

**Table S1:** Comparing averaged sample covariates data across ancestries, with p-values obtained from t-test.

<b>Covariates</b>	<b>EA</b>	<b>AA</b>	<b>p-value</b>
Age	29.7	30.1	0.90
Gender (F/M)	3/7	0/10	$2.04 \times 10^{-4}$
Serum 25D concentration (nM)	52.8	35.3	$6.92 \times 10^{-6}$
Serum PTH (pM)	27.6	32.7	0.26
RNA concentration (ng/mL)	53.6	44.0	0.16
RIN	8.2	8.6	0.90

**EA** = European-American, **AA** =African-American, **F** = Female, **M** = Male.