



Figure 5. The breeding strategy for the *Brg1* hypomorph ENU screen. Only mouse chromosome 9 is shown indicating the *cw* locus and *Brg1* loci, which are 1 cM apart. *cw/cw* males were treated with ENU, and bred with wild-type females. Offspring were mated with *Brg1*^{null} heterozygotes, which carried the *cw* allele in *cis* with the null mutation. Resultant offspring were screened for the presence of pups with curly whiskers (in red). (A) Pups were observed with curly whiskers indicating no functional mutation in *Brg1*. (B) One pedigree was found in which no pups had curly whiskers indicating that a mutation had occurred that failed to complement the *Brg1*^{null} allele. A hypomorphic ENU-induced mutation in *Brg1* was later found. (Adapted from Bultman et al. 2005.)