

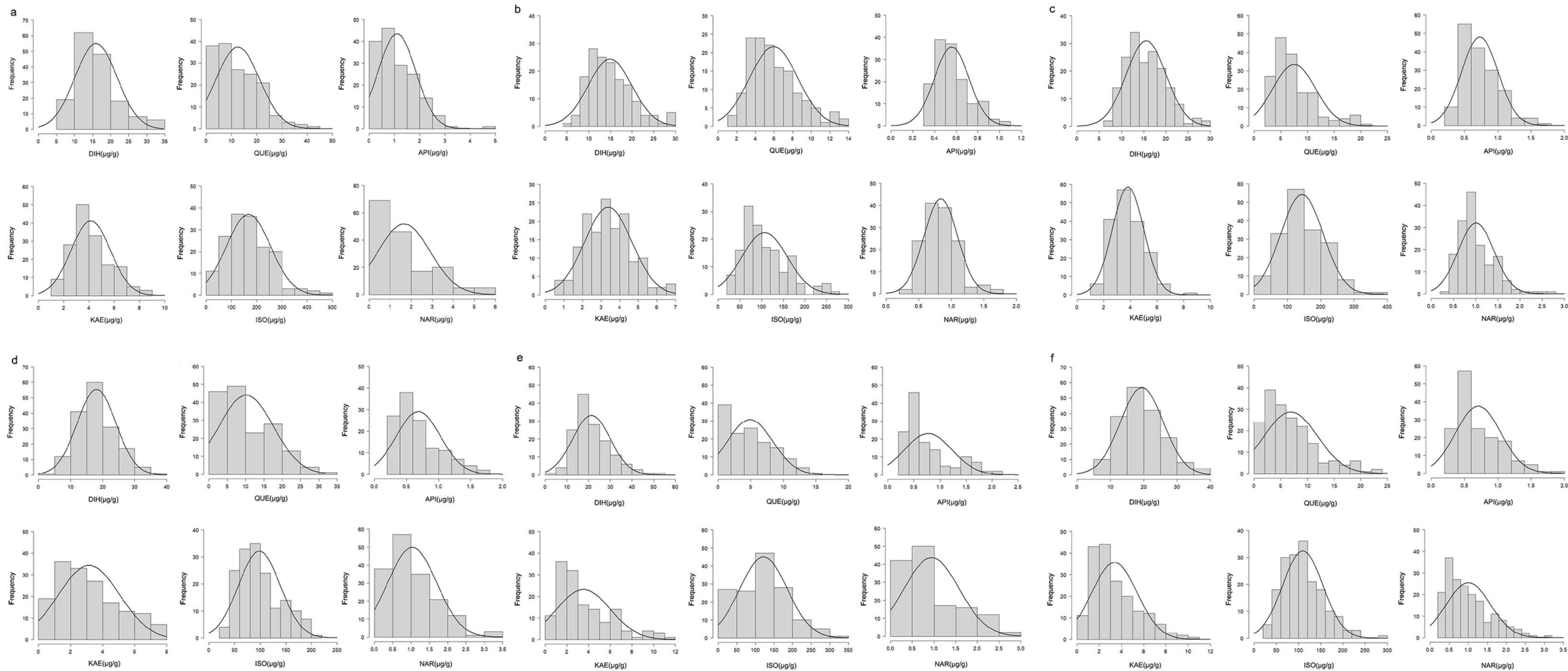


Fig. S1 Frequency distributions of DIH, QUE, API, KAE, ISO and the NAR in various environments between two segregating populations. (a) IL population in ZC environment; (b) IL population in ZH environment; (c) IL population under the BLUP analysis; (d) RIL population in ZC environment; (e) RIL population in ZH environment; (f) RIL population under the BLUP analysis. DIH, dihydrokaempferol; QUE, quercetin; API, apigenin; KAE, kaempferol; ISO, isoquercetin; NAR, naringenin

