Figure S3. No significant improvement of survival and fertile G0 rates when applying Cas9 nickase. Using data from Table S3, the average survival and fertile G0 rates are calculated for Cas9 with one sgRNA (Cas9), or for Cas9 nickase with offset sgRNA pairs (Cas9^{D10A} and Cas9^{H840A}). In addition, survival and fertile G0 rates for Cas9 nickase with paired sgRNAs that successfully generated heritable mutants are also calculated (Cas9^{D10A*} and Cas9^{H840A*}). No significant differences are observed among five groups, for either survival rate or fertile rate.