

Supplementary Material

Fra2 Overexpression in Mice Leads to Non-allergic Asthma Development in an IL-13 Dependent Manner

Anna Gungl¹, Valentina Biasin², Jochen Wilhelm^{3,4}, Andrea Olschewski^{1,2}, Grazyna Kwapiszewska^{1,2}, Leigh M. Marsh^{2*}

¹Otto Loewi Research Center, Medical University of Graz, Graz, Austria

²Ludwig Boltzmann Institute for Lung Vascular Research, Graz, Austria

³Department of Internal Medicine, Universities of Giessen and Marburg Lung Center, Giessen, Germany

⁴German Center for Lung Research, Justus-Liebig University, Giessen, Germany

***Correspondence:**

Leigh M. Marsh

Ludwig Boltzmann Institute for Lung Vascular Research

Stiftingtalstrasse 24, 8010 Graz, Austria

E-mail: Leigh.Marsh@lvr.lbg.ac.at

Figure legends

Figure E1: Peribronchial inflammation in Fra2 TG mice.

Hematoxylin and eosin (HE) staining of airways in WT and Fra2 TG mice.

Figure E2:

Uncropped images of the Western blot membranes shown in Figure 4A. St: Standard; WT: wild-type; TG: Fra2 transgene.

Figure E3:

Uncropped images of the Western blot membranes shown in Figure 5B. St: Standard; WT: wild-type; TG: Fra2 transgene, IgG: isotype control; aIL-13: anti-IL-13 neutralising antibody.

Figure E4:

Uncropped images of the Western blot membranes shown in Figure 9E. St: Standard; WT: wild-type; TG: Fra2 transgene; Bude: Budesonide.

Figure E5:

Uncropped images of Western blot membranes shown in Figure 10A. St: Standard; WT: wild-type; TG: Fra2 transgene, IgG: isotype control; aIL-13: anti-IL-13 neutralising antibody.

Figure E6:

Uncropped images of the Western blot membranes shown in Figure 10B. St: Standard; WT: wild-type; TG: Fra2 transgene; Bude: Budesonide.

Figure E1

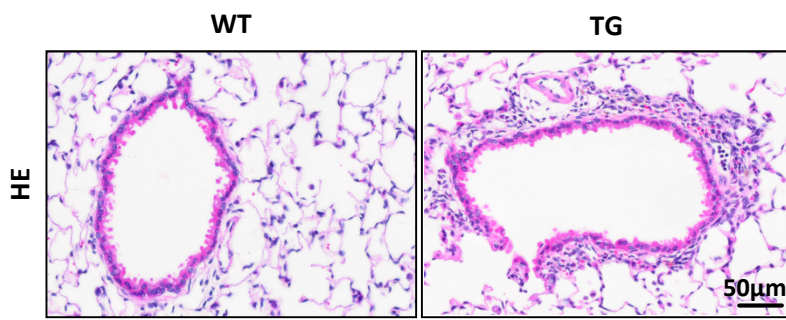
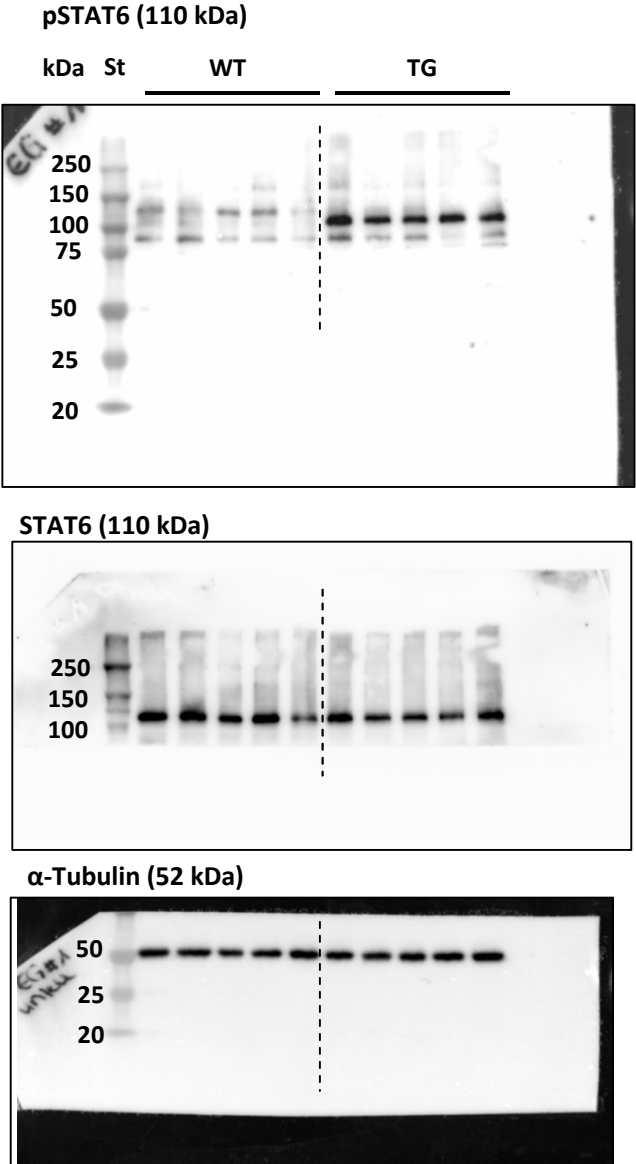
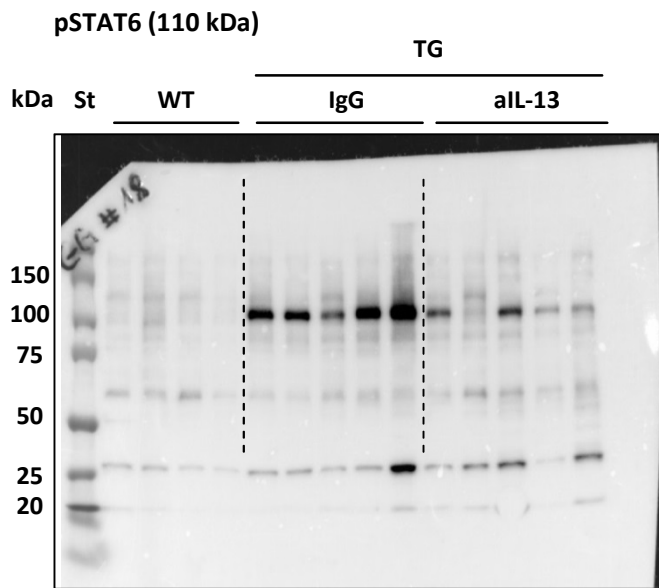


