F1: CCCAGGACCTACCAGAATCT
R1: ATTCAGGCTGCGCAACTGTTGGG
R2: GTAAAGTCTGTACTCCAGGAACA

The above primers are used for genotyping. The primer pair F1:R1 works only in the presence of a WT allele. When there is a genetrap allele present, F1:R2 primer pair works.

The science behind this protocol is shown diagrammatically below: