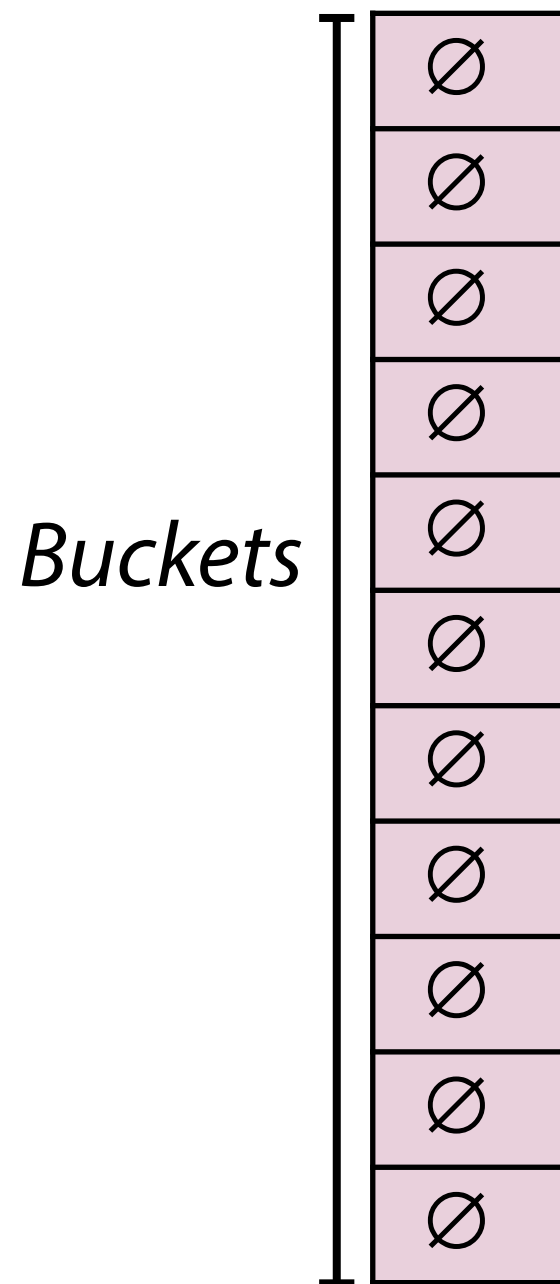
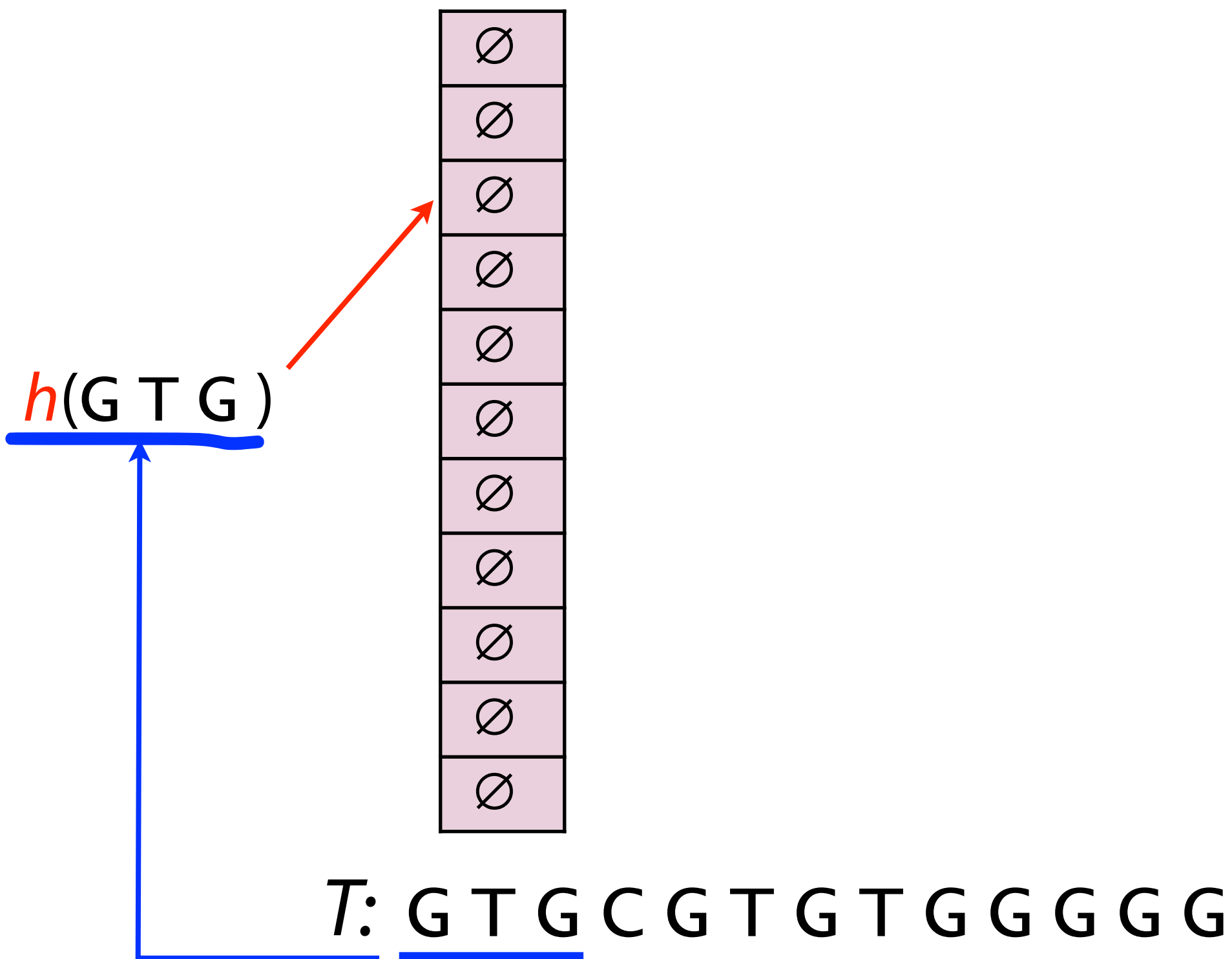


