

GENETIC POLYMORPHISM STUDY OF SOME QUANTITATIVE TRAIT GENES IN EGYPTIAN BUFFALO AND CATTLE

A Thesis
Submitted for the award of Philosophy of Doctor Degree of Science
in Zoology

By
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2015



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Student Name : Neama Ibrahim Ali Abo-Bakr Ali

Thesis Title : Genetic Polymorphism study of some quantitative trait genes
in Egyptian buffalo and cattle

Degree : Ph. D of science in Zoology

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

"قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا
إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ"

صدق الله العظيم

(سورة البقرة)

(آية: ٣٢)

Declaration



I declare that the work contained in this thesis is the result of my own investigations. It has not been previously submitted for any degree at this or any other university.

Neama Ibrahim Ali Abo-Bakr

DEDICATION



This thesis is dedicated to my late father, lovely mother and my husband,
who supported me throughout this endeavor



Acknowledgment

In the Name of Allah, the Most Gracious, the Most Merciful. May the peace, blessings, and mercy of Allah be upon our prophet Muhammad, the final of messengers, his family and companions in entirety, and those who follow him until the Day of Judgment.

Glory to “**Allah**” and ultimate praise and gratitude are due to Him, the one and only God, for giving me the strength and perseverance and for facilitating all means to complete this work. It is through His grace that the present work has come to light. May Allah grant me all sincerity, make my intention pure, and accept my work

There are so many people to thank in a project of this magnitude, so I begin by apologizing to those that I somehow forgot.

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