

## Supplemental Fig. 1

### **The MOB 5 and 6 congenic loci are concordant to insulin resistance related QTLs in homologous genomic intervals of numerous mouse and rat strains and multiple human populations.**

A) Map of MOB 5 and 6 congenic intervals indicating the shared overlap as well as the intervals unique to each congenic.

B) Map of QTLs for Insulin Resistance Related Traits

Mouse: Boxes show the position of peak lod for QTLs related to cardiovascular complications of insulin resistance. A lighter vertical rectangle shows the boundaries of 2 congenic strains affecting growth and obesity.

Rat: Grey rectangles show concordant QTL interval on rat chromosome 3.

Human: Black rectangles show position of peak markers for syntenic loci on human chromosomes 2, 11, 15, and 20.

## References for Supplemental Fig. 1

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