

miRCURY™ RNA Isolation publications

Publications sorted by sample type:

Selected publications- biofluids

Ameling *et al.* Associations of circulating plasma microRNAs with age, body mass index and sex in a population-based study. BMC Med Genomics. 2015 Oct 14;8:61. PMID: [26462558](#)

McAlexander *et al.* Comparison of Methods for miRNA Extraction from Plasma and Quantitative Recovery of RNA from Cerebrospinal Fluid. Front Genet. 2013 May 16;4:83. PMID: [23720669](#)

Sedlackova *et al.* Selection of an optimal method for co-isolation of circulating DNA and miRNA from the plasma of pregnant women. Clin Chem Lab Med. 2014 Nov;52(11):1543-8. PMID: [24815052](#)

Selected publications- cells

Najafi *et al.* Degradation of miR-21 induces apoptosis and inhibits cell proliferation in human hepatocellular carcinoma. Cancer Gene Ther. 2015 Nov;22(11):530-5. PMID: [26427512](#)

Cardoso *et al.* miR-155 modulates microglia-mediated immune response by down-regulating SOCS-1 and promoting cytokine and nitric oxide production. Immunology, 2012. 135(1): 73-88. PMID: [22043967](#)

Mohan *et al.* Identification of XMRV Infection-Associated microRNAs in Four Cell Types in Culture. PLoS One. 2012. 7(3): e32853. PMID: [22438885](#)

Wang *et al.* RNA helicase DDX5 regulates microRNA expression and contributes to cytoskeletal reorganization in basal breast cancer cells. Mol Cell Proteomics. 2012. 11(2): M111.011932. PMID: [22086602](#)

Asmann *et al.* A novel bioinformatics pipeline for identification and characterization of fusion transcripts in breast cancer and normal cell lines. Nucleic Acids Res. 2011. 39(15): e100 PMID: [21622959](#)

Boucher *et al.* The miR-143/145 cluster is a novel transcriptional target of Jagged-1/Notch signaling in vascular smooth muscle cells. J Biol Chem. 2011. 286(32): 28312-21. PMID: [21685392](#)

Imbert-Fernandez *et al.* MUC1/A and MUC1/B splice variants differentially regulate inflammatory cytokine expression. Exp Eye Res. 2011. 93(5): 649-57. PMID: [21854773](#)

Manavalan *et al.* Differential expression of microRNA expression in tamoxifen-sensitive MCF-7 versus tamoxifen-resistant LY2 human breast cancer cells. Cancer Lett. 2011. 313(1): 26-43. PMID: [21955614](#)

Sun *et al.* Integrated Analysis of Gene Expression, CpG Island Methylation, and Gene Copy Number in Breast Cancer Cells by Deep Sequencing. PLoS One. 2011; 6(2): e17490. PMID: [21364760](#)

Xiao *et al.* Regulation of cyclin-dependent kinase 4 translation through CUG-binding protein 1 and microRNA-222 by polyamines. Mol Biol Cell. 2011. 22(17): 3055-69. PMID: [21737690](#)

Selected publications- exosomes

Eldh *et al.* Importance of RNA isolation methods for analysis of exosomal RNA: evaluation of different methods. *Mol Immunol.* 2012. 50(4): 278-86. PMID: [22424315](#)

Lässer *et al.* Isolation and characterization of RNA-containing exosomes. *J Vis Exp.* 2012. 9;(59): e3037. PMID: [22257828](#)

Selected publications- fine-needle aspiration biopsy

Kitano *et al.* Evaluation of candidate diagnostic micrnas in thyroid fine-needle aspiration biopsy samples. *Thyroid.* 2012. 22(3):285-91. PMID: [22304369](#)

Selected publications- tissue

Jovasevic *et al.* GABAergic mechanisms regulated by miR-33 encode state-dependent fear. *Nat Neurosci.* 2015 Sep;18(9):1265-71. doi: 10.1038/nn.4084. Epub 2015 Aug 17. PubMed PMID: [26280760](#)

Biyashev *et al.* miR-27b controls venous specification and tip cell fate. *Blood.* 2012. 119(11): 2679-87. PMID: [22207734](#)

Li *et al.* A microRNA, mir133b, suppresses melanopsin expression mediated by failure dopaminergic amacrine cells in RCS rats. *Cell Signal.* 2012. 24(3): 685-98. PMID: [22101014](#)

Lin *et al.* MiR-142-3p as a Potential Prognostic Biomarker for Esophageal Squamous Cell Carcinoma. *J Surg Oncol.* 2012. 105(2): 175-82. PMID: [21882196](#)

Pekow *et al.* miR-143 and miR-145 are downregulated in ulcerative colitis: putative regulators of inflammation and proto-oncogenes. *Inflamm Bowel Dis.* 2012. 18(1): 94-100. PMID: [21557394](#)

Traina *et al.* Lipofuscin accumulation and gene expression in different tissues of mnd mice. *Mol Neurobiol.* 2012. 45(2): 247-57. PMID: [22399241](#)

Abraham *et al.* MicroRNA profiling of sporadic and hereditary medullary thyroid cancer identifies predictors of nodal metastasis, prognosis, and potential therapeutic targets. *Clin Cancer Res.* 2011. 17(14): 4772-81. PMID: [21622722](#)

Junn *et al.* Repression of alpha-synuclein expression and toxicity by microRNA-7. *Proc Natl Acad Sci U S A.* 2009. 106(31): 13052-7. PMID: [19628698](#)