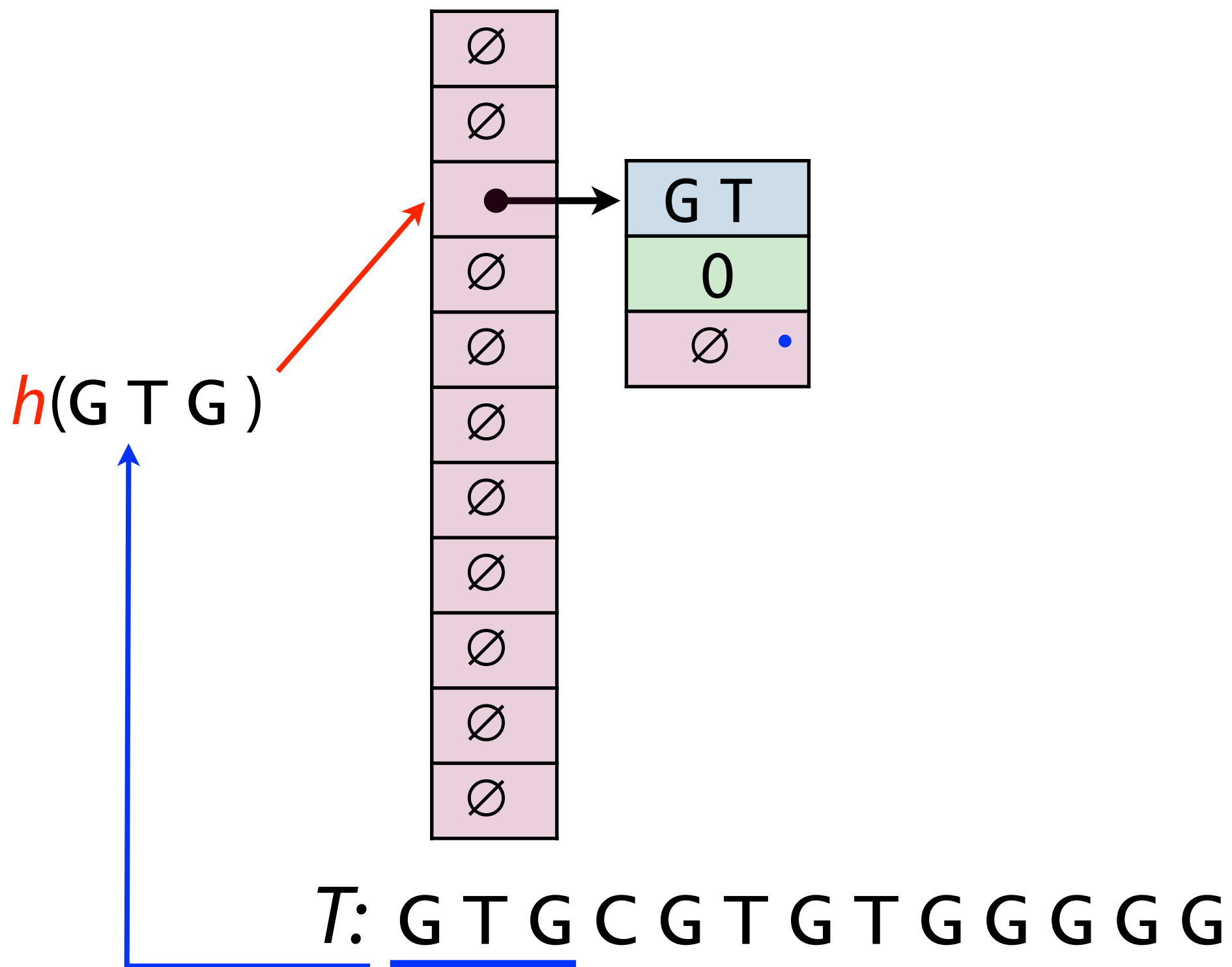
# Hash table

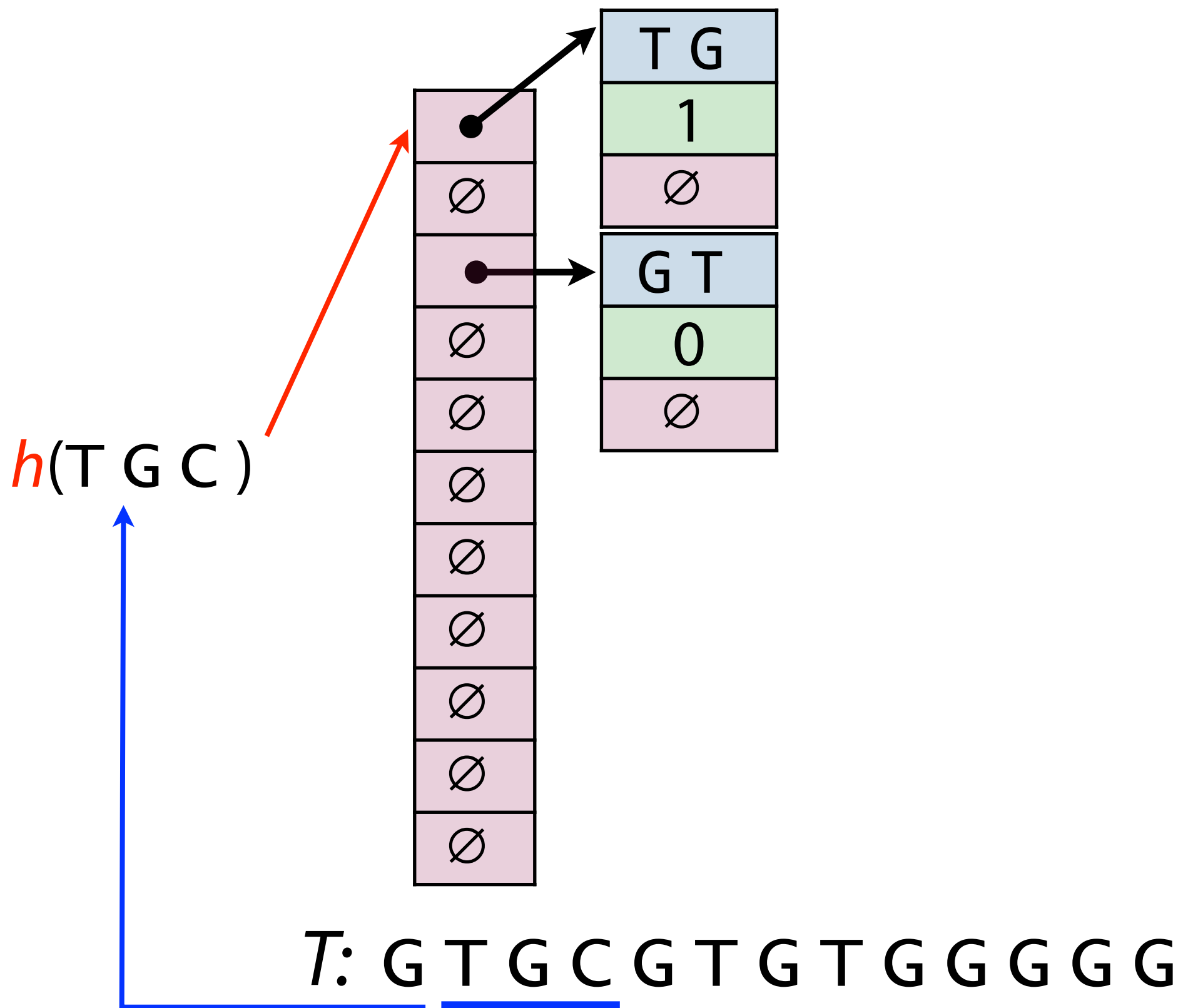


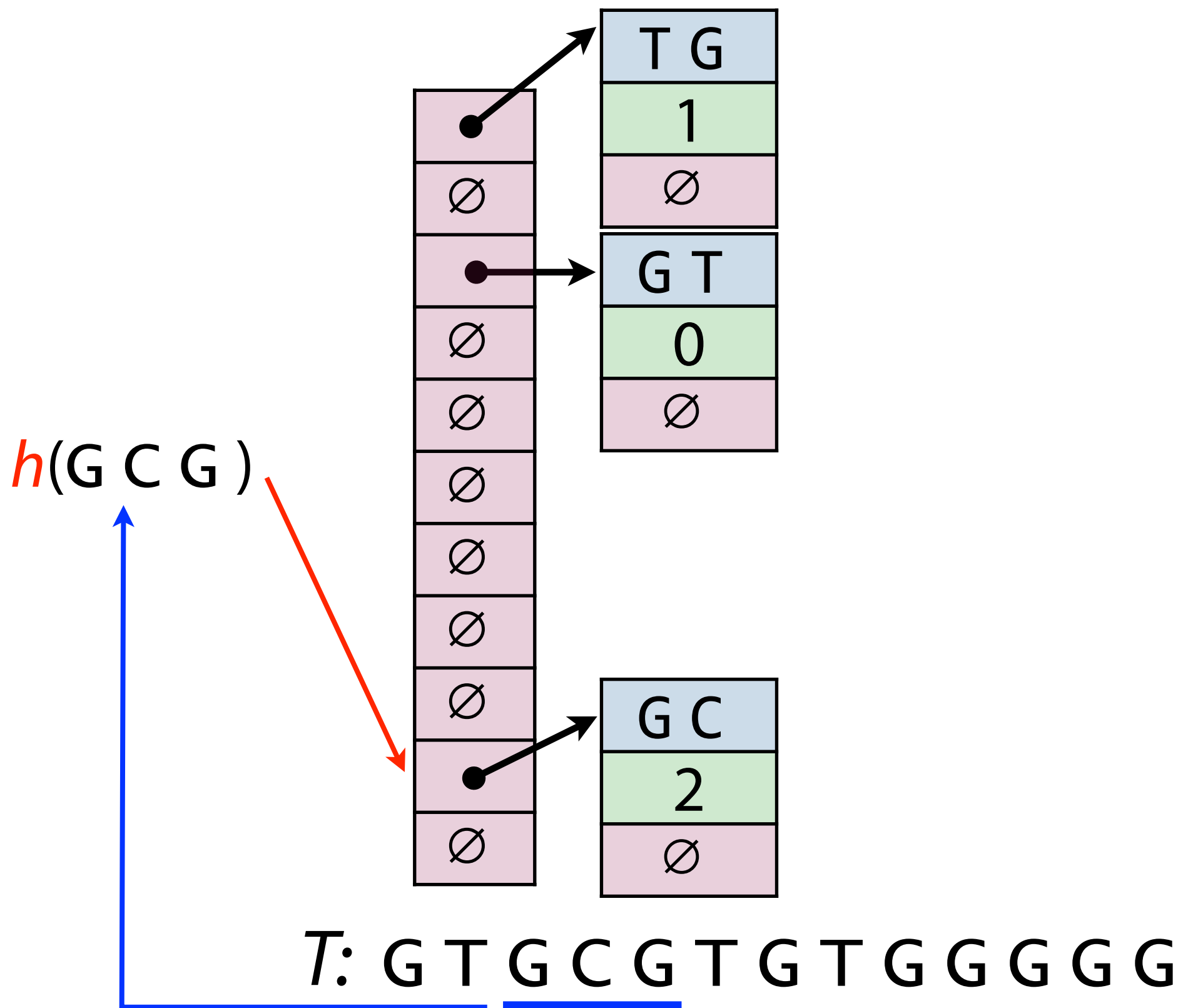
Hash function *h* maps  
3-mers to buckets

