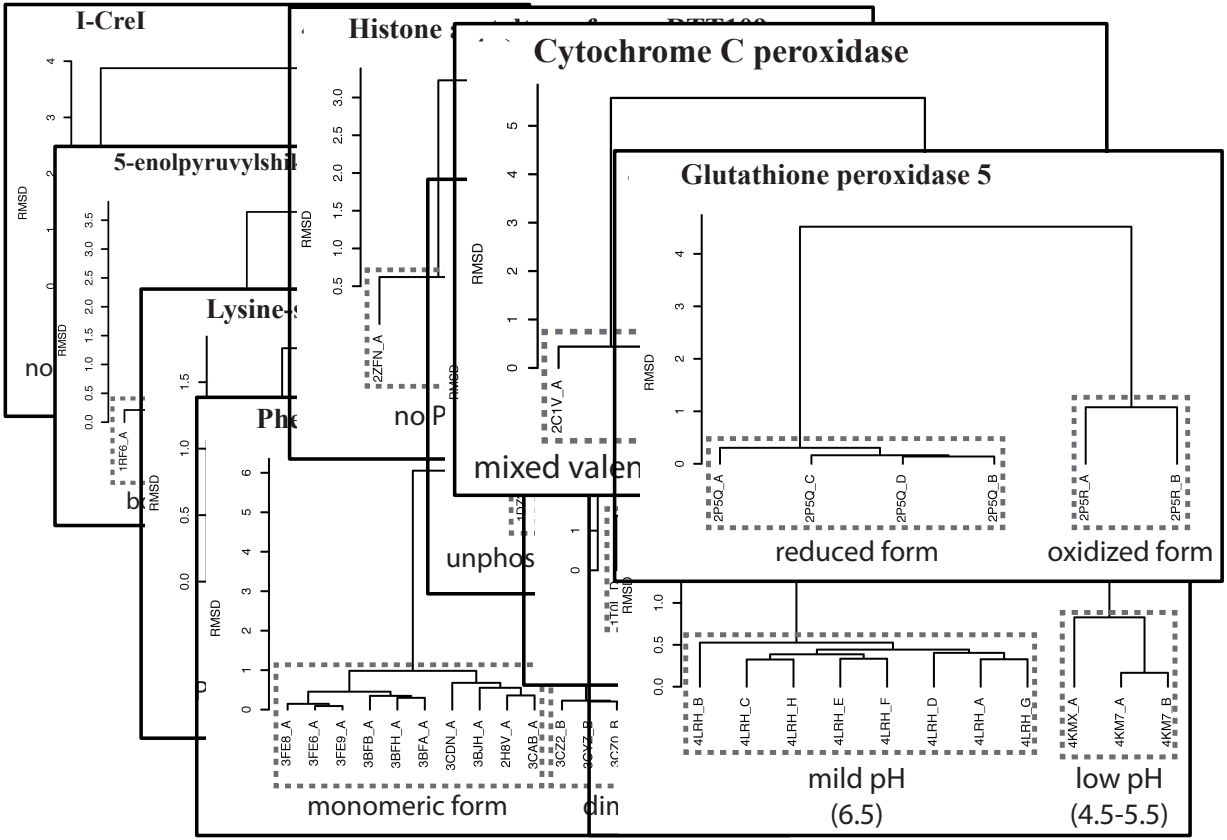Identification of Alternative Bio States in Diverse Biological Contexts