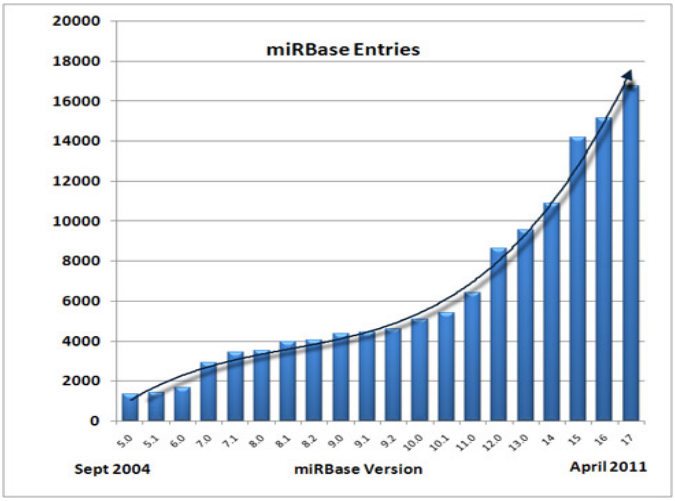
microRNA Microarray Service

The most current probe content available delivering the most complete microRNA expression profile of your samples

miRBase Sequence Database Content

Release 17 - April 2011

The miRBase database provides a searchable online repository for published microRNA sequences and associated annotation. miRBase also provides a gene naming and nomenclature function in the miRBase Registry.



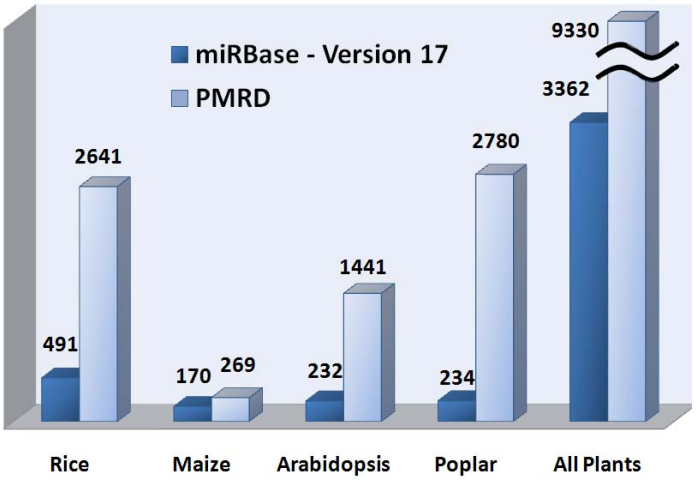
miRBase 17 Probe content is available now at LC Sciences!

- 16,772 entries representing hairpin precursor miRNAs
- 19724 mature miRNA products
- Verified miRNAs for 153 species

Plant MicroRNA Database (PMRD) Content

November 2010 Update

The plant miRNA database (PMRD) integrates available plant miRNA data deposited in public databases, gleaned from the recent literature, and data generated by the database organizers. This database contains sequence information, secondary structure, target genes, expression profiles and a genome browser.



PMRD Probe content is available now at LC Sciences!

- 9330 miRNAs
- 123 plant species
- Includes model plants and major crops such as Arabidopsis, rice, wheat, soybean, maize, sorghum, barley, etc in this update of the database.

Customer Defined Content

These are not spotted arrays. Each microarray is custom synthesized when ordered. That means we can add custom content to any of our standard microRNA microarrays with no delay in data delivery. There is no charge for addition of up to 100 of your custom sequences. Furthermore, the entire contents of the arrays are completely customizable according to the customer's design at a very affordable price. Customers may add up to 3,918 sequences of their own selection for various applications.

- Add content derived from your own RNA-Seq next-gen sequencing data (Seq-Array^{SM})
- Validate existence of *in silico* predicted miRNA sequences
- Design tiling arrays at single nucleotide resolution to screen for new miRNAs along a designated section of genome

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