

## miRCURY LNA™ Detection Probes for *In Situ* Hybridization

### Selected publications — cryosections

**Chakrabarty *et al.*** MicroRNA regulation of cyclooxygenase-2 during embryo implantation. Proc. Natl. Acad. Sci. USA 2007, 104: 15144-9. PMID: [17848513](#)

Source: Frozen mouse uterine sections

Targets: miR-101a, miR-199a\*

**Choi *et al.*** Members of the miRNA-200 family regulate olfactory neurogenesis. Neuron 2008, 57: 41-55. PMID: [18184563](#)

Source: Mouse main olfactory epithelium (MOE) tissue sections / Whole mount zebrafish

Targets: miR-34b, c, miR-96, miR-125b, miR-139, miR-140\*, miR-141, miR-182, miR-183, miR-191, miR-199a, a\*, miR-199b, miR-200a, b, miR-205, miR-429, miR-449 / miR-200 family members

**Christoffersen *et al.*** miR-200b mediates post-transcriptional repression of ZFH1B. RNA 2007, 13: 1172-8. PMID: [17585049](#)

Source: Frozen tissue sections from adult mouse brain

Targets: miR-200b

**Correa-Medina *et al.*** MicroRNA miR-7 is preferentially expressed in endocrine cells of the developing and adult human pancreas. Gene Expr. Patterns 2009, 9: 193-9. PMID: [19135553](#)

Source: Human (adult and fetal) pancreatic tissue sections.

Targets: miR-7, sense miR-159 (control)

**Dharap *et al.*** Transient focal ischemia induces extensive temporal changes in rat cerebral MicroRNAome. J. Cereb. Blood Flow Metab. 2009, 29: 675-87. PMID: [19142192](#)

Source: Rat brain sections

Targets: miR-137, miR-145

**Duisters *et al.*** miR-133 and miR-30 regulate connective tissue growth factor: implications for a role of microRNAs in myocardial matrix remodeling. Circ. Res. 2009, 104: 170-8. PMID: [19096030](#)

Source: Frozen sections from normal rat heart

Targets: miR-133

**Dyrskjøt *et al.*** Genomic profiling of microRNAs in bladder cancer: miR-129 is associated with poor outcome and promotes cell death in vitro. Cancer Res. 2009, 69: 4851-60. PMID: [19487295](#)

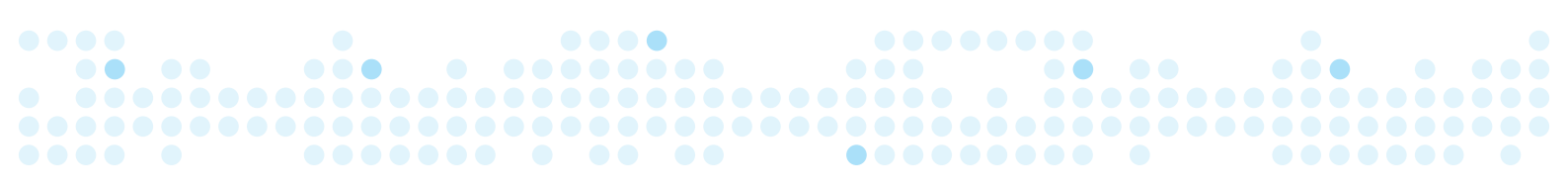
Source: Frozen human bladder tissue sections

Targets: miR-21, miR-145, miR-129

**Elmén *et al.*** LNA-mediated microRNA silencing in non-human primates. Nature 2008, 452: 896-9. PMID: [18368051](#)

Source: Frozen liver sections from African green monkeys

Targets: miR-122



**Friedman *et al.*** MicroRNAs are essential for development and function of inner ear hair cells in vertebrates. Proc. Natl. Acad. Sci. USA 2009, 106: 7915-20. PMID: [19416898](#)

Source: Mouse and zebrafish inner ear

Targets: Mouse: miR-15a, miR-18a, miR-30b, miR-99a, miR-199a, zebrafish: miR-15a, miR-18a

**Hébert *et al.*** Loss of microRNA cluster miR-29a/b-1 in sporadic Alzheimer's disease correlates with increased BACE1/beta-secretase expression. Proc. Natl. Acad. Sci. USA 2008, 105: 6415-20. PMID: [18434550](#)

