

Figure S1 Plots of the ratio of maximum LOD score with iteration to that without against the position of the maximum LOD with iteration, for (a) simulation 1a, with no true QTL present, based on the additive model (b) simulation 2d, with a simplex QTL explaining 5% of the trait variance at 27cM in a population of size 400, based on the additive model (c) simulation 3a, with a simplex QTL explaining 10% of the trait variance at 27cM in a population of size 200, based on the complete model.

