

Supplementary Materials

Supplementary Table S1.

Patient ID	Underlying disease	Type of LTx	Age, Sex	Rejection grade	Treatment	Complications	Time before retransplantation
126459	PAH	Heart-Lung	31, F	BOS III	Corticosteroids, Antibiotics	Aspergillus, Aureus	1 year
128308		Heart-Lung	F			6 years	
128720	PAH, histiocytosis	SLTx	42, F			Edema, Staphylococcus, CMV infection	8 years
129053	PAH		41, F			Infection	2 years
129654	IPD	DLTx	33, M			Aspergillus, Fibrotic pneumopathy	7 years

Characteristics of the OB/BOS explanted lungs from the retransplanted patients used in this study.

List of supplementary figures.

Table S1. Characteristics of the OB/BOS explanted lungs from the retransplanted patients used in this study.

Supplementary Figure S2. Pathological changes of the bronchial epithelium in the mismatched lung grafts.

Supplementary Figure S3. Expression and distribution of the HLA-A2 transgene in untouched and transplanted mouse lungs.

Supplementary Figure S4. Qualitative assessment of plasma autoantibodies following LTx.

Supplementary Figure S5. B cells infiltrating the allografts are of recipient origin.

Supplementary Figure S6. Percentages of T helper and B effector responses in MLN from lung transplanted mice.

Supplementary Figure S7. Intracellular IFN γ and IL17A in MLNs of lung transplanted rejecting mice.

Supplementary Figure S8. The formation of GCs in MLN is dependent on the HLA mismatch and on EBI2.

Supplementary Figure S9. *Ebi2* deficiency is associated with reduced B cell activation and follicle formation.