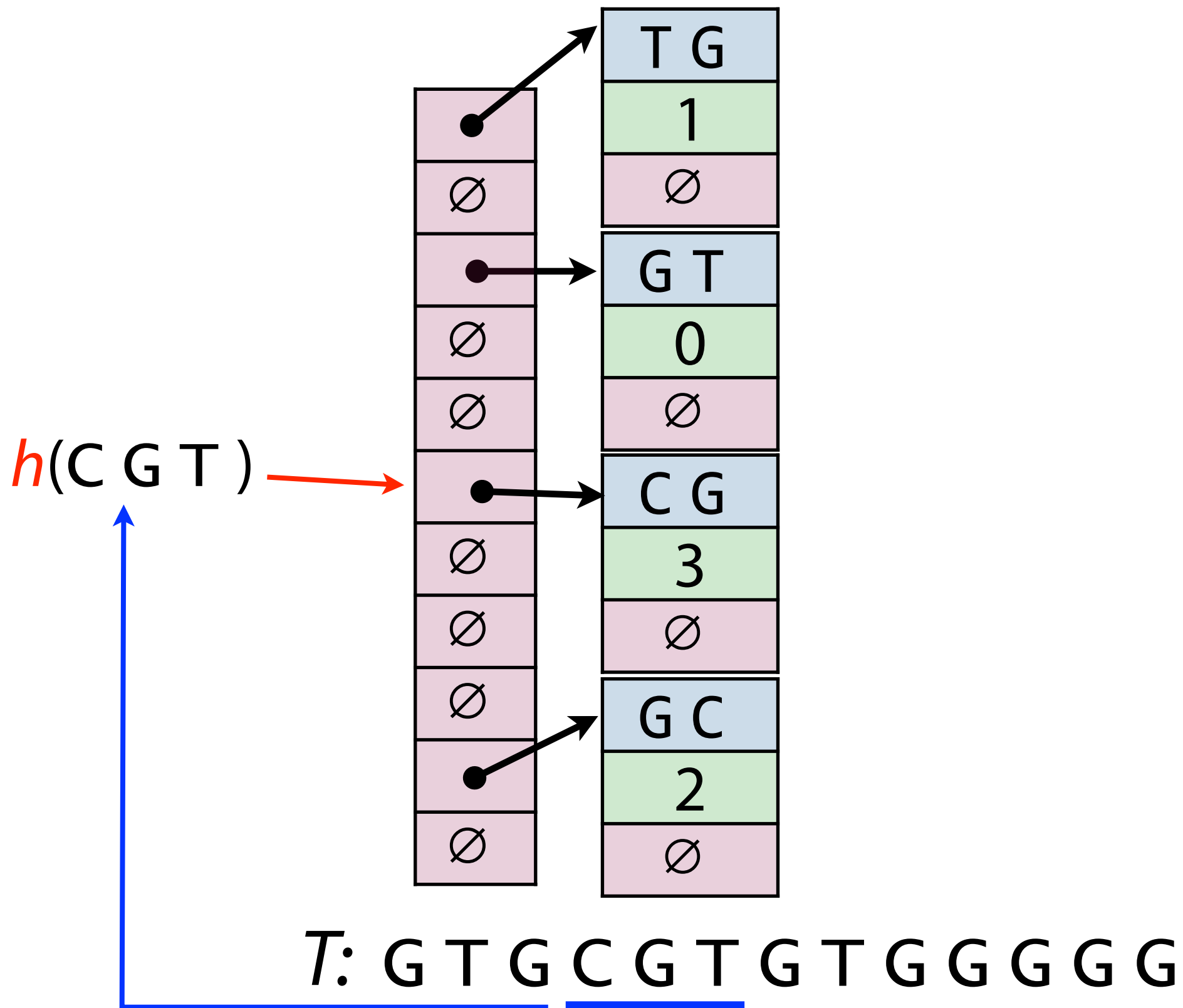
*T*: **G T G** C G T G T G G G G G

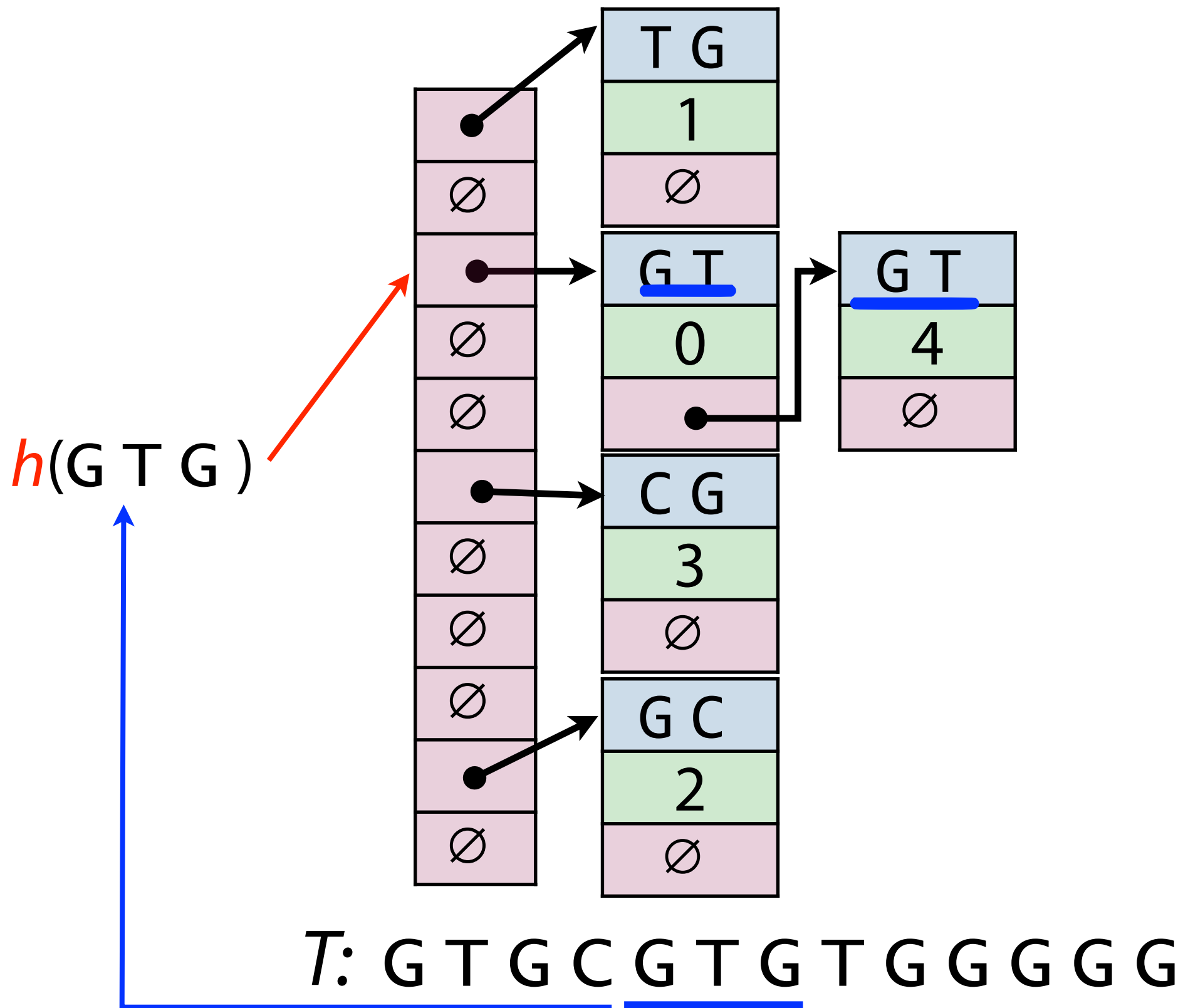


