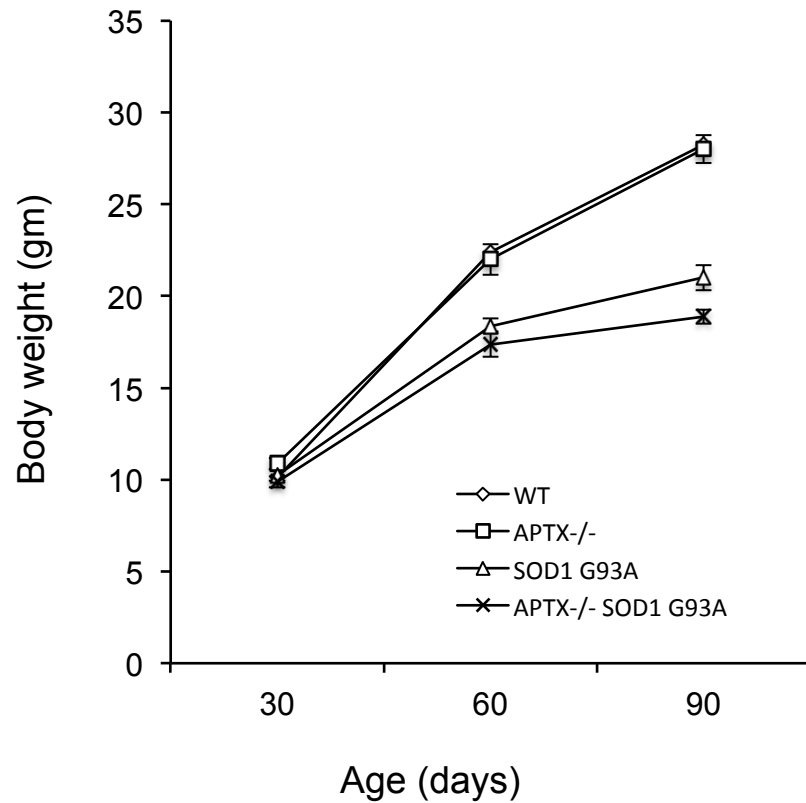


**Supplementary figure 1.** SOD1 G93A MEFs exhibit high senescence rate that is not affected by additional deletion of *Aptx*. Primary MEFs were examined for senescence-associated  $\beta$ -gal (SA- $\beta$ Gal) staining at the indicated passages and  $\beta$ -Gal positive cells were quantified and expressed as % of total cells.



**Supplementary figure 2.** Body weight of littermate mice with the indicated genetic background (n=7).