**Multiple regression analysis between PADI4 methylation and clinical data**

*Table S2. Multiple regression analysis between clinical effects at PADI4 methylation status.*

|  |  |
| --- | --- |
| **Clinical variable** | **p-value** |
| Age | 0.07 |
| Sex | 0.15 |
| Disease duration | 0.78 |
| ESR | 0.74 |
| CRP | 0.36 |
| number of painful joints | 0.75 |
| number of swollen joints | 0.98 |
| VAS PGA | 0.67 |
| VAS PhGA | 0.88 |
| DAS28 | 0.89 |

There was no significant effect of clinical variables to the methylation status in PADI4 gene. For details please refer to Table S2.