

Genotyping H126 (Pdgra-CreER^{T2})

PCR mix:

House Taq	1.0 µl
10x PCR Buffer	2.5 µl
25mM MgCl ₂	2 µl
20mM dNTPs	0.25 µl
ATG Cre up	0.3 µl
ATG Cre low	0.3 µl
H ₂ O	17.35 µl
DNA	2 µl

Amplification programme:

Use Eppendorff (FJCre) or MWG (E195):

94°C 4mins

94°C 30sec

61°C 45sec x41

72°C 1min

72°C 10mins

10°C forever

PCR products expected:

WT None

+/Tg ~500 bp

Tg/Tg ~500 bp

Primers:

ATG Cre up CAG GTC TCA GGA GCT ATG TCC AAT TTA CTG ACC GTA

ATG Cre low GGT GTT ATA AGC AAT CCC CAG AA