

Oral and Oropharyngeal Cancers

Unmethylated CpG



Normal Cell



Normal Cellular Functions

Promoter
Hypermethylation of
Tumour Suppressor Genes

p16^{INK4a} *TIMP3*
RASSF1A *PCQAP*

Methylated CpG



Cancer Cell



Loss of Differentiation
Increased Proliferation
Decreased Apoptosis

