acetaldehyde[c] + H2O[c] + NADP+[c] => acetate[c] + H+[c] + NADPH[c] acetaldehyde[c] + H2O[c] + NAD+[c] => acetate[c] + H+[c] + NADH[c] H+[c] + NADH[c] + ribose[c] <=> NAD+[c] + ribitol[c] H2O[c] + NAD+[c] + phenylacetaldehyde[c] => H+[c] + NADH[c] + phenylacetate[c] H2O[m] + NAD+[m] + phenylacetaldehyde[m] => H+[m] + NADH[m] + phenylacetate[m] H+[c] + NADPH[c] + phenylacetate[c] <=> H2O[c] + NADP+[c] + phenylacetaldehyde[c] H+[m] + NADP+[m] + phenylacetaldehyde[m] ALDH3B1 ALDH3A1 ALDH3B2 ALDH1A3 10 --5 coad ucec hnsc paad hnsc paad ucec hnsc coad gbm coad read gbm coad read gbm read brca gbm read blca lusc luad blca lusc luad blca lusc brca luad kirc kirc kirc lgg lgg