

**Table 1. Comparison of expression levels produced in microarray and real-time (RT)-PCR experiments for a set of seven DEIRA genes**

Gene ID	Annotation	Method	Time (h) post irradiation Responds to radiation (folds)								
			0	0.5	1.5	3	5	9	12	16	24
DR0007	Unknown	Microarray	1.02	3.93	2.99	1.39	1.73	1.53	1.88	1.17	1.78
		RT-PCR	0.21	0.37	1.77	0.69	0.95	1.31	1.38	1.89	1.49
DR2340	RecA	Microarray	1.13	6.62	7.98	5.02	5.27	4.06	3.70	2.15	1.44
		RT-PCR	0.65	1.67	9.96	11.23	2.06	0.63	0.91	0.30	0.10
DRB0100	DNA ligase	Microarray	1.63	1.47	9.24	14.43	9.42	6.24	4.42	4.16	2.28
		RT-PCR	2.38	7.98	17.82	12.18	8.64	4.14	3.97	3.93	1.68
DR2339	LigT-RNA ligase	Microarray	1.68	6.00	14.06	13.44	13.85	9.50	5.01	1.22	1.03
		RT-PCR	3.51	6.52	14.24	2.88	1.51	2.48	2.94	0.52	1.42
DR0422	SAM-dependent methyltransferase	Microarray	1.28	13.99	18.85	10.95	8.18	4.39	2.69	1.79	1.14
		RT-PCR	3.00	16.86	18.32	5.27	4.92	4.48	1.77	3.28	3.36
DR0053	DinB family	Microarray	1.67	4.49	10.16	10.25	6.10	3.67	2.30	1.35	1.30
		RT-PCR	0.68	3.61	10.70	11.31	9.83	2.42	3.63	3.13	0.15
DR0207	ComA	Microarray	2.14	2.83	10.89	15.47	12.40	3.86	3.87	1.87	1.35
		RT-PCR	1.37	5.41	18.68	19.96	33.22	21.12	16.95	3.30	4.34