Alda-1 is an agonist and chemical chaperone for the common human aldehyde dehydrogenase 2 variant

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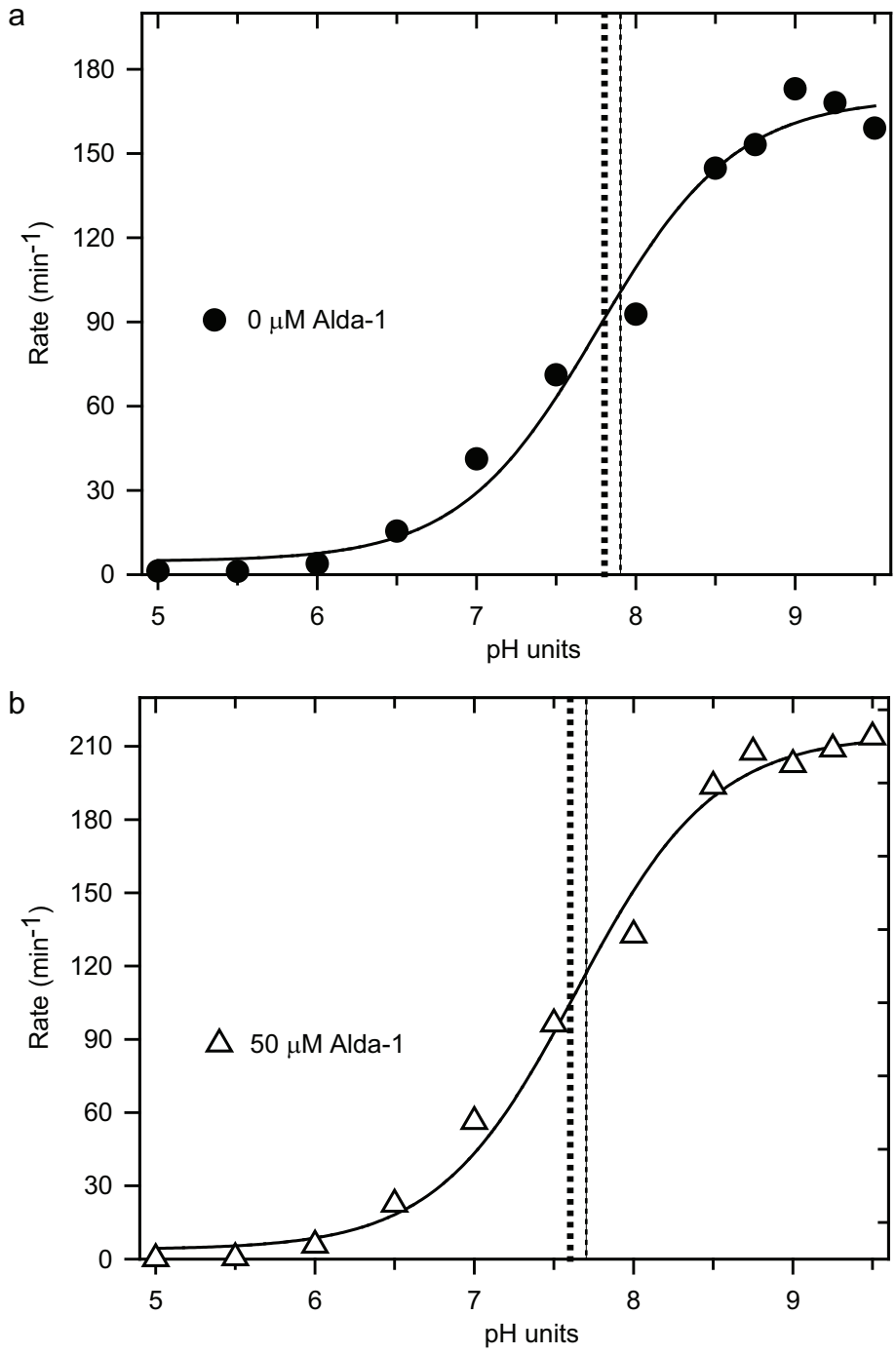

Supplementary Figure 1 *Dependence of ALDH2-catalyzed hydrolysis of para-nitrophenylacetate on pH*. The rate of nitrophenol formation by ALDH2-catalyzed hydrolysis of para-nitrophenylacetate was monitored as a function of pH in the absence (a) and presence (b) of 50 uM Alda-1. In each panel, the apparent pKa values for ester hydrolysis are indicated by the dashed vertical lines (pKa = 7.8 in the absence of Alda-1 and pKa = 7.6 in the presence of Alda-1).

Nature Structural & Molecular Biology: doi:10.1038/nsmb.1737