

EM05941_genotyping

Cdk2-3B8: 5'-CAAGTTGACGGGAGAAGTTGTG
Cdk2-3B9: 5'-GAAGACCCTCCAGGTGAATGAA
Cdk2-IN3R3: 5'-GCGATAAGCTTCGAGGGACC

3B8+3B9 will amplify the WT allele (560 bp)
3B8+IN3R3 will amplify the KO allele (360 bp)

PCR conditions are as follows:

94 x 2 min (denaturing)
94 x 30 sec
60 x 30 sec
72 x 30 sec
(30 cycles)
72 x 5 min (extension)