*Supp Table 1. Analysis of different parameters in fresh and capacitated sperm*

|  | Control | C1/C3 DKO |
| --- | --- | --- |
| Fresh | Capacitated | Fresh  | Capacitated |
| Sperm count (106/ml) | 48,35 ± 3,83 |  --- | 59,87 ± 12,03 | --- |
| Viability (%) | 66,22 ± 5,25 | 61,04 ± 2,78 | 65,54 ± 2,29 | 58,21 ± 4,31 |
| Progressive motility (%) | 63,99 ± 1,14 | 57,91 ± 2,39 | 62,65 ± 2,37 | 54,27 ± 3,19 |

Note: The percentages of sperm viability and progressive motility were calculated as the mean of at least 5 independent experiments.