

Supplementary Table 1: Clones used for fluorescence *in situ* hybridization (FISH) and FISH results for the breakpoint regions in 8p22 and 8q13.3

Region	Clone (tel → cen for p arm) (cen → tel for q arm)	FISH results			Genes (tel → cen for p arm) (cen → tel for q arm)
		distal	spanning	proximal	
8p22	RP11-529A3	X			<i>MSR1</i>
	RP11-314O20	X			<i>FGF20, MICU3</i>
	RP11-383B10	X			<i>MTUS1</i>
	RP11-880I6	X			<i>MTUS1, FGL1, PCM1</i>
	G248P82306D8	X			<i>PCM1</i>
	RP11-1069K22		X		<i>PCM1</i>
	G248P86593D11	X			<i>PCM1</i>
	G248P87904B12		X		<i>PCM1</i>
	G248P80312F8			X	<i>PCM1, ASAH1</i>
	RP11-3K23			X	<i>NAT1</i>
	RP11-845O20			X	<i>NAT2</i>
	RP11-297I18			X	<i>PSD3</i>
	RP11-880E16			X	<i>PSD3</i>
8q13.3	RP11-242B23		X		<i>EYA1</i> (exons 10-18)
	RP11-263H10		X		<i>EYA1</i> (exons 2-18)
	G248P83631D2			X	<i>EYA1</i> (exons 12-17)
	G248P8007F2		X		<i>EYA1</i> (exons 10-12)
	RP11-1077C17	X			<i>EYA1</i> (exons 1-9)
	G248P8860F10	X			<i>EYA1</i> (exons 5-9)