

Appendix B *gpt* Mutant frequencies in the lung of *gpt* delta rats treated with Ni₃S₂ by intratracheal administration and liver treated with ENU (positive control)..

Lab. B

Treatment	Smpling time ¹⁾	Animal No.	Organ	Number of packagings	Total Population	Number of mutants	Mutant frequency (x 10 ⁻⁶)	
							Mean	± SD
0 mg/animal x 4	28 days	1001	lung	3	126,000	0	0.00	
		1002	lung	3	1,272,000	4	3.14	
		1003	lung	3	1,659,000	6	3.62	
		1004	lung	3	1,452,000	7	4.82	
		1005	lung	3	1,818,000	2	1.10	2.54 ± 1.95
0.5 mg/animal x 4	28 days	1101	lung	3	522,000	2	3.83	
		1102	lung	3	1,278,000	2	1.56	
		1103	lung	3	1,122,000	8	7.13	
		1104	lung	3	1,548,000	2	1.29	
		1105	lung	3	546,000	2	3.66	3.50 ± 2.34
1 mg/animal x 4	28 days	1201	lung	3	936,000	3	3.21	
		1202	lung	3	1,032,000	0	0.00	
		1203	lung	3	1,695,000	4	2.36	
		1204	lung	3	1,419,000	2	1.41	
		1205	lung	3	1,596,000	4	2.51	1.90 ± 1.24
0 mg/animal x 4	90 days	1011	lung	2	1,221,000	2	1.64	
		1012	lung	2	792,000	0	0.00	
		1013	lung	4	2,814,000	7	2.49	
		1014	lung	2	1,305,000	2	1.53	
		1015	lung	2	1,317,000	1	0.76	1.28 ± 0.94
0.5 mg/animal x 4	90 days	1111	lung	2	582,000	1	1.72	
		1112	lung	5	561,000	0	0.00	
		1113	lung	2	1,557,000	2	1.28	
		1114	lung	5	609,000	5	8.21	
		1115	lung	2	1,908,000	2	1.05	2.45 ± 3.28
1 mg/animal x 4	90 days	1211	lung	2	546,000	2	3.66	
		1212	lung	2	834,000	3	3.60	
		1213	lung	3	1,080,000	3	2.78	
		1214	lung	2	1,383,000	3	2.17	
		1215	lung	2	948,000	0	0.00	2.44 ± 1.50
ENU 50 mg/kg x 5	31 days	51	liver	5	1,467,000	145	98.84	
		52	liver	3	1,626,000	67	41.21	
		53	liver	3	1,194,000	75	62.81	
		54	liver	3	1,449,000	146	100.76	
		55	liver	3	1,137,000	53	46.61	70.05 ± 28.31