

Appendix 3. The *gpt* mutant frequencies in the liver of 2,4-DAT or 2,6-DAT-treated rats (Data from Lab D3)

Group	Animal No.	Number of packagings	Number of colonies	Number of 6TG ^r mutants	<i>gpt</i> MF	
					($\times 10^{-6}$)	Mean \pm SD ($\times 10^{-6}$)
Vehicle control (Distilled water) 10 mL/kg \times 28	M01001	2	1,800,000	1	0.56	
	M01002	2	891,000	2	2.24	
	M01003	3	960,000	4	4.17	
	M01004	2	2,208,000	5	2.26	
	M01005	2	2,376,000	1	0.42	1.93 \pm 1.53
2,4-DAT 10 mg/kg \times 28	M02001	2	357,000	7	19.61	
	M02002	2	300,000	4	13.33	
	M02003	2	1,488,000	9	6.05	
	M02004	3	477,000	4	8.39	
	M02005	3	810,000	2	2.47	9.97 \pm 6.68 *
2,4-DAT 30 mg/kg \times 28	M03001	3	432,000	8	18.52	
	M03002	3	474,000	19	40.08	
	M03003	1	237,000	11	46.41	
	M03004	1	102,000	5	49.02	
	M03005	1	228,000	6	26.32	36.07 \pm 13.17 *
2,6-DAT 60 mg/kg \times 28	M04001	1	156,000	2	12.82	
	M04002	3	945,000	8	8.47	
	M04003	3	1,350,000	5	3.70	
	M04004	3	918,000	1	1.09	
	M04005	3	2,997,000	4	1.33	5.48 \pm 5.06
ENU 50 mg/kg \times 5	51	1	105,000	21	200.00	
	52	1	183,000	30	163.93	
	53	3	279,000	36	129.03	
	54	3	225,000	39	173.33	
	55	1	321,000	34	105.92	154.44 \pm 37.16 †

* $p < 0.05$ Steel's test; † $p < 0.001$ Welch's *t*-test