

Table S1 Primer sets used for fusion PCR

Strain	Array	Primer
<i>GS4229</i>	<i>arEx763</i>	A=TGTCAGAATGTCCCATGTAGG
<i>GS4230</i>	<i>arEx764</i>	B=AGTCGACCTGCAGGCATGCAAGCTGGCAAATTTGAAAAGTGTGTTG
<i>GS4892</i>	<i>arIs131</i>	A*=GATTGATCTCCGTAAATGGC
<i>GS4276</i>	<i>arEx791</i>	A=TTGATTATATCTCGGTTCAATTTGG B=AGTCGACCTGCAGGCATGCAAGCTGGCAAATTTGAAAAGTGTGTTG
<i>GS4277</i>	<i>arEx792</i>	A*=AACGGCCAACCTCTGATAGAGTAGG
<i>GS4251</i>	<i>arEx774</i>	5F=TGTCAGAATGTCCCATGTAGG 5R=CGAGCTTTTGGGGAATTTTAAAGACAATCGCAGATTTCCGGCAGTTGCA 3F=TCTTTAAAATTCCCCAAAAGCTCG)
<i>GS4254</i>	<i>arEx776</i>	3R=GACTGGGAGGCAGGTGAGGA A=GATTGATCTCCGTAAATGGC
<i>GS4255</i>	<i>arEx777</i>	B=AGTCGACCTGCAGGCATGCAAGCTGGCAAATTTGAAAAGTGTGTTG A*= ATTCTAAACAGATTTCCGGATGG 5F=TATTTCAATCAAGTCTTGGTCAATA
<i>GS4458</i>	<i>arEx869</i>	5R=CGAGCTTTTGGGGAATTTTAAAGACAATCGCAGATTTCCGGCAGTTGCA 3F=TCTTTAAAATTCCCCAAAAGCTCG 3R=GACTGGGAGGCAGGTGAGGA A=TCCTTGCATAATTATAGAGGCGATG
<i>GS4477</i>	<i>arEx870</i>	B=AGTCGACCTGCAGGCATGCAAGCTGGCAAATTTGAAAAGTGTGTTG A*= GGAAGGGAGGCGGAAGTGGTTGA 5F=CTCAGAATCATAACTCTGTAATATGTTGACACCTGCCCGCTCGCCTAAATC
<i>GS4964</i>	<i>arEx1034</i>	5R=CAATCGCAGATTTCCGGCAGTTGCA 3F=TGCAACTGCCGAAATCTGCGATTGCTCAAATAAATGTCCCAGAATTTAC
<i>GS4965</i>	<i>arEx1035</i>	3R=AGTCGACCTGCAGGCATGCAAGCTGGCAAATTTGAAAAGTGTGTTG

A=GGAAGGGAGGCGGAAGTGGTTGA

GS5008 *arEx1063* B=AGTCGACCTGCAGGCATGCAAGCTGGCAAATTTGAAAAGTGTGTTG

A*=GGAAGGGAGGCGGAAGTGGTTGA

5F=CTCAGAATCATAACTCTGTAATATGTTGACACCTGCCCCGCTCGCCTAAATC

GS5067 *arEx1085* 5R=CAATCGCAGATTCGGCAGTTGCA

3F=TGCAACTGCCGAAATCTGCGATTGGTAGATTTTTTCTCGCCGTTATG

GS5068; *arEx1086* 3R=AGTCGACCTGCAGGCATGCAAGCTGGCAAATTTGAAAAGTGTGTTG

A=GGAAGGGAGGCGGAAGTGGTTGA

B=AGTCGACCTGCAGGCATGCAAGCTGGCAAATTTGAAAAGTGTGTTG

GS5069 *arEx1087* A*=GGAAGGGAGGCGGAAGTGGTTGA
