

## miRCURY LNA™ Universal RT microRNA PCR

### Selected publications – panels, cells

**Medrano *et al.*** Two microRNAs -miR-330 and miR-125b-5p- mark the juxtaglomerular cell and balance its smooth muscle phenotype. *Am J Physiol Renal Physiol.* 2012. 302(1): F29-37. PMID: [21993888](#)

**Bhushan *et al.*** EphB6 receptor modulates micro RNA profile of breast carcinoma cells. *PLoS One.* 2011. 6(7): e22484. PMID: [21811619](#)

**Chang *et al.*** HIV-1 Tat promotes neuronal dysfunction through disruption of microRNAs. *J Biol Chem.* 2011. 286(47): 41125-34. PMID: [21956116](#)

**Danielson *et al.*** Increased levels of COX-2 in oral lichen planus supports an autoimmune cause of the disease. *J Eur Acad Dermatol Venereol.* 2011. [Ahead of print]. PMID: [22017396](#)

**Jensen *et al.*** Evaluation of two commercial global miRNA expression profiling platforms for detection of less abundant miRNAs. *BMC Genomics.* 2011. 12: 435. PMID: [21867561](#)

**Li *et al.*** MicroRNA-99a inhibits hepatocellular carcinoma growth and correlates with prognosis of patients with hepatocellular carcinoma. *J Biol Chem.* 2011. 286(42): 36677-85. PMID: [21878637](#)

**Pritchard *et al.*** Blood cell origin of circulating microRNAs: a cautionary note for cancer biomarker studies. *Cancer Prev Res (Phila).* 2011. [Ahead of print]. PMID: [22158052](#)

**Wang *et al.*** Green tea polyphenol EGCG suppresses lung cancer cell growth through upregulating miR-210 expression caused by stabilizing HIF-1 $\alpha$ . *Carcinogenesis.* 2011. 32(12): 1881-9. PMID: [21965273](#)

**Goncharova *et al.*** Interferons modulate mitogen-induced protein synthesis in airway smooth muscle. *Am J Physiol Lung Cell Mol Physiol.* 2010. 299(1): L25-35. PMID: [20382746](#)

**Kazenwadel *et al.*** Prox1 expression is negatively regulated by miR-181 in endothelial cells. *Blood.* 2010. 116: 2395-401. PMID: [20558617](#)

### Selected publications – panels, plasma & serum

**Bryant *et al.*** Changes in circulating microRNA levels associated with prostate cancer. *Br J Cancer.* 2012. [Ahead of print]. PMID: [22240788](#)

**Arroyo *et al.*** Argonaute2 complexes carry a population of circulating microRNAs independent of vesicles in human plasma. *Proc Natl Acad Sci U S A.* 2011. 108: 5003-8. PMID: [21383194](#)



**Selected publications - primers**

**Cardoso *et al.*** miR-155 modulates microglia-mediated immune response by downregulating SOCS-1 and promoting cytokine and NO production. *Immunology*. 2012. 135: 73-88. PMID: [22043967](#)

**Gu *et al.*** Effect of narrow-band ultraviolet B phototherapy on p63 and microRNA (miR-21 and miR-125b) expression in psoriatic epidermis. *Acta Derm Venereol*. 2011. 5: 392-7. PMID: [21373745](#)

**Noorbakhsh *et al.*** Impaired neurosteroid synthesis in multiple sclerosis. *Brain*. 2011. 134: 2703-21. PMID: [21908875](#)

**Mukerjee *et al.*** Deregulation of microRNAs by HIV-1 Vpr protein leads to the development of neurocognitive disorders. *J Biol Chem*. 2011. 286(40): 34976-85. PMID: [21816823](#)

**Zhang *et al.*** Regulation of cardiac microRNAs by serum response factor. *J Biomed Sci*. 2011. 8; 18:15. PMID: [21303526](#)

