

Table S3. Clinical data for family members of probands 10, 13 and 14

Proband 10						
Proband Genotype	Minor allele frequency	Maternal phenotype	Maternal genotype	Paternal phenotype	Paternal genotype	Consanguinity
TAC3_ c.209-1G>C Homozygous	0.1% African/African American; known founder mutation in the Congolese population (1)	Delayed puberty, AAM 15.5 yrs	TAC3_ c.209-1G>C Heterozygous	Not available	Not available	Not known, but parents both from families originally from the same geographical region of Congo
Proband 13 & 14						
Genotype	Minor allele frequency	Maternal phenotype	Maternal genotype	Paternal phenotype	Paternal genotype	Consanguinity
GNRHR_ c.317A>G_p.Q106R Homozygous	0.4% Non-European Finnish	Delayed puberty, B2 14 yrs, AAM 16 yrs	GNRHR_ c.317A>G_p.Q106R Heterozygous	Self-recalled normal age of puberty onset	GNRHR_ c.317A>G_p.Q106R Heterozygous	Nil

Reference

1. Young J, Bouligand J, Francou B, Raffin-Sanson ML, Gaillez S, Jeanpierre M, et al.

TAC3 and TACR3 defects cause hypothalamic congenital hypogonadotropic hypogonadism in humans. *The Journal of clinical endocrinology and metabolism.* 2010;95(5):2287-95.