**S1 Table. Percentage of EdU+ cells found in couples or as single cells.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **% EdU+ cells** | **% in Couples**  **mean ± SD** | **% in Singles**  **mean ± SD** |
| **Control**  **6MP**  **PD16**  **PD17** | 6 ± 1  33 ± 2\*\*\*  10±2\*\*  13±2\*\* | 86 ± 2  90 ± 2 \*\*\*  88 ± 3 \*  90 ± 1 \*\* | 14 ± 1  10 ± 2 \*\*\*  12 ± 3 \*  10 ± 2 \*\* |

Purified rat beta cells were cultured for 6 days in absence or presence of compounds at 1µM. EdU was added for 72h between day 3 and 6 and numbers of EdU-positive nuclei observed as doubles or as singles were determined on day 6. Statistical differences between control and experimental conditions were analyzed by oneway ANOVA with Fisher’s LSD test; \* p<0.05, \*\* p<0.01, \*\*\* p<0.001. Data represent mean ± SD (n = 5).