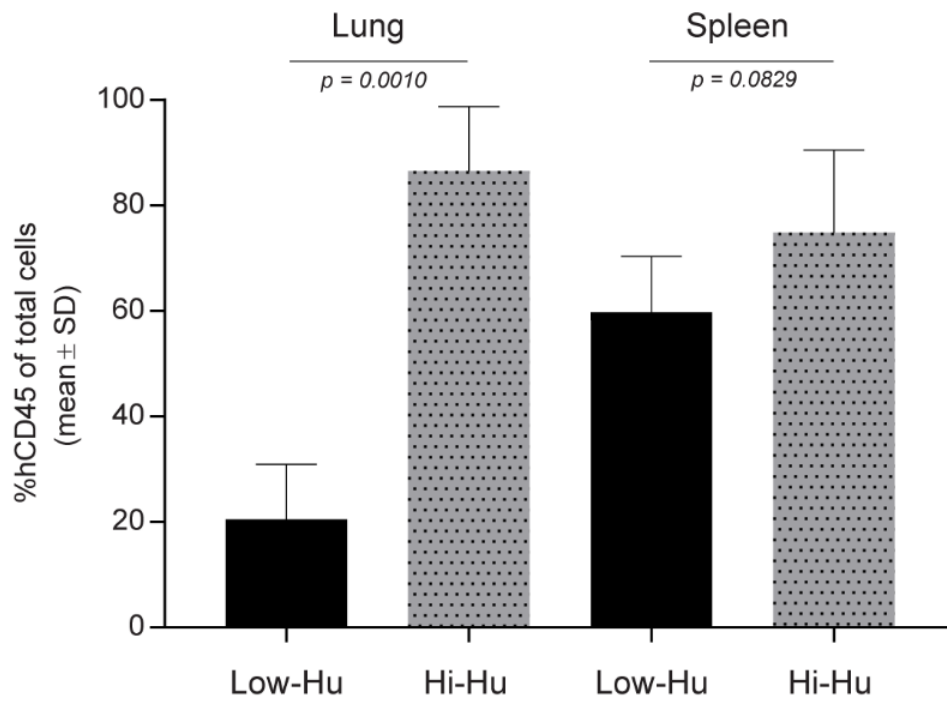


# Supplementary Material

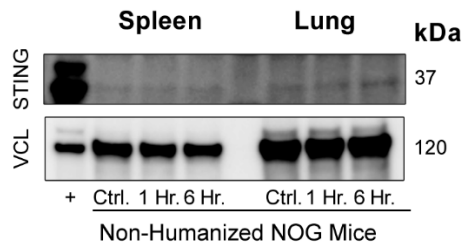
## **cAIMP administration in humanized mice induces a chimerization-level-dependent STING response**

Andersen, Olesen, Jønsson, et al.



**Supplementary Figure 1**

Proportions of human CD45+ cells in total lung and spleen tissues from Low-hu and Hi-hu mice are shown as a mean of each group for each organ ( $\pm$ SD). %CD45 differences between the Low-hu and Hi-hu mice was compared with a Mann-Whitney unpaired nonparametric test.



### Supplementary Figure 2

Western blot analyses are shown for STING protein as well as for vinculin (VCL) expression in splenocytes and lung cells from non-humanized NOG mice. Three non-humanized mice were administered either vehicle (Ctrl), or cAIMP and killed 1 Hr or 6Hr after administration.

**Supplementary Table 1. Frequencies of lung cell subtypes from individual Low-Hu mice**

	Time since cAIMP administration	Ctrl.			1 Hr.			6 Hr.		
	<b>%CD45 of total cells</b>	45.3	24.4	17.6	13.6	16.8	18.5	24.7	13.5	10.3
<b>human CD45 subpopulations</b>	% CD33bright of CD45+ cells	3.2	4.0	4.5	15.2	16.3	18.0	20.4	20.4	25.9
	% CD33brightCD14negCD16+ of CD45+ cells	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
	% classical monocytes (CD33brightCD14+CD16neg) of CD45+ cells	0.7	2.4	2.7	9.7	11.5	12.7	15.7	14.1	18.2
	% intermediate monocytes (CD33brightCD14+CD16+) of CD45+ cells	0.2	0.1	0.2	0.6	0.8	1.2	0.6	0.3	0.3
	% nonclassical monocytes (CD33brightCD14dimCD16+) of CD45+ cells	0.8	0.0	0.0	0.2	0.2	0.3	0.1	0.0	0.0
	% CD33brightCD14negCD16neg of CD45+ cells	1.0	1.5	1.6	4.7	3.8	3.8	3.9	6.0	7.4
	% CD33dim of CD45+ cells	3.1	4.0	4.2	10.9	10.3	21.6	10.3	4.3	4.0
	% CD33dimCD16+CD14neg of CD45+ cells	0.5	0.1	0.2	6.3	5.9	17.0	1.4	0.7	0.3
	% CD33dimCD14neg CD16neg of CD45+ cells	1.4	2.1	2.6	3.1	2.7	2.0	3.5	1.5	1.6
	% CD33neg of CD45+ cells	26.7	8.9	8.3	12.2	12.5	17.8	5.2	2.2	1.7