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Supplemental Figure 1. Sequence alignment of UDP-Glucuronic acid decarboxylases and ArnA decarboxylase domain (gil16555376_Escherichia_coli). Strictly conserved residues are shaded red, conservative substitutions are shaded orange and less conserved residues are shaded yellow. The two conserved residues ( $\mathrm{S}_{433}$ and $\mathrm{R}_{619}$ ) proposed to be important for the decarboxylation step are shaded green.

