A. CREB3L1 gene

Transcriptional Start Site

TTS

5' UTR

CpG Island (-119 to +554)

-451 exon 1

103 intron 1

Translational Start Site

+1

B.

-429 to +259

60 CpG sites

Methylation Frequency (%)

CpG Residue (Relative of translational start site)

C.

Examples of Scoring of Methylation Sites:

CpG Residue

Score = 2; predominantly methylated
(e.g. from MCF7)

Score = 1; somewhat methylated
(e.g. from MDA-MB-231)

Score = 0; not methylated
(e.g. from Hs578T)