



**MPIMG**



## **Search for Genes Involved in Human Cognition**

**Molecular characterisation of two novel genes, *FBXO25* and *KIAA1202*, disrupted by a translocation in a mentally retarded patient**



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## **Molecular characterisation of two novel genes, *FBXO25* and *KIAA1202*, disrupted by a translocation in a mentally retarded patient**

Dissertation zur Erlangung des akademischen Grades des  
Doktors der Naturwissenschaften (Dr. rer. nat.)

eingereicht im Fachbereich Biologie, Chemie, Pharmazie  
der Freien Universität Berlin

vorgelegt von

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aus Antwerpen, Belgien

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Diese Dissertation wurde in der Zeit vom September 2000 bis Oktober 2006 am Max-Planck-Institut für molekulare Genetik in Berlin, in der Abteilung von Herrn Prof. Dr. Hans-Hilger Ropers, in der Arbeitsgruppe von Frau Dr. Vera Kalscheuer angefertigt.

The work presented in this thesis has been conducted from September 2000 till October 2006 at the Max Planck Institute for Molecular Genetics, Berlin in the department of Prof. Dr. Hans-Hilger Ropers under supervision of Dr. Vera Kalscheuer.

- 1. Gutachter:** Prof. Dr. Hans-Hilger Ropers  
Max-Planck-Institut für molekulare Genetik
- First Referee:** Prof. Dr. Hans-Hilger Ropers  
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- 2. Gutachter:** Prof. Dr. Randolph Menzel  
Freie Universität Berlin
- Second Referee:** Prof. Dr. Randolph Menzel  
Free University Berlin
- Tag der Disputation:** 19. Dezember 2006
- Day of the Disputation:** 19<sup>th</sup> of December 2006

Hiermit erkläre ich, die vorliegende Arbeit selbständig und ohne unerlaubte Hilfe angefertigt zu haben und alle verwendeten Hilfsmittel und Inhalte aus anderen Quellen als solche kenntlich gemacht zu haben.

Des Weiteren versichere ich, dass die vorliegende Arbeit nie in dieser oder anderer Form Gegenstand eines früheren Promotionsverfahrens war.

I hereby declare that the work presented in this thesis has been conducted independently and without any inappropriate support and that all sources of information, be it experimental or intellectual, are aptly referenced.

I hereby declare that this thesis has not been submitted, either in the same or a different form, to this or any other university for a degree.

Olivier Hagens.

Berlin, October 2006.

I took all efforts to represent data, resources and references provided in this dissertation as accurate as possible. To the best of my knowledge, all information is up-to-date as of May 2006. However, electronic resources can change rapidly, which may lead to some outdated information at the time this work is published.

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Aan Ons Ma en Dè Sissy.

Omdat jullie de grootste  
offers hebben gebracht.

Only dead fish go with the flow.