

Supplementary Table 1

Marker	Primer	Sequence 5'-3'
<i>KRAS</i>	F	AAC TTG TGG TAG TTG GAG C
	R	AAA GAA TGG TCC TGC ACC AG
<i>BRAF</i>	F	CCT TTA CTT ACT ACA CCT C
	R	GCC TCA ATT CTT ACC ATC C
<i>SOCS1</i>	F	GTG GGT ATT TTT TTG GTG
	R	ACT ACC ATC CAA ATA AAA AC
<i>RUNX3</i>	F	GGG TAG TAY GGA GTA GAG GAA GTT GG
	R	ACC TCC CTC CCC RAC CTT CC
<i>MLH1</i>	F	GGT ATT TTT GTT TTT ATT GGT T
	R	ACT CTA TAA ATT ACT AAA TCT CTT
<i>CACNAG1</i>	F	GAA GGA TAT GGG TTA TAG AT
	R	CTA CTT AAA CCA AAA CAA CC
<i>NEUROG1</i>	F	TGT AGT TYG GAT TGA GGG TAG AG
	R	CCC CTA CAC CCT TCC AAA
<i>LINE-1</i>	F	TTT TGA GTT AGG TGT GGG ATA TA
	R	AAA ATC AAA AAA TTC CCT TTC

Pyrosequencing primers

<i>SOCS1</i>	TGG GTA TTT TTT TGG TG
<i>RUNX3</i>	GTG GTT AGT TAG TAA GTT TAT TAT
<i>MLH1</i>	AAA AAA GAA TTA ATA GGA A
<i>CACNAG1</i>	GAA GGA TAT GGG TTA TAG AT
<i>NEUROG1</i>	TAG TTA GGA TTG AGG GTA GA
<i>LINE-1</i>	AGTTAGGTGTGGGATATAGT

CIMP marker	Location of amplicon in relation to exon-1
<i>SOCS1</i>	+291-420
<i>RUNX3</i>	+83-283
<i>MLH1</i>	- 339-173
<i>CACNAG1</i>	47825-47893 (based upon GenBank Accession # AC021491)
<i>NEUROG1</i>	-158-49
<i>LINE-1</i>	+210-356