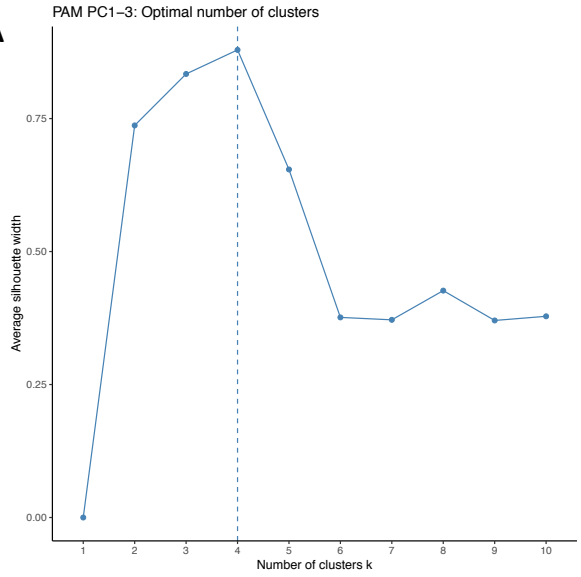
FIGURE S1

A

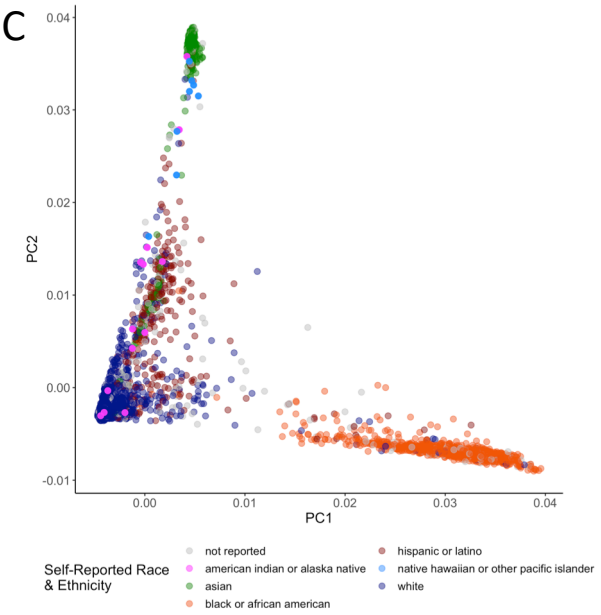


B

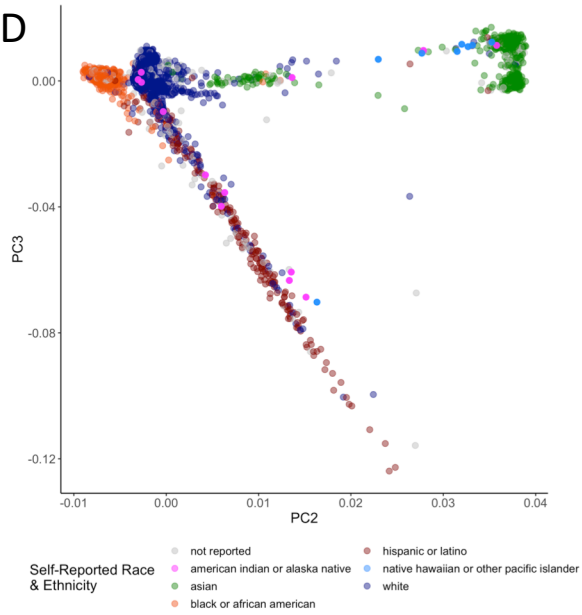
self–reported race	ancestry cluster	n	percent
not reported	AFR	72	6.06
not reported	AMR	49	4.12
not reported	ASIAN	33	2.78
not reported	EUR	1035	87.05
american indian or alaska native	AMR	12	60.00
american indian or alaska native	ASIAN	2	10.00
american indian or alaska native	EUR	6	30.00
asian	ASIAN	578	90.88
asian	EUR	58	9.12
black or african american	AFR	829	97.53
black or african american	AMR	2	0.24
black or african american	EUR	19	2.24
native hawaiian or other pacific islander	AMR	1	11.11
native hawaiian or other pacific islander	ASIAN	8	88.89
white	AFR	27	0.36
white	AMR	164	2.21
white	ASIAN	12	0.16
white	EUR	7221	97.27

