P	P	P
UniRef90_UPI00044139FD		P	P	P	P
UniRef90_P36621		P	P	P	P
UniRef90_L7IB32		P	P	P	P
UniRef90_A7TNC1		P	P	P	P
UniRef90_C4R2Z1		P	P	P	P
UniRef90_M7S6L2		P	P	P	P
UniRef90_R8BQ23		P	P	P	P
UniRef90_W7IH06		P	P	P	P
UniRef90_U5H316		P	P	P	P

QUERY
UniRef90_T1FYH6
UniRef90_G3NDS5
UniRef90_F6R8R3
UniRef90_E9GB01
UniRef90_H3B558
UniRef90_A9V0Y7
UniRef90_S4R7F0
UniRef90_R1EMK5
UniRef90_Q6NVM4
UniRef90_J3JUS4
UniRef90_Q0UQG7
UniRef90_S4RMX4
UniRef90_H2TGT0
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UniRef90_W5EB05
UniRef90_T1IPF9
UniRef90_J9K081
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UniRef90_U4LN66
UniRef90_E9BYD2
UniRef90_V3ZFQ1
UniRef90_M5G5I9
UniRef90_F2UPX5
UniRef90_R7TUB5
UniRef90_T11199
UniRef90_R7YPF2
UniRef90_W5JB36
UniRef90_Q754L1
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UniRef90_S2JGZ3
UniRef90_I1FF25
UniRef90_S8DFL8
UniRef90_S8ETS5
UniRef90_S8AQR4
UniRef90_A7RQH5
UniRef90_M0SMU3
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UniRef90_H3AI51
UniRef90_A9T3S4
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UniRef90_V2XCJ4
UniRef90_A8XNT3
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UniRef90_D3B6D7
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UniRef90_C1EGX1
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UniRef90_G8ZPS7
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UniRef90_K1X3T9
UniRef90_UPI0002036AB4
UniRef90_A3EXP7
UniRef90_T1KL07
UniRef90_F9XKY6
UniRef90_C3Z247
UniRef90_K5WZJ6
UniRef90_I4YES5
UniRef90_P54654
UniRef90_U9UZP6
UniRef90_W0T7W9
UniRef90_S3D981
UniRef90_UPI00044139FD
UniRef90_P36621
UniRef90_L7IB32
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UniRef90_M7S6L2
UniRef90_R8BQ23
UniRef90_W7IH06
UniRef90_U5H316

50 60 70 80
Q[V]L[V]Q[V]L[V]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_T1FYH6 N[S]T[I]T[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_G3NDS5 K[S]T[C]I[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_F6R8R3 K[T]T[I]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
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UniRef90_A9V0Y7 D[C]T[I]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_S4R7F0 N[S]T[V]N[I]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_R1EMK5 N[S]T[T]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_Q6NVM4 N[S]T[L]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_J3JUS4 N[S]T[V]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_Q0UQG7 N[S]T[T]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_S4RMX4 N[S]M[L]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_H2TGT0 S[C]T[L]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_D5GH83 N[S]T[T]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_X8JDH7 N[S]T[T]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_E0VT79 D[S]T[L]V[V]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_UPI00034F283E N[S]T[L]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_G5APC4 N[S]V[L]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_UPI0002657AE7 N[S]V[L]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_W5EB05 D[S]V[L]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_T1IPF9 N[S]T[C]I[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_J9K081 N[S]T[I]T[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_B4LU33 G[S]T[L]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_F4PBM8 D[S]T[L]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_F1KXD6 N[S]V[L]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_U5EUZ2 D[S]T[L]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_U4LN66 N[S]T[L]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_E9BYD2 G[S]T[I]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_V3ZFQ1 N[S]T[L]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_M5G5I9 N[S]V[L]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_F2UPX5 K[T]T[I]K[I]S[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_R7TUB5 Q[S]T[L]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_T11199 D[S]T[L]K[V]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_R7YPF2 N[S]T[L]R[I]T[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_W5JB36 G[S]T[L]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_Q754L1 N[S]F[L]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_B7QL57 N[S]V[L]V[V]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_S2JGZ3 N[S]T[L]R[I]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_I1FF25 K[S]T[I]K[V]H[R]G[K]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_S8DFL8 E[S]V[L]H[R]G[K]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_S8ETS5 S[S]T[L]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_S8AQR4 N[S]T[L]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_A7RQH5 D[S]V[V]I[K]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_M0SMU3 D[S]V[L]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_B3S128 N[C]V[L]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_D8RZC6 G[S]V[L]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_K1QI97 N[C]V[L]K[V]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_I117J0 D[S]V[L]L[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
