S8 Fig. Modeling the allelic series of pQTL for *Snx4*, *Tubg1*, and related genes identified through mediation. The allelic series were modeled with TIMBR. (a) Posterior haplotype effects and allelic series for the *Snx4* distal pQTL and the local pQTL for its mediator, *Snx7*. Haploytpe effects are represented as histograms of the posterior samples. Allelic series are represented as circos plots where the opacity of the links represent how often TIMBR assigned founder haplotypes to the same functional allele. (b) Posterior haplotype effects and allelic series for the *Tubg1* and *Tubgcp2* distal pQTL and the local pQTL for their candidate mediators, *Tubgcp3* and *Naxd*. The posterior expected number of functional alleles, k, is included for each pQTL.