

TABLE S1: Primers used for RT-PCR in this Study

Gene	Primer Name	Sequence
<i>recA</i> (SPy_2116)	CK040	ATTGATTGATTCTGGTGCGG
	CK041	ATTTACGCATGGCCTGACTC
<i>lctO</i> (SPy_0414)	CK070	ACTGGCCAATGAACAAGGAG
	CK071	TTCTGGCAGGTCAGTTGTTG
<i>ackA</i> (SPy_0109)	CK509	TCACTAGAAATGCCTGACACCCCAC
	CK510	AGCTGGTCCTATGATGGGAACACG
<i>malM</i> (SPy_1292)	CK503	TGTGGGGAAATCCAACCTAC
	CK504	ATCACCAGCAGGAATTTCCC
<i>xpt</i> (SPy_1136)	CK523	AGCTTCAGGTATTGCACCAGCC
	CK524	TAGACACCGTGCTCGTCACTTG
<i>dexS</i> (SPy_2096)	CK507	CTCGTGACAAATGGATGGAAGCCG
	CK508	CTGCGAGACTTATTCCATGCCTGG
SPy_1507	CK497	GTTACCACCGATTGGGCACCATTC
	CK498	CGTCCTCAAATGCCATGCG
<i>arcA</i> (SPy_1543)	CK462	ATGCCAAAATCTTCCCACGGAATC
	CK463	GAGCATAAGGAACTCTTCCAGTTGC
<i>speB</i> (SPy_2039)	JL17	GTCGGTAAAGTAGGCGGACA
	JL18	GCCACCAGTACCAAGAGC