|  |  |  |  |
| --- | --- | --- | --- |
|  | Up-regulated | Not up-regulated | Total |
| Annotated | 8 | 112 | 120 |
| Not annotated | 435 | 22666 | 23101 |
| Total | 443 | 22778 | 23221 |

A: 0.16

C: 0.33

T: 0.15

G: 0.36

Transition rate: 0.01

Transition rate: 0.1

Transition rate: 0.9

CpG island

Transition rate: 0.99

Non – CpG island

A: 0.22

C: 0.28

T: 0.23

G: 0.27