Figure E2

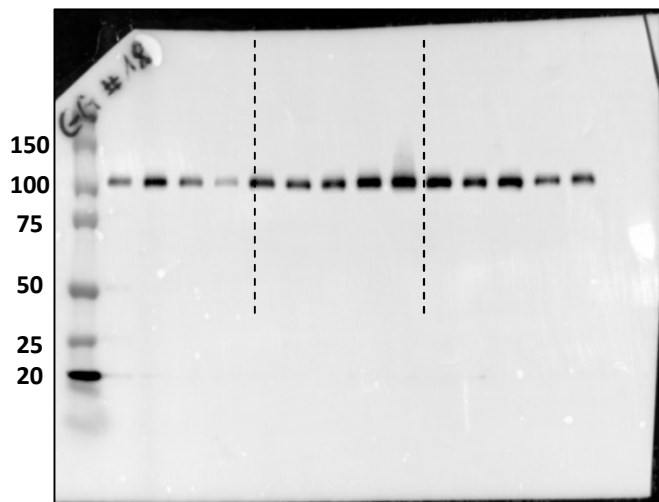


(Figure 4A)

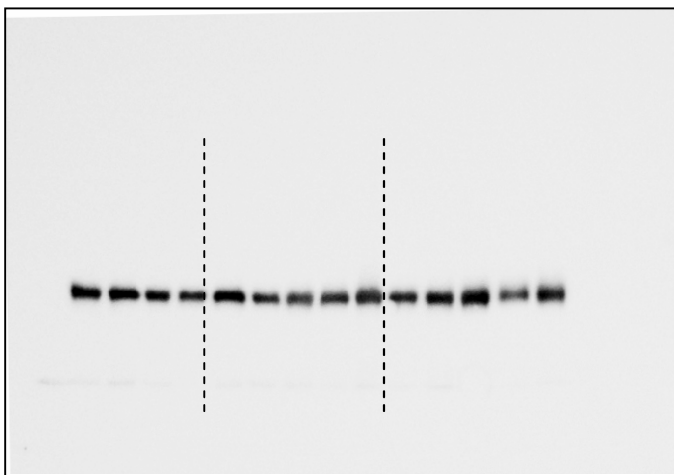
Figure E3



STAT6 (110 kDa)



