



Supplemental Figure 3. Detection of TyrAT enzyme activity by thin-layer chromatography. A, Visualization of [$^{14}\text{C}(\text{U})$]-4-HPP by autoradiography after incubating different quantities of recombinant Ps TyrAT and [$^{14}\text{C}(\text{U})$]-L-tyrosine at 30°C for 1 h. B, Relationship between the amount of TyrAT protein in the enzyme assay and the formation of [$^{14}\text{C}(\text{U})$]-4-HPP. C, Relationship between the amount of [$^{14}\text{C}(\text{U})$]-L-tyrosine in the enzyme assay and the formation of [$^{14}\text{C}(\text{U})$]-4-HPP. Standard assays were performed using quantities of recombinant protein and L-tyrosine in the linear range.