|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CPE** | **Threshold** | **Performance** | **Type ID** | **Gapped *n*-mer model** | **Nucleotides considered**  **(shown in red)** |
| TATA | 0.00 | Poor | 16 | mkkkkm | 123456  100001 |
|  |  | Poor | 24 | mmkkkm | 123456  110001 |
|  |  | Poor | 26 | mmkmkm | 123456  110101 |
|  |  | Good | 0 | m | 1­­­\_\_\_\_\_  \_2\_\_\_\_  \_\_3\_\_\_  \_\_\_4\_\_  \_\_\_\_5\_  \_\_\_\_\_6  111111 |
|  |  | Good | 4 | mkkm | 1234­­\_\_  \_2345\_  \_\_3456  111111 |
|  |  | Good | 10 | mkmkm | 12345­\_  \_23456  111111 |
| TATA | 0.25 | Poor | 24 | mmkkkm | 123456  110001 |
|  |  | Good | 0 | m | 1­­­\_\_\_\_\_  \_2\_\_\_\_  \_\_3\_\_\_  \_\_\_4\_\_  \_\_\_\_5\_  \_\_\_\_\_6  111111 |
|  |  | Good | 1 | mm | 12­­­­\_\_\_\_  ­\_23\_\_\_  \_\_34\_\_  \_\_\_45\_  \_\_\_\_56  122221 |
|  |  | Good | 2 | mkm | 123­­\_\_\_  \_234\_\_  \_\_345\_  \_\_\_456  112211 |
|  |  | Good | 3 | mmm | 123­­\_\_\_  \_234\_\_  \_\_345\_  \_\_\_456  123321 |
|  |  | Good | 4 | mkkm | 1234­­\_\_  \_2345\_  \_\_3456  111111 |
|  |  | Good | 5 | mkmm | 1234­­\_\_  \_2345\_  \_\_3456  112221 |
|  |  | Good | 6 | mmkm | 1234­­\_\_  \_2345\_  \_\_3456  122211 |
|  |  | Good | 7 | mmmm | 1234­­\_\_  \_2345\_  \_\_3456  123321 |
|  |  | Good | 10 | mkmkm | 12345­\_  \_23456  111111 |
|  |  | Good | 11 | mkmmm | 12345\_  \_23456  111221 |
|  |  | Good | 14 | mmmkm | 12345\_  \_23456  122111 |
|  |  | Good | 15 | mmmmm | 12345\_  \_23456  122221 |
|  |  | Good | 31 | mmmmmm | 123456  111111 |
| TATA | 0.50 | Poor | 16 | mkkkkm | 123456  100001 |
|  |  | Poor | 24 | mmkkkm | 123456  110001 |
|  |  | Good | 9 | mkkmm | 12345\_  \_23456  110111 |
|  |  | Good | 23 | mkmmmm | 123456  101111 |
|  |  | Good | 27 | mmkmmm | 123456  110111 |
|  |  | Good | 30 | mmmmkm | 123456  111101 |
| TATA | 0.75 | Poor | 16 | mkkkkm | 123456  100001 |
|  |  | Poor | 24 | mmkkkm | 123456  110001 |
|  |  | Good | 9 | mkkmm | 12345\_  \_23456  110111 |
|  |  | Good | 23 | mkmmmm | 123456  101111 |
|  |  | Good | 27 | mmkmmm | 123456  110111 |
|  |  | Good | 30 | mmmmkm | 123456  111101 |
| TATA | 1.00 | Poor | 16 | mkkkkm | 123456  100001 |
|  |  | Poor | 24 | mmkkkm | 123456  110001 |
|  |  | Good | 9 | mkkmm | 12345\_  \_23456  110111 |
|  |  | Good | 23 | mkmmmm | 123456  101111 |
|  |  | Good | 27 | mmkmmm | 123456  110111 |
|  |  | Good | 30 | mmmmkm | 123456  111101 |