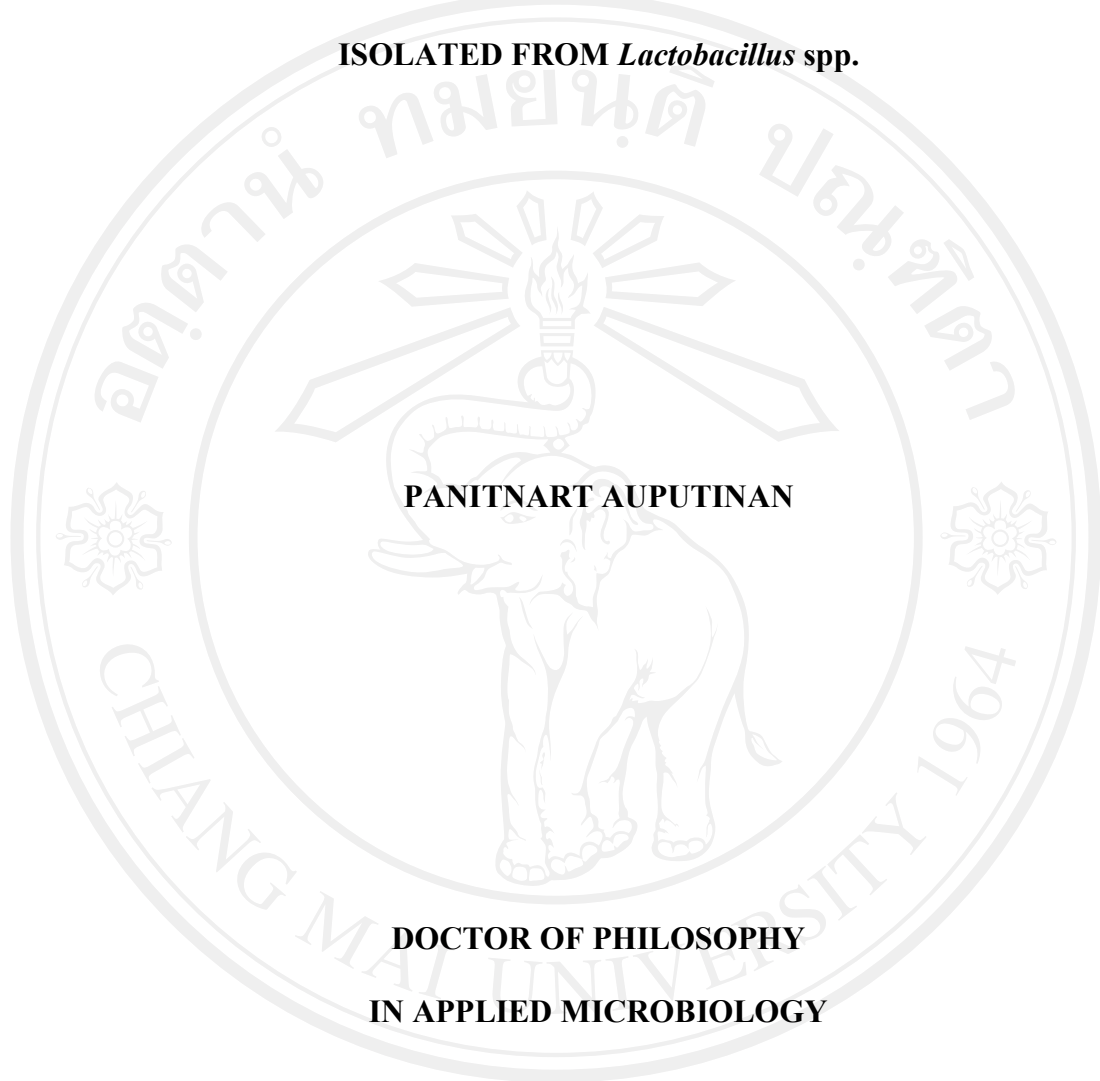


DETECTION AND CHARACTERIZATION OF PLASMIDS

ISOLATED FROM *Lactobacillus* spp.



PANITNART AUPUTINAN

DOCTOR OF PHILOSOPHY

IN APPLIED MICROBIOLOGY

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THE GRADUATE SCHOOL

CHIANG MAI UNIVERSITY

FEBRUARY 2011

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A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN

PARTIAL FULFILLMENT OF THE REQUIREMENTS

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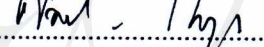
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1 February 2011

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