

Experimental Data

Con. μ g/ plate	Number of Revertants/plate									
	Base-substitution						Frame-shift			
	TA100		TA1535		WP2uvrA		TA98		TA1537	
	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+
H ₂ O	(151)	(152)	(12)	(9)	(25)	(29)	(42)	(42)	(7)	(7)
	138	135	5	9	25	22	37	39	10	7
	128	148	6	13	31	34	43	34	13	7
156	(133)	(142)	(6)	(11)	(28)	(28)	(40)	(37)	(12)	(7)
	188	142	6	8	22	25	40	25	7	6
	167	174	9	12	22	22	39	38	10	6
313	(178)	(158)	(8)	(10)	(22)	(24)	(40)	(32)	(9)	(6)
	139	160	9	13	16	32	45	49	11	6
	157	153	13	7	22	31	45	21	10	7
625	(148)	(157)	(11)	(10)	(19)	(32)	(45)	(35)	(11)	(7)
	0*	165	0*	13	23	24	0*	31	5*	9
	0*	162	6*	10	21	31	0*	40	2*	9
1250	(0*)	(164)	(3*)	(12)	(22)	(28)	(0*)	(36)	(4*)	(9)
	0*	0*	0*	5*	0*	11*	0*	0*	0*	0*
	0*	0*	0*	0*	0*	10*	0*	0*	0*	0*
2500	(0*)	(0*)	(0*)	(3*)	(0*)	(11*)	(0*)	(0*)	(0*)	(0*)
	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
5000	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)
	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
Judgement	-	-	-	-	-	-	-	-	-	-
Specific Mutagenicity										
Positive	AF2	2AA	NaN ₃	2AA	AF2	2AA 20	AF2	2AA	9AA	2AA
Control	(751)	(841)	(309)	(173)	(141)	(1433)	(417)	(456)	(330)	(148)

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	TA100		TA1535		WP2uvrA		TA98		TA1537	
	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+
H ₂ O	(128)	(128)	(6)	(7)	(21)	(22)	(24)	(26)	(7)	(7)
	151	115	7	5	26	18	21	30	7	10
	112	121	8	8	21	21	23	38	5	7
39	(132)	(118)	(8)	(7)	(24)	(20)	(22)	(34)	(6)	(9)
	116	114	8	10	21	23	28	33	6	14
	123	152	10	6	18	23	32	31	8	9
78	(120)	(133)	(9)	(8)	(20)	(23)	(30)	(32)	(7)	(12)
	104	121	6	9	24	34	34	18	5	7
	123	112	11	10	18	20	26	39	7	9
156	(114)	(117)	(9)	(10)	(21)	(27)	(30)	(29)	(6)	(8)
	124	109	6	8	18	26	28	28	6	3
	122	138	3	7	16	21	28	31	7	6
313	(123)	(124)	(5)	(8)	(17)	(24)	(28)	(30)	(7)	(5)
	127	129	8	9	21	25	30	37	10	9
	116	127	7	6	24	21	16	31	8	8
625	(122)	(128)	(8)	(8)	(23)	(23)	(23)	(34)	(9)	(9)
	0*	129	0*	11	18	14	23	29	0*	8
	0*	144	0*	6	14	26	24	29	0*	13
1250	(0*)	(137)	(0*)	(9)	(16)	(20)	(24)	(29)	(0*)	(11)
	0*	60*	0*	0*	0*	0*	0*	0*	0*	0*
	0*	56*	0*	0*	0*	0*	0*	0*	0*	0*
2500	(0*)	(58*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)
	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
5000	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)
Judgement	—	—	—	—	—	—	—	—	—	—
Specific Mutagenicity										
Positive	AF2	2AA	NaN ₃	2AA	AF2	2AA 20	AF2	2AA	9AA	2AA
Control	(623)	(654)	(246)	(223)	(138)	(1343)	(441)	(388)	(312)	(141)