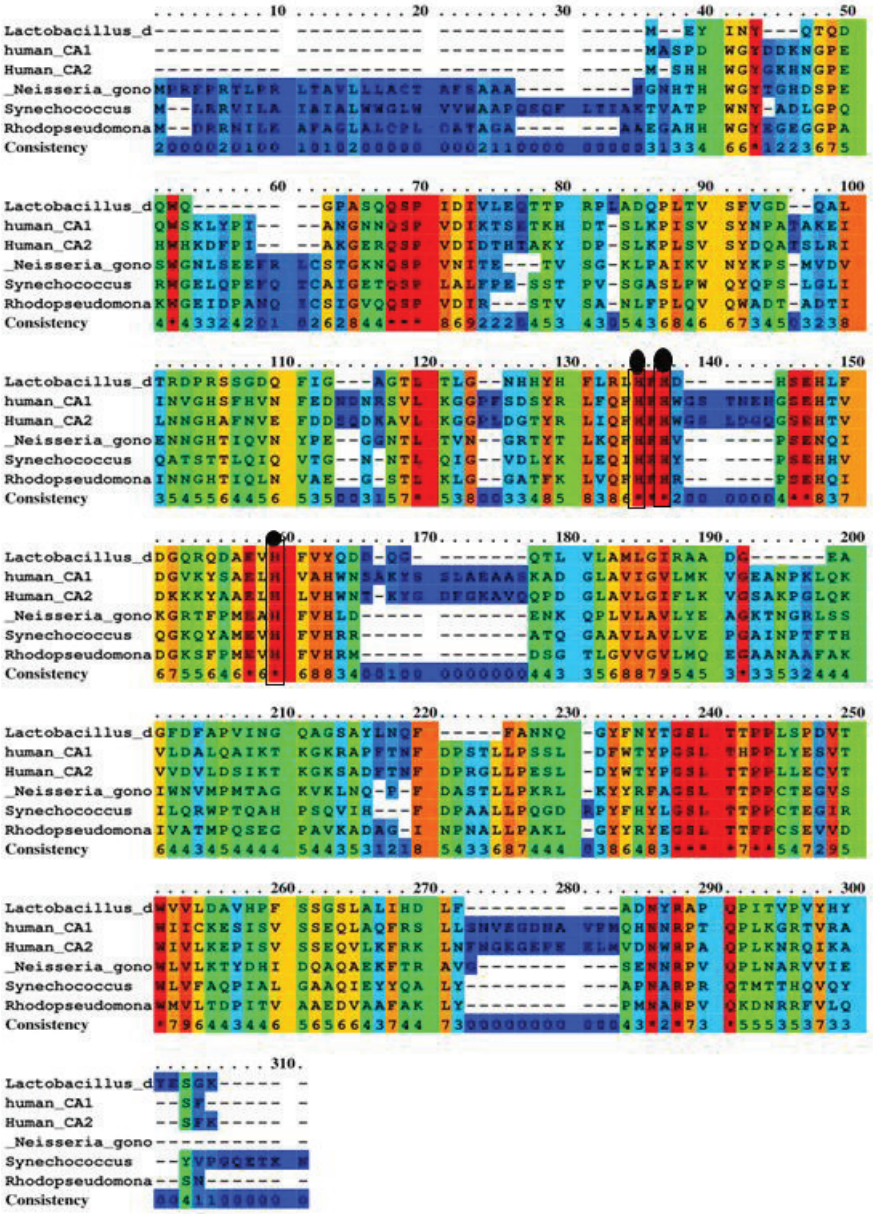

Figure S1. CLUSTAL W alignment of carbonic anhydrase sequences from *Lactobacillus delbrueckii* (YP_618592.1), *Human* CA I (NP_001122301.1) & CA II (NP_000058.1), *Neisseria* (AAA75359.1.), *Synechococcus* (YP_400464.1) and *Rhodopseudomona* (NP_946147.1).