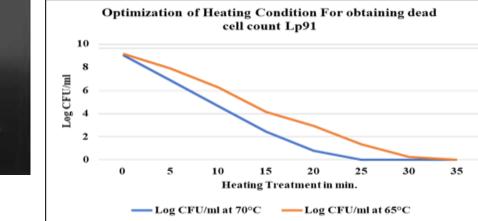
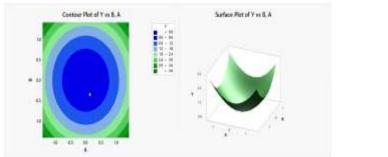


Confirmation of identity of *Lactobacillus* **spp. through PCR**



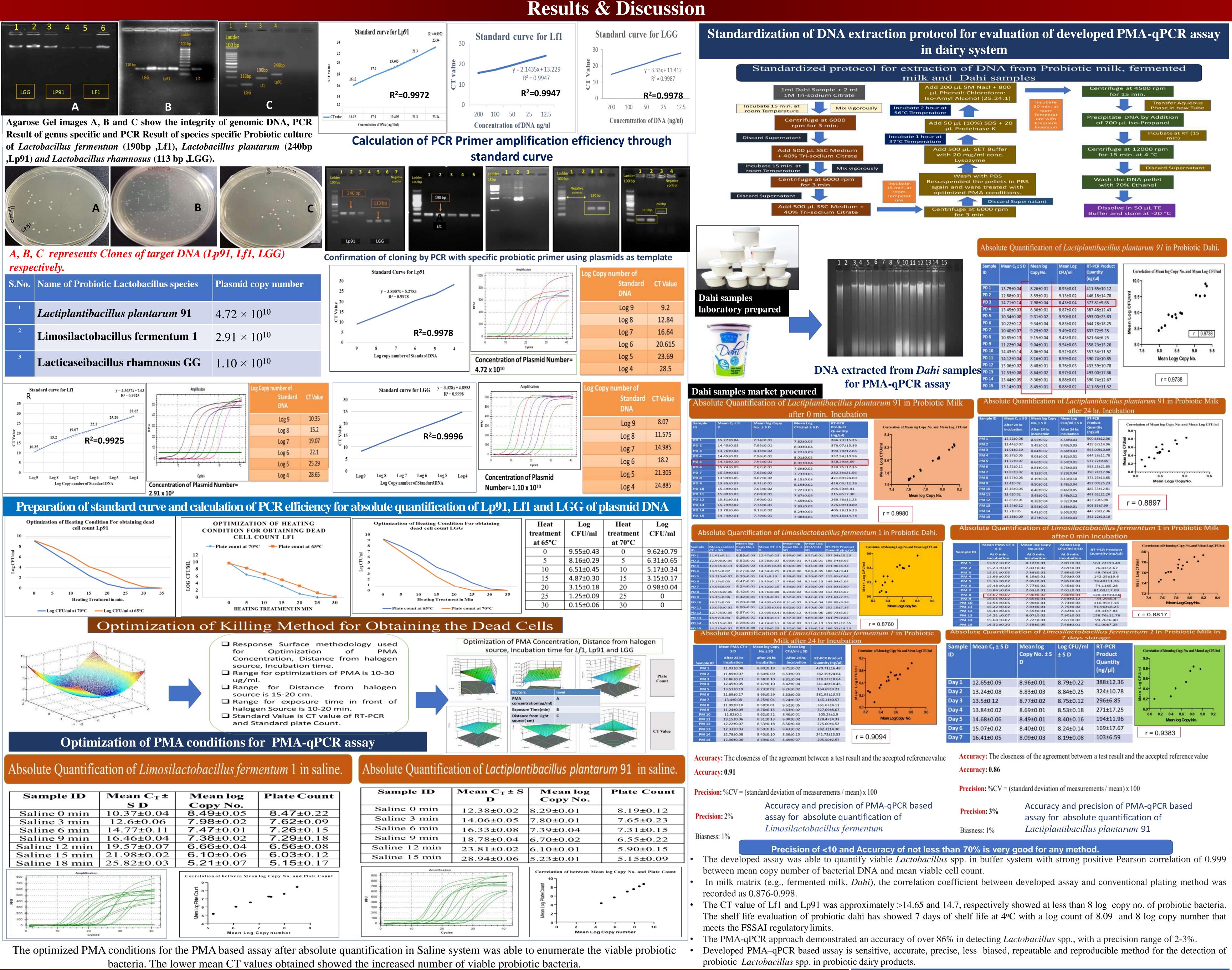
Standard Plasmid preparation for absolute quantification of probiotic bacteria (Lp91, Lf1, LGG)



Optimization of PMA-qPCR assay by RSM



Evaluation of Developed PMA-qPCR assay in probiotic dairy products



Concluding remarks

The assay could be an appropriate alternative for the existing time-consuming and laborious conventional pour plating methods for routine monitoring of probiotic count in probiotic dairy products at the designated threshold level as prescribed by FSSR.

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The developed PMA-qPCR assay can be applied on the industrial scale as it is rapid and precise method for quantification of probiotic bacteria.

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