UniRef90_A0A024JL23 N[C]T[I]Q[Q]K[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
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UniRef90_UPI0003F4992E N[S]V[L]K[I]S[G]K[V]N[S]A[I]S[L]S[E]T[K]K[C]S[V]V[V]L[D]S[S]G[M]D[V]I[K]S[N]K[V]
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UniRef90_F9XKY6 N V L V P P E E A D D S K E C P I P P E Q I R T Y I K G G K L M S E I V E H
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UniRef90_U9UZP6 N V N L P G G E N G D Y A E R P V P P E Q Q L K T T I V N G K L V S V P V E H
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UniRef90_C4R2Z1 N I N V P D E D G D F R E M A P P E Q F K H T V A G N L Q T T V V E H
UniRef90_M7S6L2 N L N V I A G P D D D D Y R E L P L P F Q I C S Y Y D E E K V V N E I V D H
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UniRef90_W6MX0 P A K K E L D T K W L V E N F D N P G E V I T I E V G E M H H T S V L I I S R R C C C N
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UniRef90_K5Y4R1 P K F T L D G S K W L V E H Q E N N A V I T I D Q T S L N Q S I L I I Y N C C C N
UniRef90_C1MP27 L S L E G K K W A V E N H V G N K T I E L N D V N P K Q T V V Y V Y N R C C C Q
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UniRef90_T2MFW9 P A V F Q L Q N K K W L I E H Q E G E N N H L E I A Q C N D K Q T V V Y M F K C C C N
UniRef90_UPI0004407696 P S K F V L E G T K W T I E Y Q E N E P A L V E N T E L S H L V I Y K C C C K
UniRef90_E4WUL8 P V F E L D G K K W M I E Y Q R G N K G L Q I D G N M K Q T V V Y V F K C C C E
UniRef90_K71QU8 P V F M R D G K K W L I E Y H K G N K N I V V E N T E M N N V I Y V Y F R R C C C Q
UniRef90_R7QP74 P L C E L Q G K K W T V E N Q I D N R A L E I K C E S M R H T V Y V Y F R R C C C E
UniRef90_A8NH62 P P K F V L E G N K W L I E W Q E N E S Q L V V E N V I N Q S V N I F N C C C K
UniRef90_B2B330 P P K K V L E G N K W T I E N Y D S Q D D E P I E I E I Q A Q S L L I S R R C C C T
UniRef90_U1GTM8 P P R K D L D G N K W I I E N F D N A S D V V E I Q A Q S I L I I S R R C C C T
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UniRef90_L1K1A5 P P K M E K N G A K W F I E N M E N N R D L K I D D A S T K T Q S V C M A Q C C C K
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UniRef90_K1VCJ5 P L E L E G N K W A V D N Q E D A R N L E I K D T A L H H T V H L F N C C C K
UniRef90_K0KEY5 P I V E L Q D S K W L I K N V E G D H G I V I N G E L D D Q S V F I A D G C K
UniRef90_A0A024UGE9 P V C E L R G D N W Y I A Y Q K D V F T V K D V T M K Q Q V Y I F N C C C V
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UniRef90_A5DAM8 P A K K E L D G S K W L I E N F Q D S E P I V I E T D M T S V F I F N C C C Q
UniRef90_M7XY86 P P K K E L D G N K W N I E N F E N D R A L V D Q T E N Q T V N V F N C C C V
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UniRef90_K3XC52 P V C E V R N G N W Q I E Y Q T A A A P L T V S D I N M K Q V Y I Y G C C C E
UniRef90_U4U6B2 P P V F T R D G K K W V I E Y Q T R N H N L I V E N A E M N N V Y L Y Y G C C C T
UniRef90_G8Y0U3 P P K K E L D D T K W I I N N F E D V S E P I T I E A E K H Q S I F V F G N C C C K
UniRef90_D8PWN9 P A K L A L E G K A W N V E Y Q E N E P A L T L E D V Q M N Q T V N L Y F N C C C V
UniRef90_D7FIY2 P P K L E F Q G M K W V V E N Q G S S G V V T V E T D K H Q V I Y G C C C V
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UniRef90_A8XEJ6 P K L W D G K V W K L I E H Q V E N R D V V V E V K D K E A I Y I Y K C C C T
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UniRef90_F0VMP1 K L E L Q G D T W R V C E F V D K K D I I K I D A T M K Q K V Q I R D C C C K
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UniRef90_D8TLU8 E N F S G R G D L L V E N N A P K N S V Y V Y F G C C C T
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UniRef90_B5RUK6 P A K M E L D G T K W I I E N F T E A Q Q P L V V I E A E M Q Q S V F L G N C C C S
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UniRef90_C4Y6Y9 P T R K E L D G S K W M I E N F T D V S G P I V I D T E M S Q S V F I G N C C C S
UniRef90_K0TR62 P P K C E Y Q G C K W N V E N Q T K E S V C S V E V T D P K Q Q V Y I Y G N C C C Q
UniRef90_H8X4X5 P K K E L D G S K W I I Q N F T Q N Q A P I I E T E N S Q S V F I G N C C C S
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UniRef90_Q7SAN3 P A K K A L E G N K W I I E N Y D A A G N V E I E A S I L I I S R R C C C N
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UniRef90_A0A059LBT4 P R K E L Q G R W V V E H G V G D R E I V V D D T Q P H Q Q T V Y V Y G C C S
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UniRef90_B8M2E3 K T I V K V N S G K A N A I T I V D K C S 60 G V V F T D V A C E V V N C N 80
