

PCR primers used for targeted pyrosequencing methodology.

Assay	Gene	Sequence	Primer
CpG assay	ZBTB7A/LRF	5' GTAGATTTTTTTGTGTTAAGGA 3'	Forward
		5' AACAAACCCCCAACCTCTAC 3'	5'biotinylated reverse
		5' GGGATTTTATAGTTTTATTTTAA 3'	Forward/Pyrosequencing
	HBG2	5' ATGGTGGGAGAAGAAAATTAGTT 3'	Forward
		5' TCTCCTCCAACATCTTCCACATTCA 3'	5'biotinylated reverse
		5' ATAGTTTTAGAGTATTAGTGA 3'	Forward/Pyrosequencing
	LINE1	5' AAGTAAGTTGGGTAATGG 3'	Forward
		5' AACAACTCCCATCTACAACCTCCC 3'	5'biotinylated reverse
		5' GGGTGGGAGTGAT 3'	Forward/Pyrosequencing