



FIGURE 5. Logarithmic scale of k_{cat} and k_{non} values for some representative reactions at 25 °C. The length of each vertical bar represents the rate enhancement by ADC = arginine decarboxylase;²⁵ ODC = orotidine 5'-phosphate decarboxylase;²³ STN = staphylococcal nuclease;¹⁷ GLU = sweet potato β -amylase;¹³ FUM = fumarase;²¹ MAN = mandelate racemase;²² PEP = carboxypeptidase B;¹⁴ CDA = *E. coli* cytidine deaminase;³⁰ KSI = ketosteroid isomerase;²³ CMU = chorismate mutase;¹⁹ CAN = carbonic anhydrase.²³