

Characterization of the mRNA untranslated regions [UTR] of the *Trypanosoma cruzi* LYT1 isoforms derived by alternative *trans*-splicing

Suppl. 7. Multiple alignment of a segment of 3' UTR-II sequence from *T. cruzi* isolates listed in Table 1 and those sequences obtained in this study from 058PUJ (GenBank ID: KU973678) and D.A. (GenBank ID: KU973679) isolates. Sequences were aligned with CLUSTAL Omega [1.2.4] program. Numbers on the right correspond to the nucleotide position in the sequence. An asterisk means that nucleotides are identical in all sequences show in the alignment. The motifs of RNA are indicated in bold. The polymorphisms present in the RNA motifs are shown in red letters.

JR_cl._4	GGAGGUACGAUGCGAGAAGAAGAAGAAAAA--AA-----AAAAAGAAAGAAGUAA	286
Dm28c	GGAGGUACGAUGCGAGAAGAAGAAGAAGAA--AAA-----AAAAAGAAAGAAGUAA	287
Sylvio_X10/1	GGAGGUACGAUGCGAGAAGAAGAAGAA--A-AA-----AAAAAGAAAGAAGUAA	283
KU973678.1	GGAGGUACGAUGCGAGAAGAAGAAGAAG--AAA-----AAAAAGAAAGAAGUAA	289
KU973679.1	GGAGGUACGAUGCGAGAAGAAGAAGAAG--AAA-----AAAAAGAAAGAAGUAA	289
CLBrenerEL	GGAGGUACAAUGCGAGAAGAAGAAGAAG--AAAA--AGAAAAAAGAAAGAAGUAA	289
Esmeraldo	GGAAGUACAAUGCGAGAAGAAGAAGAAG--AAAGGAAAAAAGAAAGAAGUAA	291
Y	GGAAGUACAAUGCGAGAAGAAGAAGAAG--GAAAAAAGAAAGAAGUAA	293
CLBrenerNEL	GGAGGUACAAUGCGAGAAGAAGAAGAAG--AAAA--AGAAAAAAGAAAGAAGUAA	289
CLBrener	GGGAAGUACAAUGCGAGAAGAAGAAGAAG--AAAAAAGAAAGAAGUAA	298
Tula.Cl2	GGAAGUACAAUGCGAGAAGAAGAAGAAG--AAG--GAAAAAAGAAAGAAGUAA	295
Marinkellei	AGAAGUACAAUGCGAUAAGAAAAAAGGAA-AAUAA-----	261
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JR_cl._4	AAUGACGUUCGAGCGUAGUUAAGCAUACCCUUUUGAGUGCACUGAACAGAUAAACAACA	346
Dm28c	AAUGACGUUCGAGCGUAGUUAAGCAUACCCUUUUGAGUGCACUGAACAGAUAAACAACA	347
Sylvio_X10/1	AAUGACGUUCGAGCGUAGUUAAGCAUACCCUUUUGAGUGCACUGAACAGAUAAACAACA	343
KU973678.1	AAUGACGUUCGAGCGUAGUUAAGCAUACCCUUUUGAGUGCACUGAACAGAUAAACAACA	349
KU973679.1	AAUGACGUUCGAGCGUAGUUAAGCAUACCCUUUUGAGUGCACUGAACAGAUAAACAACA	349
CLBrenerEL	AAUGACGUUCGAGCGUAGUUAAGCAUACCCUUGAG--UACACUGAACAGAUAAACAACA	347
Esmeraldo	AAUGACGUUCGAGCGUGGUUAAGCAUACCCUUGAG--UACACUGAACAGAUAAACAAGCA	349
Y	AAUGACGUUCGAGCGUGGUUAAGCAUACCCUUGAG--GACACUGAACAGAUAAACAAGCA	351
CLBrenerNEL	AAUGACGUUCGAGCGUAGUUAAGCAUACCCUUGAG--UACACUGAACAGAUAAACAACA	347
CLBrener	AAUGACGUUCGAGCGUGGUUAAGCAUACCCUUGAGUCCUGGACAGAUAAACAAGC----	354
Tula.Cl2	AAUGACGUUCGAGCGUGGUUAAGCAUACCCUUGAG--UACACUGAACAGAUAAACAAGCA	353
Marinkellei	-----CGUUCGAGCGUAGUUAAGCACACUCUUGAG--UUCACUGAACAGAUAAACAAGCA	314
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