

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

Suppl. 1. List of primers used in this study. **(1).** First annealing temperature. **(2).** Second annealing temperature.

Region of interest	Primer	Sequence	Annealing temperature (°C)	Amplification product size (bp)
5' UTR isoform <i>m</i> LYT1	TC-SL-F	5'-AACTAACGCTATTATTGATACAGTT-3'	58.9	83
	LYT1 4-r UJ	5'-GCATGAGAGCGAGCACGGC-3'		
5' UTR isoform <i>Δ</i> LYT1	TC-SL-F	5'-AACTAACGCTATTATTGATACAGTT-3'	(1). 54	114
	LYT188r	5'-CCATAAATTTATTGGCAATGGCAG-3'	(2). 48	
3' UTR LYT1 [a]	LY1648F	5'-CAGCTTGAAAACATGCTGG-3'	53	264/380
	PolI T- ECO R1	5'-CGGAATTCITTTTTTTTTTTTTTTTTT-3'		
3' UTR LYT1 [b]	LY1648F	5'-CAGCTTGAAAACATGCTGG-3'	(1). 54	261
	ACAC-HindIII-Oligo[dT] ₂₅	5'-ACACAAGCTTTTTTTTTTTTTTTTTTTTTT-3'	(2). 60	
3' UTR LYT1 [c]	LY3U167F	5'-GTGAGTGGAAATGAGCAAGC-3'	(1). 62	127
	ACAC-HindIII-Oligo[dT] ₂₅	5'-ACACAAGCTTTTTTTTTTTTTTTTTTTTTT-3'	(2). 58	
Upstream region <i>LYT1</i> gene	TGA 142-F	5'-GAGTCTGCTGCTGATGCCATG-3'	60	500
	LYT188r	5'-CCATAAATTTATTGGCAATGGCAG-3'		
Downstream region gene <i>LYT1</i>	LY1648F	5'-CAGCTTGAAAACATGCTGG-3'	53	1000
	ATG+206R	5'-AGATTACACGTGCAACACG-3'		