The Promise of Genome Editing Tools to Advance Environmental Health Research

A Workshop of the NAS Standing Committee on Emerging Science for Environmental Health Decisions

Background Reading

Reviews & Commentaries

CRISPR, TALENS, ZFN


piRNA

Assumpção CB, Calcagno DQ, Araújo TM, Santos SE, Santos ÂK, Riggins GJ, Burbano RR, Assumpção PP. The role of piRNA and its potential clinical implications in cancer. Epigenomics . 2015; 7(6), 975-84 doi: 10.2217/epi.15.37

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Research Publications


Clark KC, Pettus JM, Grobe JL, Kwitek AE. CRISPR-Cas9 Gene Editing Yields a Novel Rat Model with Genetic Regulation of Obesity. The FASEB Journal. 2017; 31(1) Supplement


Smith BW, Stanford EA, Sherr DH, Murphy GJ. Genome Editing of the CYP1A1 Locus in iPSCs as a Platform to Map AHR Expression throughout Human Development. Stem Cells International 2016