

**Table 1. Primers used to PCR amplify internal portions of site-specific recombinase genes for use as probes**

Gene	Gene size, bp	Forward primer	Reverse primer	Size amplified, bp
<i>tsr1</i>	624	GGAGTATCACAAAGGGCGTAACATCGAC	CAATGGGTAGCGAAAGAGTGACGGAG	605
<i>tsr2</i>	885	TTTGCGGGAAGAAACCTCCGCTAC	GCCTCTTTCAGCTTCTTCGACACGATG	527
<i>tsr3</i>	1,239	GCGAGAACCACGACACCATACTTAACC	CAATGCCGACAAACTTCTTGTCAAGCC	900
<i>tsr4</i>	1,182	TGGGATTGTGGCAACAGGGGAAAC	TTGGTATGGCGAGCGGTATGGAAC	781
<i>tsr5</i>	1,116	TAATGACCAGAGAAAGCCGAAAGCCATCC	CGCATTTCCCACCAGCAGAATAGTCC	573
<i>tsr6</i>	810	GCGTTTCAAGAAAGTGATACGCTATGCC	CTTCAACCCGCTATGTCGAGTAAACC	568
<i>tsr7</i>	882	ACAGGACCAGAAAATAAAAAGCCACTTCCC	TGACCCAAAAGCTCTTTCACCGCAC	503
<i>tsr8</i>	807	GTCCAAGCGAATATGGCGAAAAATACGG	ATGTCCCATCAGGTCAGCAAGCAGAG	693
<i>tsr9</i>	1,296	CTACATCAAGAGATCCGCAAGTGAGAAACC	TGAGCAAGGGCATAGTGATATCCAGAGG	551
<i>tsr10</i>	918	ACTAATCGAAAACACATTCTGCCAGCC	ACGAGTTGCGAAACTATGCCTAAGTCC	688
<i>tsr11</i>	1,233	AGTCTTATTTTATCTCAAGCGCAATGCCCC	CAACTTACCGTCTTTCGCCATACCCCTC	928
<i>tsr12</i>	1,230	AGGCAAAGGAAAGGCGGAAAGCAC	TGCCGATGATTCTGAGGCTGAGGAAC	638
<i>tsr13</i>	1,224	GCGCATCACCGTAAACAAGCGAGTAG	GGTAATGCCGCATAAATCAGCGATTTCC	946
<i>tsr14</i>	903	TTTACGGGCGACCAACAAGGCAC	CCACGACCGCCAATGACTGATTGATAC	659
<i>tsr15</i>	945	CGCAATGGTACTGCCCATGTATATCAGAG	GCTATTCATCCGGTTTACCTCATCGTCTC	819
<i>tsr16</i>	930	TCCGCGCTGTCTATAACAAAGCCC	TTGCCTCAGAAGTATGCCCAAGCC	585
<i>tsr17</i>	918	TGGCAGTCCTTTTTTCGTTTGAGGAGTTG	AAGCCGCTTAGTGTCTATGCGATCC	736
<i>tsr18</i>	783	AGATTATTTCTGCCCGTGCCATAGTAAACC	ACTATCCACAAGTTGCCGTTGCTATCC	579
<i>tsr19</i>	921	ACAGCACAGCCAATACCTACCTCTACAC	CTTCTTAAATCTCACGGCGCAATCAC	849
<i>tsr20</i>	1,143	ACCCGAGCATAACCGGACGGATAAAG	AGATACCGTATAAAGATCGGCACCGAGAG	907
<i>tsr21</i>	852	ACCGCCGCTGCTTATCAAAGTACC	AATCCCGCACTGATTGCCGAAACC	734
<i>tsr22</i>	984	GGAAAGAAAAATCCCCAACGAAGGCAG	ACGCGCCAATAAACCCTTAGCTC	696
<i>tsr23</i>	723	CGTATGAGAAGTATGTGACCGTGT	TCGCTATTGGATGTTGAATGTTAT	606
<i>tsr24</i>	954	AAACACACTGGAGGCTTACTTGACAGAC	ACTCATGCCCAACATGCATTGGATAG	743
<i>tsr25</i>	969	GAGAGTGCAGGAAAAGAGGAGAT	TGTTTGTCCGATCTACTTCCCTAT	796
<i>tsr26</i>	933	GACATTCCGTTCAAAGAGTAAGG	CGTTTGGCATAACCGATAATACTT	788
<i>tsr27</i>	1,164	AATAAAGAGGGTAATGCTCCCTA	AATGTCGCTACATCCTTTGTTTTT	1,019
<i>tsr28</i>	588	AGATATTTCTCGCTCTTACGTGGTC	ACGTTTCAAGTAATTCCTCTGTCC	425
<i>ssr2</i>	594	GCGTGAGCACAAAAGACAGAAAGCTATC	ATACCCCATCTTCTCCGCAATTCC	423
<i>ssr3</i>	594	AGATAATAGGCTACGCTCGTGTTCACCG	AGCTTTTTCTCTTGCATCTTCCGATAACCC	449