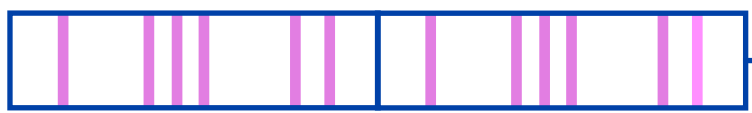


read AACATGTCAATGCCGTGGCAATGCGGTACGTTGT

$k - mer$



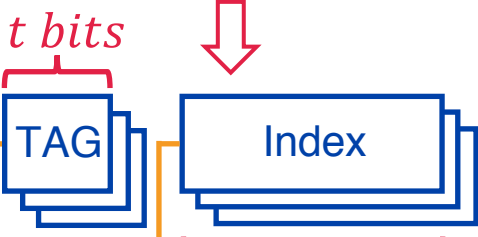
$2k$ bits



l times
signatures

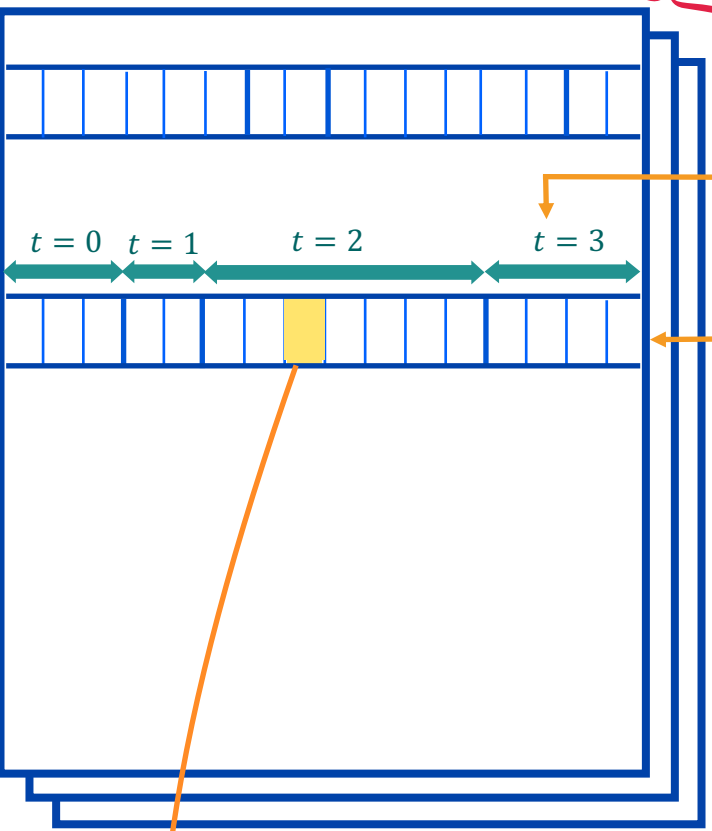


$2h$ bits



Lookup Table

l times



$2^t \times b$

$2k$ bits
Encoding array



encoding $\leq 2^g$

check hamming distance

