Real-time monitoring of specific oxygen uptake rates of embryonic stem cells in a microfluidic cell culture device

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Supporting Information – Super et al., Real-time monitoring of specific oxygen uptake rates of embryonic stem cells in a microfluidic cell culture device.

Supporting Information, Figure S1: Photograph of the bespoke collar (left). Bespoke collar attached to a 10x microscope objective with an optical fiber (right).

Supporting Information, Figure S2: Growth curves of mouse embryonic stem cells (mESCs) grown in a T-25 flask (open symbol) and in the microfluidic culture device (MFCD, closed symbol). Each point represents the average computed confluency of ten 10x
magnification PCM images. The error bars represent the standard variation of the average confluency.