

Table 9. Adjusted correlation analysis between miRNA expression and female hormonal parameters.

| Parameter | mir-99a (Mean normalized expression) |                          |
|-----------|--------------------------------------|--------------------------|
|           | Model 1: $r_s$ (p-value)             | Model 2: $r_s$ (p-value) |
| AMH       | 0.445 (0.008)                        | 0.451 (0.007)            |
| FSH       | 0.248 (0.157)                        | 0.206 (0.243)            |
| LH        | 0.055 (0.757)                        | 0.160 (0.367)            |
| E2        | 0.049 (0.784)                        | 0.188 (0.288)            |
| PRL       | -0.179 (0.310)                       | -0.214 (0.225)           |

Model 1: Spearman's correlation ( $r_s$ ) adjusted for Age and BMI. Model 2: Spearman's correlation ( $r_s$ ) adjusted for No oocytes and Smoking status.