

Table S1. Semi-quantitative extracellular epidermal calcium distributions, determined using ion capture cytochemistry

Extracellular Calcium Concentration						Species, Reference
SB	SS	Lower SG	Upper SG	Lower SC	Upper SC	
++	++	+++	+++	+++	0	Human, [1]
++	++	++	+++	+	0	Human, [2]
Low	Very low	High	High	High-Low	Low	Mouse, [3]

References

1. Menon G, Elias P (1991) Ultrastructural localization of calcium in psoriatic and normal human epidermis. *Arch Dermatol* 127: 57-63.
2. Vičanová J, Boelsma E, Mommaas A, Kempenaar J, Forslind B, et al. (1998) Normalization of epidermal calcium distribution profile in reconstructed human epidermis is related to improvement of terminal differentiation and stratum corneum barrier formation. *J Invest Dermatol* 111: 97-106.
3. Menon G, Grayson S, Elias P (1985) Ionic calcium reservoirs in mammalian epidermis: Ultrastructural localization by ion-capture cytochemistry. *J Invest Dermatol* 84: 508-512.