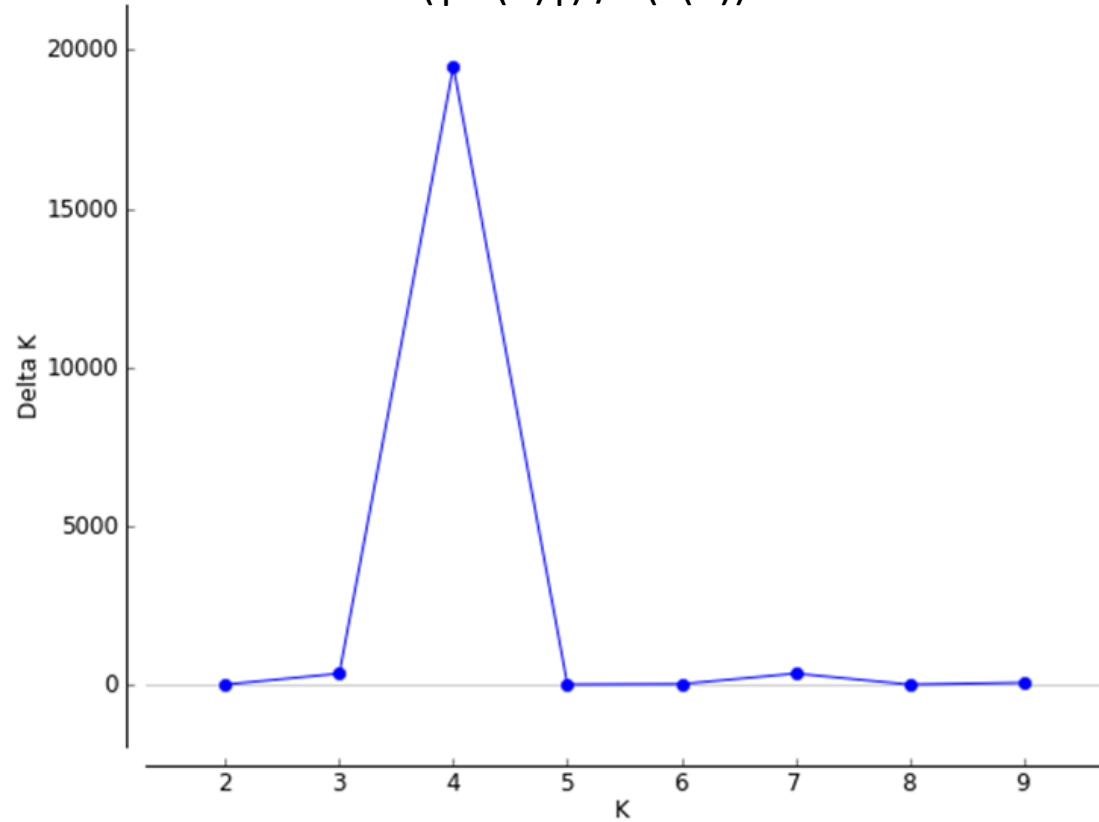


A.

$$\Delta K = m(|L''(K)|) / s(L(K))$$



B.

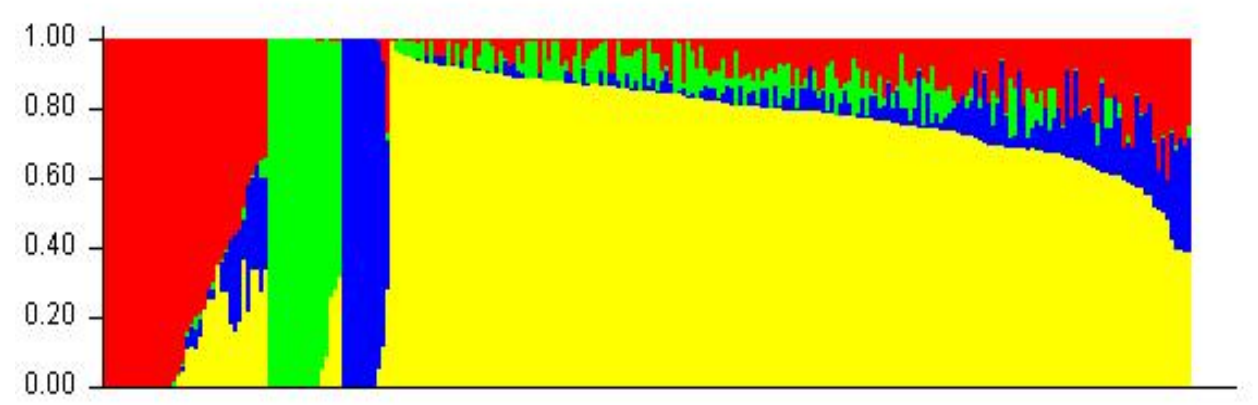


Figure S4. The subpopulations of the 250 maize lines. A. Best delta K estimation by Evanno method; Delta K (ΔK) = $m(|L''(K)|)/s[L(K)]$, where m = means of the absolute values of $L''(K)$, divided by the standard deviation of $L(K)$. B. Estimated population structure of 250 tropical adapted maize recombinant inbred lines as revealed by 19,565 SNP markers for $K = 4$.