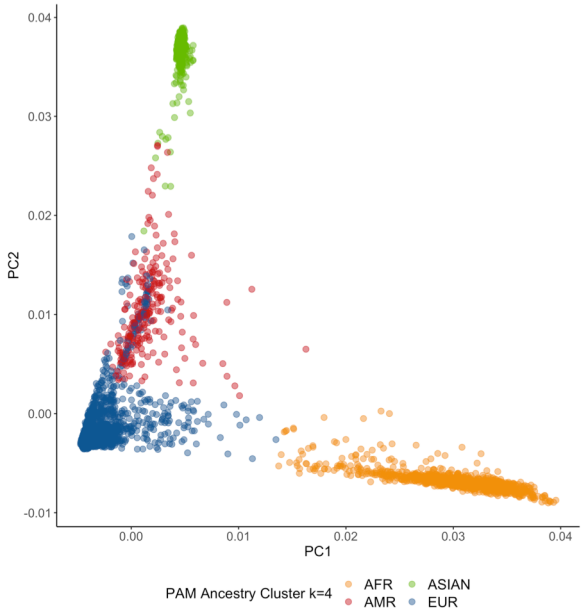
self–reported ethnicity	ancestry cluster	n	percent
not reported	AFR	182	7.67
not reported	AMR	40	1.69
not reported	ASIAN	67	2.82
not reported	EUR	2083	87.82
hispanic or latino	AFR	17	5.28
hispanic or latino	AMR	152	47.20
hispanic or latino	ASIAN	5	1.55
hispanic or latino	EUR	148	45.96
not hispanic or latino	AFR	729	9.81
not hispanic or latino	AMR	36	0.48
not hispanic or latino	ASIAN	561	7.55
not hispanic or latino	EUR	6108	82.16

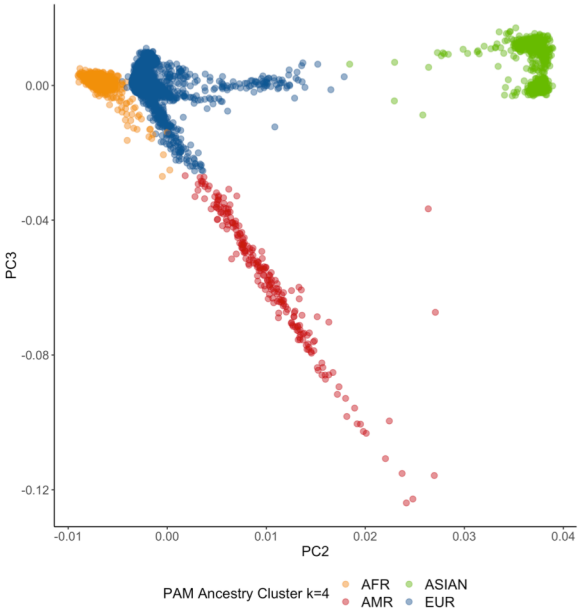
C



D







UCSF Supplementary Figure 1:

Four optimal ancestry clusters based on PCA analysis of genotyping array of 10,128 individuals. (A) Average silhouette widths of partition around medoids (PAM) clustering performed on PC's 1-3 for number of clusters, k=1 to k=10, with optimal number of clusters k=4. (B) Table indicating number and percent of individuals with self-reported race or ethnicity assigned to each of the 4 optimal PAM ancestry clusters. (C) PC1 vs. PC2 and (D) PC2 vs. PC3 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 cluster assignment based on PAM clustering at k=4: AFR, AMR, ASIAN, and EUR (bottom panel).