Source: Frozen mouse brain sections

Targets: miR-29a, b-1

**Huse *et al.*** The PTEN-regulating microRNA miR-26a is amplified in high-grade glioma and facilitates gliomagenesis *in vivo*. Genes Dev. 2009, 23: 1327-37. PMID: [19487573](#)

Source: Frozen mouse brain sections

Targets: miR-26a

**Lian *et al.*** Altered microRNA expression in patients with non-obstructive azoospermia. Reprod. Biol. Endocrinol. 2009, 7: 13. PMID: [19210773](#)

Source: Frozen sections of human testis

Targets: miR-383

**Liu *et al.*** A Necessary Role of miR-221 and miR-222 in Vascular Smooth Muscle Cell Proliferation and Neointimal Hyperplasia. Circ. Res. 2009, 104: 476-87. PMID: [19150885](#)

Source: Frozen rat vessel (carotid arteries) sections

Targets: miR-221, miR-222

**Obernosterer *et al.*** Locked nucleic acid-based *in situ* detection of microRNAs in mouse tissue sections. Nat. Protoc. 2007, 2: 1508-14. PMID: [17571058](#)

Source: Mouse tissue sections

**Segura *et al.*** Aberrant miR-182 expression promotes melanoma metastasis by repressing FOXO3 and microphthalmia-associated transcription factor. Proc. Natl. Acad. Sci. USA 2009, 106: 1814-9. PMID: [19188590](#)

Source: Human skin sections (tissue microarray slides)

Targets: miR-182

**Siegel *et al.*** A functional screen implicates microRNA-138-dependent regulation of the dephosphorylation enzyme APT1 in dendritic spine morphogenesis. Nat. Cell Biol. 2009, 11: 705-16. PMID: [19465924](#)

Source: Frozen mouse brain sections

Targets: miR-9, miR-138, miR-218

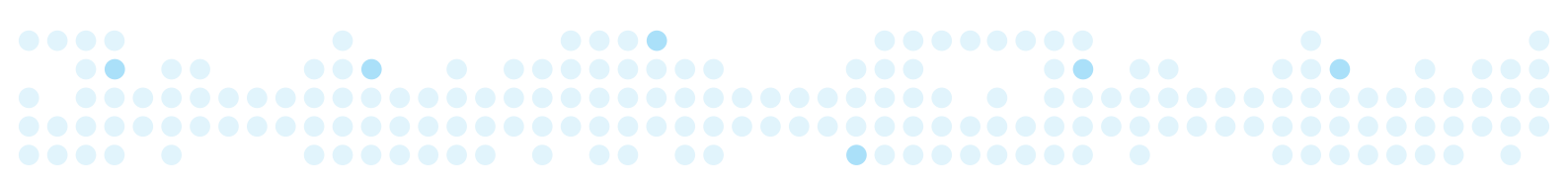
**Silahtaroglu *et al.*** Detection of microRNAs in frozen tissue sections by fluorescence *in situ* hybridization using locked nucleic acid probes and tyramide signal amplification. Nat. Protoc. 2007, 2: 2520-8. PMID: [17947994](#)

Source: Animal tissue cryosections, human tumor biopsies

**Song *et al.*** Many X-linked microRNAs escape meiotic sex chromosome inactivation. Nat. Genet. 2009, 41: 488-93. PMID: [19305411](#)

Source: Mouse testis

Targets: miR-883-3p, miR-883-5p, miR-718



**Wulczyn *et al.*** Post-transcriptional regulation of the let-7 microRNA during neural cell specification. *FASEB J.* 2007, 21: 415-26. PMID: [17167072](#)

Source: Whole mount mouse embryos. Sections of third ventricles, cortex, striatum and midbrain, anterior spinal cord and dorsal root ganglia, jaw primordia and tongue, left ventricle, lung and pleural cavity, liver, stomach, and hind limb

Targets: miR-1, miR-124, miR-125, miR-128, miR-140, let-7

**Yi *et al.*** A skin microRNA promotes differentiation by repressing 'stemness'. *Nature* 2008, 452 :225-9. PMID: [18311128](#)

