

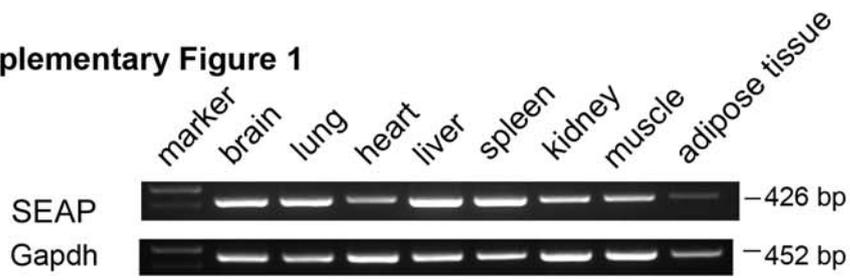
Supplemental Figure Legends

Supplemental Figure 1. Basal expression of secreted alkaline phosphatase (*SEAP*) mRNA in various organs in DRESSA24. Indicated organs were perfused with PBS to wash blood out and subjected to RT-PCR analysis of *SEAP*. Glyceraldehyde-3-phosphate dehydrogenase (*Gapdh*) was used as an internal control.

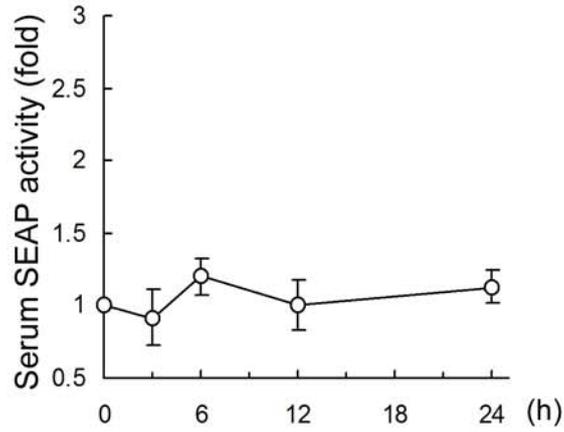
Supplemental Figure 2. Kinetics of serum SEAP activity in DRESSA mice exposed to fresh air in the experimental smoking room. DRESSA25 (n=4) were placed in the smoking room and exposed to fresh air for 3 h. After the exposure, mice were maintained for the following 21 h outside the smoking room. Blood sampling was performed before and 3, 6, 12 and 24 h, and activity of serum SEAP was evaluated. Data were presented as means \pm SE.

Supplemental Figure 3. Activity of SEAP in various organs of DRESSA24. DRESSA24 (DR24; n=4) were perfused with PBS to wash blood out, and protein extracts from indicated organs were subjected to chemiluminescent assay to evaluate SEAP activity. Activity of SEAP per 1 μ g total protein was calculated, and the relative level vs. wild-type mice (WT) was evaluated. Data were presented as means \pm SE. Asterisks indicate statistically significant differences.

Supplementary Figure 1



Supplementary Figure 2



Supplementary Figure 3

