



Figure S10. Simulation study results from set 5 (A) and results from set 6 (B). The true hotspot was located between 15 kb and 16.5 kb for one species and was located between 15.7 kb and 17.2 kb for the other species. The hotspots were indicated by blue horizontal lines. Note that the shared hotspot is between 15.7 kb and 16.5 kb. **Left panel:** The 50% quantile of the BFs of shared hotspots over locations. **Middle panel:** Power (red) and false positive rate (black) of identifying shared hotspot estimated using the 10000 pairs across locations. **Right panel:** False positive rate of identifying shared hotspot as a function of distance to the left bound of the shared hotspot (15.7 kb) (black dots/line) and to the right bound of the shared hotspot (16.5 kb) (green dots/line)