

Modified EphrinB2-LacZ Genotyping (PD 03/11)

Primers:

EphrinB2 Fwd (in 5' UTR):

GAGTGCGCAGAACTGGGAG (Tm60)

Tau Rev (in Tau part of Tau-lacZ insert):

ATCCACTAAGGGTGCTGTCG (Tm60)

Genotyping:

TauLacZ insert present=239 bp

PCR Conditions:

10x Coral Load Buffer (Qiagen)	2.5µl
dNTPs (10mM stock)	0.5µl
Q solution	2.5µl
EphrinB2 Fwd [20µM stock]	0.5µl
Tau Rev [20 µM stock]	0.5µl
Qiagen Taq	0.25µl
DNA	1µl
H2O	17.25µl

PCR Cycle Conditions:

- 1.) 95c 5min
- 2.) 95c 30 sec
- 3.) 58c 30 sec
- 4.) 72c 30 sec
- 5.) Go to step (2) 29 times
- 6.) 72c 5 min

