

Recent publications on the Affymetrix® Genome-Wide Human SNP Array 6.0

Cancer

2011

Tabach Y., *et al.* Amplification of the 20q chromosomal arm occurs early in tumorigenic transformation and may initiate cancer. *PLoS One* **6**(1) (2011).

Yang J. J., *et al.* Ancestry and pharmacogenomics of relapse in acute lymphoblastic leukemia. *Nature Genetics* **43**(3):237-41 (2011).

Kim J. C., *et al.* Novel chemosensitive single-nucleotide polymorphism markers to targeted regimens in metastatic colorectal cancer. *Clinical Cancer Research* **17**(5):1200-9 (2011).

Stephens P. J., *et al.* Massive genomic rearrangement acquired in a single catastrophic event during cancer development. *Cell* **144**(1):27-40 (2011).

Pasaniuc B., *et al.* Enhanced statistical tests for GWAS in admixed populations: assessment using African Americans from CARE and a Breast Cancer Consortium. *PLoS Genetics* **7**(4) (2011).

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Timmermann B., *et al.* Somatic mutation profiles of MSI and MSS colorectal cancer identified by whole exome next generation sequencing and bioinformatics analysis. *PLoS One* **5**(12) (2010).

Goya R., *et al.* SNVMix: predicting single nucleotide variants from next-generation sequencing of tumors. *Bioinformatics* **26**(6):730-6 (2010).

Gamazon E. R., *et al.* Chemotherapeutic drug susceptibility associated SNPs are enriched in expression quantitative trait loci. *Proceedings of the National Academy of Sciences of the United States of America* **107**(20):9287-92 (2010).

Kleppe M., *et al.* Deletion of the protein tyrosine phosphatase gene PTPN2 in T-cell acute lymphoblastic leukemia. *Nature Genetics* **42**(6) (2010).

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Restall I. J., *et al.* Induction of Premature Senescence by Hsp90 Inhibition in Small Cell Lung Cancer. *PLoS One* **5**(6) (2010).

Mao X., *et al.* Distinct Genomic Alterations in Prostate Cancers in Chinese and Western Populations Suggest Alternative Pathways of Prostate Carcinogenesis. *Cancer Research* **70**(13):5207-12 (2010).

Long J., *et al.* Identification of a Functional Genetic Variant at 16q12.1 for Breast Cancer Risk: Results from the Asia Breast Cancer Consortium. *PLoS Genetics* **6**(6) (2010).

Clark M. J., *et al.* U87MG Decoded: The Genomic Sequence of a Cytogenetically Aberrant Human Cancer Cell Line. *PLoS Genetics* **6**(1) (2010).

Ramakrishna M., *et al.* Identification of Candidate Growth Promoting Genes in Ovarian Cancer through Integrated Copy Number and Expression Analysis. *PLoS One* **5**(4) (2010).

Gorringer K. L., *et al.* Copy Number Analysis Identifies Novel Interactions Between Genomic Loci in Ovarian Cancer. *PLoS One* **5**(9) (2010).

Geiger T., *et al.* Proteomic changes resulting from gene copy number variations in cancer cells. *PLoS Genetics* **6**(9) (2010).

Gaudet, M. M., *et al.* Common Genetic Variants and Modification of Penetrance of BRCA2-Associated Breast Cancer. *PLoS Genetics* **6**(10) (2010).

Ramakrishna M., *et al.* Identification of candidate growth promoting genes in ovarian cancer through integrated copy number and expression analysis. *PLoS One* **5**(4) (2010).

Pleasant E. D., *et al.* A comprehensive catalogue of somatic mutations from a human cancer genome. *Nature* **463**(7278) (2010).

Andrews J., *et al.* Multi-Platform Whole-Genome Microarray Analyses Refine the Epigenetic Signature of Breast Cancer Metastasis with Gene Expression and Copy Number. *PLoS One* **5**(1) (2010).

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Zheng W., *et al.* Genome-wide association study identifies a new breast cancer susceptibility locus at 6q25.1. *Nature Genetics* **41**(3):324-8 (2009).

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CNS disorders

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Caliskan M., *et al.* Exome sequencing reveals a novel mutation for autosomal recessive non-syndromic mental retardation in the TECR gene on chromosome 19p13. *Human Molecular Genetics* **20**(7):1285-9 (2011).

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Epidemiology and population studies

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Rare disorders

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