

Genotyping H142 (Dbx1-iCre)

PCR mix:

House Taq	1.0 µl
10x PCR Buffer	2.5 µl
25mM MgCl ₂	1.5 µl
20mM dNTPs	0.25 µl
Dbx1GenF1	0.2 µl
Dbx1GenR1	0.2 µl
H ₂ O	17.35 µl
DNA	2 µl

Amplification programme:

Use Eppendorf (UDF154) or MWG (F154-1MIN):

94°C 4mins

94°C 30sec

59°C 45sec x37

72°C 1min

72°C 10mins

10°C forever

Also E162 programme:

94°C 4mins

94°C 30sec

60°C 45sec x36

72°C 1min30sec

72°C 10mins

10°C forever

PCR products expected:

WT None

+/Tg 733 bp

Tg/Tg 733 bp

Primers:

Dbx1GenF1 GAA ACC TGG ACT CTG AGA CTG GG

Dbx1GenR1 GAG AGA AAT CGC TTC CTC CCG