

Table S1. Numbers of mice and microscopic view fields analyzed for pulmonary arterial muscularization by scoring

Model	Mice	Microscopic view fields
Asp Ag ^a	127	3,219 (24 per mouse)
OVA ^a	43	1,050 (24 per mouse)
IL-13 ^b	18	373 (21 per mouse)

The number of mice examined and the number of view fields scored (total number and mean number per mouse) are provided.

^aGroups of wild-type or KO mice were given saline, or were primed and challenged with antigen and given nothing, control, or neutralizing antibody.

^bGroups of naive, wild-type mice were challenged with control protein or recombinant IL-13.

Table S2. Right heart function, heart rate, right heart weight, and RVSP after acute exposure to hypoxia in OVA-primed mice exposed to saline or OVA aerosols

Measure	Unit	Saline	OVA
Right heart function	+dp/dt (mmHg/s)	1,213 ± 76	1,408 ± 110
	-dp/dt (mmHg/s)	-1,114 ± 100	-1,224 ± 89
Heart rate	beats per minute	395 ± 45	395 ± 38
RVSP after acute hypoxia	mmHg	25.15 ± 0.36	25.81 ± 0.76
Right heart weight	% (RV/[LV + S]) × 100	19.89 ± 0.33	20.33 ± 0.63

Mice were primed with OVA-Alum and exposed to aerosols of saline or OVA, as shown in Fig. 8. The right ventricle was catheterized to determine right heart function, heart rate, and RVSP. The relative right ventricular weight was determined as a measure of right heart hypertrophy. Means and SEMs of 10 (right heart function, heart rate, and right heart weight) or 5-6 (RSVP) mice per group are shown. The data were not significantly different between the groups ($P > 0.05$ according to a two-tailed, unpaired Wilcoxon U test).