

## **Description of Additional Supplementary Files**

**File Name: Supplementary Data 1**

Description: Patient characteristics.

**File Name: Supplementary Data 2**

Description: Sequencing statistics.

**File Name: Supplementary Data 3**

Description: Genes with pronounced genic mCpG and GO analysis.

**File Name: Supplementary Data 4**

Description: LMRs with differential mCpG in fetal and adult non-failing cardiac myocytes.