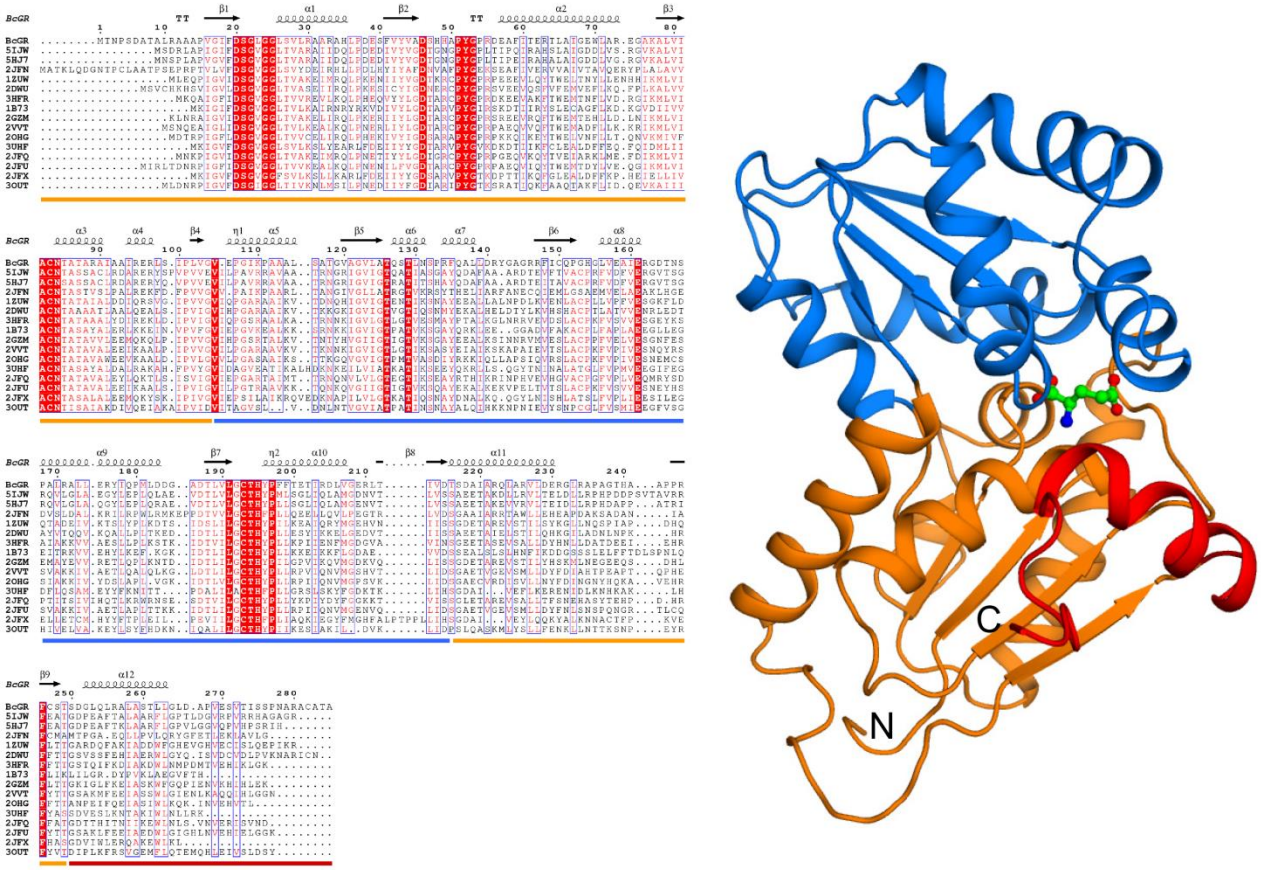

S1 Fig. Homology model of *Bc*GR. (A) Sequence alignment of *Bc*GR with homologous GR with known three-dimensional structures. Colors highlight the three-dimensional organization of the enzyme family, with the two major domains shown in orange and blue and the C-terminal helix in red. (B) Cartoon representation of the *Bc*GR homology model. Colors as in (A). The location of the substrate binding pocket inferred by superposition analysis with homologous GR structures is shown with a D-glutamate molecule depicted as green ball-and sticks.