This is the initial submission of a U-net based lung and lobe segmentation model. The segmentation model was trained on 5000 images from the COPDGene study. The training masks were obtained from non-QA'ed software.

The method consists of a low-resolution lung masking step followed by a high-resolution lung and lobe segmentation step on each individual lung.

A more detailed document will follow this once the methods are refined and finalized.