

TABLE OF CONTENTS

Summary.....	I
Acknowledgements.....	VII
Table of Contents.....	1
List of Figures.....	2
List of Tables	4
Abbreviations.....	5
Glossary.....	6
Introduction	9
Objectives	43
Chapter 1.....	47
Origin and genetic regulation of <i>C3HDZ</i>, <i>ACL5</i> and <i>SACL</i> genes in land plants	
Chapter 2.....	89
The role of <i>C3HDZ</i>, <i>ACL5</i> and <i>SACL</i> genes in <i>M. polymorpha</i>	
Chapter 3.....	139
Spatial analyses of <i>C3HDZ</i>, <i>ACL5</i> and <i>SACL</i> expression in extant tracheophyte lineages	
General Discussion.....	183
Conclusions.....	197
Annexes.....	201