

**Supplementary Table 1.** Comparison of IL-6, IL-8 and ACAT1 expression in patients with prurigo pigmentosa and the control subjects

patient No.	patient IL-6 (epidermis)	control IL-6 (epidermis)	patient IL-6 (dermis)	control IL-6 (dermis)	patient IL-8 (epidermis)	control IL-8 (epidermis)	patient IL-8 (dermis)	control IL-8 (dermis)
1	2+	2+	3+	3+	2+	2+	3+	1+
2	3+	2+	1+	1+	3+	2+	1+	1+
3	2+	3+	1+	1+	2+	2+	1+	2+
4	3+	2+	2+	2+	3+	2+	2+	2+
5	2+	1+	2+	1+	1+	2+	2+	1+
6	2+	3+	1+	1+	2+	1+	2+	2+
P-value	0.617		0.153		0.607		0.574	

patients No.	patient(ACAT1)-epidermis	control (ACAT1)-epidermis	patient (ACAT1)-dermis	control (ACAT1)-dermis
1	1+	1+	1+	1+
2	2+	1+	1+	1+
3	1+	1+	1+	1+
4	2+	1+	2+	1+
5	1+	1+	1+	1+
6	1+	1+	1+	1+
P-value	0.145		0.341	

\*Mann–Whitney *U*-test; IL: interleukin, ACAT1: Acetyl-CoA acyltransferase 1.