Source: Mouse (K14-miR-203) skin sections

Targets: miR-203

### Selected publications — cells

**Dixon-Mclver *et al.*** Distinctive patterns of microRNA expression associated with karyotype in acute myeloid leukaemia. *PLoS ONE* 2008, 3: e2141. PMID: [18478077](#)

Source: Cryopreserved human bone marrow cells

Targets: miR-127, miR-154

**Fiore *et al.*** Mef2-mediated transcription of the miR379-410 cluster regulates activity-dependent dendritogenesis by fine-tuning Pumilio2 protein levels. *EMBO J.* 2009, 28: 697-710. PMID: [19197241](#)

Source: Rat brain (hippocampal neuron) cells

Targets: miR-134

**Kocerha *et al.*** MicroRNA-219 modulates NMDA receptor-mediated neurobehavioral dysfunction. *Proc. Natl. Acad. Sci. USA* 2009, 106: 3507-12. PMID: [19196972](#)

Source: Fixed P19 (mouse embryonic carcinoma) cells.

Targets: miR-219

**Nathans *et al.*** Cellular microRNA and P bodies modulate host-HIV-1 interactions. *Mol. Cell* 2009, 34: 696-709. PMID: [19560422](#)

Source: 293T cells

Targets: miR-18a, HIV-1 nef RNA

**Nuovo.** *In situ* detection of precursor and mature microRNAs in paraffin embedded, formalin fixed tissues and cell preparations. *Methods.* 2008, 44: 39-46. PMID: [18158131](#)

Source: FFPE tissues and cells

**Politz *et al.*** MicroRNA-206 colocalizes with ribosome-rich regions in both the nucleolus and cytoplasm of rat myogenic cells. *Proc. Natl. Acad. Sci. USA* 2006, 103: 18957-62. PMID: [17135348](#)

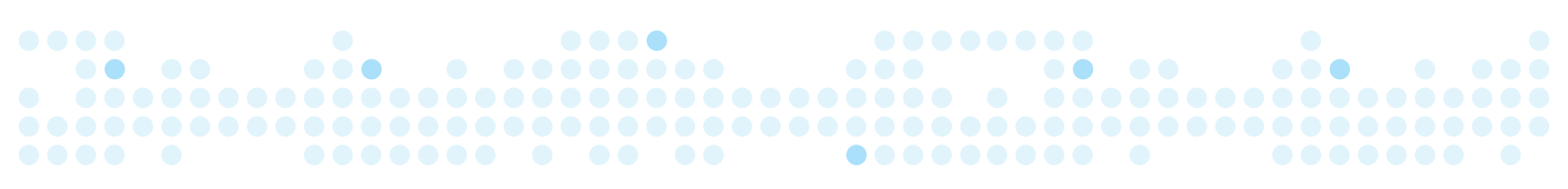
Source: L6 rat myogenic cells

Targets: let-7a, miR-206, pre-miR-206

**Rybak *et al.*** A feedback loop comprising lin-28 and let-7 controls pre-let-7 maturation during neural stem-cell commitment. *Nat. Cell Biol.* 2008, 10: 987-93. PMID: [18604195](#)

Source: p19 EC (embryonic carcinoma) cells

Targets: let-7a, pre-let-7a



**Schratt *et al.*** A brain-specific microRNA regulates dendritic spine development. *Nature* 2006, 439: 283-9. PMID: [16421561](#)

Source: Rat hippocampal neuron cells

Targets: miR-134

**Shi *et al.*** An androgen-regulated miRNA suppresses Bak1 expression and induces androgen-independent growth of prostate cancer cells. *Proc. Natl. Acad. Sci. USA* 2007, 104: 19983-8. PMID: [18056640](#)

Source: Human prostatic cell lines: Cds1, LNCaP, pRNS-1-1-AR<sup>WT</sup> / Human FFPE CaP tissue

Targets: miR-125b

**Xu *et al.*** MicroRNA-145 regulates OCT4, SOX2, and KLF4 and represses pluripotency in human embryonic stem cells. *Cell* 2009, 137: 647-58. PMID: [19409607](#)

Source: Human embryonic stem (hESC) cells

targets: miR-145

#### Selected publications — whole mount

**Ason *et al.*** Differences in vertebrate microRNA expression. *Proc. Natl. Acad. Sci. USA* 2006, 103: 14385-9. PMID: [16983084](#)

Source: Whole mount chicken, mouse, medaka, zebrafish

Targets: miR-1, miR-125b (all org.); let-7a, miR-107, miR-146, miR-199a (chick. & med.); miR-145, miR-205, miR-454a (zeb. & med.); miR-7, miR-34a, miR-140, miR-200b, miR-206 (med.)

