

**Supplemental Table 2. qPCR data on *LCE* gene expression in epidermis of uninvolved and involved psoriatic skin**

HUGO symbol	mRNA <i>in vivo</i>		Ratio Relative Q	P value <sup>4</sup>
	dCt <sup>1</sup> uninvolved <sup>2</sup>	dCt involved <sup>3</sup>	involved/uninvolved	
<b><i>LCE1 group</i></b>				
LCE1A	5.0	6.4	0.46	0.171
LCE1B	4.6	8.6	0.08	<b>0.016</b>
LCE1C	4.1	6.6	0.19	<b>0.021</b>
LCE1D&E	6.5	7.8	0.58	0.307
LCE1F	7.0	10.8	0.11	<b>0.042</b>
<b><i>LCE2 group</i></b>				
LCE2A	5.0	6.2	0.68	0.345
LCE2B	3.8	7.8	0.05	<b>0.033</b>
LCE2C	5.2	7.3	0.29	0.076
LCE2D	4.6	7.9	0.19	0.066
<b><i>LCE3 group</i></b>				
LCE3A	9.5	6.0	6.2	0.053
LCE3C	13.9	9.7	57	0.114
LCE3D	4.3	3.4	2.3	0.158
LCE3E	6.1	5.0	3.5	0.295
<b><i>LCE5 group</i></b>				
LCE5A	6.4	10.3	0.10	<b>0.018</b>
<b><i>LCE6 group</i></b>				
LCE6A	6.4	9.6	0.17	0.053

<sup>1</sup>dCt: Delta PCR cycle time. <sup>2</sup>mRNA expression data from epidermal cells of uninvolved psoriatic skin (N=4), <sup>3</sup>involved psoriatic skin (N=4), <sup>4</sup>P-values of paired t-test. Bold: p-value < 0.05.