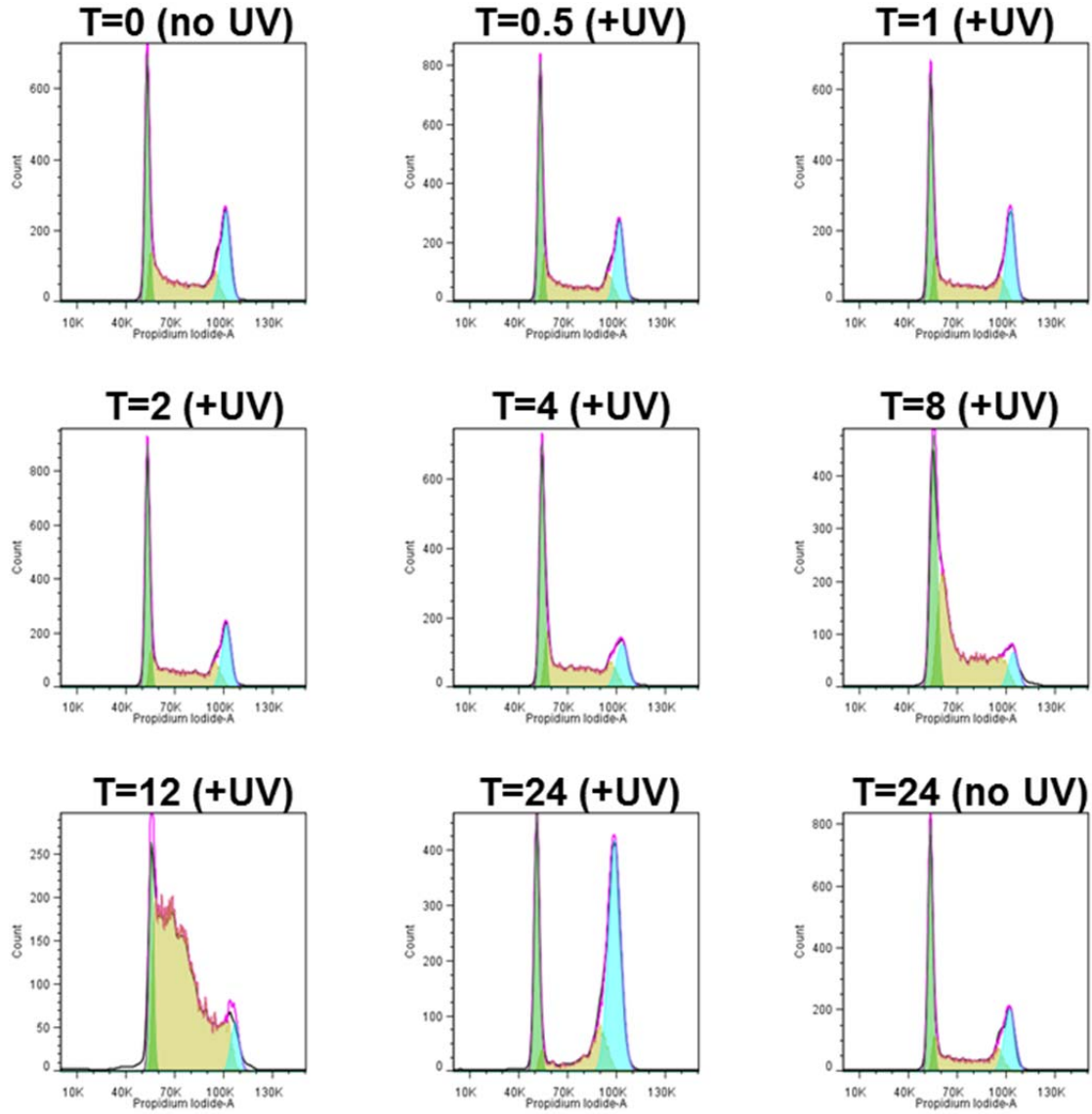


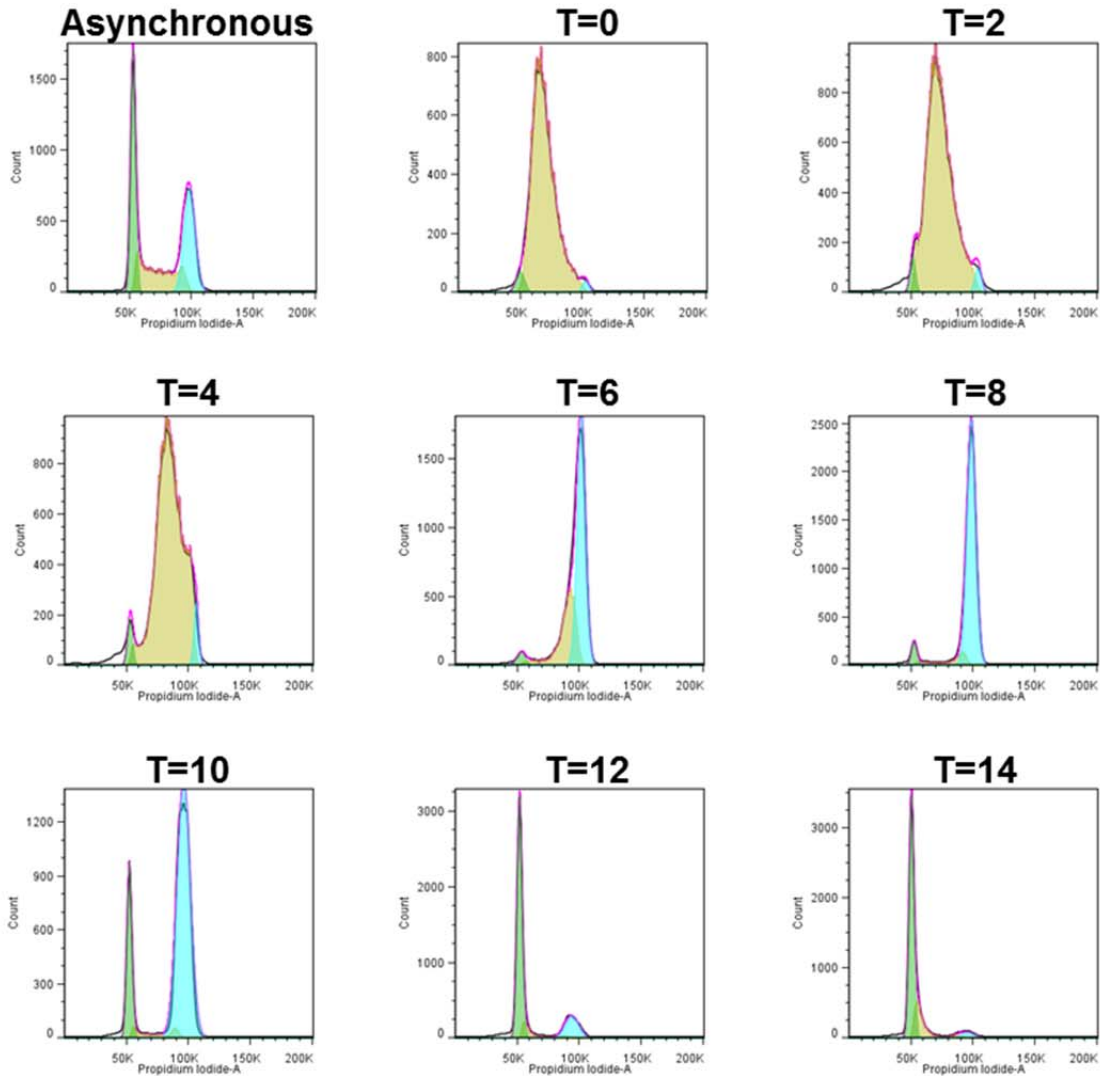
SUPPLEMENTARY FIGURE 1



	T=0 (no UV)	T=0.5 (+UV)	T=1 (+UV)	T=2(+UV)	T=4 (+UV)	T=8 (+UV)	T=12 (+UV)	T=24(+UV)	T=24 (no UV)
total cells	12675	13343	11787	13735	12003	11700	12285	12761	11970
RMS	1.49	1.81	1.58	1.42	1.57	2.94	2.03	1.91	1.77
% G1	32.1	34.1	33.8	39.0	38.4	34.9	12.4	25.7	41.7
% S	40.3	38.5	37.8	38.0	42.7	55.2	81.5	18.3	31.7
% G2-M	26.2	24.9	26.0	21.5	16.5	7.8	5.2	54.2	24.6
% sub G1	0.6	0.8	1.1	0.6	0.7	2.6	2.8	0.8	1.2
% super G2	0.0	0.2	0.1	-0.2	0.2	1.2	0.2	-0.3	-0.5

Supplementary figure 1. Quantitation of DNA content histograms (propidium iodide-area) from cells irradiated with 1 mJ/cm² UV and allowed to recover for the indicated times (in hours).

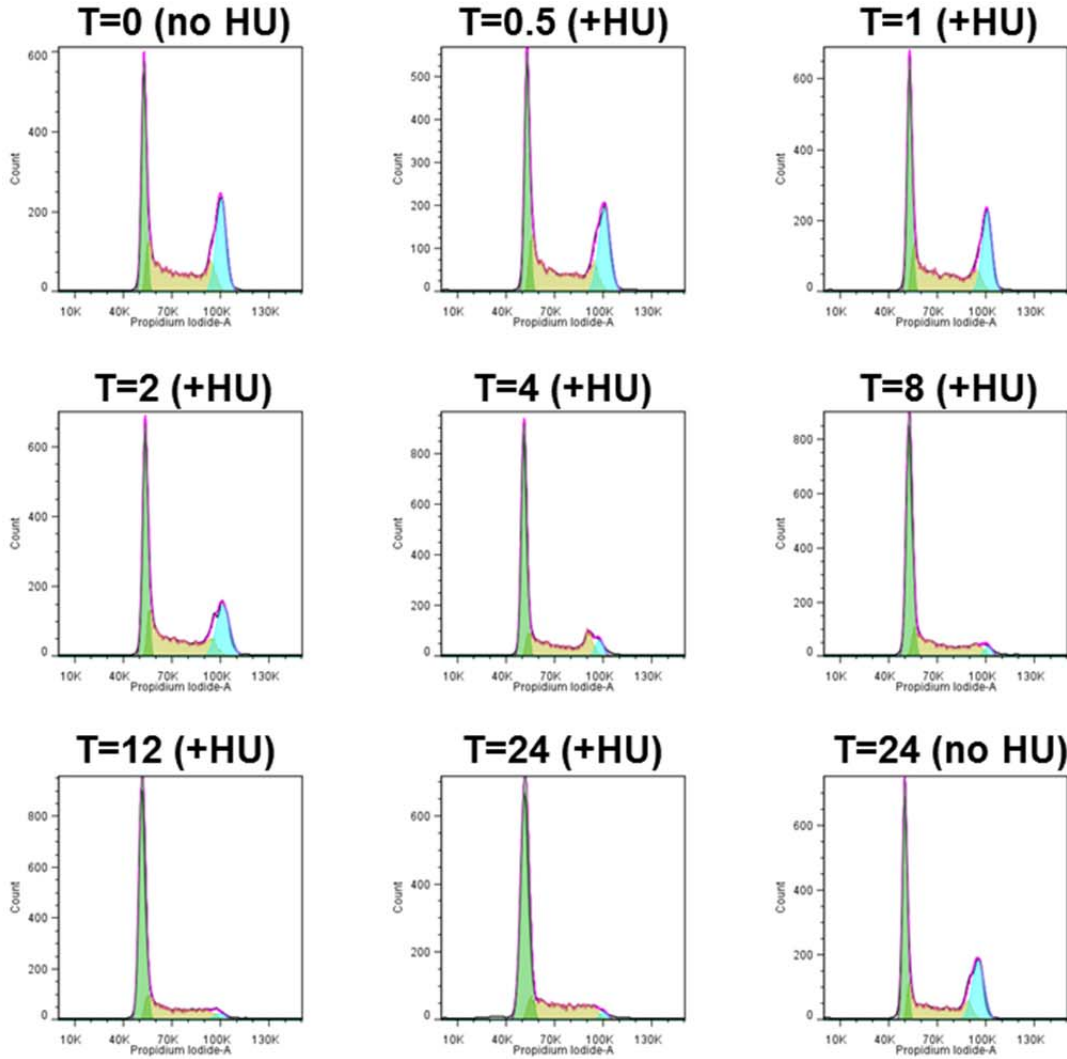
SUPPLEMENTARY FIGURE 2



	Async	T=0	T=2	T=4	T=6	T=8	T=10	T=12	T=14
RMS	2.99	1.46	3.18	4.06	7.65	4.53	8.66	4.39	5.23
total cells	31498	22933	31784	34340	33049	35379	31620	31363	32601
% G1	35.2	3.5	3.2	3.6	3.2	5.1	20.2	69.5	69.4
% S	29.4	93.4	91.9	90.2	31.9	8.3	5.1	9.7	21.5
% G2-M	34.7	1.7	2.8	4.7	62.8	86.5	78.2	17.1	4.6
% sub G1	1.1	0.9	2.5	2.9	0.4	0.8	1.5	3.6	2.5
% super G2	-0.6	-0.1	0.2	-0.6	-1.8	-1.0	-2.8	0.0	0.1

Supplementary figure 2. Quantitation of DNA content histograms (propidium iodide-area) from cells released from a double thymidine block for the indicated times (in hours).

SUPPLEMENTARY FIGURE 3



	T=0 (no HU)	T=0.5 (+HU)	T=1 (+HU)	T=2(+HU)	T=4 (+HU)	T=8 (+HU)	T=12 (+HU)	T=24 (+HU)	T=24 (no HU)
total cells	11389	11090	11745	11400	11480	11433	12124	11280	10974
RMS	1.37	1.43	1.47	1.82	3.2	3.32	3.84	4.01	1.96
% G1	31.6	32.4	34.9	38.7	57.4	62.5	68.0	69.1	40.0
% S	39.2	38.7	37.5	37.0	35.5	33.3	30.5	31.2	30.6
% G2-M	28.2	27.2	25.9	23.1	6.5	3.6	3.5	2.6	26.7
% sub G1	0.3	0.9	0.9	0.7	2.0	2.6	1.2	3.0	1.9
% super G2	-0.4	0.2	-0.2	-0.3	1.0	1.0	0.9	0.6	-0.6

Supplementary figure 3. Quantitation of DNA content histograms (propidium iodide-area) from cells exposed to 2 mM hydroxyurea (HU) for the indicated times (in hours).