



# Brigham and Women's Hospital Request for Inner Ear cDNA Microarray Application



## I. General Information:

A. The Inner Ear cDNA Microarrays are an NIH-sponsored research tool offered to the scientific community to promote the investigation of gene expression in the inner ear. The Inner Ear cDNA Microarrays were created from clones derived from a human fetal cochlear cDNA library developed in the lab of Cynthia Morton at Brigham and Women's Hospital and a mouse organ of Corti cDNA library developed in the lab of Bechara Kachar at NIH. Please see references Robertson *et al.* (Genomics, 23;42-50, 1994) and Pompeia *et al.* (Genomics, 83;1012-1023, 2004) for details of library construction. All cDNAs from these libraries are available to the public from distributors of IMAGE Consortium clones. All clone sequences are available in GenBank.

B. Clones from the above libraries were PCR amplified, purified, and spotted onto glass microscope slides at the Harvard-Partners Center for Genetics and Genomics. A spreadsheet listing the clones included in the Inner Ear cDNA Microarrays along with other details of the arrays can be found on the Morton lab website or be obtained by emailing [agiersch@rics.bwh.harvard.edu](mailto:agiersch@rics.bwh.harvard.edu). This information is provided to help you determine whether the Inner Ear cDNA Microarrays are appropriate for your experimental system.

## II. Distribution of Microarrays

A. Before you request for arrays can be granted, we will send you a Material Transfer Agreement. Material and information provided is intended for the use of the investigator named in the application and his/her laboratory ONLY. Transfer of Microarrays to a third party requires prior approval. The terms of distribution are detailed in the Materials Transfer Agreement. Copies of the Microarrays are generally available on a first come, first served basis.

B. Priority for distribution of Inner Ear cDNA Microarrays is as follows:

1. Peer-reviewed funded investigators, including investigators from Federal and National Laboratories.
2. New investigators and investigators developing new projects in academic centers or nonprofit research institutions.
3. All other investigators, including those affiliated with for-profit research institutions.

C. To request the Inner Ear cDNA Microarrays, please:

Complete the attached Application, or directly contact Cynthia C. Morton, Ph.D. ([cmorton@partners.edu](mailto:cmorton@partners.edu)) or Anne B.S. Giersch, Ph.D. ([agiersch@rics.bwh.harvard.edu](mailto:agiersch@rics.bwh.harvard.edu)).

III. Application:

- A. Please print or type.
- B. Please provide enough specific information that we may verify your status.  
Disclosure of confidential scientific information is not required or solicited.

**Information about the Principle Investigator:**

Name: \_\_\_\_\_  
*First Middle Initial Last Degree(s)*

Title: \_\_\_\_\_ Email Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

**Preferred Mailing Address:**

Street, Bldg., Room: \_\_\_\_\_

Department: \_\_\_\_\_

Institution: \_\_\_\_\_

City, State, Zip code: \_\_\_\_\_

**Shipping Address (if different from above):**

Street, Bldg., Room: \_\_\_\_\_

Department: \_\_\_\_\_

Institution: \_\_\_\_\_

City, State, Zip code: \_\_\_\_\_

**Funding Information:**

Please list you funding source for this project. This information will be used for determining priority for array allocation. This information may be used in aggregate for administrative purposes.

- Governmental (e.g., NIH, NSF, DOD, etc.)
- Private, Non-profit (e.g., NOHR)
- Private Corporate
- Institutional
- Currently Unfunded

*Primary Source:*

Name of funding source:  
Title:  
Funding period:

*Secondary Source:*

Name of funding source:  
Title:  
Funding period:

**Project Information:**

Number of human inner ear cDNA microarray slides requested: \_\_\_\_\_

Number of mouse organ of Corti cDNA microarray slides requested: \_\_\_\_\_

Please include a brief description of your project and how you intend to use the inner ear cDNA microarrays. We require this information to verify appropriateness of the your request and to better serve you. Confidential scientific information is not required.

The completed form can be faxed to (617)525-4541, or mailed to:  
Cynthia Morton, Ph.D.  
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Boston, MA 02115