**S6 Table. Detection of X-rays induced inter-chromosome exchange events in prematurely condensed human chromosomes using multicolor FISH; Raw data)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Exchange events/cell** | **0 Gy** | **2 Gy** | **4 Gy** |
| 0 | 49 | 21 | 8 |
| 1 | 1 | 1 | 2 |
| 2 | 0 | 2 | 3 |
| 3 | 0 | 1 | 10 |
| 4 | 0 | 2 | 4 |
| 5 | 0 | 1 | 1 |
| **Total number of Exchanges** | **1** | **21** | **59** |
| **Total number of cells analyzed** | **50** | **28** | **28** |
| **Frequency/Cell** | **0.02** | **0.75** | **2.10** |