

**Table SI. Demographic and clinical data for the patients with acne and controls**

	Acne patients (n = 104)	Controls (n = 112)	p-value
Gender, female/male, n	47/57	67/45	
Age, years, mean (quartiles)	25 (20, 33)	35 (23, 46)	
Age ( $\leq 24/\geq 25$ years), n	51/53	32/80	
Ionized Ca <sup>2+</sup> serum levels, median (quartiles)	1.21 mM (1.16 and 1.24)	1.16 mM (1.14 and 1.21)	< 0.0001
Aged $\leq 24/\geq 25$ years, median (quartiles)	1.22 mM (1.19 and 1.27)/ 1.19 mM (1.15 and 1.21)		< 0.001
1,25(OH)2D3 serum levels, median (quartiles)	0.31 nM (0.18 and 0.51)	0.24 nM (0.15 and 0.55)	ns
Aged $\leq 24/\geq 25$ years, median (quartiles)	0.25 nM (0.16 and 0.50)/ 0.38 nM (0.26 and 0.54)		0.012