

k-mers

Hash index

Key k-mers

Fingerprint XOR

Distinct XORs

ACTACGAT
CTACGATC
TACGATCT
ACGGATCTC
CGATCTCA
GATCTCAT
ATCTCATT
TCTCATT
CGATCACG
GATCACGA
ATCACGAA
TCACGAAA
CTACGATC
TACGATCA
ACGGATCAC
CGATCACG
GATCACGA
TTCACGAA
TCACGAAA
AGACGATC
GACGATCT
ACGGATCTC
CGATCTCA

0 0
1 0
2 1
3 1
4 1
5 0
6 1
7 0
8 0
9 1
10 0
11 0
12 0
13 0
14 0
15 1
16 0
17 0
18 0
19 0
20 1
21 0
22 0
23 0
24 0
25 0
26 0
27 0
28 0
29 0
30 0
31 1
32 0
33 1
34 1
35 0
36 0
37 1

1111111011000010
0110100110010110
1001011101010100
1100010110100101
1111111011000010

0101001011110001
0110100110010110
1001011101010100
1100010110100101
1111111011000010

Color fingerprints

1100010110100101

0110100110010110

1001011101010100