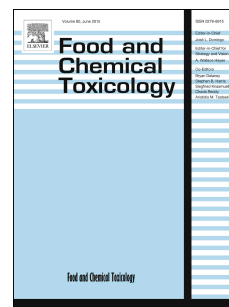


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Gene Expression Profiling in Colon of Mice Exposed to Food Additive Titanium Dioxide (E171)

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Abbreviations:

AOM: Azoxymethane

AU: Arbitrary Units

CPDB: Consensus Pathway DataBase

CRC: Colorectal cancer

DEG: Differentially Expressed Genes

DSS: Dextran Sodium Sulphate

EFSA: European Food Safety Authority

FES: Feature Extraction Software

GSEA: Gene Set Enrichment Analysis

GPCR: G-Protein Coupled Receptor

H&E: Hematoxylin & Eosin

LIMMA: Linear Mix Model Analysis for Microarrays

MPs: Microparticles

NPs: Nanoparticles

ORA: Over-Representation gene set Analysis

PBS: Phosphate-Buffered Saline

RIN: RNA Integrity Number

ROS: Reactive Oxygen Species

TiO₂: Titanium dioxide

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