Supplemental Fig. 1. Population strucutre annlysis and linkage disequilibrium of 144

maize inbred lines.

a Estimated LnP(D) in the STRUCUTRE analysis. **b** Estimated Δk in the

STRUCUTRE analysis. **c** Neighbor-joining tree of 144 maize inbred lines. **d**

Linkage disequilibrium across the 10 chromosomes.