**Darnell *et al.*** MicroRNA expression during chick embryo development. *Dev. Dyn.* 2006, 235: 3156-65. PMID: [17013880](#)

Source: Whole mount chicken embryos

Targets: let-7a, b, k, miR-1, b, miR-9, miR-10b, miR-15a, miR-17-5p, miR-18b, miR-19a, miR-20a, b, miR-21, miR-30a, e, miR-34a, miR-106, miR-124a, b, miR-125b, miR-126, miR-128, miR-130b, miR-133a, miR-135, miR-140, miR-144, miR-153, miR-183, miR-184, miR-187, miR-199a, miR-200b, miR-204, miR-205a, b, miR-206, miR-218, miR-219, miR-222b, miR-307, miR-363, miR-367, miR-375, miR-449

**Daubas *et al.*** The regulatory mechanisms that underlie inappropriate transcription of the myogenic determination gene *Myf5* in the central nervous system. *Dev. Biol.* 2009, 327: 71-82. PMID: [18593903](#)

Source: Mouse embryos

Targets: miR-31

**Du *et al.*** Experimental validation and complexity of miRNA-mRNA target interaction during zebrafish primitive erythropoiesis. *Biochem. Biophys. Res. Commun.* 2009, 381: 688-93. PMID: [19254693](#)

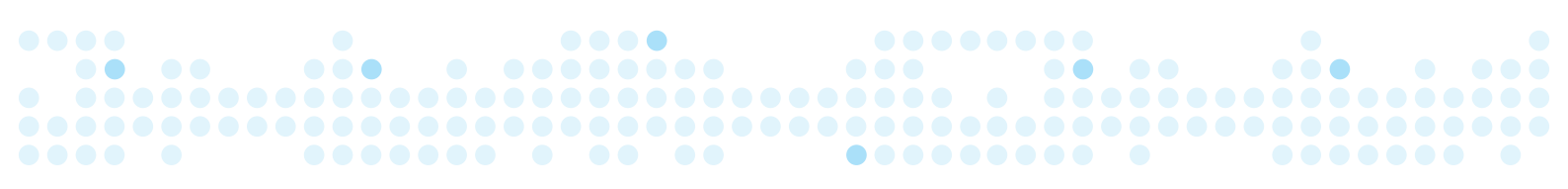
Source: Whole mount zebrafish

Targets: miR-451

**Eberhart *et al.*** MicroRNA Mirn140 modulates Pdgf signaling during palatogenesis. *Nat Genet.* 2008, 40: 290-8. PMID: [18264099](#)

Source: Whole mount and frozen sections of zebrafish embryos

Targets: miR-140



**Flynt *et al.*** miR-8 microRNAs regulate the response to osmotic stress in zebrafish embryos. *J. Cell Biol.* 2009, 185: 115-27. PMID: [19332888](#)

Source: Whole mount zebrafish embryos

Targets: miR-200b

**Fu *et al.*** Mir-144 selectively regulates embryonic alpha-hemoglobin synthesis during primitive erythropoiesis.

*Blood* 2009, 113: 1340-9. PMID: [18941117](#)

Source: Whole mount zebrafish

Targets: miR-144

**Kapsimali *et al.*** MicroRNAs show a wide diversity of expression profiles in the developing and mature central nervous system. *Genome Biol.* 2007, 8: R173. PMID: [17711588](#)

Source: Larval and adult zebrafish brain and retinal sections

Targets: let-7b, miR-9, miR-34, miR-92b, miR-96, miR-124, miR-125b, miR-132, miR-137, miR-138, miR-153a, miR-181a, b, miR-182, miR-183, miR-218a, miR-219, miR-222, miR-454a

