



Supplementary material Ihara et al.



Legend of Supporting Information IR spectra of the CO bound form of H39L (a, b and c) and F35V/H39L (d, e and f) obtained at room temperature and at pH8.0. The traces a and d are obtained in 99% D₂O and the traces b and e are obtained in H₂O. The traces c and f represent D₂O-H₂O difference spectra for H39L and F35V/H39L, respectively.