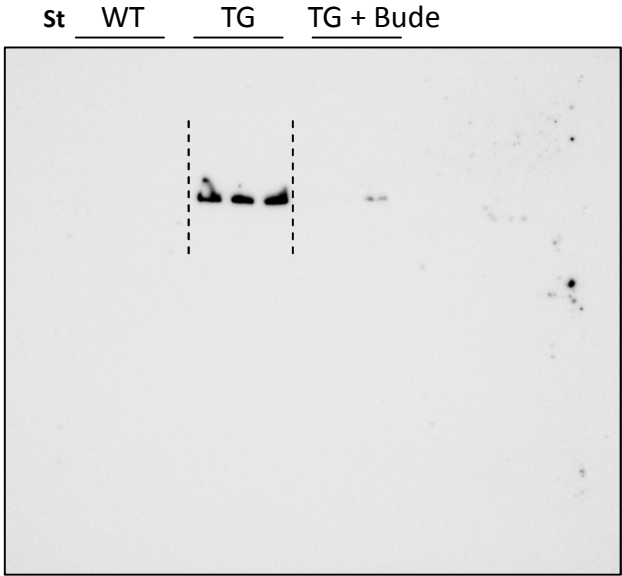
α -Tubulin (52 kDa)



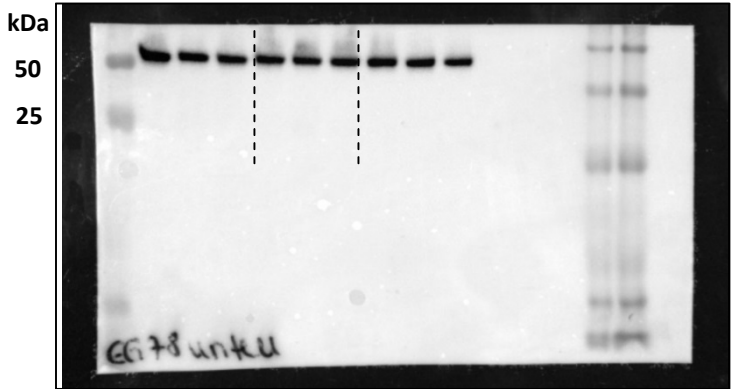
(Figure 5B)

Figure E4

pSTAT6 (110 kDa)

