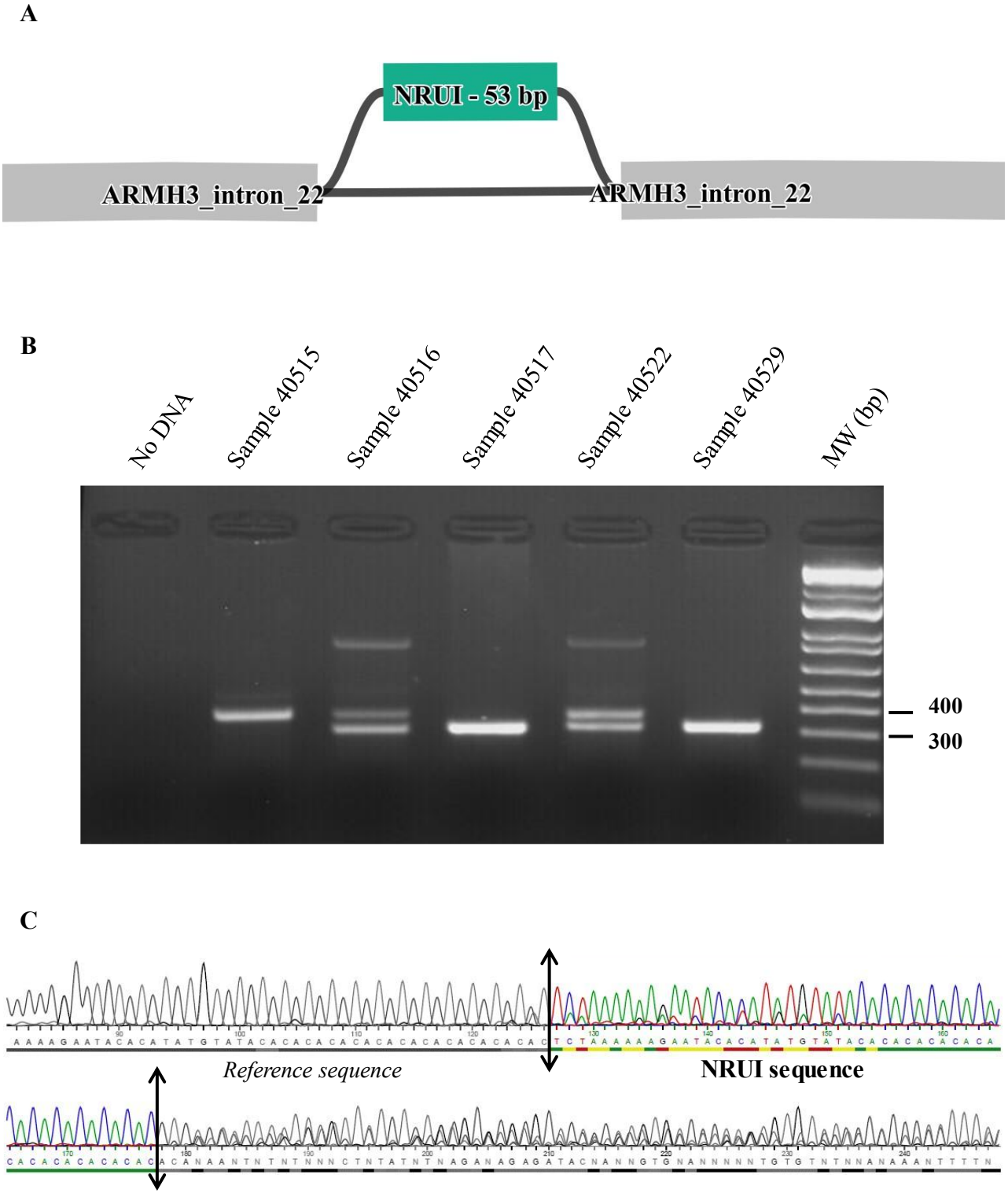

Fig. S9. (A) Bandage visualisation of the NRUI identified within the *ARMH3* gene. (B) Gel electrophoresis of 5 samples for *ARMH3* NRUI: one homozygous reference sample (40515), two heterozygous samples (40516 and 40522), and two homozygous samples for the NRUI (40517 and 40529). (C) Sanger sequencing of the *ARMH3* NRUI sequence and its breakpoints.

