



**Figure S2** Genetic map of 6A and 103E IRCs indicating the position and sizes of the SEG-derived segments. The segments of *Mus spretus* origin are displayed in solid while B6 segments are shaded. The strain 6A (A) contains 3 SEG-derived segments on the Chromosomes 13,18 and 19 whereas the strain 103E (B) contains 4 SEG-derived segments on the chromosomes 6, 14 and 19.