**Kloosterman *et al.*** Cloning and expression of new microRNAs from zebrafish. *Nucleic Acids Res.* 2006, 34: 2558-69. PMID: [16698962](#)

Source: Whole mount zebrafish embryos and sections

Targets: miR-34c-5p, miR-92b, miR-135, miR-429, miR-451, miR-454a, miR-455, miR-459, miR-499, miR-733, miR-735-3p

**Kloosterman *et al.*** *In situ* detection of miRNAs in animal embryos using LNA-modified oligonucleotide probes.

*Nat. Methods* 2006, 3: 27-9. PMID: [16369549](#)

**Le *et al.*** MicroRNA-125b is a novel negative regulator of p53. *Genes Dev.* 2009, 23: 862-76. PMID: [19293287](#)

Source: Zebrafish embryos

Targets: miR-125b (double DIG labeled probes)

**Lee *et al.*** Twist-1 regulates the miR-199a/214 cluster during development. *Nucleic Acids Res.* 2009, 37: 123-8.

PMID: [19029138](#)

Source: Whole mount mouse embryos

Targets: miR-199a-5p, miR-199a-3p, miR-214

**Leucht *et al.*** MicroRNA-9 directs late organizer activity of the midbrain-hindbrain boundary. *Nat. Neurosci.* 2008,

11: 641-8. PMID: [18454145](#)

Source: Whole mount zebrafish embryos and sections

Targets: miR-9

**Morton *et al.*** microRNA-138 modulates cardiac patterning during embryonic development. *Proc. Natl. Acad. Sci.*

USA 2008, 105: 17830-5. PMID: [19004786](#)

Source: Whole mount zebrafish embryos

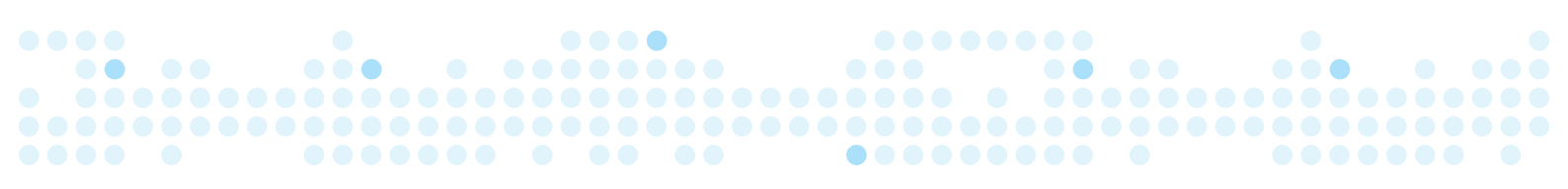
Targets: miR-138

**Pase *et al.*** miR-451 regulates zebrafish erythroid maturation *in vivo* via its target gata2. *Blood* 2009, 113: 1794-804.

PMID: [18849488](#)

Source: Whole mount zebrafish embryos and adult tissues

Targets: miR-144, miR-451, miR-206



**Qiu et al.** Misexpression of miR-196a induces eye anomaly in *Xenopus laevis*. Brain Res. Bull. 2009, 79: 26-31. PMID: [19146930](#)

Source: Whole mount *Xenopus* embryo

Targets: miR-196a

**Redshaw et al.** microRNA-449 is a putative regulator of choroid plexus development and function. Brain Res. 2009, 1250: 20-6. PMID: [19056356](#)

Source: Whole mount and mouse embryo sections

Targets: miR-449 (double DIG labeled probes)

**Rosa et al.** The miR-430/427/302 family controls mesendodermal fate specification via species-specific target selection. Dev. Cell 2009, 16: 517-27. PMID: [19386261](#)

Source: Whole-mount *Xenopus* embryos

Target: miR-427

**Roy et al.** MicroRNA expression in response to murine myocardial infarction: miR-21 regulates fibroblast metalloprotease-2 via phosphatase and tensin homologue. Cardiovasc. Res. 2009, 82: 21-9. PMID: [19147652](#)

Source: Mouse heart FFPE sections

Targets: miR-21

**Shkumatava et al.** Coherent but overlapping expression of microRNAs and their targets during vertebrate development. Genes Dev. 2009, 23: 466-81. PMID: [19240133](#)

