

3) Chromosome aberration data

Table 1. Dicentric chromosome scoring data of peripheral blood mononuclear cells: Version 1 (30 November 2010). Blood samples were collected from occupationally non-exposed, non-smoking, healthy Japanese donors (aged 22-59) and irradiated in vitro with ⁶⁰Co gamma-rays (0-5 Gy) at a dose rate of 0.5 Gy/min. [Dicentric chromosome assay data collection, version 1]

ID	Dose (Gy)	No. of metaphases	Dicentric equivalent counts
NIRS_01	0.0	1000	0
	0.5	1000	8
	1.0	1000	55
	2.0	385	101
	3.0	193	100
	4.0	90	101
	5.0	88	125
NIRS_02	0.0	1000	0
	0.5	1000	17
	1.0	1000	57
	2.0	388	102
	3.0	178	103
	4.0	100	106
	5.0	69	102
NIRS_03	0.0	1000	2
	0.5	1000	19
	1.0	1000	70
	2.0	368	100
	3.0	218	103
	4.0	100	103
	5.0	78	117
NIRS_04	0.0	1000	0
	0.5	1000	18
	1.0	1000	79
	2.0	331	102
	3.0	153	101
	4.0	101	102
	5.0	81	126
NIRS_05	0.0	1055	1
	0.5	1013	26
	1.0	1093	106
	2.0	259	76
	3.0	191	131
	4.0	119	122
	5.0	67	100
NIRS_06	0.0	1000	0

	0.5	1000	38
	1.0	864	113
	2.0	322	118
	3.0	167	122
	4.0	113	121
	5.0	74	125
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NIRS_07	0.0	1000	0
	0.5	1000	10
	1.0	1000	75
	2.0	313	100
	3.0	177	101
	4.0	107	102
	5.0	97	144
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NIRS_08	0.0	1006	0
	0.5	not tested	not tested
	1.0	1068	119
	2.0	321	113
	3.0	180	114
	4.0	103	113
	5.0	88	130
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NIRS_09	0.0	1000	0
	0.5	1000	19
	1.0	1000	65
	2.0	369	102
	3.0	192	101
	4.0	100	103
	5.0	60	87
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NIRS_10	0.0	1000	0
	0.5	1000	17
	1.0	1000	59
	2.0	379	100
	3.0	174	100
	4.0	115	112
	5.0	70	104
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NIRS_11	0	1000	0
	0.5	1000	22
	1	1000	80
	2	308	101
	3	155	110
	4	109	124
	5	67	115
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NIRS_12	0	1000	0
	0.5	1000	12
	1	1000	46
	2	382	102
	3	181	102

	4	108	104
	5	70	105
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NIRS_13	0	1001	1
	0.5	1000	21
	1	1016	62
	2	388	100
	3	188	105
	4	92	104
	5	74	114
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