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中国科学院大学
University of Chinese Academy of Sciences

博士学位论文

衣藻鞭毛内运输蛋白IFT46基体定位机制的研究

**Study on the molecular mechanism of the basal body localization
of the intraflagellar transport protein IFT46 in *Chlamydomonas
reinhardtii***

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二零一七年五月

**Study on the molecular mechanism of the basal body localization of
the intraflagellar transport protein IFT46 in *Chlamydomonas*
*reinhardtii***

**By
Bo Lv**

**A Dissertation Submitted to
The University of Chinese Academy of Sciences
In partial fulfillment of the requirement
For the degree of
Doctor of Science**

Institute of Hydrobiology, Chinese Academy of Sciences

May, 2017

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2017 年 月 日

致 谢

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吕 波

二零一七年五月于武汉东湖之滨

中文摘要

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Abstract

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第一章 引言

1.1 研究背景

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1.2 研究目的

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1.3 研究意义

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1.4 研究方案及预期结果

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第二章 文献综述

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2.1 衣藻简介

2.1.1 衣藻的基本特征

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2.3 衣藻简介

2.3.1 衣藻的基本特征

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第三章 IFT46定位在基体和纤毛

3.1 引言

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3.2 材料与方法

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3.3 结果

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第四章 IFT46基体和纤毛定位序列的鉴定

4.1 引言

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4.2 材料与方法

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4.3 结果

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第五章 IFT52结合并招募IFT46至基体

5.1 引言

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5.2 材料与amp;方法

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5.3 结果

5.3.1 结果A

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5.4 讨论

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总 结

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参考文献

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附录C 本研究所用培养基

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作者简历及攻读学位期间发表的学术论文与研究成果

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