

Emerald (Em) Genotyping

<Primer sequences>

Egfr 51F ATA TTT AAG GGC CCC ACA GC

Egfr 398R TCC AAT GGA CAA TGT TCT CG

EmG 266R GAA CTT CAG GGT CAG CTT GC

<Expected size>

Em 216 bp

WT 348 bp

Reagents	ul
ddH ₂ O	7.8
RedTaq mix	10
Egfr 51F	0.4
Egfr 398R	0.4
EmG 266R	0.4
Sample	1

<Cycling condition>

1 95 C 5 min

2 95 C 30 sec

3 58 C 45 sec

4 72 C 1 min 30 sec

5 go to “2” add 34 cycles

6 72 C 5 min

7 4 C hold