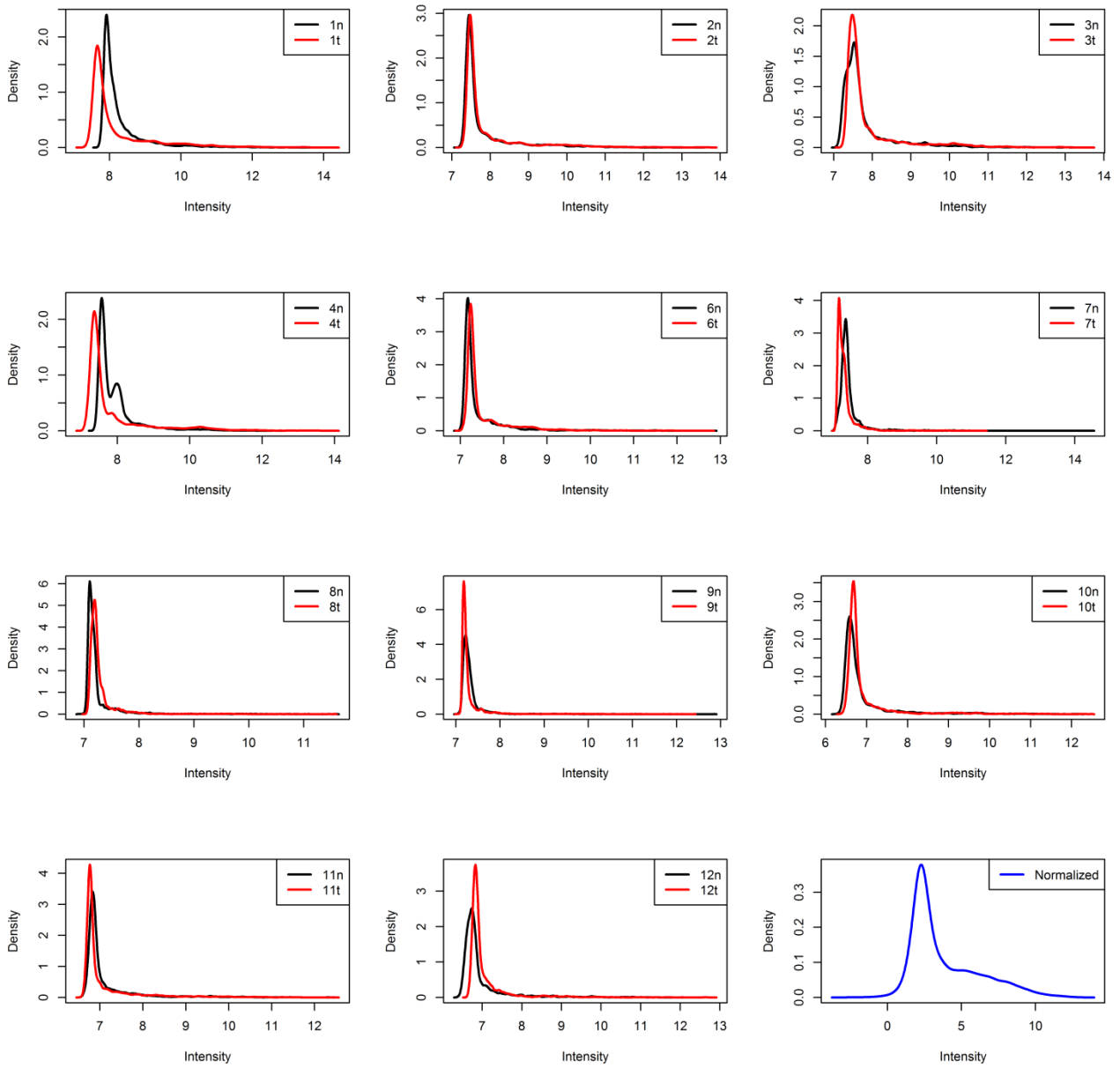**ESM Fig. 2**

Density plots of all intensities measured with the miRCURY expression arrays after log2 transformation for each of the 11 twin pairs. t, twin with type 2 diabetes (red); n, non-diabetic co-twin (black). The bottom right plot shows the density of the expression values after background subtraction, quantile normalization and log2 transformation (blue).