

Table SIV. Analysis of the immunostained skin biopsies of normal controls' skin and psoriatic patients' lesional and non-lesional skin

Antibody/localization	Control (n = 5)	Psoriasis lesion (n = 10)	Non-lesional skin (n = 10)	p-value ^a	p-value ^b	p-value ^c
<i>Immunopositive cells</i>						
IL-17A/epidermis	0 (0-0) ^d	0 (0-0.25)	0 (0-0)	0.524	0.500	1.000
IL-17A/dermis	2.0 (1.25-7.5)	8.17 (6.13-12.5)	3.0 (2.38-4.5)	0.036	0.004	0.657
CD3/epidermis	1.0 (0.5-3.0)	24.5 (13.75-46.0)	0 (0-1.0)	0.001	0.002	0.068
CD3/dermis	21.5 (12.0-26.5)	80.42 (44.25-104.75)	4.75 (3.38-8.63)	0.001	0.002	0.005
CD4/epidermis	0 (0-1.5)	6.5 (5.0-13.0)	0 (0-0)	0.001	0.002	0.333
CD4/dermis	31.0 (27.1-40.75)	125.25 (93.88-160.5)	11.25 (9.13-19.75)	0.001	0.002	0.008
CD8/epidermis	0.5 (0-1.0)	15.0 (9.25-39.75)	0.5 (0-1.0)	0.001	0.002	1.000
CD8/dermis	13.5 (4.5-17.0)	43.5 (36.38-60.38)	3.75 (3.38-5.5)	0.001	0.002	0.082
FoxP3/epidermis	0 (0-0)	2.5 (1.0-6.5)	0 (0-0)	0.003	0.008	1.000
FoxP3/dermis	4.0 (3.25-5.0)	26.0 (12.0-58.0)	2.0 (0.5-3.88)	0.001	0.002	0.072
<i>Immunopositive keratinocyte nuclei</i>						
GRa/epidermis	50.0 (40.0-60.0) ^e	80.0 (72.5-90.0)	62.5 (47.5-70.0)	0.002	0.004	0.194
GR β /epidermis	60.0 (47.5-62.5)	55.0 (43.75-61.25)	55.0 (45.0-65.0)	0.763	0.930	0.792

^aControl vs. psoriasis, calculated by Mann-Whitney test. ^bLesional vs. non-lesional skin in same patient, calculated by Wilcoxon signed-rank test. ^cControl vs. non-lesional sample from psoriatic patient, calculated by Mann-Whitney test. ^dNumber of immunopositive cells /20 \times field image; median (interquartile range). ^ePercentage of immunopositive keratinocyte nuclei; median (interquartile range).