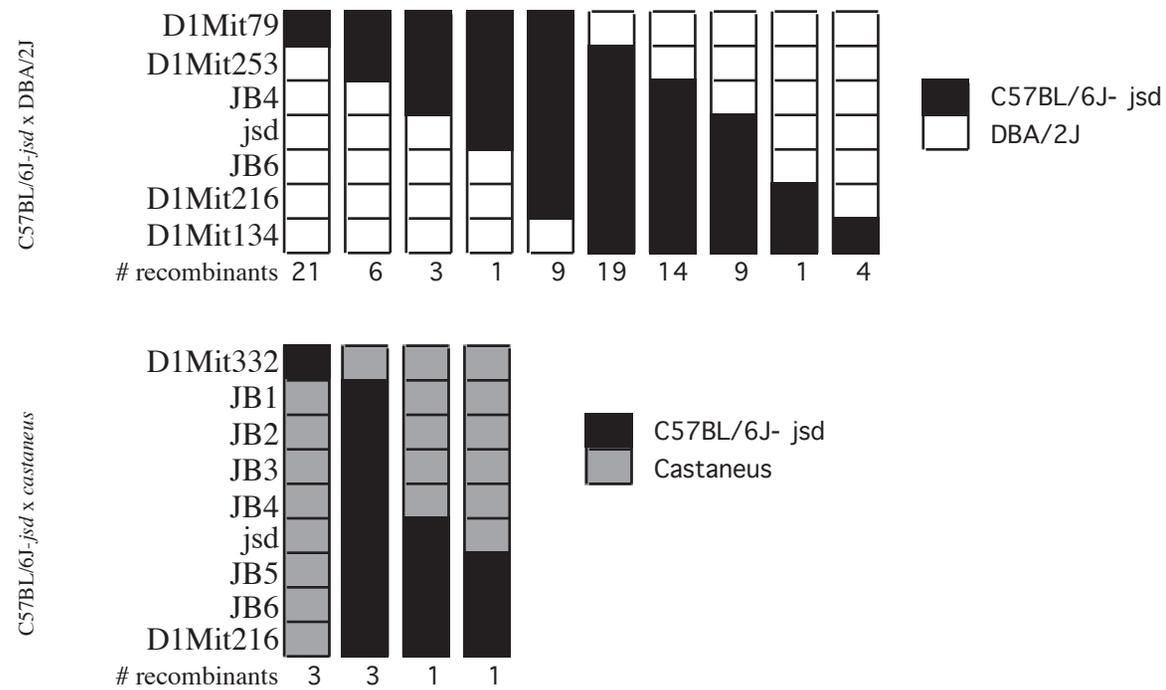
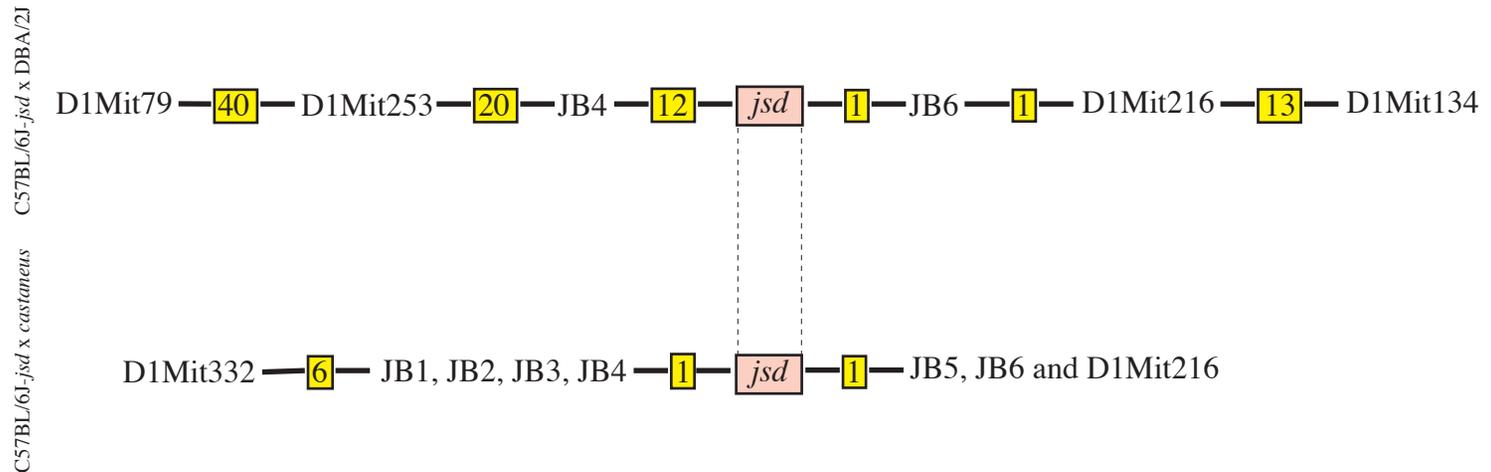


a



b



Supplementary Figure 1. Genetic linkage mapping of *jsd*. (a) Recombinant chromosomes identified among F2 progeny of C57BL/6J-*jsd/jsd* females mated with DBA/2J (above) or *Mus musculus castaneus*/Ei (below) males. For each of the two crosses, genetic markers are listed on the left from proximal (top) to distal (bottom). The columns represent the deduced genotypes of recombinant chromosomes; immediately below are indicated the numbers of each recombinant type observed. (b) Genetic maps emerging from the data presented in part (a). Genetic markers are listed from proximal (left) to distal (right). The numbers of cross-overs observed between markers are highlighted in yellow. Genetic markers that were recombinationally inseparable in the *M. m. castaneus* cross are grouped together there.