

Service W3 - Verification PCR for MiMIC Construct(s) and Strain(s)

Date: 3/22/2017

Dear our valuable customer,

Below is a brief report for PCR confirmation of the MiMIC Construct(s) and Strain(s).
Hope you will find our service helpful to your research.

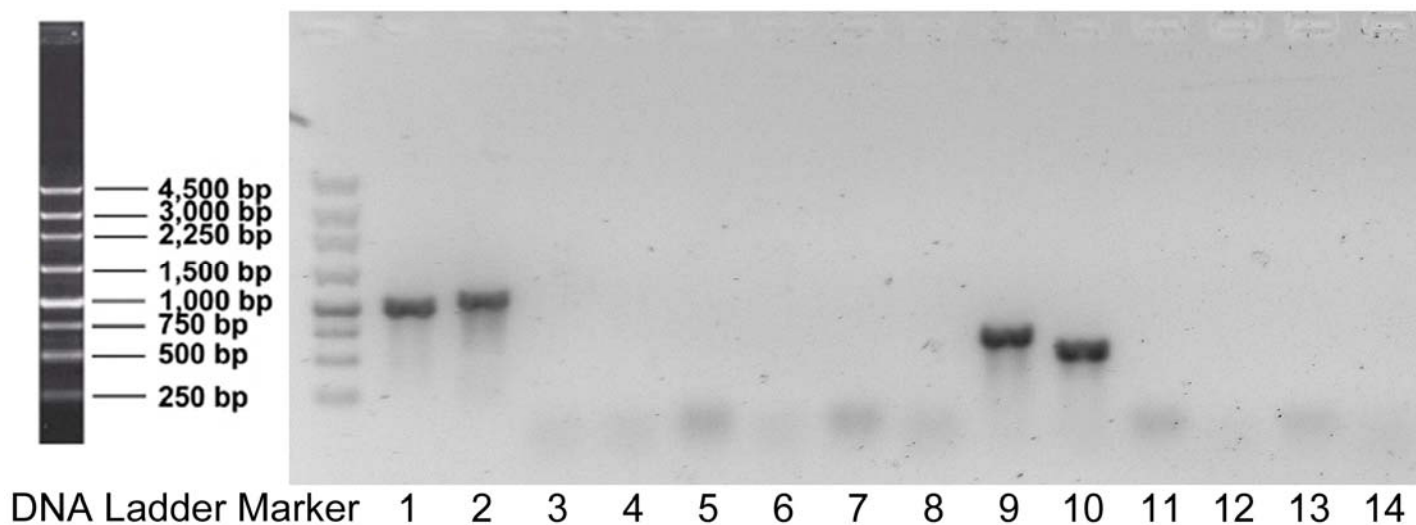
BestGene Inc.

Order number: 21272-1

Label on Tube: DGRC#1325

Strain: MI13848 (BDSC#59216)

Result: **Positive**

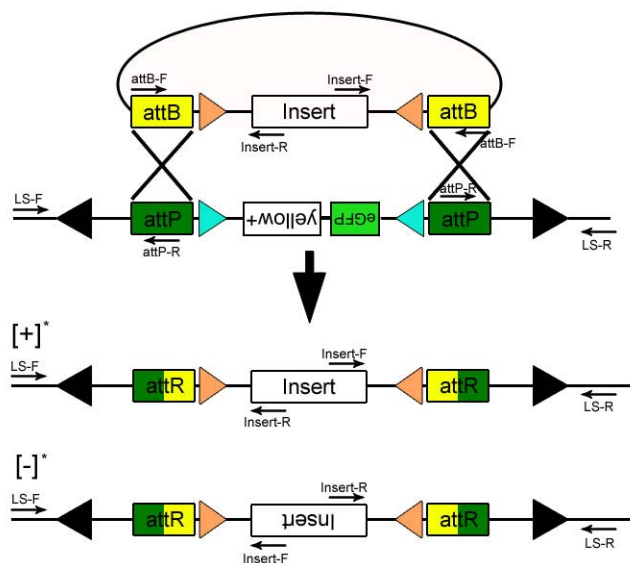


Remark:

Lane	DNA	Primer	Expected	Result
1	Plasmid 21272-1	attB.For + Gal4.Rev	1.02 kb	Positive
2	Plasmid 21272-1	Gal4.For + attB.For	1.12 kb	Positive
3	Genomic Balancer strain	59216.For + attP.Rev	-	Positive
4	Genomic Balancer strain	attP.Rev + 59216.Rev	-	Positive
5	Genomic Balancer strain	59216.For + Gal4.Rev	-	Positive
6	Genomic Balancer strain	Gal4.For + 59216.Rev	-	Positive
7	Genomic Balancer strain	59216.For + Gal4.For	-	Positive
8	Genomic Balancer strain	Gal4.Rev + 59216.Rev	-	Positive
9	Genomic BDSC#59216	59216.For + attP.Rev	+	~0.69 kb
10	Genomic BDSC#59216	attP.Rev + 59216.Rev	+	~0.55 kb
11	Genomic BDSC#59216	59216.For + Gal4.Rev	-	Positive
12	Genomic BDSC#59216	Gal4.For + 59216.Rev	-	Positive
13	Genomic BDSC#59216	59216.For + Gal4.For	-	Positive
14	Genomic BDSC#59216	Gal4.Rev + 59216.Rev	-	Positive

Primers used for PCR

Primer Name	Primer Sequence(5' to 3')
attB.For	GATGTAGGTCACGGTCTCGAAGCC
Gal4.For (Insert-F)	CTAACCGTCCACCCTCTCGTAAC
Gal4.Rev (Insert-R)	GCACGATAGGGCAGTAGGGGT
attP.Rev	GACCCTACGCCCCCACTGAGA
59216.For (LS-F)	CATCACCCGATTGGAGCGAC
59216.Rev (LS-R)	ACAGGAGCAGACACAGTCG



* Orientation is in reference to the chromosome. Insert in a left-to-right fashion along the chromosome is denoted as "[+]", otherwise, "[-]"