Source: Whole mount zebrafish embryos

Targets: mir-124, mir-206

**Sokol & Ambros.** Mesodermally expressed *Drosophila* microRNA-1 is regulated by Twist and is required in muscles during larval growth. Genes Dev. 2005, 19: 2343-54. PMID: [16166373](#)

Source: Whole mount *Drosophila* embryos

Targets: miR-1

**Soukup et al.** Residual microRNA expression dictates the extent of inner ear development in conditional Dicer knockout mice. Dev. Biol. 2009, 328: 328-41. PMID: [19389351](#)

Source: Whole mount mouse embryos

Targets: miR-124, miR-183

**Sweetman et al.** FGF-4 signaling is involved in mir-206 expression in developing somites of chicken embryos. Dev. Dyn. 2006, 235: 2185-91. PMID: [16804893](#)

Source: Whole mount chicken, mouse and *Xenopus* embryos

Targets: miR-124, miR-206

**Sweetman et al.** Specific requirements of MRFs for the expression of muscle specific microRNAs, miR-1, miR-206 and miR-133. Dev. Biol. 2008, 321: 491-9. PMID: [18619954](#)

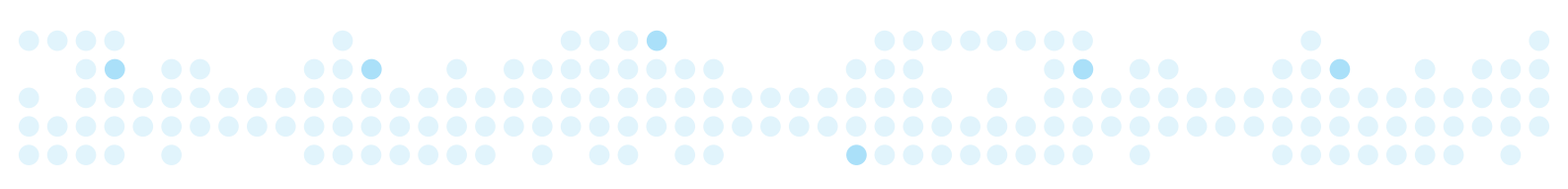
Source: Whole mount chicken embryos

Targets: miR-1, miR-133, miR-206 (double DIG labeled probes)

**Wienholds et al.** MicroRNA Expression in Zebrafish Embryonic Development. Science 2005, 309: 310-1. PMID: [15919954](#)

Source: Whole mount zebrafish

Targets: miR-7, miR-30c, miR-122, miR-124a, miR-126, miR-140, miR-200a, miR-206, miR-217



**Woltering & Durston.** MiR-10 represses HoxB1a and HoxB3a in zebrafish. PLoS ONE 2008, 3: e1396. PMID: [18167555](#)

Source: Whole mount zebrafish embryos

Targets: miR-10a, b, c, d

**Wulczyn *et al.*** Post-transcriptional regulation of the let-7 microRNA during neural cell specification. FASEB J. 2007, 21: 415-26. PMID: [17167072](#)

Source: Whole mount mouse embryos. Sections of third ventricles, cortex, striatum and midbrain, anterior spinal cord and dorsal root ganglia, jaw primordia and tongue, left ventricle, lung and pleural cavity, liver, stomach, and hind limb

Targets: miR-1, miR-124, miR-125, miR-128, miR-140, let-7

### Selected publications — FFPE

**Bandres *et al.*** MicroRNA-451 regulates macrophage migration inhibitory factor production and proliferation of gastrointestinal cancer cells. Clin. Cancer Res. 2009, 15: 2281-90. PMID: [19318487](#)

Source: Human gastric mucous glands

Targets: miR-451

**Foshay & Gallicano.** miR-17 family miRNAs are expressed during early mammalian development and regulate stem cell differentiation. Dev. Biol. 2009, 326: 431-43. PMID: [19073166](#)

Source: Paraformaldehyde fixed mouse blastocysts. Immunostaining.

