

PCR SST1KO

1- PCR mix

2,50 µl 10X buffer(Q BIOgene ; 1,5 mM MgCl₂)
 0,25 µl dNTP (20 mM total)
 0,60 µl primer SST1 a (200 ng/µl)
 0,30 µl primer SST1 b (200 ng/µl)
 0,30 µl primer SST1 c (200 ng/µl)
 0,20 µl Taq polymerase (Q BIOgene ; 5U/µl)
 18,85 µl distilled water

2- PCR reaction :

23,0 µl mix
 2,0 µl DNA (200ng/µl)

3- PCR program :

5 min	94°C	
30 sec	94°C	
30 sec	68°C	35 cycles
1 min	72°C	
5 min	72°C	

4- Primers:

- Primer SST1 a 5' CCCAGCCGGAGCCGCACC 3'
 - Primer SST1 b 5' CAGTGGCGCAACAGCGTGG 3'
 - Primer SST1 c 5' GGGCCAGCTCATTCTCC 3'

5- Amplifications:

wild-type allele: 404 bp
 mutant allele: 270 bp