|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SampleName | Marker | Allele1 | Allele2 | Height1 | Height2 | **HC/HC** | **甲基化程度** | |
|  |  |  |  |  |  |  |  | **CC/CT理论值** |
| 10% | AGTR1 | C | T | 7524 | 19005 | 0.40 | 10% | 0.11 |
| 20% | AGTR1 | C | T | 9632 | 12588 | 0.77 | 20% | 0.25 |
| 30% | AGTR1 | C | T | 16554 | 13749 | 1.20 | 30% | 0.43 |
| 35% | AGTR1 | C | T | 18287 | 11816 | 1.55 | 35% | 0.54 |
| 40% | AGTR1 | C | T | 20467 | 11632 | 1.76 | 40% | 0.67 |
| 50% | AGTR1 | C | T | 22433 | 9086 | 2.47 | 50% | 1.00 |
| 60% | AGTR1 | C | T | 21463 | 5991 | 3.58 | 60% | 1.50 |
| 70% | AGTR1 | C | T | 29326 | 6862 | 4.27 | 70% | 2.33 |
| 75% | AGTR1 | C | T | 26312 | 3963 | 6.64 | 75% | 3.00 |
| 80% | AGTR1 | C | T | 28819 | 3341 | 8.63 | 80% | 4.00 |
| 90% | AGTR1 |  |  |  |  |  | 90% | 9.00 |

|  |  |  |
| --- | --- | --- |
|  | **y=-0.005x2+0.427x** |  |
|  | **R2=0.984** |  |

注1：横坐标表示实际得到的C和T的峰高比；纵坐标表示理论的C和T的浓度比，其理论的HC/HT与理论的浓度比正相关。

注2：根据这两组数据可以做出两者的曲线关系，从而得到相应的曲线方程式，根据方程式可以得到对应样本理论CC/CT,然后通过公式C%=1/(1+CT/CC)就可以得到样本的甲基化程度。