Epigenetic age provides insight into tissue origin in endometriosis

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Supplemental Figure S1

GEO search:
endometriosis[All Fields] AND (GPL13534[All Fields] OR GPL8490[All Fields]) AND "gse"[Filter]

n = 12

remove duplicates

n = 7

exclude non-endometrial samples

n = 5

Supplemental Table S1

| GEO Accession | Tissue Type                          | Sample Size | Platform  | Analysis          |
|---------------|--------------------------------------|-------------|-----------|-------------------|
| GSE34355      | medulloblastoma                      | 15          | GPL8490   | metastatic cancer |
| GSE73832      | small intestine cancer               | 97          | GPL13534  |                   |
| GSE62231      | paraganglioma                        | 123         | GPL8490   |                   |
| GSE77269      | hepatocellular carcinoma             | 57          | GPL13534  |                   |
| GSE53051      | multiple cancers                     | 220         | GPL13534  |                   |
| GSE39279      | non-small lung cancer                | 515         | GPL13534  |                   |
| GSE93589      | endometrial cancer                   | 9           | GPL13534  |                   |
| GSE81224      | high grade serous ovarian cancer     | 20          | GPL13534  |                   |
| GSE43265      | ovarian cancer                       | 31          | GPL8490   | ovarian classifier|
| GSE26989      | ovarian cancer                       | 51          | GPL8490   |                   |
| GSE73948      | endometrium (endometriosis)          | 24          | GPL13534  |                   |
| GSE73949      | endometrium                          | 17          | GPL13534  |                   |
| GSE90060      | endometrium                          | 34          | GPL13534  |                   |
| GSE87621      | stromal cells                        | 9           | GPL13534  |                   |
| GSE47359      | stromal cells                        | 9           | GPL8490   |                   |
| GSE70783      | intracranial germ cell tumors        | 77          | GPL13534  |                   |

GPL8490: Illumina HumanMethylation27 BeadChip  
GPL13534: Illumina HumanMethylation450 BeadChip
DNA methylation age is decelerated in normal ovarian tissue

Thirty-four (34) samples of non-pathological endometrium from GSE90060 and five (5) samples of non-pathological ovarian surface epithelial cells from GSE81224. P-values are calculated using the Wilcoxon rank-sum test.