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$^{11}$C-dihydrotetrabenazine PET may allow measurement of vesicular monoamine transporter type 2 binding in the pancreas, and preclinical experiments suggest that such measurements may serve as a biomarker of $\beta$-cell mass. These images of a patient with type 1 diabetes (top) and a healthy person (bottom) define and separate the pancreas from other abdominal organs.

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