N-terminal 3-layer sandwich

β-roll subdomain

α-helical N-terminal subdomain

Central 3-layer sandwich

DhbE (1MD9), 2,3-dihydroxybenzoate-AMP ligase.

β-roll subdomain

*N: Note: C-terminal domain (residues 430-536) of DhbE not shown for clarity.
Figure S1. Alignment illustrating the sequence similarity between EhpF and GriC from S. griseus. The structure of GriC is not currently known but it is believed to participate in the conversion of 2-amino-3-hydroxybenzoic acid to 2-amino-3-hydroxybenzaldehyde in the grixazone biosynthetic pathway.

Figure S2. Annotated topological diagrams for EhpF and DhbE illustrating the similarities and differences between the folds of EhpF and a typical ANL superfamily member. The figure was generated using the PDBSum server (www.ebi.ac.uk/pdbsum).