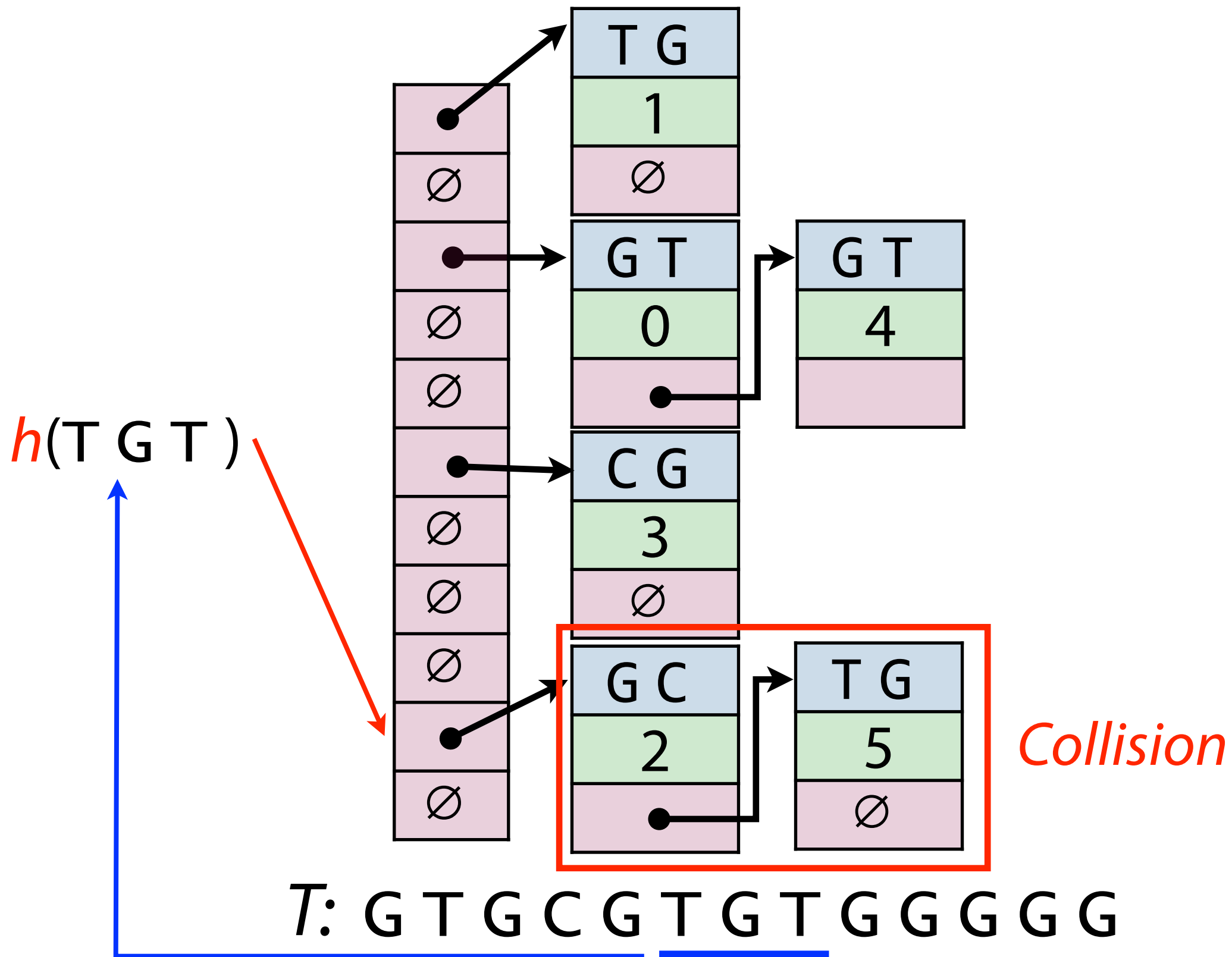




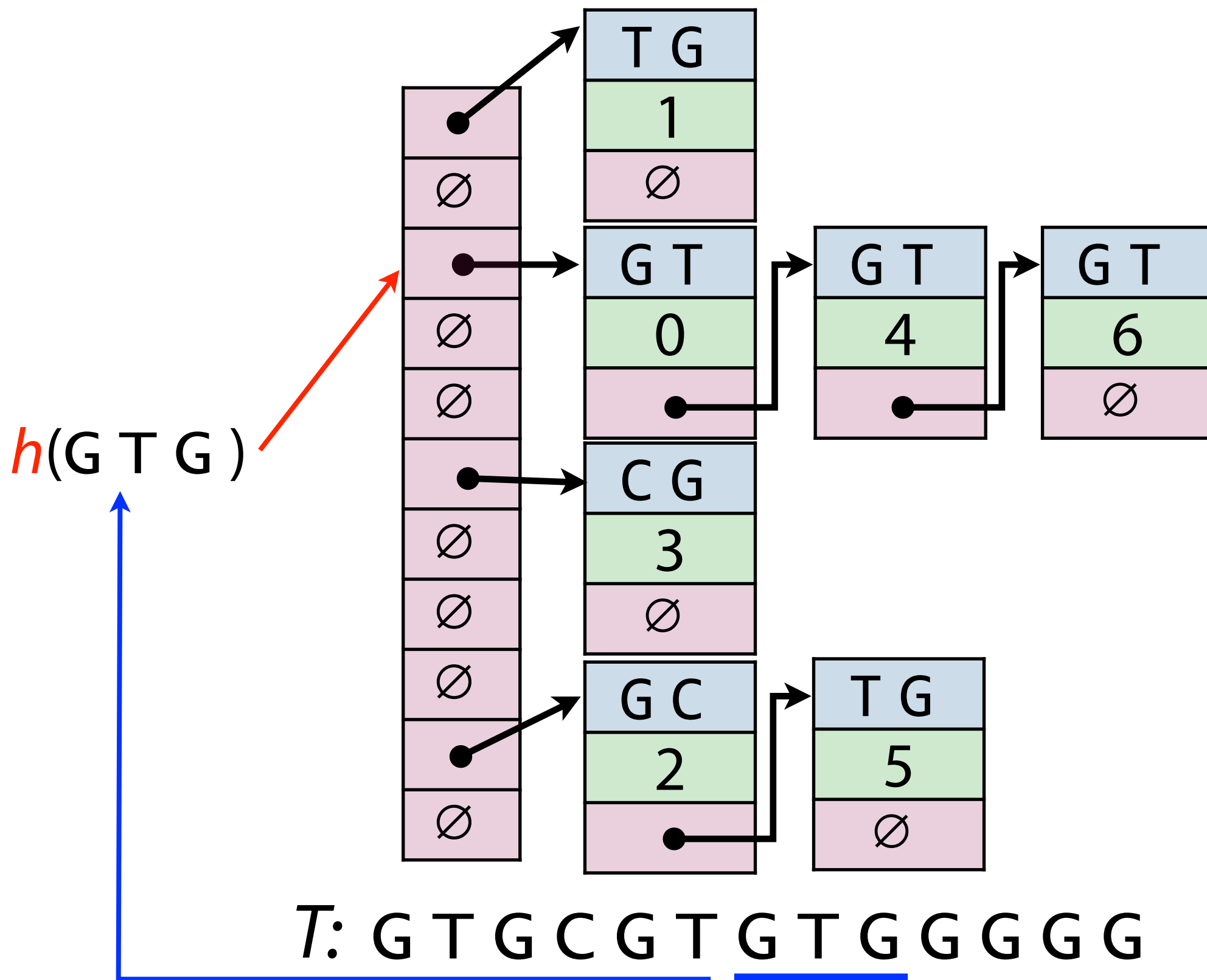


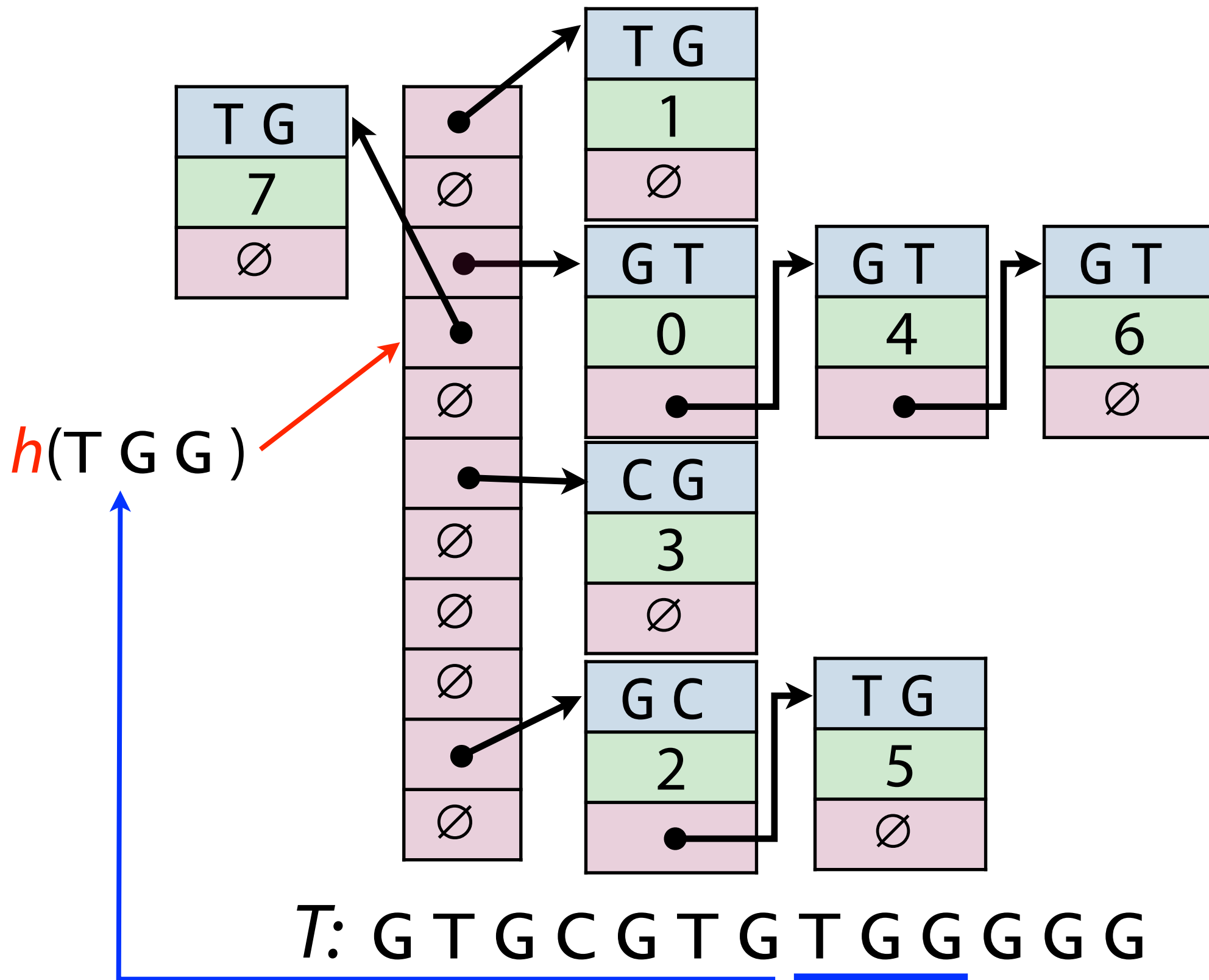


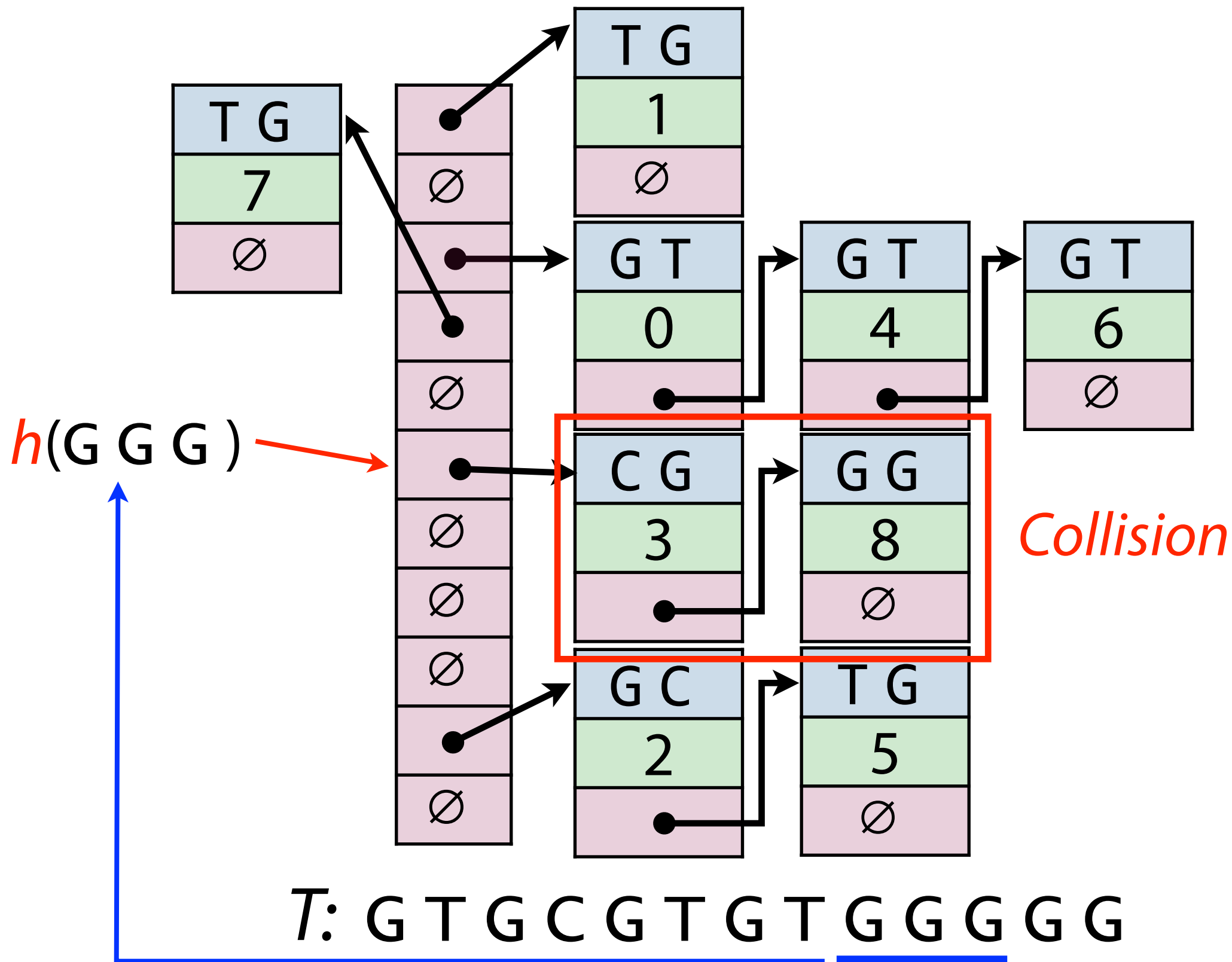