Targets: miR-17-5p, miR-20a, miR-93 and miR-106

**Hiyoshi *et al.*** MicroRNA-21 regulates the proliferation and invasion in esophageal squamous cell carcinoma. Clin. Cancer Res. 2009, 15: 1915-22. PMID: [19276261](#)

Source: Human esophageal tissue

Targets: miR-21

**Kong *et al.*** MicroRNA-155 is regulated by the transforming growth factor beta/Smad pathway and contributes to epithelial cell plasticity by targeting RhoA. Mol. Cell Biol. 2008, 28: 6773-84. PMID: [18794355](#)

Source: FFPE human breast tissue sections

Targets: miR-155

**Liu *et al.*** Uncovering growth-suppressive MicroRNAs in lung cancer. Clin. Cancer Res. 2009, 15: 1177-83. PMID: [19228723](#)

Source: Mouse FFPE lung sections.

Targets: miR-21, miR-34c, miR-145

**Monzo *et al.*** Overlapping expression of microRNAs in human embryonic colon and colorectal cancer. Cell Res. 2008, 18: 823-33. PMID: [18607389](#)

Source: FFPE human colon tissue sections

Targets: miR-17-5p

**Navarro *et al.*** MicroRNA expression profiling in classic Hodgkin lymphoma. Blood 2008, 111: 2825-32. PMID: [18089852](#)

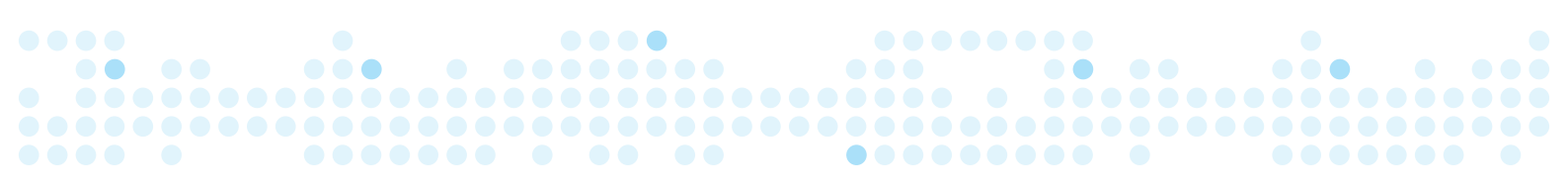
Source: FFPE human lymph node tissue

Targets: miR-21, miR-134, miR-138, miR-155

**Nelson *et al.*** RAKE and LNA-ISH reveal microRNA expression and localization in archival human brain. RNA 2006, 12: 187-91. PMID: [16373485](#)

Source: FFPE human brain tissue

Targets: miR-9, miR-122a, miR-124a, miR-125b



**Nuovo.** *In situ* detection of precursor and mature microRNAs in paraffin embedded, formalin fixed tissues and cell preparations. *Methods*. 2008, 44: 39-46. PMID: [18158131](#)  
Source: FFPE tissues and cells

**Nuovo et al.** A methodology for the combined *in situ* analyses of the precursor and mature forms of microRNAs and correlation with their putative targets. *Nat. Protoc.* 2009, 4: 107-15. PMID: [19131963](#)  
Source: FFPE samples

**Pena et al.** miRNA *in situ* hybridization in formaldehyde and EDC-fixed tissues. *Nat. Methods*. 2009, 6: 139-41. PMID: [19137005](#)  
Source: Formaldehyde and EDC-fixed tissues

**Robertus et al.** Specific expression of miR-17-5p and miR-127 in testicular and central nervous system diffuse large B-cell lymphoma. *Mod. Pathol.* 2009, 22: 547-55. PMID: [19287466](#)  
Source: Human B-cell lymphoma  
Targets: miR-17-5p, miR-127-3p

**Sempere et al.** Altered MicroRNA expression confined to specific epithelial cell subpopulations in breast cancer. *Cancer Res.* 2007, 67: 11612-20. PMID: [18089790](#)  
Source: FFPE human breast tissue  
Targets: let7-a, miR-21, miR-141, miR-145, miR-205, miR-214

