

PCR conditions: GEN65

1. 94 for 3 min
2. 94 for 30 sec
3. 65 for 30 sec
4. 72 for 30 sec
5. go to 2 39 times
6. 72 for 7 min

pre cre primers

For 1 ml stock (10X):
50 ul 100 pmol/ul stock of FE1
50 ul 100 pmol/ul stock of FE4
900 ul TE or H₂O

FE1 = GGATGCGGTCTTTATTGTC
FE4 = TGGCATGCTGCCGAATTG

Expected bands

WT-640 HET- 640bp + 708bp KO- :~708

Post cre primers

For 1 ml stock (10X):
50 µl 100 pmol/µl stock of ma9
50 µl 100 pmol/µl stock of a5
900 µl TE or H₂O

ma9 = ACACACTGCATCAATGGC post-Cre : 544 bp
a5 = GCTGCCGAATTGCTAGGTAAGC