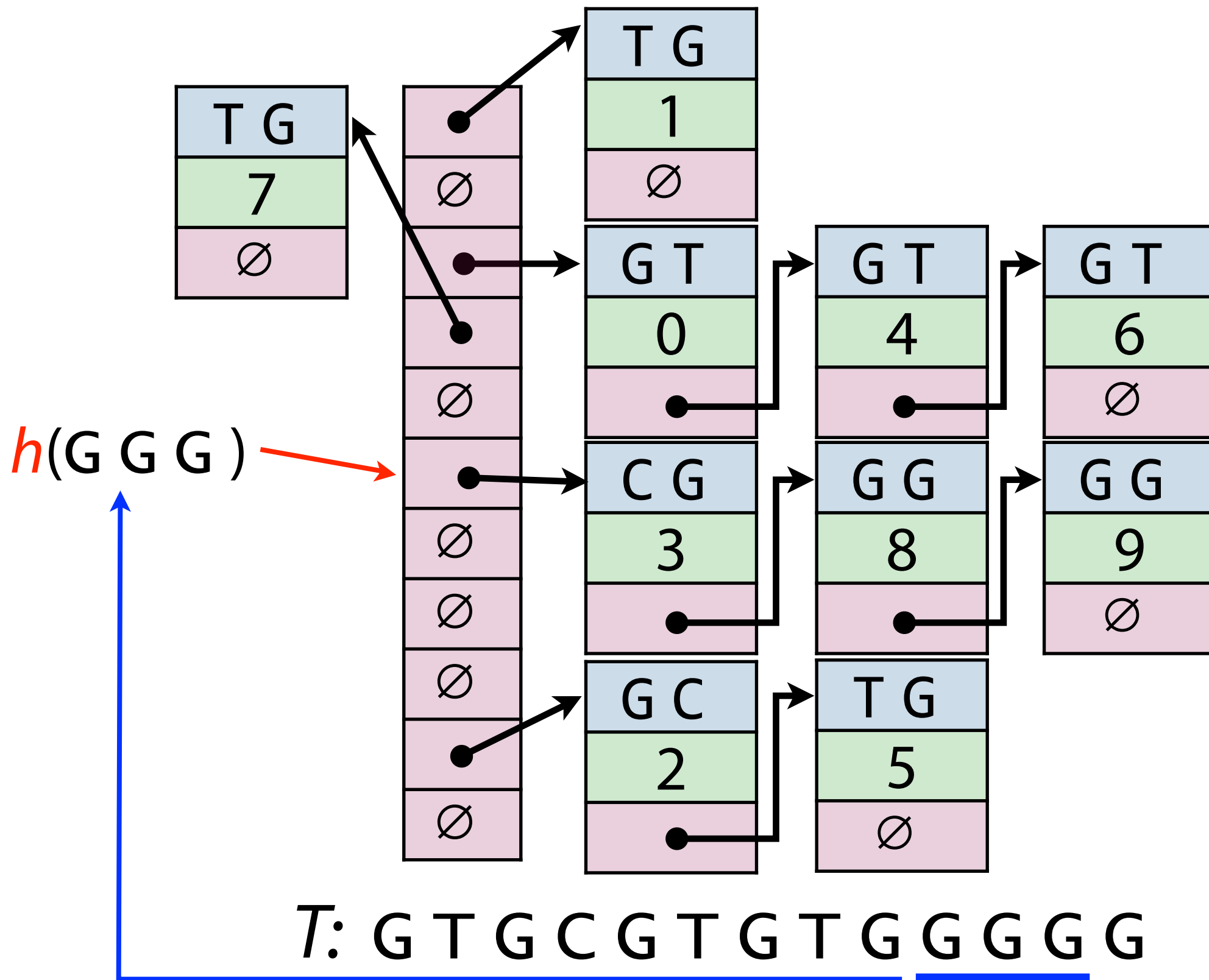


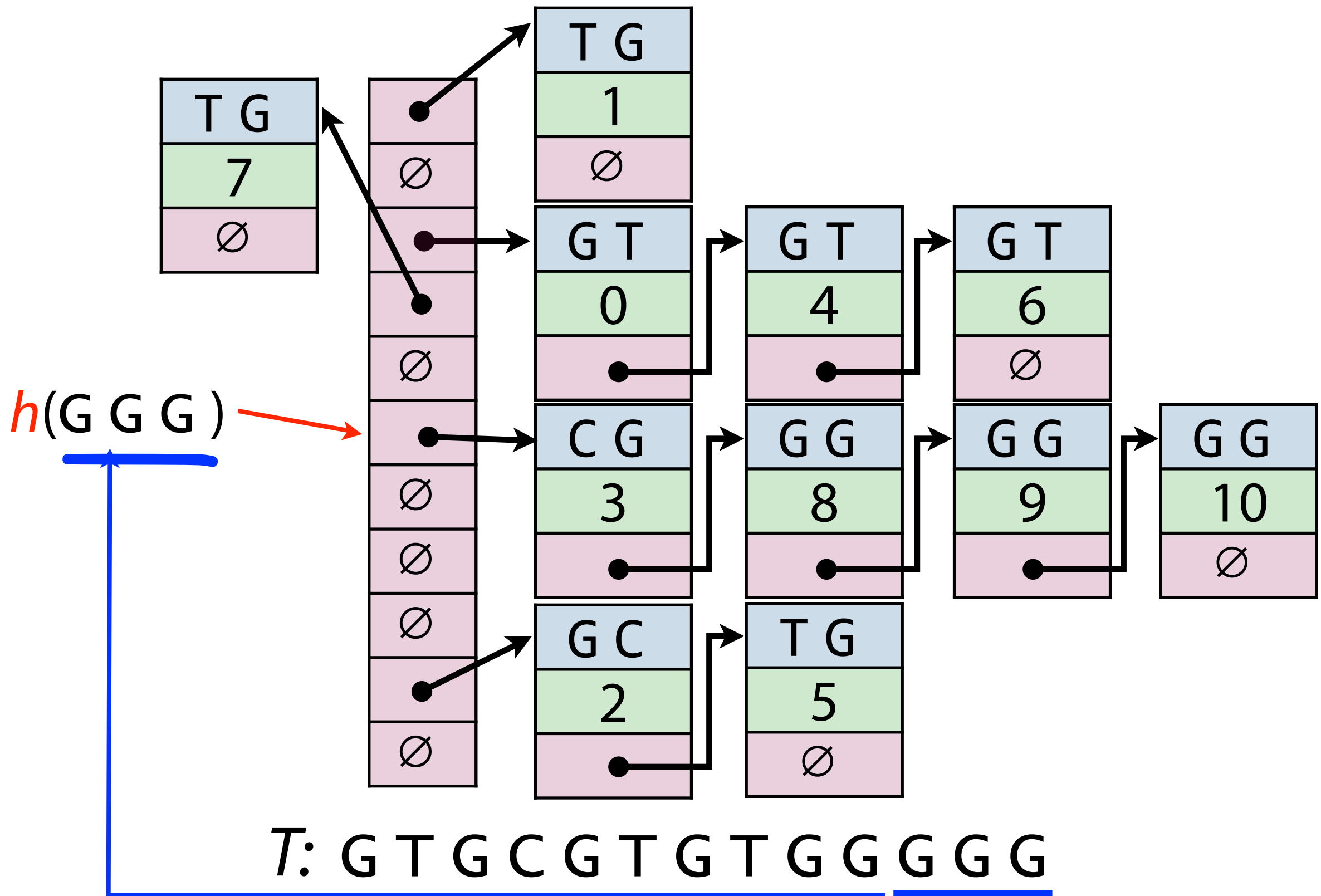


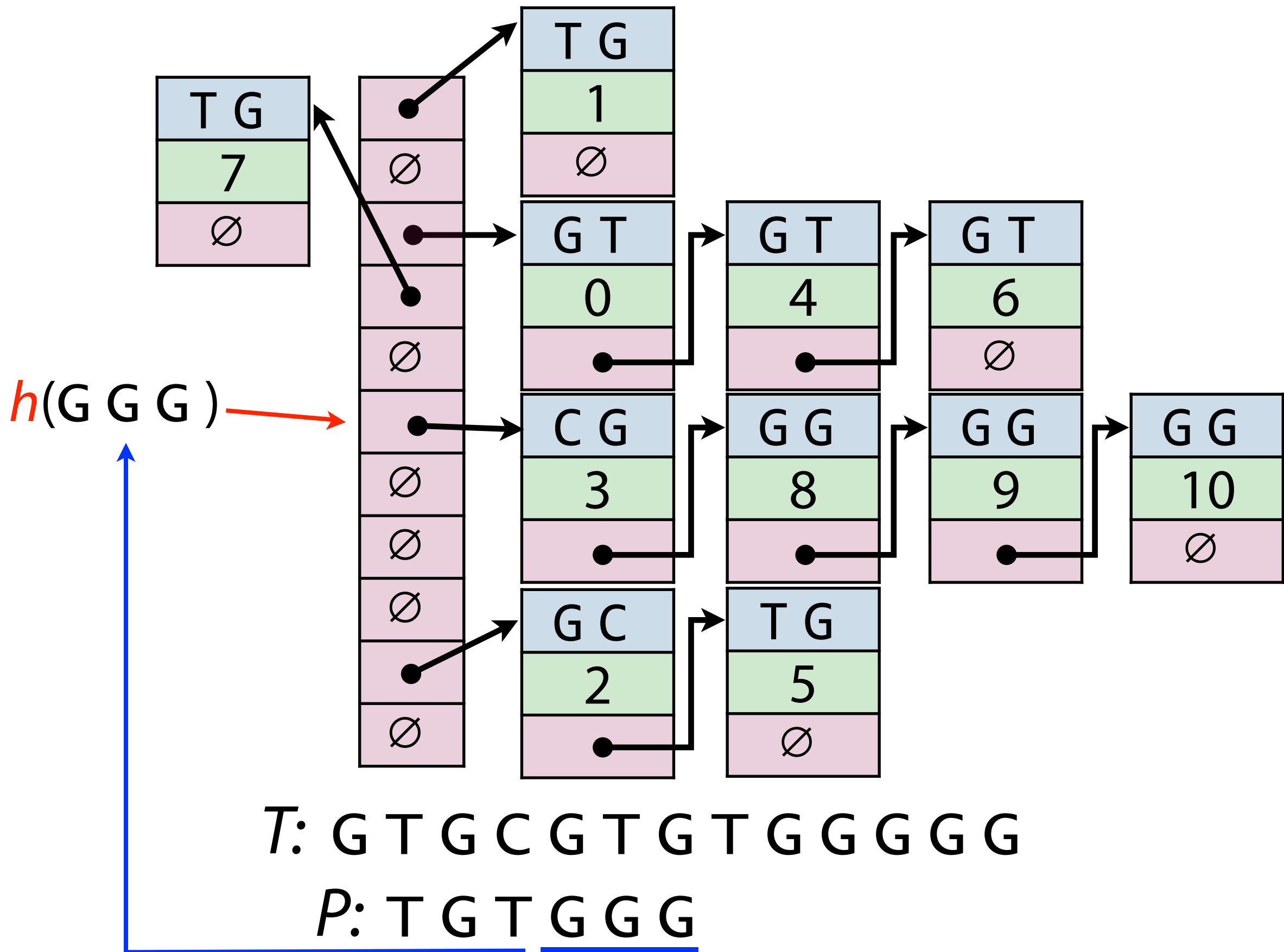


