

Case	Sex	Clinico-pathological details			Losses and gains of 3 and 8 by Cytogenetics	Loss and gain by array CGH			
		Tumour Location	Cell Type	MD (mm)		3p	3q	8p	8q
1	M	C/CB	SB	22.2	Partial 8q gain through translocation	-	-	-	partial gain
2	F	C	M	19	M3, 8p-, 8q+	loss	loss	loss	gain 1
3	F	C	SB	15.5	Partial 8q gain through translocation *	-	-	-	-
4	M	C	E	22.2	NA	loss	loss	loss	gain 2
5	M	C	SB	17	NA	-	-	gain	gain 1
6	F	CB/C	M	14	NA	loss	loss	gain	gain 1
7	F	C	SB	15	NA	loss	loss	-	partial gain
8	M	C	M	12	Normal Karyotype *	-	-	gain	gain 2
9	F	CB	SB	7.6	Mixed population some with 8p- *	-	-	-	-
10	F	C/CB	SB	16	M3, 8p-, 8q+	loss	loss	-	gain 1
11	M	C	SB	14	Markers detected origin not confirmed	-	-	-	partial gain
12	M	C	SB	15	Partial 8q gain through translocation	-	-	-	partial gain
13	F	C	SB	16.8	M3, 8p-, 8q+	loss	loss	loss	gain 1
14	M	CB	SB	15	NA	loss	loss	loss	gain 1
15	M	C	M	12	No abnormalities of 3 and 8	-	-	-	-
16	M	C	SB	-	No abnormalities of 3 and 8	-	-	-	-
17	M	CB	M	15.8	M3, 8p-, 8q+	loss	loss	loss	gain 3
18	F	C	SB	12.1	No abnormalities of 3 and 8	-	-	-	-
19	F	CB	SB	9.6	No abnormalities of 3 and 8	-	-	-	-
20	M	C	SB	11.1	Markers detected origin not confirmed	-	-	-	partial gain
21	M	C	E	20.2	M3, 8p-, 8q+	loss	loss	-	gain 1
22	M	C	SB	15.2	Partial 8q gain through translocation	-	-	-	partial gain
23	F	C	M	15.0	M3, 8p-, 8q+	loss	loss	loss	gain 1
24	M	C	SB	13.2	No abnormalities of 3 and 8	-	-	-	-
25	F	C	SB	9.7	Normal Karyotype *	-	partial loss	-	partial gain
26	F	C	SB	12.5	Partial 8q gain through translocation	-	-	-	partial gain

27	F	C	-	21.2	Partial 8q gain through translocation	-	-	-	partial gain
28	F	CB/C	E	16.7	M3, 8p-, 8q+	loss	loss	loss	gain 3
29	M	C	SB	14	NA	-	-	gain	gain 1
30	F	CB/C	-	13.7	Normal Karyotype *	loss	loss	-	-
31	M	C	M	7.8	M3, Markers detected origin not confirmed	loss	loss	-	gain 1
32	M	CB	M	-	M3, 8p-, 8q+	loss	loss	loss	gain 3
33	M	CB	SB	17.5	No abnormalities of 3 and 8	-	-	-	-
34	M	C	SB	12.5	M3, 8p-, 8q+	loss	loss	loss	gain 3
35	M	C	E	14.7	M3, 8p-, 8q+	loss	loss	loss	gain 1
36	F	C	SB	19.6	M3, 8p-, 8q+	loss	loss	loss	gain 2
37	M	CB/C	M	18.3	M3, 8p-, 8q+	loss	loss	loss	gain 1
38	M	CB	E	10.1	M3, Partial 8q gain through translocation	loss	loss	-	gain 1
39	F	C	SB	11.7	No abnormalities of 3 and 8	-	-	-	-
40	M	C	SB	-	No abnormalities of 3 and 8	-	-	-	-
41	F	CB	SB	10	NA	-	-	-	partial gain
42	M	C	M	13	NA	-	-	gain	gain 1
43	M	C	M	15.3	NA	-	-	gain	gain 1
44	F	C	M	15.0	NA	partial loss	partial loss	-	partial gain
45	M	CB/C	M	12.0	NA	loss	loss	-	gain 2
46	M	C	M	14.1	NA	loss	loss	-	-
47	M	C	E	15.0	NA	loss	loss	loss	gain 2
48	M	CB/C	M	13.0	NA	partial loss/gain	-	-	partial gain
49	M	CB/C	M	19.0	NA	-	-	-	partial gain
50	F	CB/C	M	15.4	NA	loss	loss	loss	gain 2
51	M	CB	M	-	NA	loss	loss	loss	gain 1
52	M	C	M	15.9	NA	loss	loss	-	gain 1
53	F	C	M	16.9	NA	loss	loss	gain	gain 2
54	M	CB/C	M	16.4	NA	loss	loss	loss	gain 2
55	M	CB	M	11.6	NA	loss	loss	-	gain 1
56	M	-	-	-	NA	loss	loss	-	-
57	F	C	SB	13	NA	-	-	-	partial gain

58	F	CB/C	M (90% E)	12	NA	loss	loss	gain	gain 1
59	M	I/CB/C	M (90% E)	9	NA	loss	loss	-	-
60	M	C	M (90% E)	16	NA	loss	loss	loss	gain 2
61	F	CB/C	E	11	NA	loss	loss	-	gain 1
62	M	C	M (90% E)	14	NA	loss	loss	-	-
63	M	C	M	13.9	NA	loss	loss	loss	gain 1
64	F	C	-	15.4	NA	loss	loss	loss	gain 2
65	F	C	M	13.1	NA	-	-	-	-
66	F	CB/C	M	15.9	NA	loss	loss	loss	gain 3
67	F	CB/C	E	14	NA	loss	loss	-	-
68	M	CB/C	M	6.25	NA	-	-	-	-
69	F	CB/C	-	14	NA	loss	partial loss	-	partial gain
70	M	C	M	-	NA	-	-	-	-
71	M	C	SB	-	NA	-	-	loss	gain 1
72	M	C	M	16.2	NA	loss	loss	-	gain 2
73	M	C	M	15.5	NA	-	-	-	-
74	F	I/CB	SB	-	NA	-	-	-	partial gain
75	F	CB/C	SB	-	NA	-	-	gain	gain 1

**Table S1.** Relationship between clinico-pathological details and cytogenetics/aCGH. CB = Ciliary Body, C = Choroid, I = Iris. SB = Spindle, E = Epithelioid, M = Mixed. MD = median diameter. M3 = Monosomy 3. Numbers in 8q column indicate number of additional copies of 8q. NA= not analysed. Not all information was available for every case. Cytogenetic analysis was in general agreement with aCGH for most cases. Where there were discrepancies, they have been starred.