Improving efficiency of anticancer drugs by irreversible block of aldehyde dehydrogenases

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Figure S1: Chemical modification of human ALDH2 and ALDH3 by aldi inhibitors. (A) Deconvoluted spectrum of ALDH2. (B) Deconvoluted spectrum of ALDH2 incubated with a 2-fold excess of Aldi-1. (C) Deconvoluted spectrum of ALDH2 incubated with a 2-fold excess of Aldi-2. (D) Deconvoluted spectrum of ALDH2 incubated with a 2-fold excess of Aldi-3. Deconvoluted spectrum of ALDH3. (F) Deconvoluted spectrum of ALDH3 incubated with a 2-fold excess of aldi-3. (G) Deconvoluted spectrum of ALDH3-E209Q mutant in the presence of aldi-3 (red font is used to highlight residues that were not shifted following modifications with aldi inhibitors, blue font highlights shifted residues).

Suplemental Figure 1