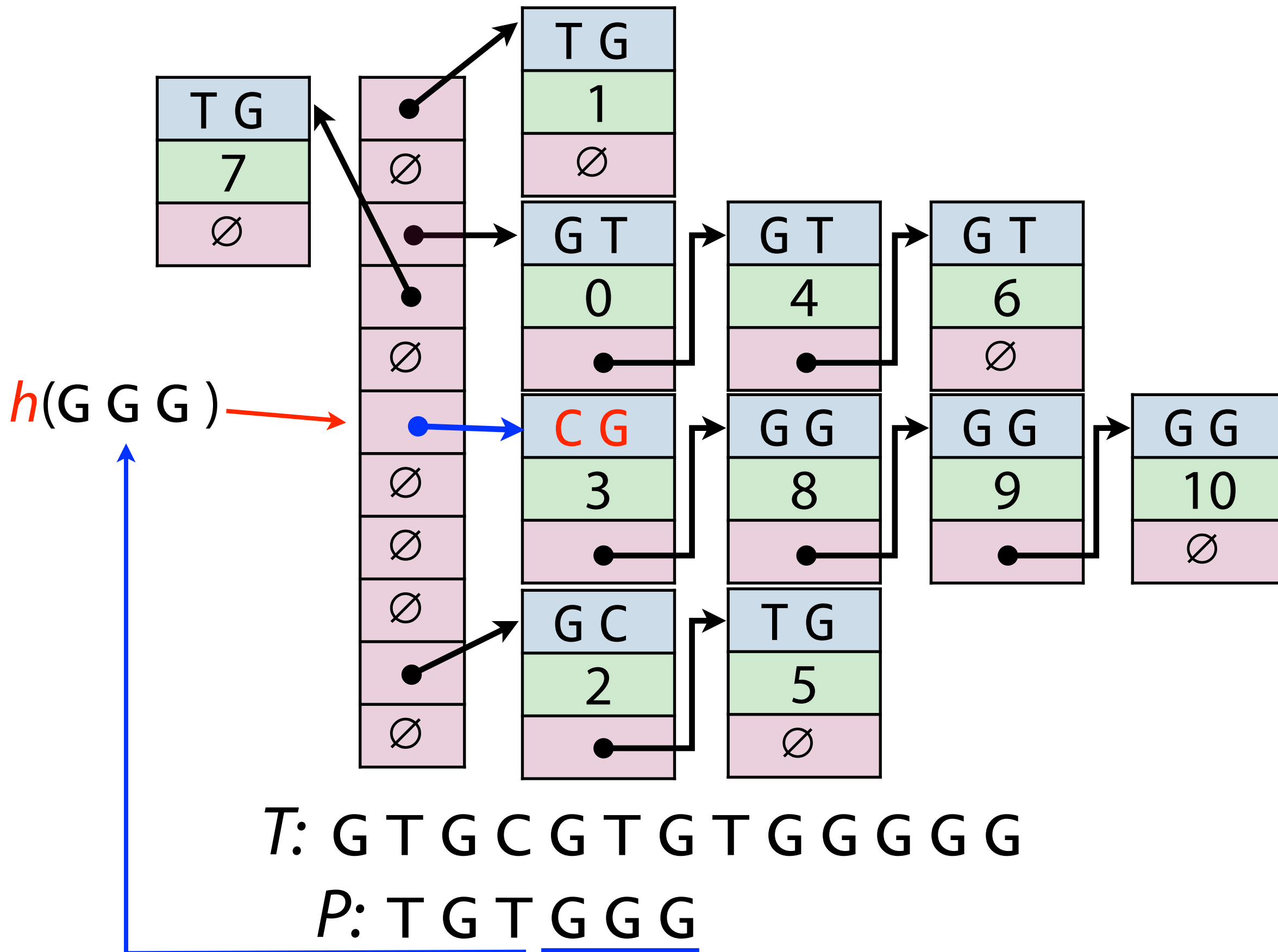


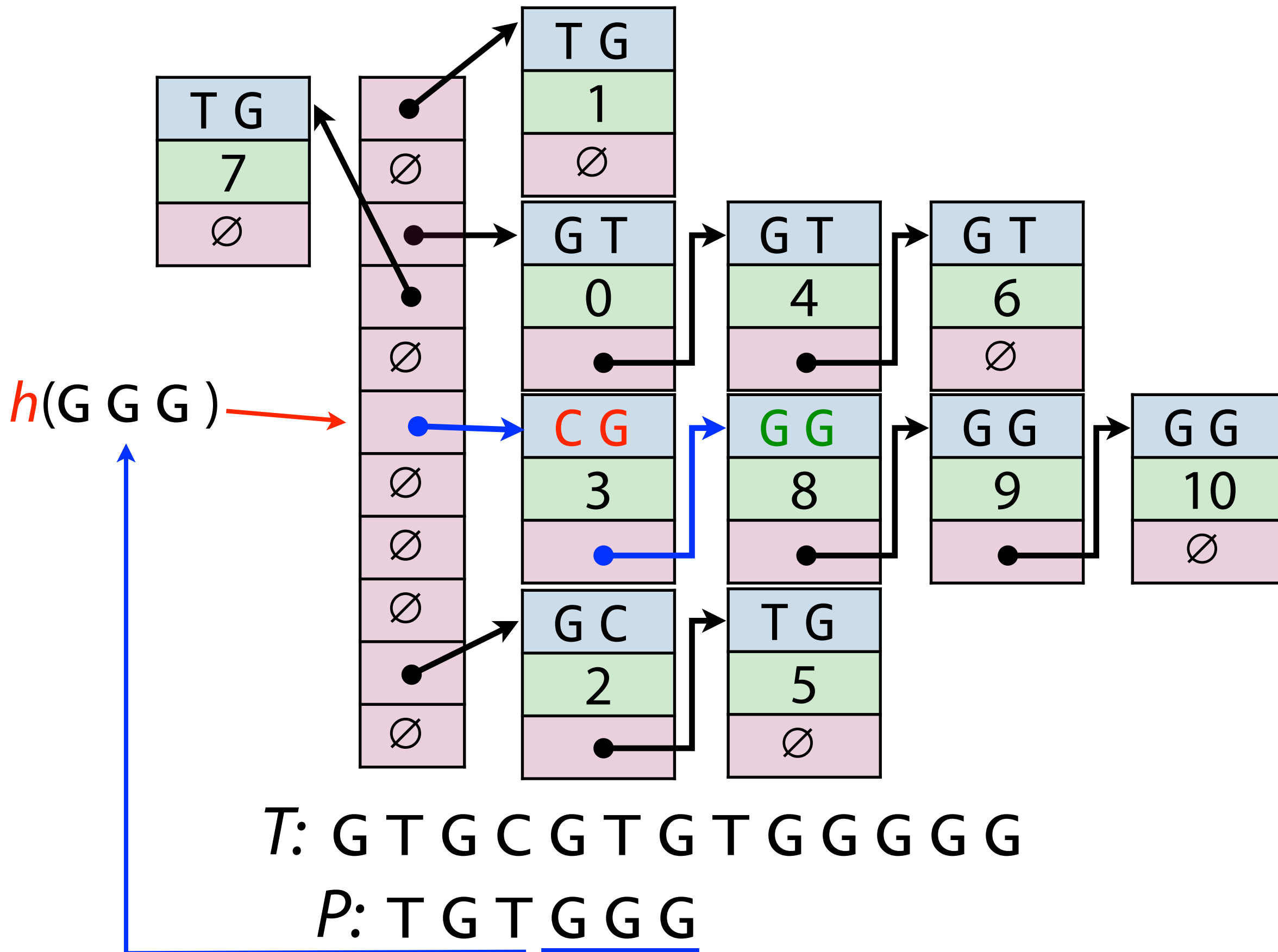




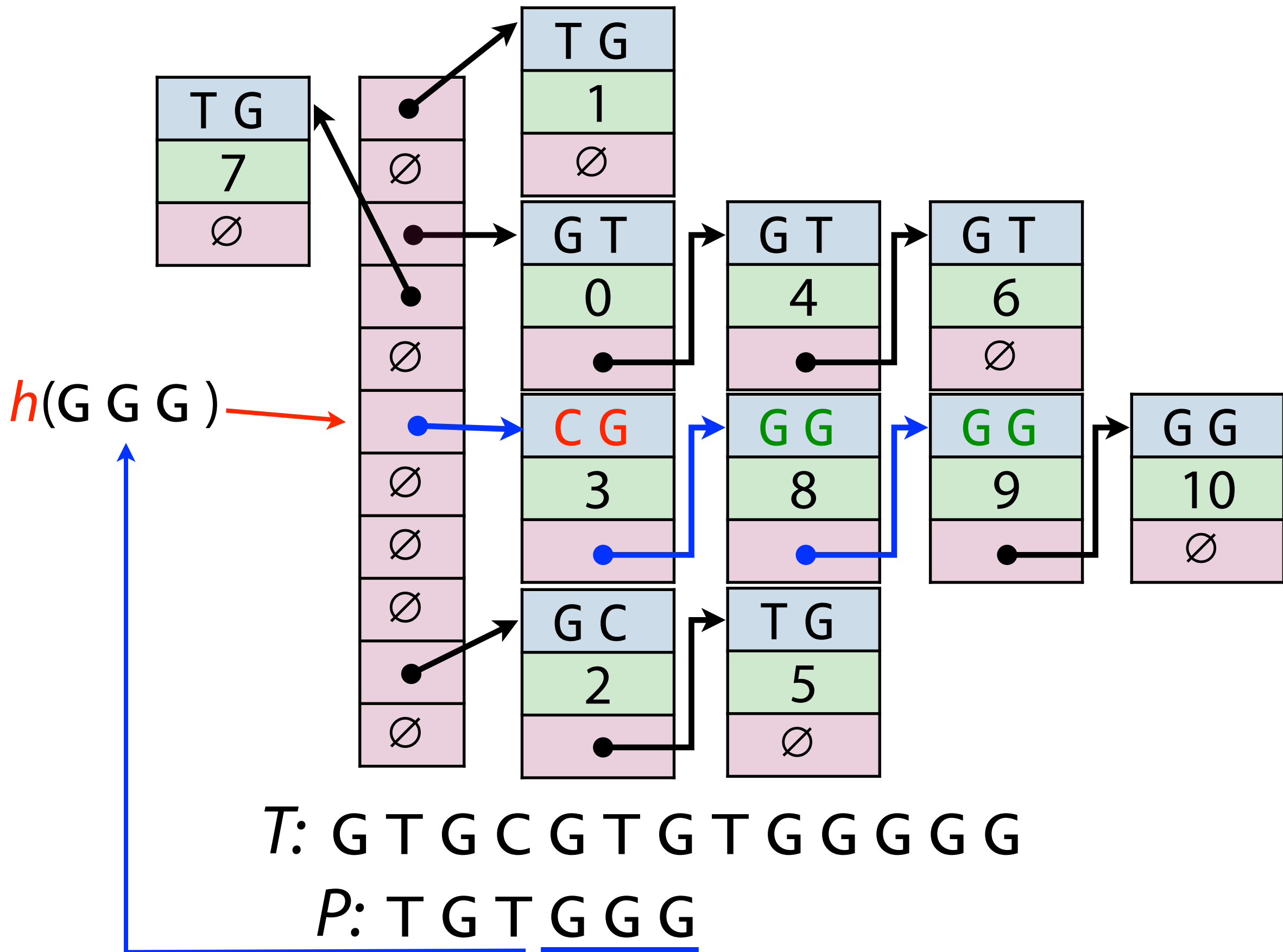


