

Supporting information for:

**MUTATION OF THE ACTIVE SITE CARBOXY-LYSINE (K70) OF OXA-1 β -
LACTAMASE RESULTS IN A DEACYLATION-DEFICIENT ENZYME**

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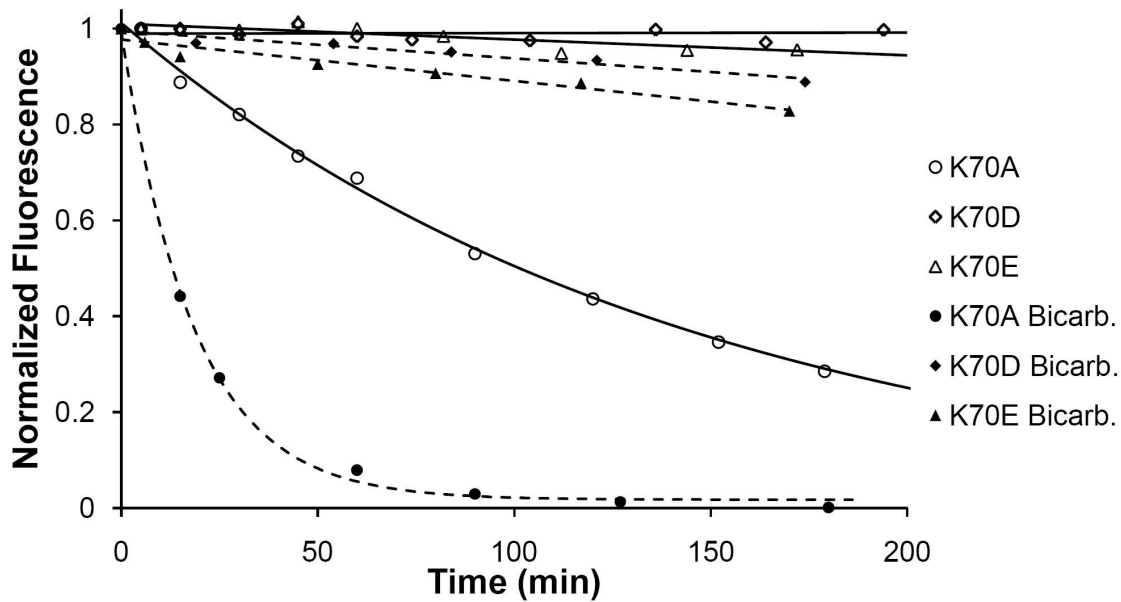


Figure S1. Ampicillin deacylation rates for three K70 variants in the absence and presence sodium bicarbonate. Rates were determined as described in Materials and Methods under the heading *Deacylation Rate Determination*. The buffer used was 50 mM NaH_2PO_4 , pH 7.4 with or without 9 mM NaHCO_3 .