

Table S8. Digital Intensities of Methylation-Sensitive Endonuclease-Digested and Full-Length Fragments

| Gene | Biological replicate | Fragment (bp) | February | | May | | August | | November | |
|--------------|----------------------|---------------|------------------------|--------------------|-----------|-------|-----------|-------|-----------|-------|
| | | | Intensity ^a | Ratio ^b | Intensity | Ratio | Intensity | Ratio | Intensity | Ratio |
| <i>SUR4</i> | 1 | 1611 | 425 | | 299 | | 249 | | 301 | |
| | | 330 | 212 | 2.00 | 331 | 0.90 | 470 | 0.53 | 305 | 0.99 |
| | 2 | 1611 | 373 | | 296 | | 155 | | 304 | |
| | | 330 | 173 | 2.16 | 316 | 0.94 | 400 | 0.39 | 309 | 0.98 |
| <i>KCS13</i> | 1 | 1716 | 1300 | | 896 | | 491 | | 954 | |
| | | 837 | 525 | 2.47 | 655 | 1.37 | 1089 | 0.45 | 701 | 1.36 |
| | 2 | 1716 | 1181 | | 976 | | 576 | | 988 | |
| | | 837 | 506 | 2.33 | 674 | 1.45 | 1036 | 0.56 | 724 | 1.37 |
| <i>ERF6</i> | 1 | 605 | 627 | | 397 | | 332 | | 393 | |
| | | 244 | 337 | 1.86 | 422 | 0.94 | 651 | 0.51 | 460 | 0.85 |
| | 2 | 605 | 670 | | 390 | | 304 | | 425 | |
| | | 244 | 339 | 1.98 | 479 | 0.81 | 689 | 0.44 | 496 | 0.86 |

^aIntensity, background-subtracted pixel intensity of each fragment on the X-ray film. Data obtained from two independent Southern blots.

^bRatio of methylated to unmethylated DNA calculated by dividing the signal of the full-length sequence by that of the corresponding endonuclease-cleaved fragment.