

Supplementary Table 1. Associations of CAG biallelic mean with PCOS, restricted to pre-menopausal subjects

	PCOS	Controls	Odds Ratio (95% CI)	P value ^a
Combined cohort (n=516)				
Biallelic mean < median	50.2%	41.5%	1.98 (1.25-3.13)	0.0038
X-weighted biallelic mean < median	54.3%	46.7%	1.70 (1.08-2.68)	0.022
Whites (n=409)				
Biallelic mean < 22	48.9%	40.3%	1.66 (0.98-2.82)	0.059
X-weighted biallelic mean < 22	55.1%	46.6%	1.72 (1.02-2.91)	0.042
Blacks (n=101)				
Biallelic mean < 20	59.5%	44.1%	3.38 (1.21-9.42)	0.020
X-weighted biallelic mean < 20	48.6%	47.0%	1.45 (0.56-3.73)	0.44

^aP values from logistic regression. In all analyses, covariates included age and BMI. In the combined group, race was also taken as a covariate.