


Gene Expression Omnibus

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Scope: Format: Amount: GEO accession:

Series GSE13294[Query DataSets for GSE13294](#)

Status Public on Jan 22, 2009
Title Expression data from primary colorectal cancers
Organism [Homo sapiens](#)
Experiment type Expression profiling by array
Summary Samples were taken from colorectal cancers in surgically resected specimens in 155 colorectal cancer patients. The expression profiles were determined using Affymetrix Human Genome U133Plus 2.0 arrays. Our MSI/MSS classifier was applied to these samples.

Keywords: Expression profiling by array

Overall design mRNA from one-hundred-fifty-five primary colorectal tumour samples were extracted and hybridized to HG-U133Plus 2.0 expression arrays. The MAS5.0 procedure was used to make calls of expression. Data from each sample were quantile normalized and log-2 transformed.

Contributor(s) [Ørntoft TF](#), [Andersen CL](#)

Citation(s) Jorissen RN, Lipton L, Gibbs P, Chapman M et al. DNA copy-number alterations underlie gene expression differences between microsatellite stable and unstable colorectal cancers. *Clin Cancer Res* 2008 Dec 15;14(24):8061-9. PMID: [19088021](#)

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Platforms (1) [GPL570](#) [HG-U133_Plus_2] Affymetrix Human Genome U133 Plus 2.0 Array

Samples (155) [GSM335510](#) primary colorectal adenocarcinoma R001: MSS

[More...](#)

[GSM335511](#) primary colorectal adenocarcinoma R002: MSI

[GSM335512](#) primary colorectal adenocarcinoma R003: MSS

Relations

BioProject [PRJNA109623](#)

Analyze with GEO2R

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Format

- [SOFT](#)
- [MINiML](#)
- [TXT](#)

Supplementary file	Size	Download	File type/resource
GSE13294_RAW.tar	1.2 Gb	(http) (custom)	TAR (of CEL)
GSE13294_clinical_data.txt.gz	689 b	(ftp) (http)	TXT
Raw data provided as supplementary file			
Processed data included within Sample table			