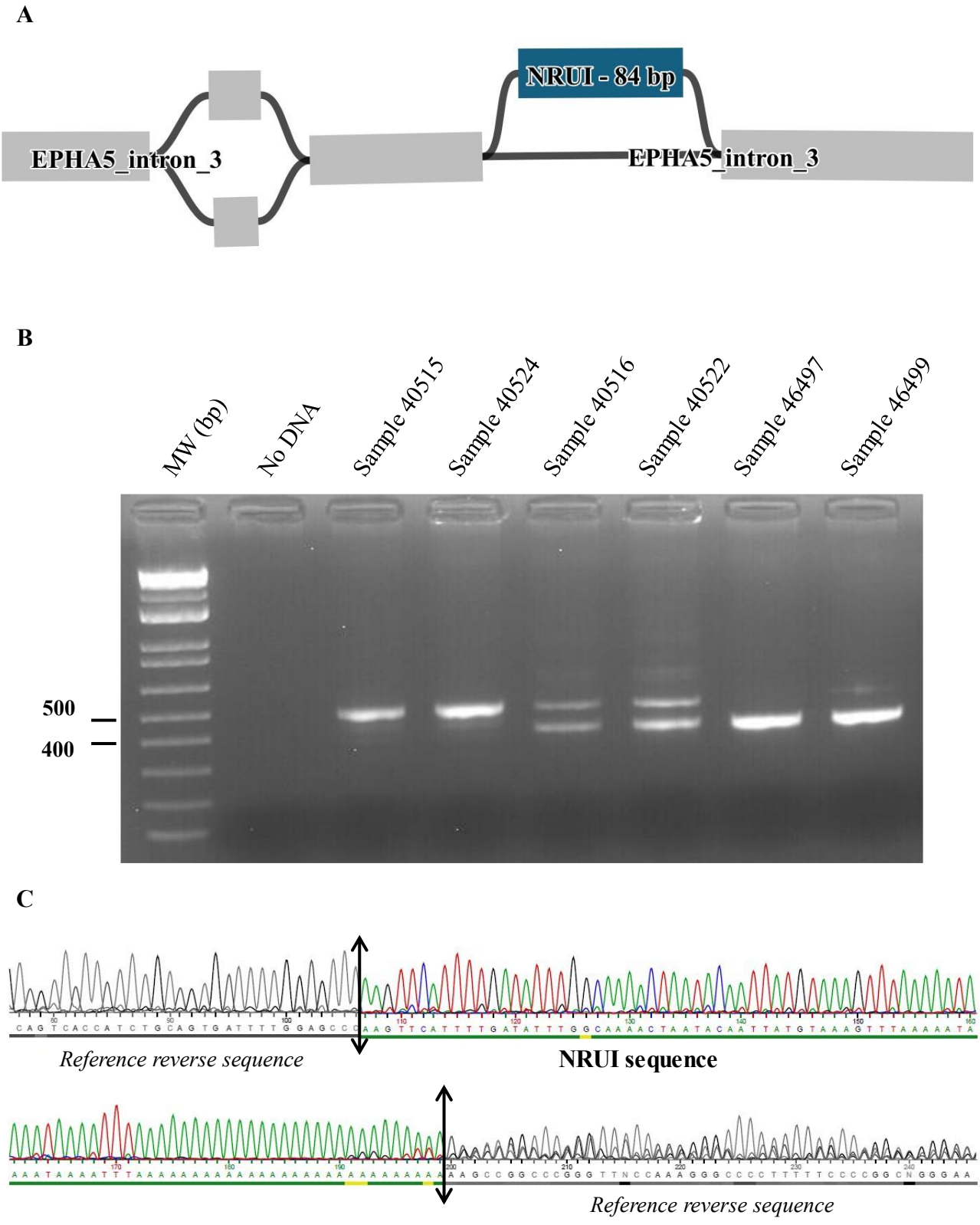

Fig. S10. (A) Bandager visualisation of the NRUI located within the *EPHA5* gene. (B) Gel electrophoresis of 6 samples for *EPHA5* NRUI: two homozygous reference samples (40497 and 46499), two heterozygous samples (40516 and 40522), and two homozygous samples for the NRUI (40515 and 40524). (C) Sanger sequencing of the *EPHA5* NRUI sequence and its breakpoints.