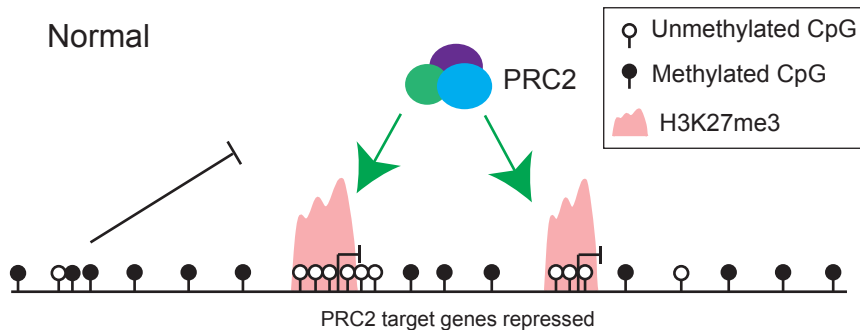
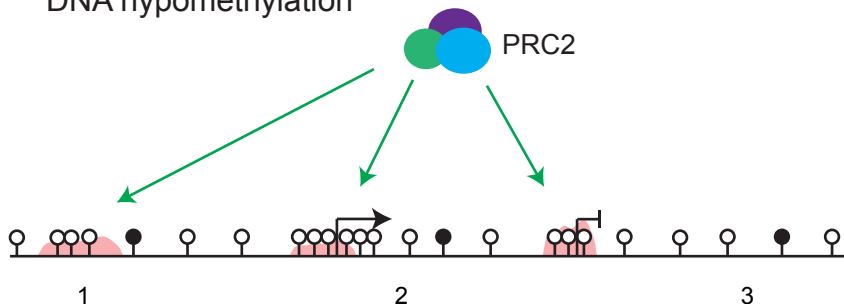


Normal



DNA hypomethylation



Increased PRC2 binding at newly uncovered loci

These sites are highly methylated in wildtype cells where DNA methylation inhibits PRC2 binding

Numerous increased binding throughout the hypomethylated genome leads to reduced PRC2 binding at normal targets due to dilution

These sites are low level methylated in wildtype cells

Some genes are sensitive to PRC2 loss and are de-repressed. This could be due for example to the presence of necessary transcription factors etc