**Table S4**. Results of ROC analyses of the methylation levels in colon adenocarcinomas detected by MethyLight.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tissue type** | **Cutoff****(PMR)** | **Sensitivity Estimate****(95% CI)** | **Specificity Estimate****(95% CI)** | **OR Estimate****(95% CI)** |
| Adenocarcinoma (n=76)Normal (n=98) |  |  |  |  |
| 4 | 0.934 (0.853 – 0.978) | 0.286 (0.199 – 0.386) | 5.7 (2.1 – 15.6) |
| 10 | 0.737 (0.623 – 0.831) | 0.786 (0.691 – 0.865) | 9.7 (4.8 – 19.4) |
| 13.7 | 0.671 (0.554 – 0.775) | 0.908 (0.833 – 0.957) | 19.0 (8.3 – 43.8) |
| 17.2¶ | 0.632 (0.513 – 0.739) | 0.939 (0.872 – 0.977) | 26.3 (10.2 – 67.9) |

¶ mean ± 2SD (standard deviation) based on the PMRs of the normal colon epithelium samples

AUC 0.843 (0.781 – 0.904)