

A

wild type

library

model

bin 1

bin 2

bin 3

B

simulate_library

ct seq

library

library.txt

pos val_A val_C val_G val_T

model
model.txt

simulate_sort --model model.txt

ct_0 ct_1 ct_2 ct_3 seq

simulated data
simdata.txt

C

```
$ sortseq simulate_library --wtseq ACCACATTGAGAGATTTAGGGATA --mutrate 0.10 -o library.txt
```

```
$ sortseq simulate_sort -i library.txt -o simdata.txt --model true.mat
```

Figure 10