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## Mapping of Gene Expression Reveals CYP27A1 as a Susceptibility Gene for Sporadic ALS

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*Published in:*  
 PLoS ONE

*DOI:*  
[10.1371/journal.pone.0035333](https://doi.org/10.1371/journal.pone.0035333)

**IMPORTANT NOTE:** You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

*Document Version*  
 Publisher's PDF, also known as Version of record

*Publication date:*  
 2012

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*

Diekstra, F. P., Saris, C. G. J., van Rheenen, W., Franke, L., Jansen, R. C., van Es, M. A., van Vught, P. W. J., Blauw, H. M., Groen, E. J. N., Horvath, S., Estrada, K., Rivadeneira, F., Hofman, A., Uitterlinden, A. G., Robberecht, W., Andersen, P. M., Melki, J., Meininger, V., Hardiman, O., ... Brown Jr., R. H. (2012). Mapping of Gene Expression Reveals CYP27A1 as a Susceptibility Gene for Sporadic ALS. *PLoS ONE*, 7(4), Article e35333. <https://doi.org/10.1371/journal.pone.0035333>

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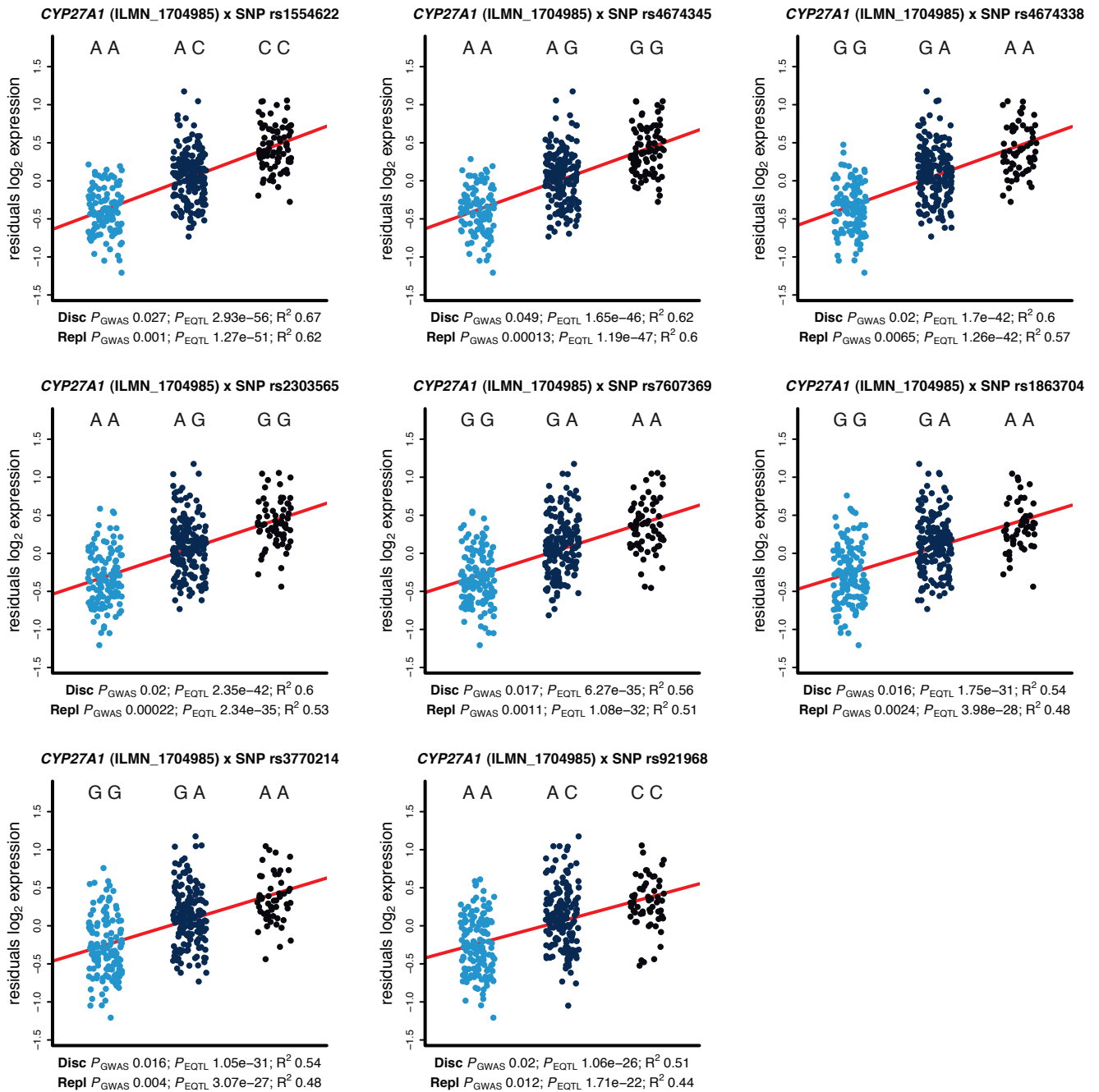
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On the Y-axis, the residuals of log<sub>2</sub> transformed expression levels for probe ILMN\_1704985 mapping to *CYP27A1* after regression of covariates in the replication data. On the X-axis SNP genotype bins, according to an additive model; on the left homozygotes for the major allele and homozygotes for the minor allele on the right. A regression line is plotted for each linear model. P values and R<sup>2</sup> (variance explained) for GWAS and eQTL associations in both discovery and replication cohorts are shown below each plot. Disc, Discovery; Repl, Replication; eQTL, expression quantitative trait locus; GWAS, genome-wide association study.