

miRNA Expression Microarrays



- ▶ Latest miRBase annotation
- ▶ Excellent sensitivity and dynamic range
- ▶ Over 25 scientific publications and counting
- ▶ Compatible with common microarray scanners
- ▶ Enhanced performance with Kreatech ULS & Invitrogen mirVana labeling systems

Phalanx Biotech produces the high-quality OneArray® line of miRNA microarrays: HmiOA (human), MRmiOA (mouse & rat), and MPmiOA (model plants). Specifications for each microarray are in the following table:

Product	Total Probes	Target miRNA	Control Probes	Probe Repeat	Sequence Database
HmiOA v7 Human miRNA OneArray®	7,768	2,588	124	3	Sanger miRBase r21
MRmiOA v7 Mouse & Rat miRNA OneArray®	6,871	Mouse 1,499 Rat 750	148	3	Sanger miRBase r21
MPmiOA v3 Model Plant miRNA OneArray®	3,171	1,817	117	3	Sanger miRBase r17

MPmiOA v3 probe design includes Rice (*Oryza sativa*) • Wall cress (*Arabidopsis thaliana*) • Corn (*Zea mays*) • Soybean (*Glycine max*)
Grape vine (*Vitis vinifera*) • Sorghum (*Sorghum bicolor*) • Purple false brome (*Brachypodium distachyon*)

Custom Microarrays

Phalanx Biotech can manufacture custom microarrays at low, medium, or high densities according to your needs. Depending on the number of probes, we can print up to 8 microarrays per slide. Our low-cost custom microarray fabrication services include probe design, printing, and quality control. Please contact us for more details!

