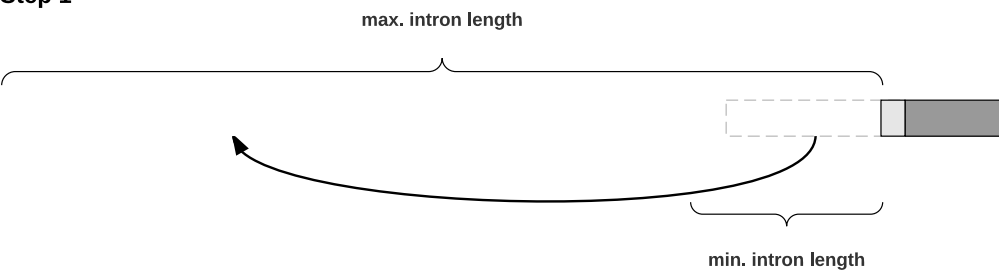


Genome:



Step 1



Step 2

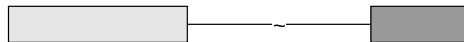


Step 3

Fake Reference

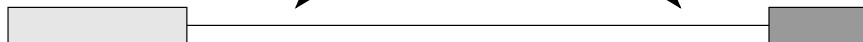


Read



insert

Step 4



		t							
		A	C	A	C	A	C	T	A
$s \downarrow$	0	1	2	3	4	5	6	7	8
A	1	0	1	2	3	4	5	6	7
G	2	1	1	2	3	4	5	6	7
C	3	2	1	2	2	3	4	5	6
A	4	3	2	1	2	2	3	4	5
C	5	4	3	2	1	2	2	3	4
A	6	5	4	3	2	1	2	3	3
C	7	6	5	4	3	2	1	2	3
A	8	7	6	5	4	3	2	2	2

Read 1:

