



VU Research Portal

Discovering the genetic architecture of the mind

Karlsson Linnér, R.

2019

document version

Publisher's PDF, also known as Version of record

[Link to publication in VU Research Portal](#)

citation for published version (APA)

Karlsson Linnér, R. (2019). *Discovering the genetic architecture of the mind: (Epi-)genome-wide association studies on human psychology and behavior*.

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal ?

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

E-mail address:

vuresearchportal.ub@vu.nl

DISCOVERING THE GENETIC ARCHITECTURE OF THE MIND

RICHARD
KARLSSON
LINNÉR



CNCR
AMSTERDAM



The heritability of psychology and behavior has long been contested, while there is much evidence in support of the premise that mental traits are indeed transmitted from parents to offspring via the transfer of genetic material. Recent technological developments now facilitate researchers to discover which particular genetic variants are responsible for that transmission and genetic datasets are growing at a rapid pace. Thus, the time has come to perform adequately powered discovery analyses of the genetic architecture of the mind. This thesis is a collection of four empirical studies that aim to cast light on the genetic and epigenetic foundation of various measures of psychology and behavior. The studies reported here are all investigations of molecular genetic variants, some in hundreds of thousands up to a million individuals.

Richard Karlsson Linnér, the author of this thesis, has long been interested in the fundamental factors that influence individual differences in how humans think, feel, and act. He received his M.Sc. in economics from the Linköping University, Sweden. During his Ph.D. trajectory at the Vrije Universiteit Amsterdam, he was trained in social-science and behavior genetics. Through his training and research, Richard has extensive experience analyzing large genetic datasets.

CNCR
Amsterdam