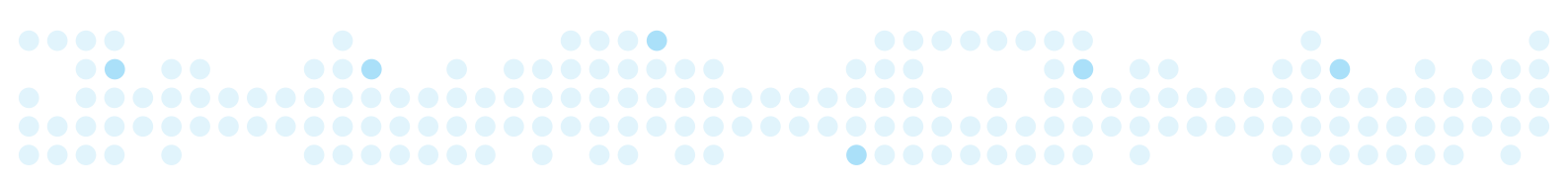
**Shi et al.** An androgen-regulated miRNA suppresses Bak1 expression and induces androgen-independent growth of prostate cancer cells. *Proc. Natl. Acad. Sci. USA* 2007, 104: 19983-8. PMID: [18056640](#)  
Source: Human prostatic cell lines: Cds1, LNCaP, pRNS-1-1-AR<sup>WT</sup> / Human FFPE CaP tissue  
Targets: miR-125b

**Yamamichi et al.** Locked nucleic acid *in situ* hybridization analysis of miR-21 expression during colorectal cancer development. *Clin. Cancer Res.* 2009, 15: 4009-16. PMID: [19509156](#)  
Source: human colorectal tissue  
Targets: miR-21

**Yang et al.** MicroRNA expression profiling in human ovarian cancer: miR-214 induces cell survival and cisplatin resistance by targeting PTEN. *Cancer Res.* 2008, 68: 425-33. PMID: [18199536](#)  
Source: FFPE human ovarian tissue sections  
Targets: miR-214

**Zhao et al.** MicroRNA-221/222 negatively regulates estrogen receptor alpha and is associated with tamoxifen resistance in breast cancer. *J. Biol. Chem.* 2008, 283: 31079-86. PMID: [18790736](#)  
Source: FFPE human breast tissue sections  
Targets: miR-221, miR-222

**Zhao et al.** Identification of miRNAs associated with tumorigenesis of retinoblastoma by miRNA microarray analysis. *Childs. Nerv. Syst.* 2009, 25: 13-20. PMID: [18818933](#)  
Source: FFPE human retinal tissue sections  
Targets: miR-9, miR-21, miR-124a, miR-125b, miR-26a, miR-320



### Selected publications — plants

**Chitwood *et al.*** Pattern formation via small RNA mobility. *Genes Dev.* 2009, 23: 549-54. PMID: [19270155](#)

Source: *Arabidopsis*

Targets: miR-390, tasiR-ARFs (trans-acting siRNA)

**Kutter *et al.*** MicroRNA-mediated regulation of stomatal development in *Arabidopsis*. *Plant J.* 2007, 19: 2417-29. PMID: [17704216](#)

Source: Whole mounts of leaves from *Arabidopsis* and *Brassica rapa*

Targets: miR-824, miR-824\*

**Nogueira *et al.*** Regulation of small RNA accumulation in the maize shoot apex. *PLoS Genet.* 2009, 5: e1000320. PMID: [19119413](#)

Source: Tissue sections from maize shoot apices

Targets: miR-166, miR-390

**Sieber *et al.*** Redundancy and specialization among plant microRNAs: role of the MIR164 family in developmental robustness. *Development* 2007, 134: 1051-60. PMID: [17287247](#)

Source: Tissue sections of *Arabidopsis* inflorescences

Targets: miR-164

**Válóczi *et al.*** Spatio-temporal accumulation of microRNAs is highly coordinated in developing plant tissues. *Plant J.* 2006, 47: 140-51. PMID: [16824182](#)

Source: FFPE *Nicotiana benthamiana* and *Arabidopsis thaliana* sections

Targets: miR-156a, miR-159a, miR-160, miR-164a, miR-167a, miR-171a, miR-319a

**Wang *et al.*** Dual effects of miR156-targeted SPL genes and CYP78A5/KLUH on plastochron length and organ size in *Arabidopsis thaliana*. *Plant Cell* 2008, 20: 1231-43. PMID: [18492871](#)

Source: *Arabidopsis thaliana* leaf sections

Targets: miR-156

