

**Supplemental Figure 1.** Bar plots of allele frequencies in the wilds and the cultivated sunflowers for the 34 SSRs analyzed in this study. Note that, due to the scale of the y-axis, some bars are not visible for the very lowest allele frequencies.

**Genetic diversity and population structure in cultivated sunflower and a comparison to its wild progenitor, *Helianthus annuus* L.**

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