

Table S1 Primers for qRT-PCR used in this study.

Gene name	Gene ID	Primer name	Prime sequence	Product size (bp)	Amplification efficiency (%)	Slope
<i>soxH₁</i>	IMZ28_RS08590	<i>soxH₁</i> -F	5'-AGTTGTCTCTCTGGCTGCATTGAC-3'	118	99.91	-3.324
		<i>soxH₁</i> -R	5'-GACCATATCCCCGCCGTTTTGTTTG-3'			
<i>soxB</i>	IMZ28_RS08600	<i>soxB</i> -F	5'-TCGCAAACCTGATGGAAGACATAGC-3'	81	99.87	-3.325
		<i>soxB</i> -R	5'-AACGACTCATATCACCACCCTGTTG-3'			
<i>soxA</i>	IMZ28_RS08605	<i>soxA</i> -F	5'-TGAAGAGGAGTTGGGCGGAGATG-3'	141	98.99	-3.346
		<i>soxA</i> -R	5'-GCCTGCATCACCTGATCCAATCC-3'			
<i>soxZ₁</i>	IMZ28_RS08610	<i>soxZ₁</i> -F	5'-AGGTATGGGAAACAGTTTCGAC-3'	106	99.66	-3.330
		<i>soxZ₁</i> -R	5'-TTCTTCTCGCCTGTGTTGTC-3'			
<i>soxY₁</i>	IMZ28_RS08615	<i>soxY₁</i> -F	5'-GAAGCGATCACGGGCGGTAAAG-3'	85	99.87	-3.325
		<i>soxY₁</i> -R	5'-CAACTGCTCCGTTCTCTGCGATC-3'			
<i>soxX</i>	IMZ28_RS08620	<i>soxX</i> -F	5'-AACAGATGCGGAGGCGATTGC-3'	121	99.90	-3.324
		<i>soxX</i> -R	5'-ACCGTCTTTGCCTTTCTGTTCAATG-3'			
<i>soxH₂</i>	IMZ28_RS10560	<i>soxH₂</i> -F	5'-GGCAGGTGAGGCGGAGAAATG-3'	92	98.78	-3.352
		<i>soxH₂</i> -R	5'-AGGCTCTTGTCGGATAGGCAAATTC-3'			
<i>soxZ₂</i>	IMZ28_RS10575	<i>soxZ₂</i> -F	5'-CATGCTTACTTACGACCAGGCAAAG-3'	142	98.86	-3.350
		<i>soxZ₂</i> -R	5'-CTTGAATTTCCACTGCGGGTTCTTG-3'			
<i>soxY₂</i>	IMZ28_RS10580	<i>soxY₂</i> -F	5'-CCTGATGCCTGGACAGCACATAC-3'	118	99.80	-3.327
		<i>soxY₂</i> -R	5'-CTCCTCCGTTACTTGCCACCTTTG-3'			
<i>soxD</i>	IMZ28_RS10585	<i>soxD</i> -F	5'-TGTTGTCGGCAGTTGTTGTAGCG-3'	116	99.96	-3.323
		<i>soxD</i> -R	5'-CACAGGATATGTCACACCACCATCG-3'			
<i>soxC</i>	IMZ28_RS10590	<i>soxC</i> -F	5'-ATCAGGTAAAGCGATCCAGCACTTC-3'	87	99.92	-3.324
		<i>soxC</i> -R	5'-AGATCCGTCCAAGGCTTCTCAGG-3'			

<i>psrA</i> ₁	IMZ28_RS08440	<i>psrA</i> ₁ -F	5'-AGCAACACAGCCGTCAAGATGG-3'	149	98.89	-3.349
		<i>psrA</i> ₁ -R	5'-CTACCTCTTCCCAAATCTCGCCAAG-3'			
<i>psrA</i> ₂	IMZ28_RS03620	<i>psrA</i> ₂ -F	5'-CCAGATGGTACGTGCGGACAAC-3'	129	99.60	-3.332
		<i>psrA</i> ₂ -R	5'-TGCTGTTTCCTGGATACGCTTGAATG-3'			
<i>psrA</i> ₃	IMZ28_RS06785	<i>psrA</i> ₃ -F	5'-GGCGATCTTGAATGGTACGGACAG-3'	91	99.87	-3.325
		<i>psrA</i> ₃ -R	5'-GGCACAGTAACCGATAGTGGAACG-3'			
<i>psrA</i> ₄	IMZ28_RS07170	<i>psrA</i> ₄ -F	5'-AACAGAACCCCATGCAATCCATACC-3'	128	99.93	-3.324
		<i>psrA</i> ₄ -R	5'-CGGCAGCACGACATCAGACATC-3'			
16S rRNA		16S rRNA-F	5'-CTACCAAGCCAATGACGCCTAGC-3'	94	99.99	-3.322
		16S rRNA-R	5'-CCCACTGCTGCCTCCCGTAG-3'			
