**Supplementary Data**

**Video file** demonstrating workflow and functionality of the LesionTracker user interface, with audio voice over description of a typical use case scenario.

**Supplementary Figure 1** demonstrates lesion labeling for a baseline timepoint assessment in LesionTracker. The lesion labels are organized by organ group and allow the image reviewer to add an optional free text description.

**Supplementary Figure 2** provides an example of the tumor metrics report available in LesionTracker. The report includes lesion labels, target measurements, non-target status, series and image numbers, as well as annotated images.