



**Supplemental Figure S4. Kinetics of wt and mutant BlaC enzymes.** Michaelis-Menten kinetics (top), Lineweaver-Burk plot (middle), and Eadie-Hofstee plot (bottom) generated for wt BlaC and BlaC(I105F) enzymes with nitrocefin at single enzyme concentration (50  $\mu\text{M}$ ).