Table S1. Semen parameters in control group for males who achieved pregnancy before sperm sampling.

| Semen Parameters                        | With Child | Control Group | Without Child |
|-----------------------------------------|------------|---------------|---------------|
|                                         | With Child | Without Child |
|                                         | mean ± s.d | mean ± s.d    | mean ± s.d    |
| Sexual abstinence (days)                | 5.7 ± 2.0  | 5.4 ± 2.3     |               |
| Volume (mL)                            | 4.5 ± 2.4  | 4.2 ± 1.1     |               |
| Concentration (10⁶/mL)                 | 51.4 ± 24.1| 43.2 ± 15.7   |               |
| Total sperm number (10⁶/ejaculate)     | 214.1 ± 124.4| 177.9 ± 68.1 |               |
| Sperm progressive motility (a + b, %)  | 39.2 ± 5.2 | 42.0 ± 5.9    |               |
| Vitality (live spermatozoa, %)         | 80.4 ± 6.2 | 79.0 ± 7.0    |               |
|Normal sperm morphology (%)             | 47.2 ± 14.6| 51.3 ± 10.9   |               |
| Round cells (10⁶ round cells/mL)       | 0.3 ± 0.5  | 0.3 ± 0.7     |               |
| Leukocytospermia (10⁶ leukocytes/mL)    | 0.05 ± 0.1 | 0.2 ± 0.5     |               |
| Cytoplasmic ROS (%)                    | 10.6 ± 7.7 | 8.0 ± 7.2     |               |
| Nuclear ROS (%)                        | 25.3 ± 13.0| 27.7 ± 14.2   |               |
| 8-OHdG positive spz (%)                | 3.3 ± 2.6  | 2.6 ± 1.9     |               |
| DNA fragmentation (%)                  | 8.1 ± 6.3  | 6.0 ± 4.0     |               |
| Total chromosome abnormalities (%)     | 0.85 ± 0.5 | 0.7 ± 0.3     |               |
| Abnormal chromatin condensation (%)    | 10.2 ± 4.8 | 8.3 ± 3.2     |               |
| Mean number of telomeres (fluorescent signals per spz) | 19.0 ± 2.8 | 18.6 ± 3.4   |               |
| Relative telomere length (FRU)         | 57.3 ± 13.7| 59.2 ± 30.4   |               |

8-OHdG: 8-Oxo-deoxGuanosine; FRU: fluorescence relative units; n: number; ROS: reactive oxygen species; s.d: standard deviation; spz: spermatozoa; %: percent.