UniRef90_C5P5C3 K T I V K V N S G K A N A I T I V D K C S 60 G V V F T D V A C E V V N C N 80
UniRef90_C5DCT7 N V F V K E I G G K V N A I V S L L S C C T K T S V L V L D T L V S S S L E V I T R C H D F F
UniRef90_M5EDI3 N C V V E I K G G K V N A I V S L L S C C T K T S V L V L D T L V S S S L E V I T R C H D F F
UniRef90_B7Z214 K S T I V K N G G K V N A I T I V D N C K K L G S V L V F E D N S L V S S S I V I D V V N K A P Q D K F
UniRef90_C1HA05 K A I V K V N S G K A N A I T I V D N C K K L G S V L V F E D N S L V S S S I V I D V V N K A P Q D K F
UniRef90_A0A016VZP0 D S V I V V K G G K V N A I T I V D S E C R K T S S V L V F D A S A Q C E T I V N C C Q Q S K F
UniRef90_J7S2H3 N V L V Q V E G G K V N A I V S I S E N S P K L L L V D D S S I S G S V V D D L V I N K S S S K F F
UniRef90_N1JIW8 K T T I V H G K A N A I S I D N C N S P K L L L V D D S S I S G S V V D D L V I N K S S S K F F
UniRef90_H2XY10 N S V L T I N E K V N A I V L D S S C C K K T S G V V F T D T S V S S G V L D V I N N C C Q Q S S K F
UniRef90_B6JYT5 N C T I I K G G K V L N A I V S M S E R C K R T S V L V V D D T Q L V S S G V I E V I K S V Q N S A N G F F
UniRef90_W6MX0 N I V V Q V K G K V N A I V S V I S E S E D R K T C N L L V V D D S S I S G I E V I K S V Q N S A N G F F
UniRef90_G8JU0 N V L V R I N G G K V N A I V S V I S E S E D R K T C N L L V V D D S S I S G I E V I K S V Q N S A N G F F
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UniRef90_T4ZYP2 K T I V I V K G K A N A I T I V D N C K K L G S V L V F E D N T V S S S L E D V I N K V Q K K M F
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UniRef90_C7ZPQ7 N T T I L I R G G K A N A I T V E N S S T R L S I L V E T L V S S T L E D V V K A Q Q S F F
UniRef90_G4LV18 E C T I Q I K G G K I N A I M M D N C C K K T S G V L F E D H L I S S S L E D V I N C C Q Q S F
UniRef90_UPI00045610A1 N C T I Q I K G G K I N A I V M M D N C C K K T S G V L F E D H L I S S S L E D V I N C C Q Q S F
UniRef90_G2Q2Y4 N A T I I L K G K A N A I V T V E N T N R I S I L I V E S L V S S T L E D V I K S S Q S F F
UniRef90_C5FHD7 K T I I K V N S G K A N A I T L D N C V G V S I L I V E S L V S S S I S A I L C C Q S K F
UniRef90_K5Y4R1 N T T V I V K G K V N A I V T L D N C V G V S I L I V E S L V S S S I S A I L C C Q S K F
UniRef90_C1MP27 D C V I K I N G K A N A I V T M D A C A K S A I V F D D V L A T C E I I N C C A S V V
UniRef90_U6IC50 D S S C K I K G G K V N A I T L D S C C C T K T Y L V F E E A I S G V I D V I K S R D N F
UniRef90_W1QKJ2 S S I K I K G K V N A I T L N E C C K V G L V V E K A I S G I D V I K S R D N F
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UniRef90_T2MFW9 L S T L H I K G G K V N A I T L D S C C C K T S V V F D G L V A Q C E I I N C C Q Q S K F
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UniRef90_R7QP74 K S T I V K G K V N S I S I D N C C K K V D L V F E D A L S Q V E I V N S C Q S S K F
UniRef90_A8NH62 Q S T I I V K G K V N A I V T I H N S S K T A L V V E S V V S S V I S V T A S P S F
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UniRef90_U1GTM8 K C T I K V T G K A N A I S I S I L V D D S L V S S S L D A V I K S P K F
UniRef90_UPI000359EADF G C T I Q V K G K I N S I T L D S C C K K T A L V F D E L V A C L E F V I N C C Q S M
UniRef90_L1K1A5 G S L D P K G K I N T V Q M D G C K T K T S M V V D S C V A S V G E V I N S E Y S C
UniRef90_G3SD18 K S A L P M K G K V N S I V E N C C K M F G L V F D S V V S V G E I V N S E Y S C
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UniRef90_K0KEY5 D S T L Q I K G G K V N A I S I S S T T K V G L V L V E S A I S A I E I V N C C K K F
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UniRef90_C5DZN6	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_E9EZ35	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_B8M2E3	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_C5P5C3	A V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_C5DCT7	A A Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_M5EDI3	A Q L Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_B7Z214	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_C1HA05	Q I L Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_A0A016VZP0	G L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_J7S2H3	A M Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_N1JIW8	K V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_H2XY10	G C Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_B6JYT5	E I Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_W6MXY0	E I Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_G8JUHO	Q I L Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_E5SI21	Q I L Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_T4ZYP2	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_G9NN71	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_G1KCH2	Q Q V Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_U6HVD0	A V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_W2S479	E V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
