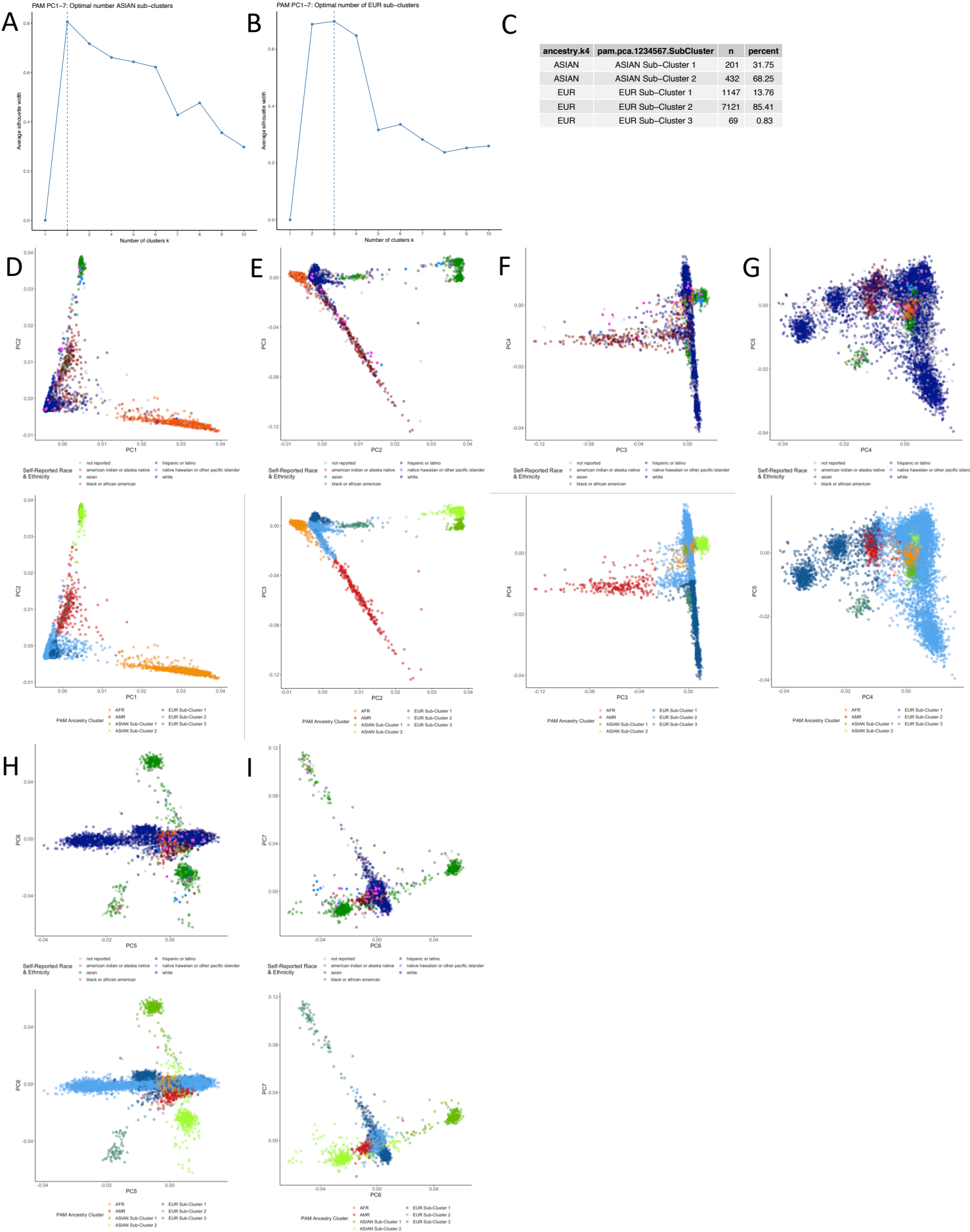


FIGURE S2



UCSF Supplementary Figure 2:

European and Asian clusters show further sub-structure in PC's 1-7. PAM clustering computed (A) within ASIAN ancestry cluster with optimal number of sub-clusters $k=2$ and (B) within EUR ancestry cluster with optimal number of sub-clusters $k=3$ based on average silhouette width. (C) Table indicating number and percent of individuals with ASIAN or EUR ancestry clusters assigned to their respective sub-clusters. (D) PC1 vs. PC2, (E) PC2 vs. PC3, (F) PC3 vs. PC4, (G) PC4 vs. PC5, (H) PC5 vs. PC6, and (I) PC6 vs. PC7 annotated by self-reported race: American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or other Pacific Islander, and White, with self-reported ethnicity for Hispanic or Latino subjects overlaid (top panel) or annotated by ancestry sub-cluster assignment: AFR, AMR, ASIAN Sub-cluster 1 and 2, EUR Sub-cluster 1, 2, and 3 (bottom panel).