

Spontaneous air space enlargement in the lungs of mice lacking tissue inhibitor of metalloproteinases-3 (TIMP-3)

Kevin J. Leco, Paul Waterhouse, Otto H. Sanchez, Katrina L.M. Gowing, A. Robin Poole, Andrew Wakeham, Tak W. Mak, and Rama Khokha

J. Clin. Invest. **108**:817–829 (2001). DOI:10.1172/JCI200112067.

In the final stages of the production process, figure 8 was mistakenly repeated as figure 7. The correct display of both figures and their accompanying legends appear below. We regret the error, and have provided the corresponding author with corrected reprints.

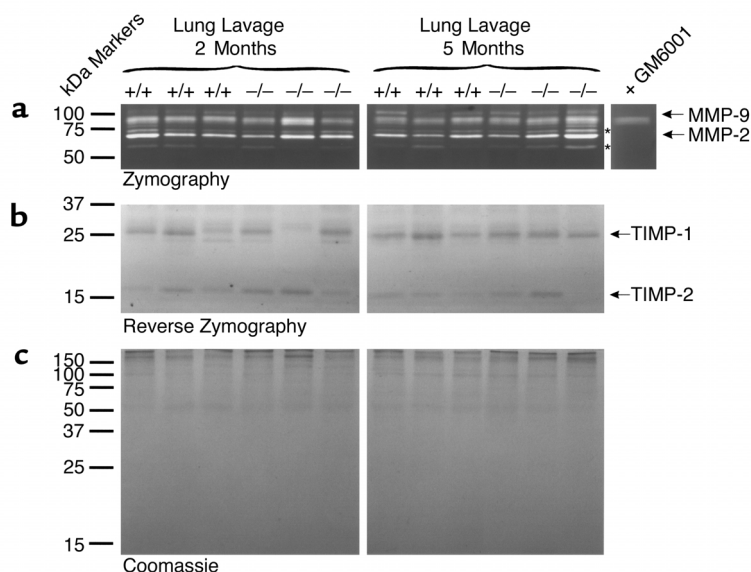


Figure 7

Zymographic and reverse zymographic analysis of BAL fluid. (a) Zymographic analysis of wild-type and null BAL at 2 and 5 months of age. No differences in MMP-9 (105 kDa) or MMP-2 (72 kDa) abundance or activation (asterisks) were noted. Incubation of a sample lane with a synthetic MMP inhibitor, GM6001, identified which bands represented MMP gelatinolytic activities. (b) Reverse zymographic analysis demonstrated there was no compensation in null BAL by upregulation of either TIMP-1 or TIMP-2. (c) Parallel Coomassie-stained SDS-PAGE gel revealed the bands in b were gelatin-protecting bands and not Coomassie-staining bands in the BAL. Panel c also shows approximately equal loading between samples.

Figure 8

Northern blot analysis of heart, kidney, and lung mRNA. We did not observe enhanced abundance of either *Timp-2* or *Timp-4* mRNAs in this investigation in any tissue at either 2 months or in lungs from aged animals. The *Timp-1* mRNA was not detected in this experiment. The transcript encoding *Collagen type-I* appears to be upregulated in the heart and kidney at 2 months of age. *Collagen type-IV* mRNA appears to be upregulated in the aged null lung. The 18S control shows approximately equal loading between samples.

