

**Table S2.** Primers used in this study.

Primer	Sequence	Function
Ft <i>fptB</i> UpDel5	CGCGGATCCAGATCTGTGCGACCCCTTTT GAACAAGATAGGCAC	<i>fptB</i> deletion
Ft <i>fptB</i> UpDel3	GCGATTTGAGATGCCAGGAGTTAGGGTA GTATG	<i>fptB</i> deletion
Ft <i>fptB</i> DownDel5	CTCCTGGCATCTCAAATCGCGAATCTAA TGCTGC	<i>fptB</i> deletion
Ft <i>fptB</i> DownDel3	CGCGGATCCAGATCTGTGCGACGGCCAAC GCGTTGTTAAAGTTG	<i>fptB</i> deletion
Ft <i>fptB</i> UpExternal	TAGGATCAGCAGTAGGAACAACCTCT	Confirm <i>fptB</i> deletion
Ft <i>fptB</i> DnExternal	CGGACTATAAGTCGGTTAAATGATATGC	Confirm <i>fptB</i> deletion
Ft <i>fptE</i> UpDel5	CGCGGATCCGTCGACGATGCTTATACAA GCTCAACTAGTC	<i>fptE</i> deletion
Ft <i>fptE</i> UpDel3	TAAAGCATACGCTCAAAAAGCCAGAAT ATGTAAATAC	<i>fptE</i> deletion
Ft <i>fptE</i> DownDel5	CTTTTTGAGCGTATGCTTTAGCTATCCTT CCAGTA	<i>fptE</i> deletion
Ft <i>fptE</i> DownDel3	CGCGGATCCGTCGACTACGCATCTACAA CCAGACCAGTA	<i>fptE</i> deletion
Ft <i>fptE</i> UpExternal	CTTGATACGCACCTGTAAGTATTCTC	Confirm <i>fptE</i> deletion
Ft <i>fptE</i> DnExternal	CTGCCATGCGATAGTGGTCAATAAACC	Confirm <i>fptE</i> deletion
Ft <i>fptG</i> UpDel5	CGCGGATCCAGATCTGTGCGACTATACAG TTCATAAGCTGGGCTGATGCTCC	<i>fptG</i> deletion
Ft <i>fptG</i> UpDel3	AATTGTCTCAGTGGCTCAAGTATATATA TACCTTTACCAT	<i>fptG</i> deletion
Ft <i>fptG</i> DownDel5	CTTGAGCCACTGAGACAATTTAGTGCAC TGTAAT	<i>fptG</i> deletion
Ft <i>fptG</i> DownDel3	CGCGGATCCAGATCTGTGCGACCTATCCT AATGCTAACCATTATTGTTGGGC	<i>fptG</i> deletion
Ft <i>fptG</i> UpExternal	CCCACGCTGTGAGACTGATA	Confirm <i>fptG</i> deletion
Ft <i>fptG</i> DnExternal	TGAGCATTACGTGCCAAGAG	Confirm <i>fptG</i> deletion
FT893Kan	CGGTATCGCCGCTCCCGATTCGCAGCGC ATCGCC	Confirm co-integration
FT893Sac	GTGAACGGCAGGTATATGTGATGGG	Confirm co-integration
Ft <i>fptB</i> CompFor	GCTCTAGAGCATGGAACAAAGGATATA C	<i>fptB</i> complementation
Ft <i>fptB</i> CompRev	GGAATTCCATATGGAATTCCCGCGATTT GAGAAATTTATCCAGAG	<i>fptB</i> complementation
Ft <i>fptE</i> CompFor	TCCCCGGGGGATTGAGCATAATCTTGA GATATCTA	<i>fptE</i> complementation
Ft <i>fptE</i> CompRev	GGAATTCCATATGGAATTCCGTATATTG TTAAAGGATATTTTAG	<i>fptE</i> complementation
Ft <i>fptG</i> CompFor	CGCGGATCCAGATCTGTGCGACTATACAG TTCATAAGCTGGGCTGATGCTCC	<i>fptG</i> complementation

Ft <i>fptG</i> CompRev	GGGGTACCCACAGTGC ACTAAATTGTC TCA	<i>fptG</i> complementation
Ft <i>fptA</i> Forward	GTCCTAGTTACATTGTCTTGG	Confirm <i>fptA</i> expression
Ft <i>fptA</i> Reverse	GTAAGGATATAACCGACAAGTGG	Confirm <i>fptA</i> expression
Ft <i>fptB</i> Forward	TATACGTGGCTACGCATGGAT	Confirm <i>fptB</i> expression
Ft <i>fptB</i> Reverse	GATGAAAGCAGCTACAGTTGCAG	Confirm <i>fptB</i> expression
Ft <i>fptC</i> Forward	GTCTAGTCATAGGTTGGAGTA	Confirm <i>fptC</i> expression
Ft <i>fptC</i> Reverse	GCAGTAGCCTTAATCTGCGGT	Confirm <i>fptC</i> expression
Ft <i>fptD</i> Forward	GGGCTATGCTTGGATTGTAGTTGG	Confirm <i>fptD</i> expression
Ft <i>fptD</i> Reverse	GCATGATGATATGCATTTAATATGG	Confirm <i>fptD</i> expression
Ft <i>fptE</i> Forward	CTCGATCGCACCATATAACCT	Confirm <i>fptE</i> expression
Ft <i>fptE</i> Reverse	GCAACATTAATACTGGAAGGATAGC	Confirm <i>fptE</i> expression
Ft <i>fptF</i> Forward	CAGGTGCGTATCAAGAACAAATAG	Confirm <i>fptF</i> expression
Ft <i>fptF</i> Reverse	GTGATCGCCACTATCAGCGAG	Confirm <i>fptF</i> expression
Ft <i>fptG</i> Forward	GGGTGCCCAACCAGGTATGCGTGTC	Confirm <i>fptG</i> expression
Ft <i>fptG</i> Reverse	GCGGGGCTAACCCAGCGCCAAC	Confirm <i>fptG</i> expression
Ft <i>fptH</i> Forward	CCTTATGGATATCTTATAGATTC	Confirm <i>fptH</i> expression
Ft <i>fptH</i> Reverse	GATACACGGATACACCACGAA	Confirm <i>fptH</i> expression
Ft <i>fptI</i> Forward	GAGCTATGACCGTTAGACAGAC	Confirm <i>fptI</i> expression
Ft <i>fptI</i> Reverse	TGTAGCTCTATCTGTAGCAGA	Confirm <i>fptI</i> expression