

Table 2. HPRT mutant frequency for V79 cells exposed to HTdR in 100% cluster model (Roger's exp #6)

Sample #	Dose (mBq/cell) (x10 ⁵)	HPRT mutants per plate										SUM	No of dishes plated	Total # of cells plated	PE for challenge (in Tab.1)	HPRT per plated cell	mutants per 100000 survivors	
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th							
1	0.00	2	5	6	2	2	6	5	2	4	0	33	10	2000000	1.65	0.000017	0.000010	1.0
2	0.00	2	2	3	2	0	1	0	1	0	8	9	1800000	1.18	0.000004	0.000004	0.4	
1+2	0.00	2	10	8	7	5	7	10	2	8	11	48	19	3800000	1.41	0.000013	0.000009	0.9
3	0.90	2	5	6	5	7	6	7	10	4	5	73	7	1400000	1.51	0.000000	0.000000	0.0
4	2.58	2	4	8	6	2	2	1	4	5	4	36	9	1800000	1.65	0.000052	0.000032	3.2
5	3.41	2	3	6	5	4	4	6	8	5	2	45	10	2000000	1.57	0.000020	0.000013	1.3
6	4.74	2	8	13	5	5	2	4	5	3	45	8	1600000	1.48	0.000023	0.000015	1.5	
7	7.63	2	5	6	9	6	3	7	6	5	7	59	10	2000000	1.67	0.000028	0.000017	1.7
8	10.19	2	2	3	3	10	3	2	2	3	5	31	9	1800000	1.63	0.000030	0.000018	1.8
9	11.87	2	6	5	6	8	5	4	7	5	51	9	1800000	1.60	0.000017	0.000011	1.1	
10	18.46	2	2	3	3	3	3	3	3	3	3	51	9	1800000	1.63	0.000028	0.000017	1.7