

**Role of AtAMT1;2 in nitrogen uptake
and plant growth**

By

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DECLARATION

I declare that this thesis is a record of original work and contains no material which has been accepted for the award of any other degree or diploma in any university. To the best of my knowledge and belief, this thesis contains no material previously published or written by another person, except where due reference is made in the text.

Signature of Student

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Preface

This research was performed over 10 months as part of a Masters in Biotechnology (Plant Biotechnology). The literature review was previously assessed. The original research focus has not changed, however due to some unexpected complications in the development and optimisation of an AtAMT1;2 antibody, the last part of proposed research has yet to be completed. Although the research manuscript contained herein will provide the first draft of a future publication in The Plant Journal, the originally intended data set is still incomplete. Additional but incomplete data pertaining to the antibody work and leave confocal microscopy are provided within the appendices.

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