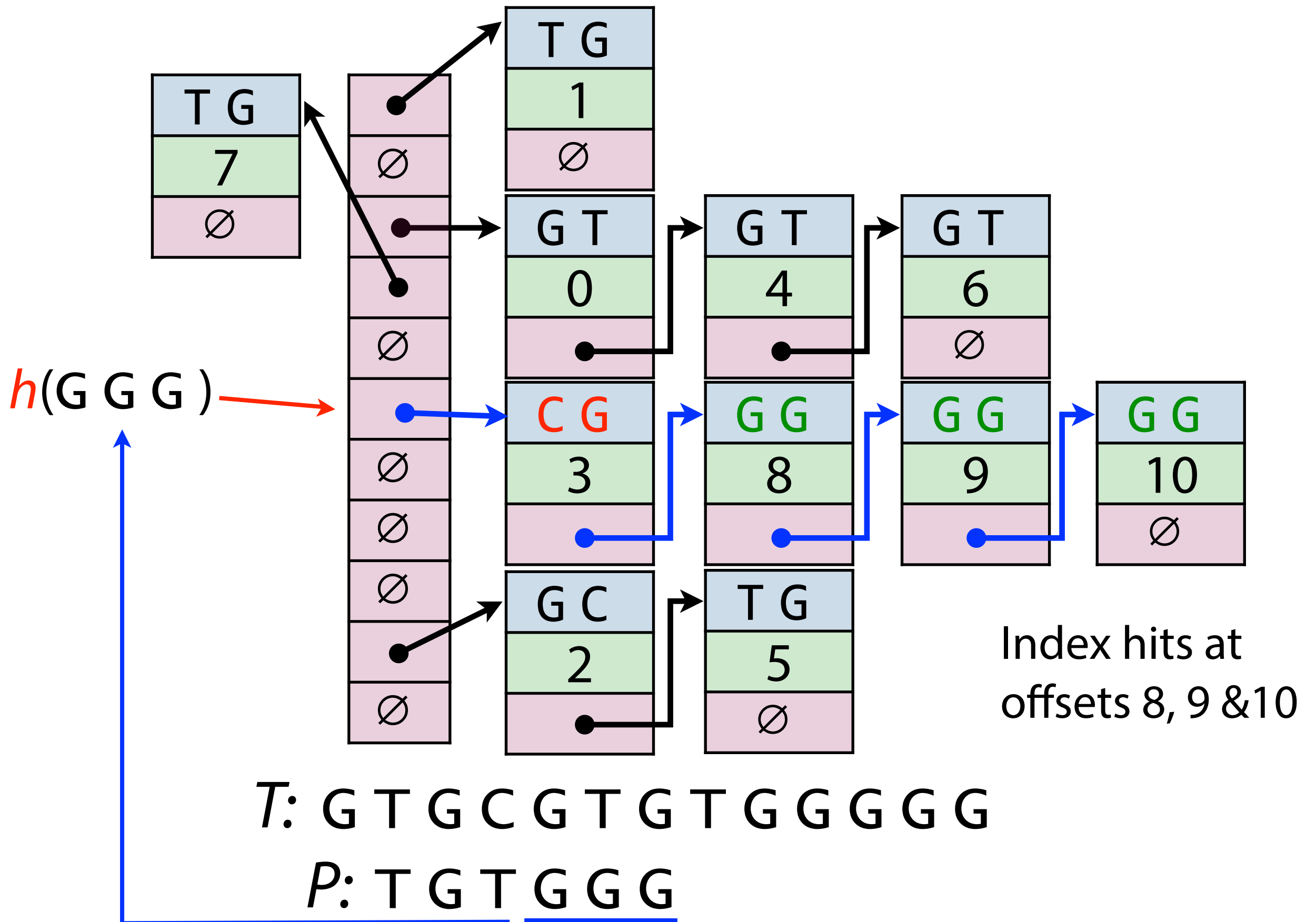












# Python dictionary

```
>>> t = 'GTGCGTGTGGGGG'
>>> table = {'GTG':[0, 4, 6], 'TGC':[1],
             'GCG':[2], 'CGT':[3], 'TGT':[5],
             'TGG':[7], 'GGG':[8, 9, 10]}
>>> table['GGG']
[8, 9, 10]
>>> table['CGT']
[3]
```