

Table S1. Primers used in this study.

Primers	Nucleotide sequence (5' to 3')	Employment
<i>sptI</i> -1820-UF1	GCTCGTAGCCAAGTAGGG	<i>sptI</i> deletion strain construction
<i>sptI</i> -78-UR1	CTCCTTCAATATCAGTTAAGGTCGAAAACGCAGCGAAACAGA	<i>sptI</i> deletion strain construction
<i>sptI</i> -325-DF1	AAATTCCGTCACCAGCCCTGGGTGCCCCAATCCTCGCAATCTT	<i>sptI</i> deletion strain construction
<i>sptI</i> -1557-DR1	GGTCGCCATTATCCGTTG	<i>sptI</i> deletion strain construction
<i>hph</i> -F	CGACCTTAACGTATATTGAAGGAG	<i>hph</i> markers amplification
<i>hph</i> -R	CAACCCAGGGCTGGTGAC	<i>hph</i> markers amplification
<i>sptI</i> -1458-UF2	ATTCTGTCTCAGTATGGG	strain construction
<i>sptI</i> -1287-DR2	GAGGAGTCTGGGTCTTGTT	strain construction
<i>sptI</i> -1820-UF1	GCTCGTAGCCAAGTAGGG	<i>sptI</i> complement strain construction
<i>sptI</i> -1498-R1	TTTGATGATTTCAGTAACGTAAAGTTAATGGTGATGGTGATG ATGCTCGGAGAGCTCAGAGATGAA	<i>sptI</i> complement strain construction
<i>sptI</i> -325-DF2	TTATGTGTAACAAGAAAGACAGTATAATACAAACAAAGATGC AAGAGCGGCCCAATCCTCGCAATCTT	<i>sptI</i> complement strain construction
<i>sptI</i> -1557-DR1	GGTCGCCATTATCCGTTG	<i>sptI</i> complement strain construction
<i>TrpC</i> -F1	ACTTAACGTTACTGAAATCAT	<i>sptI</i> complement strain construction
<i>TrpC</i> -R1	ACAATTCACACAACATACGAGCCGGAAGCATAAAGTGTAAG GCCTGGGGGAGTGGAGATGTGGAGTGGG	<i>sptI</i> complement strain construction
<i>ptrA</i> -F	CCCCAGGCTTTACACTTTAT	<i>ptrA</i> markers amplification
<i>ptrA</i> -R	CCGCTCTTGCACTTTTGTT	<i>ptrA</i> markers amplification
<i>sptI</i> -1820-UF1	GCTCGTAGCCAAGTAGGG	Spt1-eGFP fusion strain construction
<i>sptI</i> -1498-R2	TCGACCAGGATGGGCACCACCCCGGTGAACAGCTCCTCGCCC TTGCTCACCTCGGAGAGCTCAGAGATGAA	Spt1-eGFP fusion strain construction
<i>sptI</i> -325-DF2	TTATGTGTAACAAGAAAGACAGTATAATACAAACAAAGATGC AAGAGCGGCCCAATCCTCGCAATCTT	Spt1-eGFP fusion strain construction
<i>sptI</i> -1557-DR1	GGTCGCCATTATCCGTTG	Spt1-eGFP fusion strain construction
<i>TrpC</i> -F2	TCGTGACCGCCGCCGGGATCACTCTCGGCATGGACGAGCTGT ACAAGTAACTTAACGTTACTGAAATCATCAAA	Spt1-eGFP fusion strain construction
<i>TrpC</i> -R1	ACAATTCACACAACATACGAGCCGGAAGCATAAAGTGTAAG GCCTGGGGGAGTGGAGATGTGGAGTGGG	Spt1-eGFP fusion strain construction
<i>egfp</i> -F	GTGAGCAAGGGCGAG	Spt1-eGFP fusion strain construction
<i>egfp</i> -R	TTACTTGTACAGCTCGTCCATGCC	Spt1-eGFP fusion strain construction
<i>sptI</i> -1820-UF1	GCTCGTAGCCAAGTAGGG	<i>sptI</i> overexpression strain SOE construction
<i>sptI</i> -1498-R1	TTTGATGATTTCAGTAACGTAAAGTTAATGGTGATGGTGATG ATGCTCGGAGAGCTCAGAGATGAA	<i>sptI</i> overexpression strain SOE construction
<i>TrpC</i> -F1	ACTTAACGTTACTGAAATCAT	<i>sptI</i> overexpression strain SOE construction
<i>TrpC</i> -R2	AGACGAGACACGACGGCGGTGCATTCTGGGTAAACGACT	<i>sptI</i> overexpression strain SOE construction
<i>pyrG</i> -F	GATGCCAACGGTATCCTCA	<i>pyrG</i> markers amplification
<i>pyrG</i> -R	TGCGGTCAATCTCCTCCT	<i>pyrG</i> markers amplification
<i>PcdnaI</i> -F	TGGTACATGGATCTCGAACTGA	<i>sptI</i> overexpression strain SOD construction
<i>PcdnaI</i> -R	GAGAGAAGTTGTTGGATTGATC	<i>sptI</i> overexpression strain SOD construction
<i>sptI</i> -1-F	GATCAATCCAACAACCTTCTCTCATGCGGTCCGTTGTCGCCC	<i>sptI</i> overexpression strain SOD construction
<i>sptI</i> -1498-R1	TTTGATGATTTCAGTAACGTAAAGTTAATGGTGATGGTGATG ATGCTCGGAGAGCTCAGAGATGAA	<i>sptI</i> overexpression strain SOD construction
<i>TrpC</i> -F1	ACTTAACGTTACTGAAATCAT	<i>sptI</i> overexpression strain SOD construction
<i>TrpC</i> -R2	AGACGAGACACGACGGCGGTGCATTCTGGGTAAACGACT	<i>sptI</i> overexpression strain SOD construction