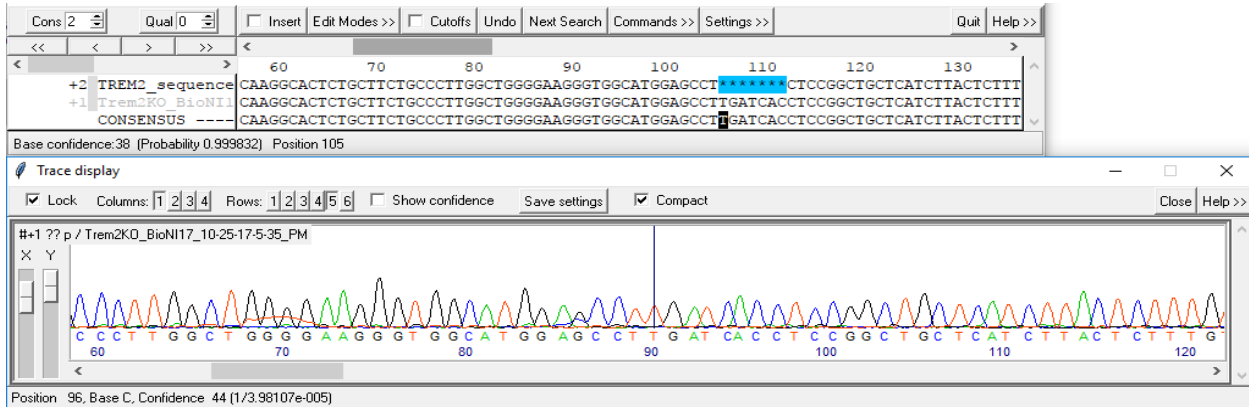


Sequencing analysis:

Screening Primers (523 bp; 200 and 300 bp after digestion with BclI)

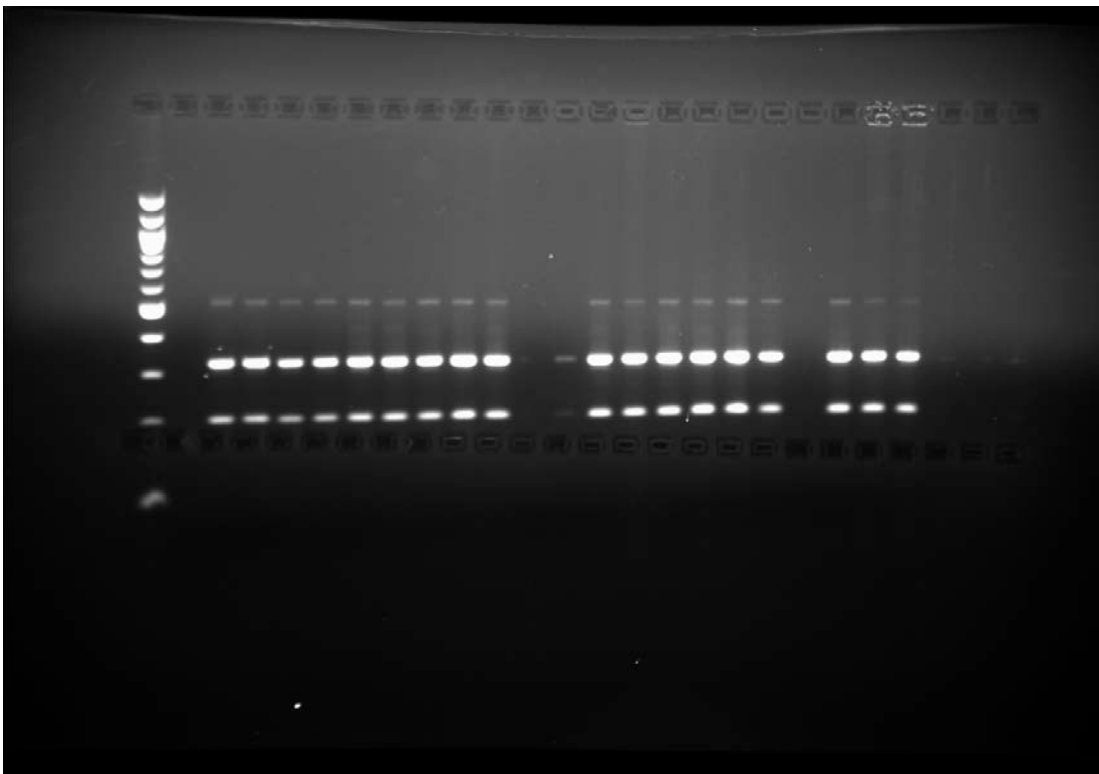
TREM2ex1KO_fw primer CTCCTCCTCCCCCTCTGTCC

TREM2ex1KO_rv Primer TGGGATGCCACTGTTAGCAC



Sequencing of TREM2 KO cl. 15-1, 31-3 showed a homozygous insert of TGATCAC resulting in a stop codon and an out of frame mutation

Clonal purity assessment



24 single clones were picked and analyzed by PCR and BclI digestion. All clones were completely digested, verifying that the original clone is pure