

Supplementary Materials

Table S1. Gene expression of FDXR, CCNG1, PHPT1, CDKN1, SESN1, PUMA, DDB2, MDM2, GADD45 in blood of radiotherapy patients at 2, 6, 8, 16, 18 and 24h after receiving the first radiotherapy fraction and at the middle and end of the treatment. The data are presented as mean of fold changes together with the standard deviation (SD). The presence of an asterisk (*) indicates a significant difference (paired *t*-test, $p \leq 0.05$) with the control samples (before the first RT fraction).

		Blood Collection Time after First Fraction							
		2h	6h	8h	16h	18h	24h	Mid	End
FDXR	Average	1.45	2.25	2.72	1.10	1.90	1.83 *	2.86 *	1.68 *
	SD	0.64	1.23	1.83		0.77	0.64	1.42	0.54
CCNG1	Average	1.05	1.03	1.47	0.91	1.11	1.14 *	1.38 *	0.98
	SD	0.17	0.20	0.14		0.24	0.11	0.30	0.22
PHPT1	Average	0.97	1.11	1.55	0.81	1.17	1.12	1.43	1.15
	SD	0.10	0.22	0.10		0.20	0.18	0.42	0.20
CDKN1A	Average	1.67	1.17	2.48	0.50	1.69	1.57*	1.98	1.64
	SD	1.27	0.57	0.95		1.27	0.35	1.64	1.51
SESN1	Average	1.15	1.11	1.95	0.87	1.31*	1.12	1.24*	0.98
	SD	0.19	0.34	1.03		0.11	0.25	0.22	0.26
PUMA	Average	1.08	0.95	1.32	0.43	1.20	1.04	1.2	1.0
	SD	0.47	0.32	0.28		0.65	0.16	0.4	0.4
DDB2	Average	1.02	1.34	1.42	1.08	1.13	1.20	1.47	1.28 *
	SD	0.20	0.23	0.64		0.32	0.29	0.60	0.26
MDM2	Average	1.09	0.86	2.37	0.73	1.05	0.97	1.01	1.02
	SD	0.27	0.07	1.64		0.31	0.16	0.20	0.20
GADD45	Average	1.02	0.83	1.73	0.47	1.33	1.02	1.29	1.14
	SD	0.38	0.27	0.49		0.52	0.20	0.68	0.44