

**Additional file 1 - Comparative analysis of *Lxc*-IS elements and the most related IS element of *Lxx* genome.**

<i>Lxc</i> -IS (GenBank ID)	Most related <i>Lxx</i> -IS	Percentage of identity/similarity with <i>Lxx</i> IS elements	
		Nucleotides <sup>a</sup> (whole element)	Amino acids <sup>b</sup> (ORF only)
<i>IS1237</i> (X75973)	<i>ISLxx6</i>	85%	78%
<i>ISLxc1</i> (DQ191803)	<i>ISLxx3</i>	71%	75%
<i>ISLxc2</i> (EF176596)	<i>ISLxx4</i>	70%	63%
<i>ISLxc3</i> (EF421582)	<i>ISLxx5</i>	71%	69%
<i>ISLxc4</i> (EF433175)	<i>ISLxx5</i>	57%	52%

<sup>a</sup> Nucleotides sequences were aligned across their entire length, from IR to IR (global alignment).

<sup>b</sup> Amino acid sequences were aligned using Blast2seq (local alignment) (<http://www.ncbi.nlm.nih.gov/blast/bl2seq/wblast2.cgi>)