* The same HSP gets reported multiple times because the window is small and the match is much larger. We will get several matches in the hash table, and they will extend to become the same match.
* The $/ = "" line changes the delimiter from the default which is newline to the empty string, so the program continues to read even after it gets to a newline.

Results:

**k=3 t=6**

For String:

gcqakveqaveteelkaykseleeqltpvaeetrarlskelqaadvlashgrlvqyrgevqamlgqsteelrvrlashlr

HSP in Q: advlashgrlvqyrgevqamlgqsteelrvrlashlr at positions 124

HSP in Q: elkaykseleeqltpvaeetrarlskelqaa at positions 88

HSP in Q: gcqakveqavete at positions 15

The Longest string is advlashgrlvqyrgevqamlgqsteelrvrlashlr with length 37

For String:

gerlrarmeemgsrtrdrldevkeqvae

HSP in Q: gerlrarmeemgsrtrdrldevkeqvae at positions 229

The Longest string is gerlrarmeemgsrtrdrldevkeqvae with length 28

**k=3 t=7**

For String:

gcqakveqaveteelkaykseleeqltpvaeetrarlskelqaadvlashgrlvqyrgevqamlgqsteelrvrlashlr

HSP in Q: advlashgrlvqyrgevqamlgqsteelrvrlashlr at positions 124

HSP in Q: elkaykseleeqltpvaeetrarlskelqaa at positions 88

HSP in Q: gcqakveqavete at positions 15

The Longest string is advlashgrlvqyrgevqamlgqsteelrvrlashlr with length 37

For String:

gerlrarmeemgsrtrdrldevkeqvae

HSP in Q: gerlrarmeemgsrtrdrldevkeqvae at positions 229

The Longest string is gerlrarmeemgsrtrdrldevkeqvae with length 28

**k=4 t=6**

For String:

gcqakveqaveteelkaykseleeqltpvaeetrarlskelqaadvlashgrlvqyrgevqamlgqsteelrvrlashlr

HSP in Q: advlashgrlvqyrgevqamlgqsteelrvrlashlr at positions 124

HSP in Q: elkaykseleeqltpvaeetrarlskelqaa at positions 88

HSP in Q: gcqakveqavete at positions 15

The Longest string is advlashgrlvqyrgevqamlgqsteelrvrlashlr with length 37

For String:

gerlrarmeemgsrtrdrldevkeqvae

HSP in Q: gerlrarmeemgsrtrdrldevkeqvae at positions 229

The Longest string is gerlrarmeemgsrtrdrldevkeqvae with length 28

**k=4 t=7**

For String:

gcqakveqaveteelkaykseleeqltpvaeetrarlskelqaadvlashgrlvqyrgevqamlgqsteelrvrlashlr

HSP in Q: advlashgrlvqyrgevqamlgqsteelrvrlashlr at positions 124

HSP in Q: elkaykseleeqltpvaeetrarlskelqaa at positions 88

HSP in Q: gcqakveqavete at positions 15

The Longest string is advlashgrlvqyrgevqamlgqsteelrvrlashlr with length 37

For String:

gerlrarmeemgsrtrdrldevkeqvae

HSP in Q: gerlrarmeemgsrtrdrldevkeqvae at positions 229

The Longest string is gerlrarmeemgsrtrdrldevkeqvae with length 28