Three-dimensional region of interest (ROI) replacement. SUVpeak of the tumor (arrows) was divided by SUVpeak of the aorta (arrowheads), and we defined tumor blood ratio using SUVpeak (TBRpeak) as the quantitative value. SUVpeak was defined as the mean value of the voxels within a fixed sphere of 1-cm³ volume centered on the hottest area of the ROI over the tumor. SUV, standardized uptake value