Technical Brief Vol. 13.1

Mitsubishi Rayon Co., Ltd.

"Genopal™ MICM" DNA Chip for mouse microRNA analysis

MicroRNA profiling for various mouse tissues

Sample: Fluorescence labeled samples were prepared, according to the microRNA analysis protocol using 12.5 μg each of total RNA derived from mouse brain, liver, spleen, heart, kidney, testis, ovary, thymus, lung, and embryo.

DNA Chip: Mitsubishi Rayon's "Genopal™ MICM" , arrayed with 180 probes corresponding to mouse microRNAs.

Experiment: Samples derived from each tissue were hybridized to the Genopal™ MICM , and the resulting fluorescence intensities were measured.

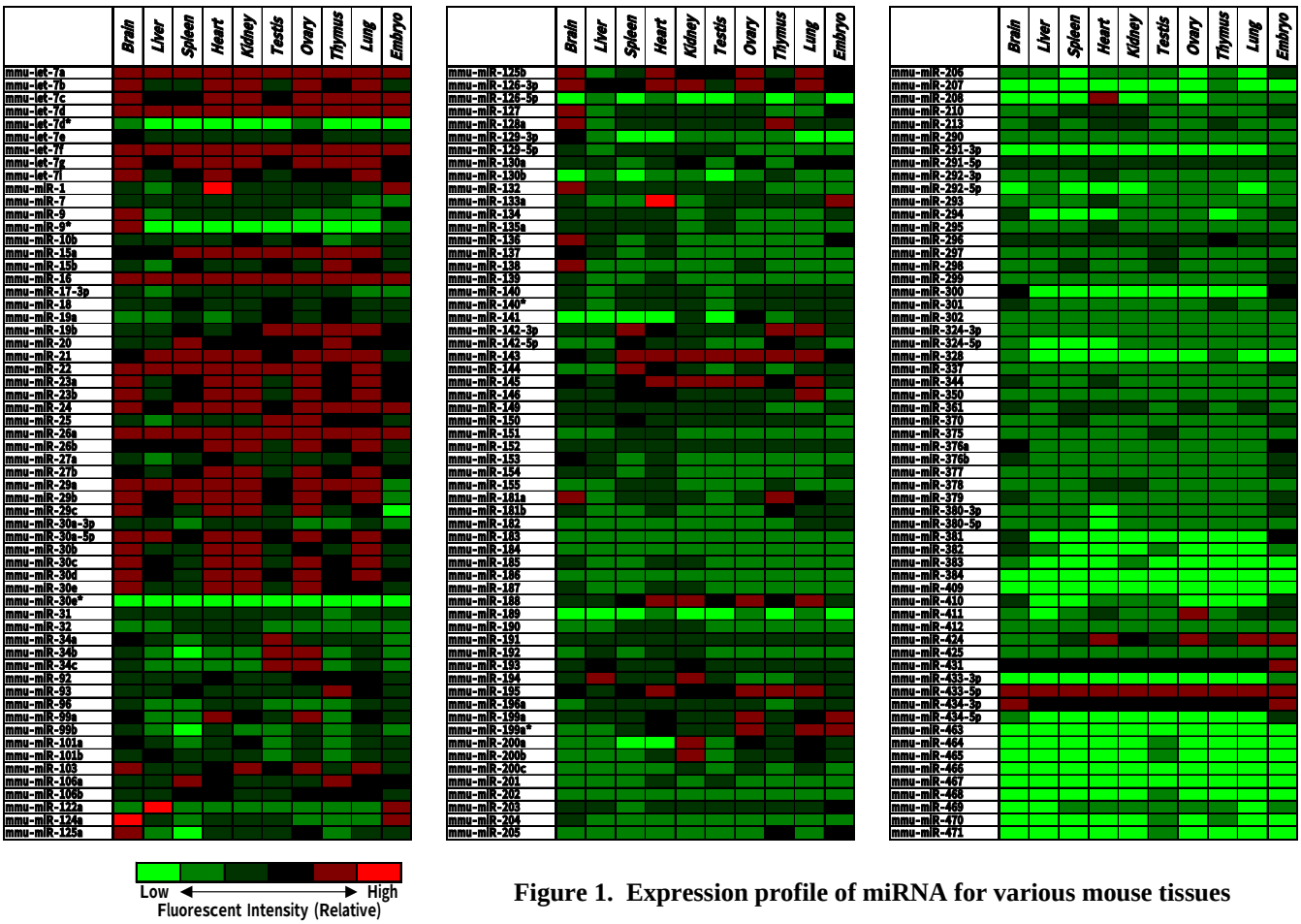

Figure 1. Expression profile of miRNA for various mouse tissues

◆ Contract-analysis using Genopal™ MICM is conducted at KURABO INDUSTRIES, LTD.
For further details regarding the contract analysis, see: http://www.bio.kurabo.co.jp/idensi/microrna/mic_top.htm

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DNA Chip Genopal™