Description of Additional supplementary files

Supplementary Data 1: The lists of total proteins contained in HEM samples derived from porcine A#1, A#2, A#3, B, and C that were detected by proteomic analysis.

Supplementary Movie 1 : The movie showing synchronized contractions of spontaneously beating human cardiac tissue (HEM-Cf group) on day 14 after fabrication.

Supplementary Movie 2: The movie showing synchronized Ca2+ transients of spontaneously beating human cardiac tissue (HEM-Cf group) on day 14 after fabrication.