

**Table S1.** Hallmarks of the clinical disease courses of both NOD1- and NOD2-EAE mice. Data represent the mean EAE score  $\pm$  SD; \*p-value  $\leq 0.05$ ; non-significant differences are not separately indicated.

	NOD1 control	NOD1 EE	NOD2 control	NOD2 EE
<i>number of mice</i>	8	8	8	8
<i>number of eliminated mice</i>	-	-	2	-
<i>rate of successful disease induction</i>	100 %	100 %	100 %	100 %
<i>day of onset</i>	9 $\pm$ 0.76	9 $\pm$ 0.54	9.2 $\pm$ 0.41	9.1 $\pm$ 0.35
<i>peak score</i>	3.7 $\pm$ 0.22	3.9 $\pm$ 0.32	3.2 $\pm$ 0.40	2.7 $\pm$ 0.62
<i>remission score</i>	2.8 $\pm$ 0.3	2.8 $\pm$ 0.43	2.6 $\pm$ 0.38	2 $\pm$ 0.69
<i>end score</i>	3 $\pm$ 0.58	2.8 $\pm$ 0.57	3.6 $\pm$ 0.44	3 $\pm$ 0.39 *
<i>burden of disease (area under the curve)</i>	138.1 $\pm$ 9.58	135.6 $\pm$ 13.56	192.7 $\pm$ 19.98	157.2 $\pm$ 28.17 *