



Fig. S1 Phylogenetic tree constructed from the seven genes that our five *Pedobacter* isolates shared within their predicted Type III polyketide synthase cluster. These *Pedobacter* isolates were isolated from amphibian skin. Bd inhibition values were obtained from in vitro challenge assays (Walke et al. 2017) The inhibition values refer to the mean inhibition. 100 = complete Bd inhibition (blue), 0 = no inhibition (yellow). For the purposes of this figure, isolates with negative scores indicating potential facilitation of growth (N=2) were set at zero. Isolates are labeled with genus and sequencing ID number. (Table S3)