

PCR Hmox1 neo

1- PCR reaction	Taq Buffer 10x	2 µl
	MgCl ₂ 25mM	1.2 µl
	dNTPs	1 µl
	Primer Hmoxn_f (5pmol/ul)	1 µl
	Primer Hmoxn_r (5pmol/ul)	1 µl
	Taq pol	0.2 µl
	DNA	1 µl
	sdH ₂ O	12.6 µl

2- PCR program :

94°C for 4:00

52°C for 0:45

72°C for 1:30

93°C for 0:45

50°C for 0:45 30 cycles

72°C for 1:00

72°C for 10:00

16°C for 5:00

3- Primers:

- Primer Hmoxn_f: 5' TGG TTC TAA GTA CTG TGG TT 3'

- Primer Hmoxn_r: 5' TGA GAA CAG AGT ACC TAC AT 3'

4- Amplifications:

wild-type allele: no product

floxed allele with neo: 453 bp