



**UvA-DARE (Digital Academic Repository)**

**Dissection of transcriptional regulation networks and prediction of gene functions in *Saccharomyces cerevisiae***

Boorsma, A.

[Link to publication](#)

*Citation for published version (APA):*

Boorsma, A. (2008). Dissection of transcriptional regulation networks and prediction of gene functions in *Saccharomyces cerevisiae*

**General rights**

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

**Disclaimer/Complaints regulations**

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <http://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

## Contents

<b>Chapter 1</b>	General Introduction	9
<b>Chapter 2</b>	T-profiler: Scoring the activity of pre-defined groups of genes using gene expression data	35
<b>Chapter 3</b>	Characterization of the transcriptional response to cell wall stress in <i>Saccharomyces cerevisiae</i>	47
<b>Chapter 4</b>	Inferring transcription factor co-modulation networks through regulon-based expression analysis	69
<b>Chapter 5</b>	FunKey: Prediction of yeast gene functions using gene expression and fitness profile data	91
<b>Chapter 6</b>	General discussion	115
<b>References</b>		121
<b>Summary/Samenvatting</b>		132
<b>Dankwoord</b>		136
<b>List of Publications</b>		137