

Table 2 Rate of generation of TG^a mutants

Experiment	Normal lymphocytes (individuals)			Malignant lymphocytes		
	1	2	3	JM	FMC-Hu-1B	HRIK
No. of replicates	7	7	6	9	6	7
Initial no. of cells/replicate	2	2	2	2	2	2
Final no. of cells × 10 ⁶ /replicate (mean)	19.2	19.2	19.2	19.2	18.3 (17.6–19.2) ^a	18.8 (18.7–19.2)
No. of replicates with <i>n</i> TG ^a cells/ 10 ⁶ cells						
0	3	2	3	0	1	0
0.1–2	2	5	4	0	0	2
2.1–4	1	0	0	0	5	1
4.1–10	0	0	0	0	0	2
10.1–20	0	0	0	3	0	2
20.1–40	0	0	0	3	0	0
>40	0	0	0	3	0	0
Mean no. of mutants/10 ⁶ cells	0.82	0.46	0.11	46.9	2.1	6.7
CaN _i (from tables in Ref. 13) ^b	28.3	20.5	7.4	1151.5	57.2	172.7
Mutation rate (mutants/cell genera- tion) × 10 ⁻⁸	24.6	15	5.5	666.4	52	131

^a Numbers in parentheses, range.

^b See text for details.

13. Capizzi, R. L., and Jameson, J. W. A table for the estimation of the spontaneous mutation rate of cells in culture. *Mutat. Res.*, 17: 147–148, 1973.