

Table SII. Multivariate logistic regression analysis of the subject's incidences and family history in nursery school children from Ishigaki Island

	OR	95% CI	p-value
Subject's gender	0.87	0.58–1.31	0.5083
Subject's age	1.04	0.90–1.20	0.6220
Subject's allergic rhinitis	0.89	0.29–2.71	0.8400
Subject's bronchial asthma <sup>a</sup>	2.14	1.29–3.56	0.0034
Subject's egg allergy <sup>a</sup>	7.69	3.79–15.64	<0.0001
Paternal atopic dermatitis <sup>a</sup>	3.00	1.29–6.95	0.0104
Paternal allergic rhinitis	1.12	0.64–1.95	0.6925
Paternal bronchial asthma	1.27	0.65–2.50	0.4842
Maternal atopic dermatitis	0.92	0.41–2.08	0.8405
Maternal food allergy	0.75	0.32–1.75	0.5008
Sibbling atopic dermatitis <sup>a</sup>	3.25	1.87–5.66	<0.0001
Sibbling allergic rhinitis	1.18	0.60–2.32	0.6354
Hosmer and Lemeshow test	$\chi^2=6.67$	$p=0.57$	

<sup>a</sup>Items with statistical significance.

OR: odds ratio; CI: confidence interval.