StringStrand, eccoli_small.txt

```
dna length = 320,160
cutting at enzyme gaattc
-------------------------------------------------------------------
Class            dna,N    splicee,S        recomb  time(ms)  breaks,b
-------------------------------------------------------------------
StringBuil:      320,160     10,000       769,890         3        44
StringBuil:      320,160     20,000     1,219,890         2        44
StringBuil:      320,160     40,000     2,119,890         3        44
StringBuil:      320,160     80,000     3,919,890         3        44
StringBuil:      320,160    160,000     7,519,890         3        44
StringBuil:      320,160    320,000    14,719,890         5        44
StringBuil:      320,160    640,000    29,119,890         7        44
StringBuil:      320,160  1,280,000    57,919,890        12        44
StringBuil:      320,160     10,000       769,890         1        44
StringBuil:      640,320     10,000     1,539,780         5        89
StringBuil:    1,280,640     10,000     3,079,560        37       179
StringBuil:    2,561,280     10,000     6,159,120        69       359
StringBuil:    5,122,560     10,000    12,318,240       142       719
-------------- Memory Exhaustion Benchmark ---------------
```

StringBuilderStrand, ecoli_small.txt

```
dna length = 320,160
cutting at enzyme gaattc
-------------------------------------------------------------------
Class            dna,N    splicee,S        recomb  time(ms)  breaks,b
-------------------------------------------------------------------
StringStra:      320,160     10,000       769,890        10        44
StringStra:      320,160     20,000     1,219,890        10        44
StringStra:      320,160     40,000     2,119,890        11        44
StringStra:      320,160     80,000     3,919,890        17        44
StringStra:      320,160    160,000     7,519,890        22        44
StringStra:      320,160    320,000    14,719,890        43        44
StringStra:      320,160    640,000    29,119,890        82        44
StringStra:      320,160  1,280,000    57,919,890       181        44
StringStra:      320,160     10,000       769,890         9        44
StringStra:      640,320     10,000     1,539,780        18        89
StringStra:    1,280,640     10,000     3,079,560        68       179
StringStra:    2,561,280     10,000     6,159,120       198       359
StringStra:    5,122,560     10,000    12,318,240       641       719
-------------- Memory Exhaustion Benchmark ---------------
```

StringBuilderStrand, ecoli.txt

```
dna length = 4,639,221
cutting at enzyme gaattc
-----------------------------------------------------------------------
Class              dna,N    splicee,S        recomb  time(ms)  breaks,b
-----------------------------------------------------------------------
StringBuil:    4,639,221     10,000     11,085,351        22        644
StringBuil:    4,639,221     20,000     17,535,351        83        644
StringBuil:    4,639,221     40,000     30,435,351       131        644
StringBuil:    4,639,221     80,000     56,235,351       138        644
StringBuil:    4,639,221    160,000    107,835,351       149        644
StringBuil:    4,639,221    320,000    211,035,351       177        644
StringBuil:    4,639,221    640,000    417,435,351       237        644
StringBuil:    4,639,221  1,280,000    830,235,351       352        644
StringBuil:    4,639,221     10,000     11,085,351       127        644
StringBuil:    9,278,442     10,000     22,170,702       254      1,289
StringBuil:   18,556,884     10,000     44,341,404       508      2,579
StringBuil:   37,113,768     10,000     88,682,808     1,019      5,159
StringBuil:   74,227,536     10,000    177,365,616     2,030     10,319
--------------- Memory Exhaustion Benchmark ---------------
```