```
F2 R2

F3 R3

R3

F4 R4

F5 R5

Input Sequence

Bisulfite PCR primer

Methylated-Specific
Unwethylated-Specific
```

```
CpG island prediction results
(Criteria used: Island size > 100, GC Percent > 50.0, Obs/Exp > 0.6)
 6 CpG island(s) were found in your sequence
                        (Start - End)
            Size
 Island 1
           208 bp
                         (71 - 278)
 Island 2
           116 bp
                         (402 - 517)
Island 3
           127 bp
                         (736 - 862)
                         (1089 - 1195)
 Island 4
           107 bp
                         (1324 - 1636)
 Island 5
           313 bp
 Island 6
           191 bp
                         (1804 - 1994)
```

Figure S1. Schematic diagram of the p53 promoter region, referring to http://www.urogene.org/methprimer/. The p53 promoter contains 6 candidate CpG islands.