

p110a

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

With cassette primers

For 1 ml stock (10X):

- 50 µl 100 pmol/µl stock of ma36
- 100 µl 100 pmol/µl stock of ma47
- 50 µl 100 pmol/µl stock of NeoF2
- 800 µl TE or H₂O

Ma36	CCTAAGCCCTTAAAGCCTTAC
Ma47	ACTGCCATGCAGTGGAGAAGCC
Neo F2	CTGTCATCTCACCTTGCTCC

Expected bands

WT- 574bp	HET- 689bp + 574bp	KO- 689bp
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Without cassette primers

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ma47	ACTGCCATGCAGTGGAGAAGCC

Expected bands

WT- 574bp	HET- 751bp + 574bp	KO- 751bp
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