

Experimental Data-2

(B9723-2/2)

Conc. μ g/plate	Number of Revertants/plate									
	Base-substitution						Frame-shift			
	TA100		TA1535		WP2uvrA/pKM101		TA98		TA1537	
	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+
DMSO	(130)	(136)	(8)	(10)	(51)	(90)	(16)	(25)	(9)	(9)
4 .88	148 167 (158)		10 7 (9)	13 8 (11)	32 49 (41)		11 18 (15)		8 6 (7)	14 9 (12)
9 .77	127 142 (135)		6 6 (6)	10 10 (10)	47 48 (48)		23 17 (20)		6 6 (6)	14 10 (12)
19 .5	135 113 (124)	157 134 (146)	7 10 (9)	9 11 (10)	52 52 (52)	51 63 (57)	22 14 (18)	30 28 (29)	8 3 (6)	8 5 (7)
39 .1	144 128 (136)	144 144 (144)	9 3 (6)	9 8 (9)	54 52 (53)	94 78 (86)	20 14 (17)	20 22 (21)	10 7 (9)	14 9 (12)
78 .1	139 162 (151)	142 141 (142)	10 6 (8)	11 6 (9)	45 70 (58)	77 81 (79)	8 15 (12)	23 25 (24)	7 8 (8)	11 7 (9)
156	119 143 (131)	131 131 (131)	10 8 (9)	13 3 (8)	49 55 (52)	105 85 (95)	25 13 (19)	31 28 (30)	5 8 (7)	9 9 (9)
313	101 * 93 * (97 *)	128 139 (134)	0 * 0 * (0 *)	10 * 9 * (10 *)	33 * 26 * (30 *)	86 66 (76)	16 * 17 * (17 *)	32 26 (29)	0 * 0 * (0 *)	8 * 7 * (8 *)
625		94 * 114 * (104 *)		10 * 3 * (7 *)		63 * 56 * (60 *)		17 * 25 * (21 *)		13 * 6 * (10 *)
1250		0 * 0 * (0 *)				0 * 0 * (0 *)		0 * 0 * (0 *)		
Judgement	—	—	—	—	—	—	—	—	—	—
Specific Mutagenicity										
Positive Control	AF-2 (738)	2-AA (1424)	NaN ₃ (472)	2-AA (339)	AF-2 (1587)	2-AA (1195)	AF-2 (503)	2-AA (468)	9-AA (648)	2-AA (241)