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## Genetical genomics with Affymetrix gene expression arrays

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## 7.5 Publications

- Bystrykh, L., Weersing, E., Dontje, B., Sutton, S., Pletcher, M. T., Wiltshire, T., Su, A. I., Vellenga, E., Wang, J., Manly, K. F., Lu, L., Chesler, E. J., Alberts, R., Jansen, R. C., Williams, R. W., Cooke, M. P. and de Haan, G. (2005), Uncovering regulatory pathways that affect hematopoietic stem cell function using 'genetical genomics', **Nature Genetics** 37, 225-232.
- Alberts, R., Fu, J., Swertz, M.A., Lubbers, L.A., Albers, C.J., Jansen, R.C. (2005) Combining microarrays and genetic analysis, **Briefings in Bioinformatics** 6(2), 135-145.
- Alberts, R., Terpstra, P., Bystrykh, L. V., de Haan, G. and Jansen, R. C. (2005), A statistical multiprobe model for analyzing *cis* and *trans* genes in genetical genomics experiments with short-oligonucleotide arrays, **Genetics** 171, 1437-1439.
- Alberts, R., Terpstra, P., Hardonk, M. Bystrykh, L.V., de Haan, G., Breitling, R., Nap, J.P., Jansen, R.C. (2007), A verification protocol for the probe sequences of Affymetrix genome arrays reveals high probe accuracy for studies in mouse, human and rat, **BMC Bioinformatics** 8, 132.
- Alberts, R., Terpstra, P., Li, Y., Breitling, R., Matthijssen, D.I., Nap, J.P., Jansen, R.C., Sequence polymorphisms cause many false *cis* eQTLs, submitted.