

Supplementary table The percentage of cells with different types of micronuclei with or without ion irradiation (IR) treatment in negative control (NC) or miR-214 overexpression groups

SKOV3 cells				
Cell type	NC (-IR)	miR-214 (-IR)	NC (+IR)	miR-214 (+IR)
Without micronuclei	88.3± 1.8	86.2± 0.9	81.7± 2.0	68.8± 1.6
With centromeric micronuclei	2.7± 1.5	2.4± 0.5	2.4± 1.0	1.5± 0.7
With non -centromeric micronuclei	8± 0.5	9.8± 0.2	14.5± 2.6	28.3± 0.6
With both micronuclei	1± 0.1	1.5± 0.2	1.4± 0.4	1.5± 1.4
A2780 cells				
Cell type	NC (-IR)	miR-214 (-IR)	NC (+IR)	miR-214 (+IR)
Without micronuclei	91.9± 0.9	92.4± 2.6	84.9± 2.0	68.8± 0.9
With centromeric micronuclei	2.9± 1.2	3.2± 0.1	2.4± 1.1	0.8± 0.4
With non -centromeric micronuclei	4.9± 2.6	4.1± 2.3	16.7± 4.7	27.9± 2.7
With both micronuclei	0.4± 0.5	0.3± 0.4	1.9± 0.4	2.5± 1.3

Mean ± SD, from two independent experiments.