

**Supplementary Table 2. Description of the probes used for validation.**

Region	Probe	Genes	
6q12-1 (G)	CEP 6	Centromeric Control	Green
	)RP11118H11	<i>PTP4A1</i> and <i>PHF3</i>	Red
	RP11-1144E4		
9q22.2 (G)	CEP 9	Centromeric Control	Green
	RP11-489I19	<i>SYK</i> <sup>1</sup>	Red
	RP11-641H18	<i>DIRAS2</i>	
17p13.2 (G)	CEP 17	Centromeric Control	Green
	RP11-314A20	<i>CXCL16</i> and <i>ZMYND15</i>	Red
	RP11-198F11		
Xq21 (G)	RP11-775C10	Centromeric to the breakpoint	Green
	RP11-187H16		
	RP11309-N21	Telomeric to the breakpoint	Red
	RP11-103B8		
19q13 (G)	RP11-121I1	Control in 19p13	Red
	CTD-2057D4	<i>CCNE1</i>	Green
6q26.2 (L)	CEP 6	Centromeric Control	Green
	RP11-297G16	<i>MAP3K5</i> and <i>PEX7</i>	Red
	RP11-891D24		
22q11.22 (L)	LSI® 22 (BCR)	BCR control	Green
	RP11-69-B15	<i>IGLC2</i>	Red
	RP11-757F24	<i>SHUW1</i> , <i>SHUW2</i> and <i>PRAME</i>	
	Vysis LSI® D13S319 (13q14.3)	Control	Red
13q12 (L)	RP11-997N15	<i>PSPCI</i> , <i>ZNF237</i> and <i>ZNF198</i>	Green
	RP11-61K9		
	RP11-110K18		
11q22.1 (L)	CEP 11	Centromeric Control	Green
	RP11-605B8	<i>BIRC3</i> , <i>BIRC2</i> and <i>PORIMIN</i>	Red
	RP11-28I24		
	RP11-177O8		

Centromeric probes were purchased from Vysis.

<sup>1</sup> as described by Rinaldi et al (19).

(G) Gains

(L) Losses