**Supplemental Fig. S6** PET/CT fusion images of the primary lesion in 3 patient with malignant tumors. (Upper panels: 18F-FDG PET/CT images; lower panels: 18F-FGln PET/CT images.) (a) Female, 62y, lung adenocarcinomas with 18F-FDG SUVmax of 5.68 and 18F-FGln SUVmax of 4.64. (b) Male, 59y, lung adenocarcinomas with 18F-FDG SUVmax of 15.29 and 18F-FGln SUVmax of 6.23. (c) Male, 54y, malignant melanoma with 18F-FDG SUVmax of 10.06 and 18F-FGln SUVmax of 6.06.