

**Supplemental Table 1: Described Pathophysiological Features of Human AD and AD Model Mice**

	Human AD	Ox Mice	TNCB	IL-4Tg	IL-18Tg	NC/Nga
<b><i>Clinical Appearance</i></b>						
Scaling/excoriation/scratching	(+)	(+)	(+)	(+)	(+)	(+)
<b><i>Physiology</i></b>						
Barrier	↓	↓	↓			↓
Hydration	↓	↓	↓			↓
pH	↑	↑	↑			
<b><i>Immunologic phenotype</i></b>						
TH2 dominant infiltrate	↑	↑	↑			↑
IgE	↑	↑	↑	↑	↑	↑
Mast Cells	↑	↑	↑	↑	↑	↑
<b><i>Hyperproliferation</i></b>	(+)	(+)		(+)	(+)	(+)
<b><i>Abnormal Differentiation</i></b>	↓	↓				
References	Proksch (2006) Tagami (2006) Boguniewicz (2006) Damsgaard (1997)	present study	Matsumoto (2004)	Chan (2001)	Konishi (2002)	Matsuda (1997) Aioi (2001)

