

## **Supplementary Figure Legends**

**Supplementary Figure 1.** (A) Lobulation: A 69-year-old woman presented with MIA of the right lower lobe confirmed by postoperative histology. (B) Spiculation: A 69-year-old woman presented with MPA in the right middle lobe confirmed by postoperative histology. (C) Bronchus-encapsulated air sign: A 49-year-old woman presented with AIS in the right upper lobe confirmed by postoperative histology. MIA = Minimally invasive adenocarcinoma; MPA = Micropapillary invasive adenocarcinoma; AIS = Adenocarcinoma in situ

**Supplementary Figure 2.** (A) Cavity signs: A 67-year-old man presented with MIA in the right upper lobe confirmed by postoperative histology. (B) Pleural traction: A 47-year-old woman presented with IAC in the left upper lobe confirmed by postoperative histology. (C) Vascular convergence: A 60-year-old woman presented with MIA in the left upper lobe confirmed by postoperative histology. MIA = Minimally invasive adenocarcinoma; IAC = Invasive adenocarcinoma