

Supplementary Table 1. Comparison of two allele subgroups

Variable	AA (n=72)	AC and CC (n=25)	P-value*
IGF-1 SDS before GnRHa treatment	0.81±1.03	0.63±0.80	0.421
IGF-1 SDS after GnRHa treatment	0.58±0.87	0.18±0.80	0.049
ΔIGF-1 SDS	-0.23±0.68	-0.44±0.56	0.163
IGFBP-3 SDS before GnRHa treatment	3.44±1.16	2.80±0.81	0.012
IGFBP-3 SDS after GnRHa treatment	2.46±0.79	1.75±0.99	0.001
ΔIGFBP-3 SDS	-0.98±0.95	-1.04±1.11	0.782
IGF-1/IGFBP-3 before GnRHa treatment	60.09±17.03	62.51±14.09	0.525
IGF-1/IGFBP-3 after GnRHa treatment	60.56±17.48	60.35±14.79	0.958
ΔIGF-1/IGFBP-3 ratio	1.03±0.25	0.98±0.24	0.410
Height SDS before GnRHa treatment	1.20±0.80	1.14±0.77	0.726
Height SDS after GnRHa treatment	1.09±0.77	1.02±0.71	0.703
ΔHeight SDS	-0.11±0.17	-0.11±0.19	0.947

Values are presented as mean±standard deviation.

IGF-1, insulin like growth factor 1; SDS, standard deviation score; GnRHa, gonadotropin-releasing hormone agonist; IGFBP-3, insulin-like growth factor binding protein 3.

*P<0.05 compared between the 2 allele subgroups.