

A	RCT patient	RT patient
	[pKu70-dimers/ μm^3]	[pKu70-dimers/ μm^3]
Time point after RT		
Chromatin (total)		
non-IR	0.11 \pm 0.008	0.15 \pm 0.014
0.1h	1.76 \pm 0.035	1.75 \pm 0.031
0.5h	2.09 \pm 0.023	1.87 \pm 0.025
24h	0.41 \pm 0.014	0.24 \pm 0.021
Euchromatin		
non-IR	0.05 \pm 0.007	0.06 \pm 0.005
0.1h	1.53 \pm 0.023	1.53 \pm 0.030
0.5h	0.62 \pm 0.016	0.49 \pm 0.023
24h	0.18 \pm 0.007	0.07 \pm 0.012
Heterochromatin		
non-IR	0.06 \pm 0.002	0.09 \pm 0.013
0.1h	0.21 \pm 0.024	0.22 \pm 0.009
0.5h	1.47 \pm 0.026	1.38 \pm 0.011
24h	0.23 \pm 0.013	0.23 \pm 0.013
B	RCT patient	RT patient
	[53BP1-clusters/ μm^3]	[53BP1-clusters/ μm^3]
Time point after RT		
Heterochromatin		
non-IR	0.06 \pm 0.004	0.09 \pm 0.008
0.1h	0.21 \pm 0.013	0.22 \pm 0.011
0.5h	1.51 \pm 0.046	1.43 \pm 0.019
24h	0.50 \pm 0.031	0.31 \pm 0.013