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UniRef90_M9MCE9	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_C7ZPQ7	K L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
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UniRef90_G2Q2Y4	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_C5FHD7	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_K5Y4R1	Q V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_C1MP27	K V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_U6IC50	E V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_W1QKJ2	Q I Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_O02096	K V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
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UniRef90_E4WUL8	Q M Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_K7IQU8	K V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_R7QP74	T L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_A8NH62	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_B2B330	Q V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_U1GTM8	Q A Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_UPI000359EADF	E I Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_L1K1A5	E I Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_G3SD18	Q V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_K1VCJ5	E V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_K0KEY5	G V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_A0A024UGE9	E I Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_M7P4X3	G V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_A5DAM8	T V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_M7XY86	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_L8G719	E V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_W9S8N2	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_U7Q533	A L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_F0XF31	G L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_A5E156	Q V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_G7YM97	Q F Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_A0A058Z7H4	Q V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_K3XC52	G L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_U4U6B2	A Q V Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_G8Y0U3	A Q V Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_D8PWN9	G L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_D7FIY2	G L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_M3IQG2	G L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_G3AHT7	Q V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_A8XEJ6	T V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_H2YWX0	Q V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_G0NJR7	T L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_UPI000440C7FA	G L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_A3M087	K L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_W4Y147	K F Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_F0VMP1	E V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_E1ZTS9	G V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_I2GXV4	Q V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_T0QVB9	G I Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_C5M2U4	Q L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_D8TLU8	T L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_R1CZS5	G L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_B5RUK6	Q V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_D2V1W7	K Q V Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
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UniRef90_C4Y6Y9	Q V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_K0TR62	G L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_H8X4X5	T L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_UPI00044176B2	R V Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
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UniRef90_Q7SAN3	E I Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
UniRef90_E3MGH8	G L Q Q	V E Q G S A P	Q T I Q I S V	D N K S D G G G Q Q L
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UniRef90_J7S2H3 NVNLLVIG E D D D D Y V E F P L P E P E Q L K H S F A N G K M N S A V L E H H
UniRef90_N1JIW8 NVNLLVDA D D D D D Y K E E P L P E P E Q L R T W I D G G K V M N E L V E H H
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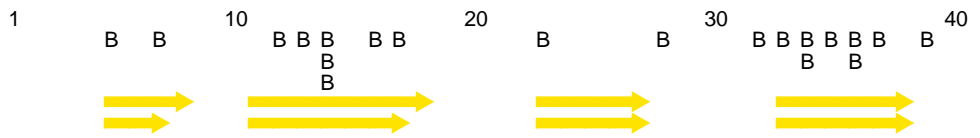
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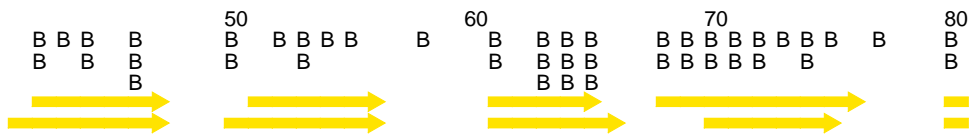
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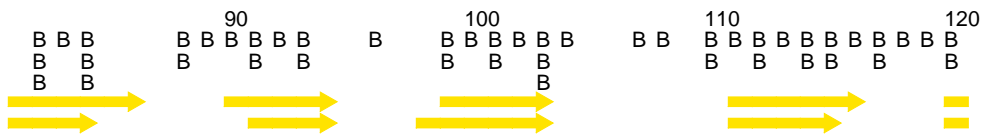




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