

Supplementary Materials. Description of the SALSA MLPA probes

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Length (nt)	SALSA MLPA probe	Chromosomal position (hg18) ^a				
		Reference	Chr 1	Chr 3	Chr 6	Chr 8
64-105	Control fragments – see table in probemix content section for more information					
124 ¥	Reference probe 21547-L02274	18q11				
130 ¥	Reference probe 18709-L24593	5q31				
136	NOTCH2 probe 02867-L02334		1p12			
141 Δ	MLH1 probe 15288-L20037			3p22.2		
148	Reference probe 04445-L03831	4q13				
154 ¥	MYC probe 20780-L27349				8q24.21	
160 « ¥	RUNX2 probe 22020-L31270			6p12.3		
166	MYC probe 15894-L16789				8q24.21	
172 *	Reference probe 09255-L31288	7q22				
178 ±	FHIT probe 02292-L02212			3p14.2		
184	RP1 probe 16641-L19172				8q12.1	
190	MIR128-2 probe 15896-L17989			3p22.3		
196	MFN2 probe 04888-L04272		1p36.22			
202	MME probe 00487-L00069			3q25.31		
207	CHL1 probe 14147-L17987			3p26.3		
211 *	Reference probe 05281-L31289	14q22				
220	GJB3 probe 13671-L17892		1p34.3			
226	BAP1 probe 16643-L20039			3p21.1		
233	IGF2R probe 02798-L20038				6q25.3	
240 ¥	RPE65 probe 21549-L31285		1p31.3			
247	CASR probe 05708-L19175			3q21.1		
255 *	Reference probe 13573-L31290	19p13				
260	PPARG probe 06900-L06480			3p25.2		
266 +	CCN2 probe 04745-L19276				6q23.2	
275 « ¥	NBL1 probe 04148-L31286		1p36.13			
283	BRK1 probe 15895-L18089			3p25.3		
292	Reference probe 08936-L09031	11p15				
299	ASAP1 probe 16241-L18499				8q24.21	
310	LZTS1 probe 02552-L19178				8p21.3	
318	NRG1 probe 04239-L03575				8p12	
328	PROS1 probe 05297-L04685			3q11.2		
337	FHIT probe 02290-L01781			3p14.2		
346	OPA1 probe 03271-L02708			3q29		
355	PTAFR probe 02267-L01425		1p35.3			
364	RBM5 probe 15897-L18094			3p21.31		
373	Reference probe 09779-L10194	15q15				
383	ECI2 probe 10252-L11363				6p25.2	
391	VHL probe 13322-L14735			3p25.3		
400	Reference probe 14423-L16128	12q21				
409 ¥	ROBO1 probe 21548-L31318			3p12.3		
418	MUTYH probe 03964-L03351		1p34.1			
427	CDKN1A probe 00585-L18090				6p21.31	
436	Reference probe 12790-L19277	2q13				
445	VHL probe 15899-L18091			3p25.3		
454	CTNNB1 probe 16407-L18832			3p22.1		
463	DCDC2 probe 10253-L18092				6p22.2	
474	XPC probe 06118-L05573			3p25.1		
483	BAP1 probe 16644-L19176			3p21.1		
490	Reference probe 14909-L17745	18p11				
504 ¥	Reference probe 09870-L19465	2p15				

Length (nt)	Name
64-70-76-82	Q-fragments (only visible with <100 ng sample DNA)
88-96	D-fragments (low signal indicates incomplete denaturation)
92	Benchmark fragment
100	X-fragment (X chromosome specific)
105	Y-fragment (Y chromosome specific)