**Table S6: MMP-9 mRNA expression in non-treated and PKF 115-584–treated endometrial epithelial and stromal cells of patients with and without endometriosis.**

|  |  |  |
| --- | --- | --- |
| Menstrual  |  Endo + |  Endo - |
| cycle |  |  |
|  |  Epithelial cells |  Stromal cells |  Epithelial cells |  Stromal cells |
|  |  Non-treated |  Treated |  Non-treated |  Treated | Non-treated |  Treated |  No-treated |  Treated |
| M | 16.9 ± 9.4 a | 1.1 ± 0.8 | 10.9 ± 6.4 | 0.4 ± 0.2  | 7.7 ± 5.7 | 0.8 ± 0.08  | 5.84 ± 4.4  | 0.03 ± 0.01  |
|  | (6) | (6) | (6) | (6) | (6) | (6) | (6) | (6) |
| P | 1.4 ± 0.6 | 0.08 ± 0.02  | 2.0 ± 1.3  | 0.09 ± 0.04  | 1.1 ± 0.2  | 0.02 ± 0.001 | 1.1± 0.4 | 0.04 ± 0.02 |
|  | (20) | (20) | (20) | (20) | (20) | (20) | (20) | (20) |
| ES | 1.2 ± 0.6 | 0.07 ± 0.008  | 2.9 ± 1.7 | 0.04 ± 0.02  | 1.3 ± 0.5 | 0.02 ± 0.002  | 1.4 ± 0.9 | 0.01 ± 0.001  |
|  | (7) | (7) | (7) | (7) | (7) | (7) | (7) | (7) |
| MS | 1.0 ± 0.4  | 0.02 ± 0.006 | 1.8 ± 0.6  | 0.02 ± 0.01  | 1.2 ± 0.9 | 0.04 ± 0.01 | 1.5 ± 0.5 | 0.04 ± 0.02 |
|  | (15) | (15) | (15) | (15) | (15) | (15) | (15) | (15) |
| LS | 1.0 ± 0.8 | 0.02 ± 0.002  | 1.1 ± 0.6 | 0.03 ± 0.01  | 0.8 ± 0.2  | 0.02 ± 0.01  | 1.2 ± 0.03 | 0.03 ± 0.001  |
|  | (4) | (4) | (4) | (4) | (4) | (4) | (4) | (4) |

Expression levels of MMP-9 mRNA are given relative to the expression levels of the reference gene,

GAPDH.

All data are expressed as mean ± SEM.

Values in parentheses indicate the number of samples examined for MMP-9 mRNA expression.

Endo (+): Endometrium of patients with endometriosis, Endo (-): endometrium of patients without endometriosis

M: menstrual phase, P: proliferative phase, ES: early secretory phase, MS: mid- secretory phase, LS: late secretory phase

a: p<.05 versus non-treated epithelial cells of patients with endometriosis from the proliferative phase, and the early-, mid- and late-secretory phases.