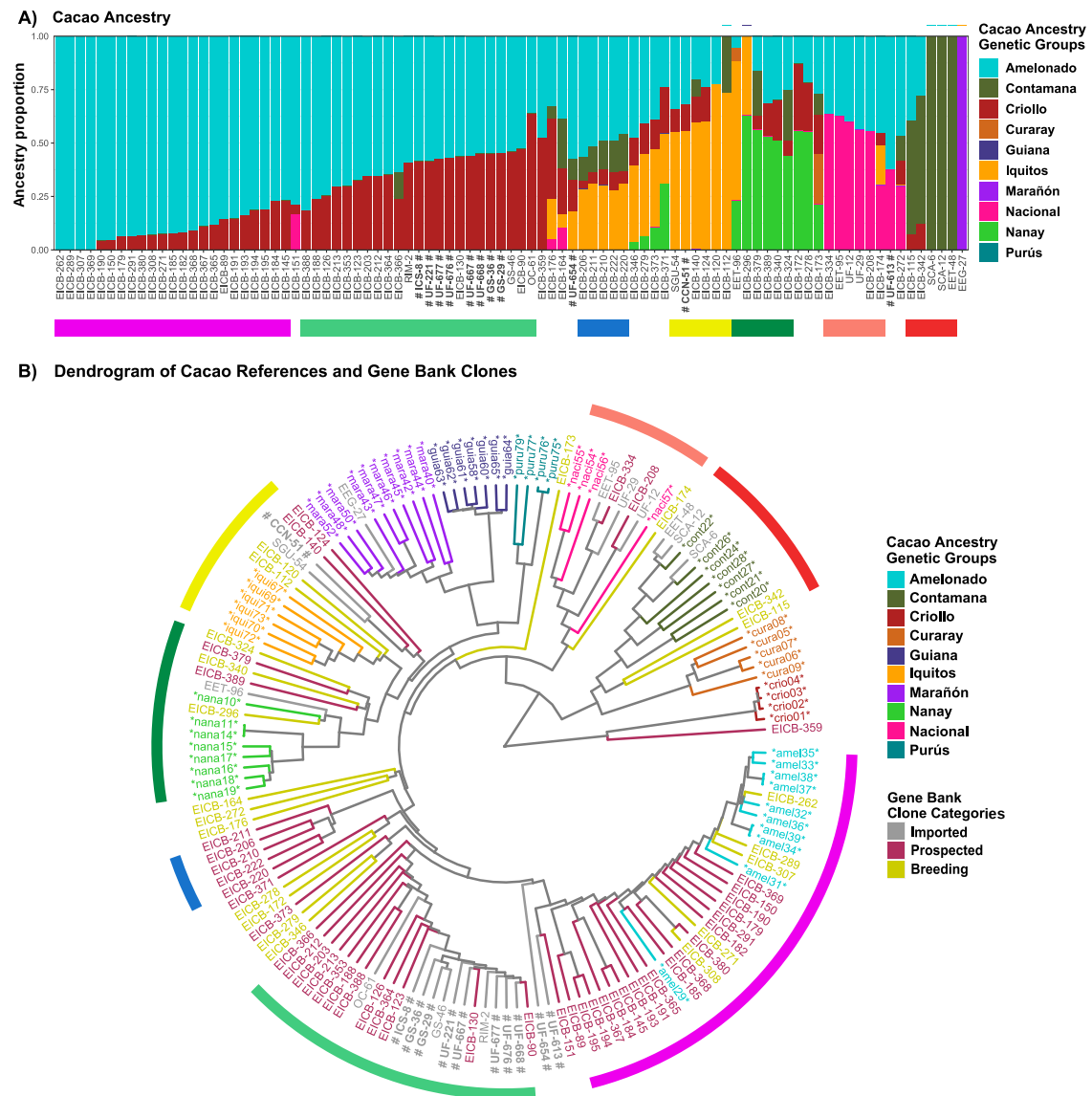


Figure S1. Cacao ancestry in studied clones. The plots include reference plants of the Guiana and Purús cacao ancestries which were not represented in the Figure 1 of the main text to facilitate plot understanding



A) Membership of 89 clones from the CNGB to cacao ancestry genetic groups described by Motamayor et al. [17] (color legend to the right), using ADMIXTURE software run in supervised mode. The colored bars at the bottom represent clones with similar proportion of cacao ancestries.

(B) Dendrogram by UPGMA based on a Hamming distance matrix with the 89 cacao clones from CNGB and the 65 reference plants of cacao ancestry genetic groups. The color of the reference plants (*) is based on cacao ancestry. The colors of the 89 clones from Cuban National Gene Bank are based on their category according to their origin (imported, prospected and derived from breeding). The colored sidebars are based on ADMIXTURE results (Figure 1A) and span reference plants with similar cacao ancestry. Clones from COLCCV are highlighted in bold and with hashtag symbols (#).