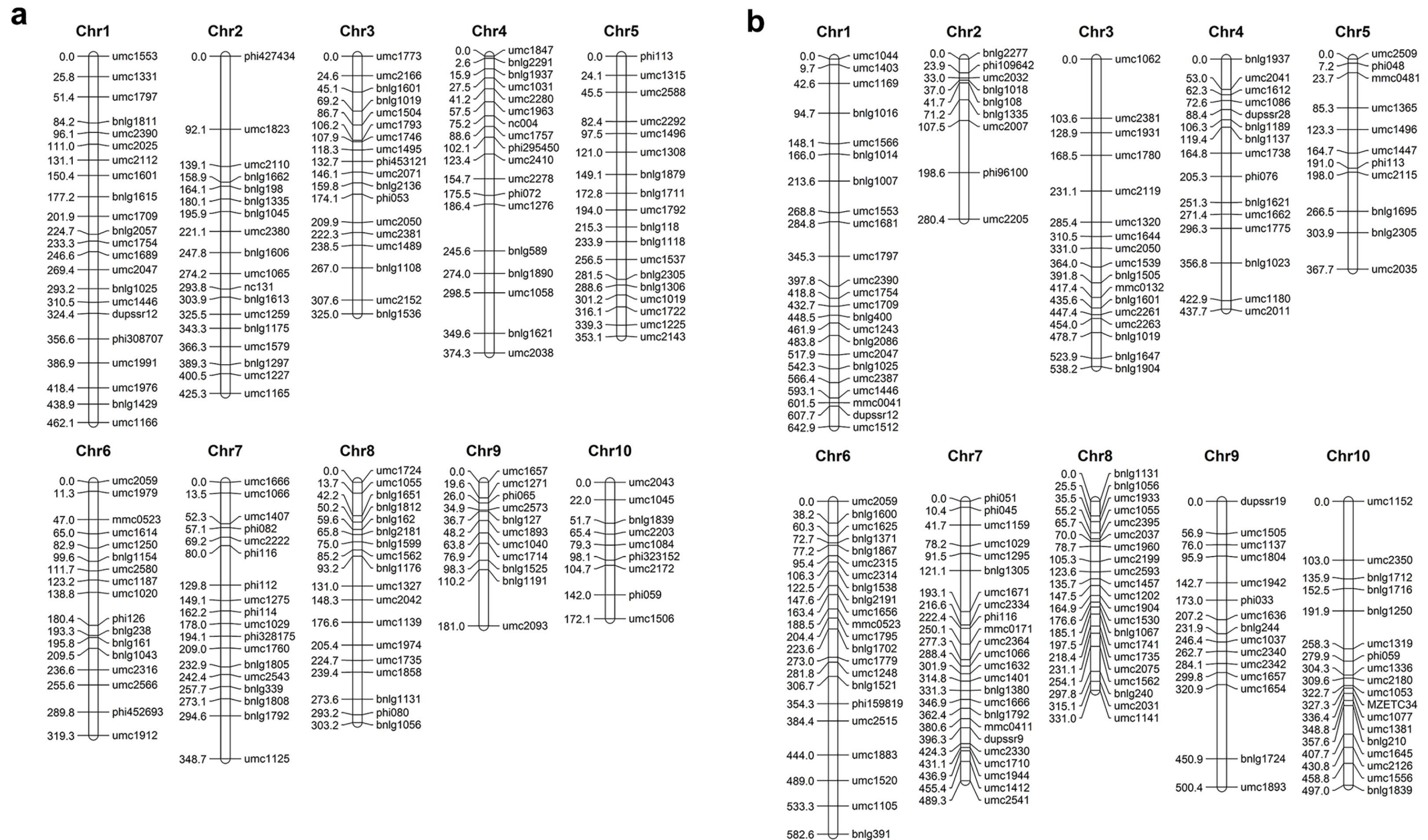


Fig. S2 Distribution of the SSR markers on ten linkage groups of genetic map. (a) introgression line population; (b) RIL population