

S. saprophyticus MLST – Loci, primer sequences, allele data

Locus	Genome Position*	Gene	PCR Primers (5'→3')	PCR Product	MLST Allele length	Allele Sequence position in full length gene
<i>gtr</i>	NC_007350.1: 273237-273968	amino acid ABC transporter - ATP binding protein	F: GAGAAGTTGTGACATTTATTGGAC R: TGATTAAAGATTGCTCTGGAG	601	459	154-612
<i>ppm</i>	NC_007350.1: 779096-780283	Phospho-pentomutase	F: GCATACGCTCGAAGGATTTG R: TTTTACCAAGGGCAATGACA	614	480	196-675
<i>hsp60</i>	NC_007350.1: 880637-882259	chaperonin GroEL	F: GTGCTTAACCGTATGCGTGG R: AACGTGTCACTTTCGTTGGA	715	468	967-1434
<i>dnaJ</i>	NC_007350.1: 1223765-1224901	Chaperone protein dnaJ	F: AGCAAAAGCGCTTCTAAAGAT R: ATCATCGCCGTCTCTTTCAA	774	636	112-747
<i>glpF</i>	NC_007350.1: 1512572-1513390	glycerol uptake facilitator	F: AGGAGGAGTCTCTATGAGTGTG R: ACTGACATTGTATCAAACGC	741	441	136-576
<i>gmk</i>	NC_007350.1: 1629694-1630317	guanylate kinase	F: GGTTCGTTGATTGTACTATCTGG R: TTGCTTCTATACGTTCTCTCTTC	574	438	79-516
<i>tpiA</i>	NC_007350.1: 1980822-1981583	triosephosphate isomerase	F: TGAGAAAACCAATTATCGC R: ACCATCAATGTCTGATTCTG	695	531	88-618

* Type strain ATCC 15305 is the referent genome