

## DECLARATION

I hereby declare that the work presented in this thesis entitled “**Computational and functional genomic analysis of beta-lactamases, beta-galactosidase and cellulose synthase operon in *Zymomonas mobilis***” has been carried out by me under the guidance and supervision of Prof. P. Gunasekaran, Senior Professor and Head, Department of Genetics, Centre for Excellence in Genomic Sciences, School of Biological Sciences, Madurai Kamaraj University, Madurai – 625021, India. This work has not been submitted elsewhere for any other degree.

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