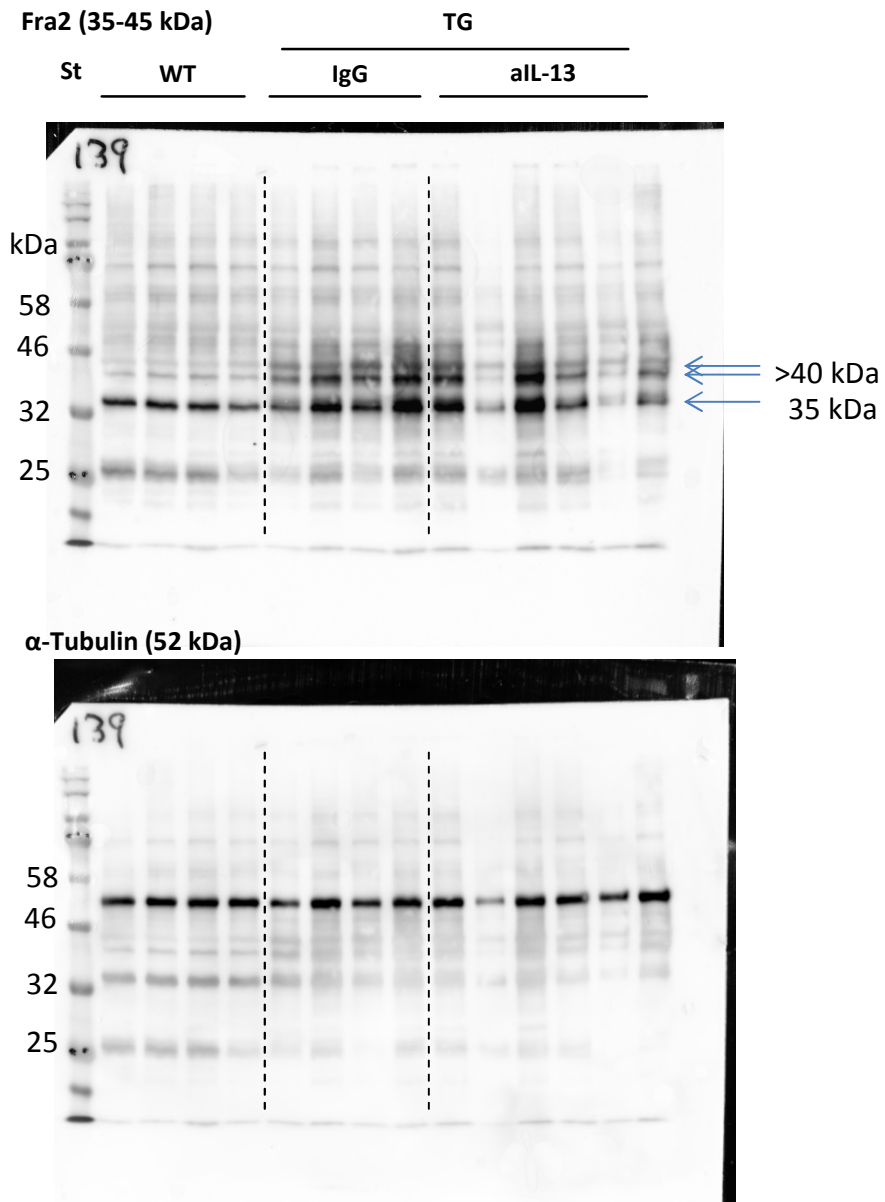


α -Tubulin (52 kDa)



(Figure 9E)

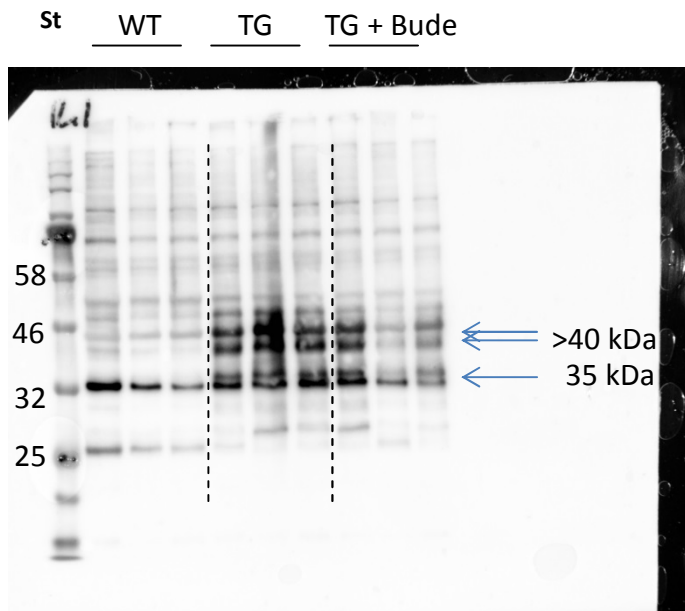
Figure E5



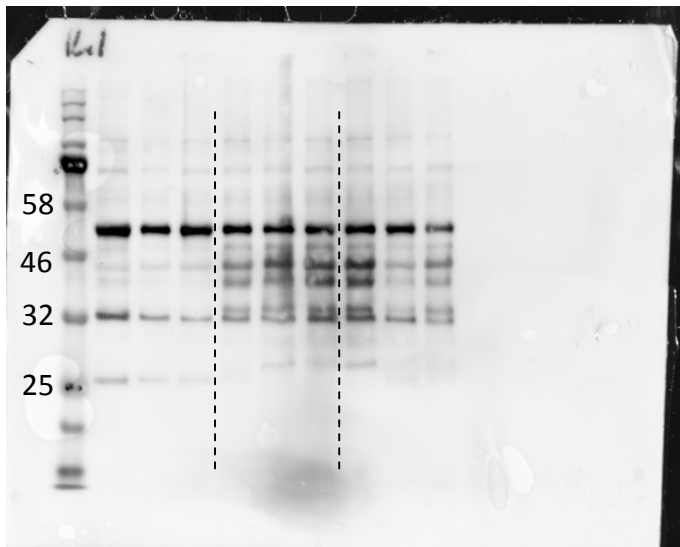
(Figure 10A)

Figure E6

Fra2 (35-45 kDa)



α -Tubulin (52 kDa)



(Figure 10B)