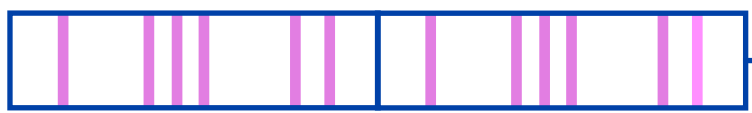


read AACATGTCAATGCCGTGGCAATGCGGTACGTTGT

$k - mer$



$2k$  bits



TAG

Index

signatures

$2h$  bits



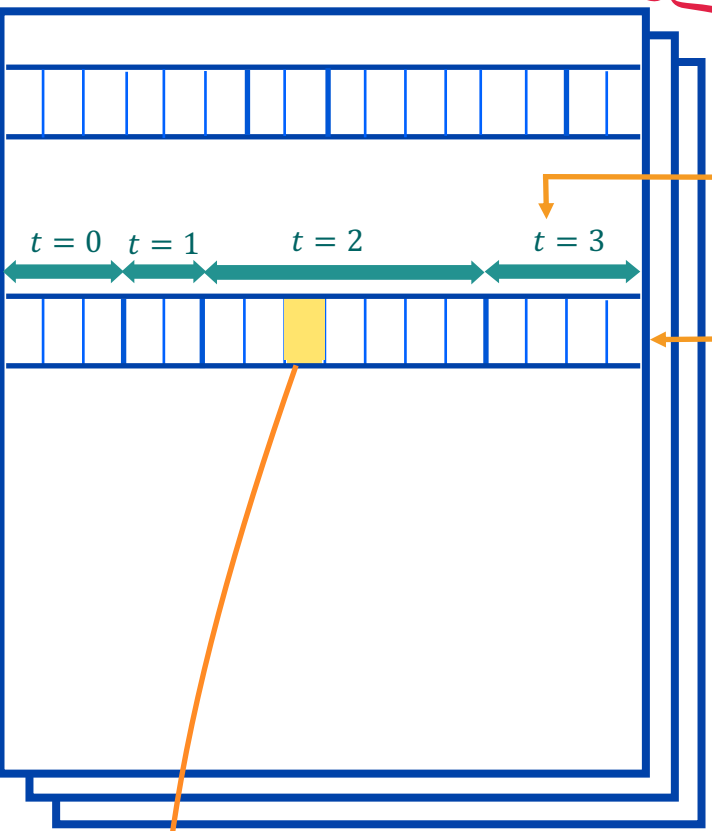
TAG

Index

$h - t$  bits

Lookup Table

$l$  times



$2^t \times b$

$2k$  bits

Encoding array



encoding

$\leq 2^g$

check hamming distance