

**Fig. B: FISH analysis of 22q11 homozygous deletion (HD) in cases 1, 2 and 5**

a	clone RP11-	61p17	71G19/SMARCB1	8007	91k24	262a13	FINAL RESULT
	Mb position	22.21-22.38	22.38-22.52	22.50-22.78	25.69-25.87	47.34-47.51	
Case 1 <sup>#</sup>	n. of nuclei	130	390	130	140*	100	HD < 150 kb
	% nuclei with 2 signals	39.5	21.6	31.5	19.4	97	
	1 signal	52.8	12.4	64.7	77	3	
	0 signal	7.7	66	3.8	3.6	0	
Control case 8 <sup>#</sup>	n. of nuclei	112	150*	112		150*	normal copy number
	% nuclei with 2 signals	93.7	96	94.6		93.3	
	1 signal	4.5	2	3.6		4.7	
	0 signal	1.8	1.3	1.8		2	
Case 2 <sup>\$</sup>	n. of nuclei	150	300	150	200*	200*	450kb<HD<5Mb
	% nuclei with 2 signals	2	1.7	1.3	58	60	
	1 signal	2	1.6	2.7	42	40	
	0 signal	96	96.7	96	0	0	
Case 5 <sup>\$</sup>	n. of nuclei	107	215	108		150*	HD > 450kb
	% nuclei with 2 signals	20	17	20.5		52.5	
	1 signal	15	14	11		45.5	
	0 signal	65	69	68.5		2	

\* Data reported in Fig. 2 and 3 of the manuscript.

# FISH analyses performed on touch preparation of frozen tissue-derived nuclei.

\$ FISH analyses performed on paraffin embedded tumor sections.

