**Additional file 4**

**GBM4 SLGCs (5d)**

- **Control**
  - DNA content (PI): 62, 13, 17, 5

- **10 Gy**
  - Polyploid cells: 30, 10, 7, 32

**GBM4 SLGCs (5d)**

- DNA content (PI): 32, 3, 17, 62

- Percentage polyploid cells:
  - 0 Gy: 10, 15
  - 10 Gy: 5, 10

**GBM8 SLGCs (5d)**

- Percentage polyploid cells:
  - 0 Gy: 5, 10
  - 10 Gy: 15, *