

Table S3. Time-course of micronucleus (MN) induction in blood reticulocytes (RET) and normochromatic erythrocytes (NCE) of BALB/c female mice after multiple exposures to low and high doses of ionizing radiation.

Dose (cGy) <sup>a</sup>	Time (days) <sup>b</sup>	Mice n	Total RET	MN-RET (% ± S.D.)	Total NCE	MN-NCE (% ± S.D.)
sham (0 Gy)		6 <sup>c</sup>	318,926	1,074 (0.34 ± 0.04)	14,582,445	32,750 (0.22 ± 0.01)
3 x 7.5	-1	6	119,578	422 (0.35 ± 0.03)	5,242,933	11,578 (0.25 ± 0.02) <sup>f</sup>
3 x 180	-1	6	118,251	1,749 (1.46 ± 0.22) <sup>d</sup>	2,113,742	11,933 (0.57 ± 0.04) <sup>d</sup>
3 x (7.5 + 180)	-1	6	118,006	1,994 (1.67 ± 0.12) <sup>d</sup>	3,211,504	18,131 (0.56 ± 0.04) <sup>d</sup>
4 x 7.5	6	6	119,563	437 (0.37 ± 0.06)	4,708,513	11,959 (0.25 ± 0.02) <sup>f</sup>
4 x 180	6	6	117,662	2,338 (1.95 ± 0.26) <sup>d</sup>	1,064,685	7,945 (0.75 ± 0.04) <sup>d,e</sup>
4 x (7.5 + 180)	6	6	117,887	2,113 (1.76 ± 0.17) <sup>d</sup>	1,246,772	10,076 (0.81 ± 0.07) <sup>d,e</sup>
4 x 7.5	28	4	79,725	275 (0.35 ± 0.06)	4,719,142	6,896 (0.22 ± 0.01)
4 x 180	28	6	119,080	920 (0.77 ± 0.18) <sup>d</sup>	3,902,522	28,089 (0.72 ± 0.15) <sup>d</sup>
4 x (7.5 + 180)	28	6	119,057	943 (0.79 ± 0.13) <sup>d</sup>	3,159,295	22,067 (0.71 ± 0.09) <sup>d</sup>

<sup>a</sup>Once a week with 6 hr of separation for multiple daily doses.

<sup>b</sup>In relation to 4th irradiation.

<sup>c</sup>For each mouse, an overall average was obtained by pooling the values from the tree collection points

<sup>d</sup>P<0.0001 vs sham

<sup>e</sup>P<0.0001 vs 3 weeks

<sup>f</sup>P<0.02 vs sham