



Ain Shams University
Faculty of Science
Botany Department

Genetic Studies on some *Hordeum vulgare* Varieties

Thesis

Submitted In Fulfillment of the Requirements for the Degree
of Doctor of Philosophy of Science in Botany
(Molecular Genetics)

By

Samira Ali Hassan Osman

M.Sc. in Botany (Cytogenetics)
(2009)

**Ain Shams University
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Ph.D. Thesis

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿ قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا

إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ ﴾

سُبْحَانَكَ اللَّهُمَّ
الْآيَةُ (32) سُورَةُ الْبَقَرَةِ

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