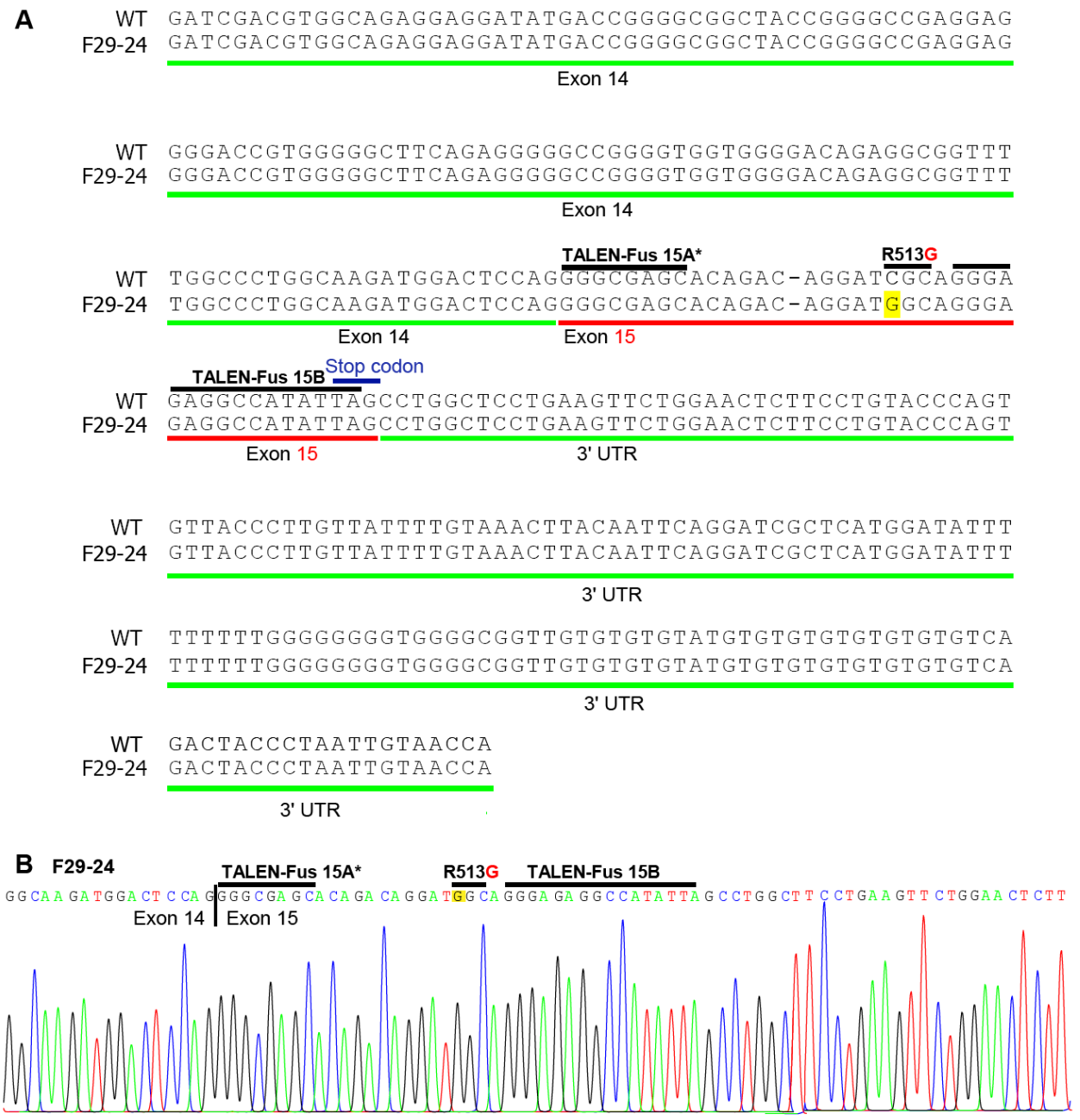

Figure S4 Sequence analysis of *Fus*^{R513G} cDNA.
(A) Sequence comparison of the cloned PCR product representing 341 bp of the *Fus* cDNA sequence, including exon 14, exon 15 and 3´UTR sequences, derived from the mutant pup F29-24 in comparison to wildtype cDNA sequence. **(B)** Chromatogram showing the sequencing peaks of the cloned PCR product covering the *Fus* codon 513 (nucleotide replacement highlighted in yellow). The positions of exon 14, exon 15, exon boundary, stop codon, 3' UTR, TALEN binding sites and of the R513G replacement are indicated.