**Supplemental Table. Rare sequence variants (RSVs) in GnRH-associated genes identified in HA women and controls.**

Chrom, chromosome; Ref, reference allele; Alt, alternate allele; Low conf, low confidence. *a*See Supplemental References. *b*Participant and mutation previously reported; cvariant identified in a participant previously reported as mutation negative; dvariant identified in a participant previously reported with a heterozygous *ANOS1* RSV;(29) eHomozygous variant in one participant

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