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| **Supplemetary Table S2:** The binding sites prediction of the DNA methyltransferase protein |
| **Binding site** | **Protein name** |
|  | DsDnmt | DsDnmt1 | HlDnmt1 | HlDnmt |
| DNA binding site | 114, 346 | 2-4 | 469 | - |
| RNA binding site | 145, 146 | 2, 4 | 469-471 | - |
| Protein binding site | 1, 103, 198 | 30, 56, 58 | 1, 28-31 | 369 |
|  | 200, 217 | 59, 64, 65 | 62, 86-88 |  |
|  | 218, 239 | 67-69, 88-99 | 118, 178-181, |  |
|  | 252, 271-273, | 129, 131, 134, | 230, 255, 260 |  |
|  | 276-279, 298, | 143, 145, 178- | 284, 477 |  |
|  | 300, 302-305, | 180 |  |  |
|  | 309, 318 |  |  |  |