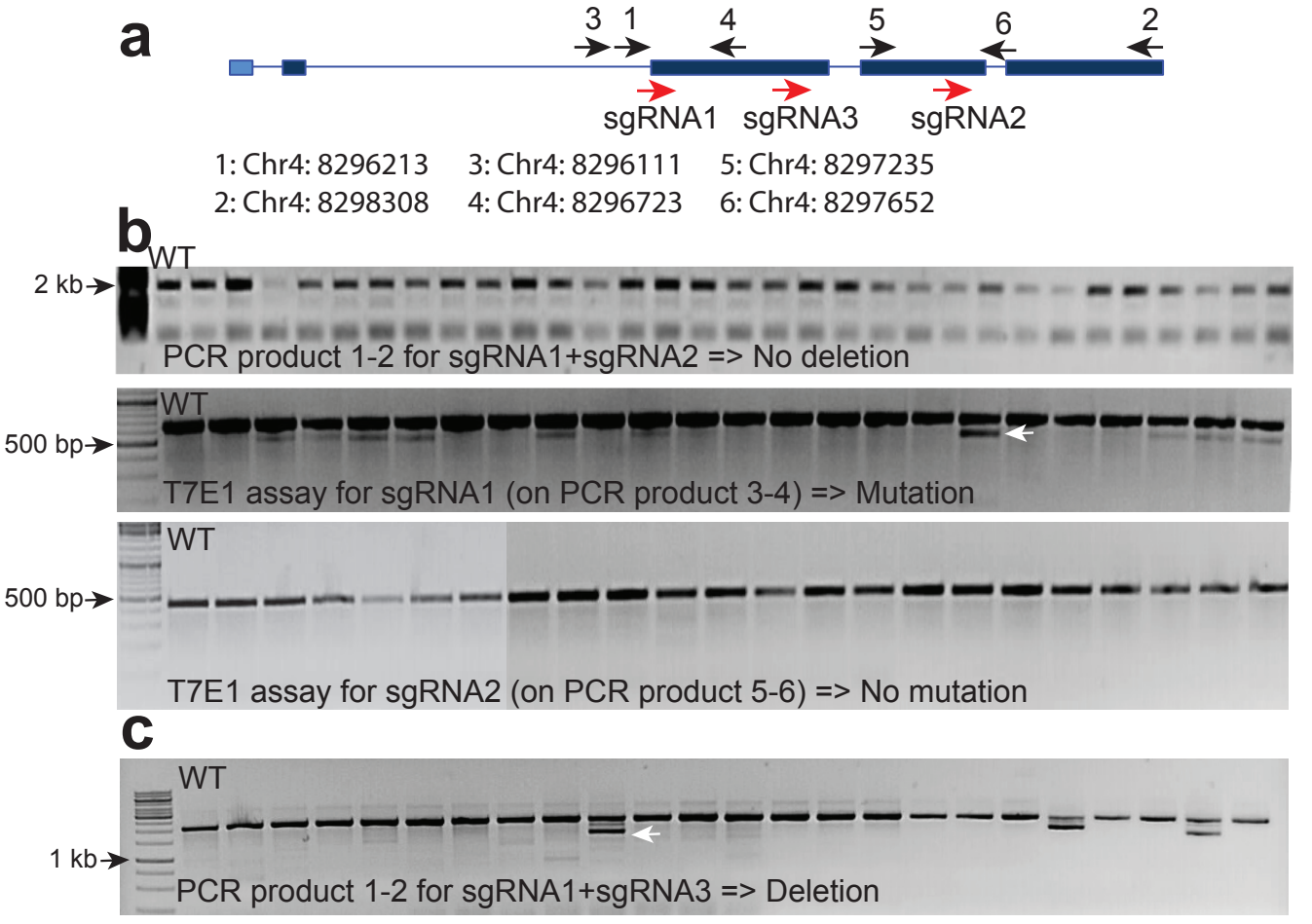
a
3
1
4
5
6
2
sgRNA1
sgRNA3
sgRNA2
1: Chr4: 8296213
2: Chr4: 8298308
3: Chr4: 8296111
4: Chr4: 8296723
5: Chr4: 8297235
6: Chr4: 8297652
b
WT
2 kb
PCR product 1-2 for sgRNA1+sgRNA2 => No deletion
WT
500 bp
T7E1 assay for sgRNA1 (on PCR product 3-4) => Mutation
WT
500 bp
T7E1 assay for sgRNA2 (on PCR product 5-6) => No mutation
c
WT
1 kb
PCR product 1-2 for sgRNA1+sgRNA3 => Deletion