

Title: Supplementary Data 1

Description: *P* values for WT, BE3, YE1-BE3-FNLS or ABE7.10^{F148A} group compared to GFP group from birth to 66 weeks.

Title: Supplementary Data 2

Description: Deep sequencing of primes for identification of integration sites.

Title: Supplementary Data 3

Description: PCR primes for confirmation of integration sites.