

**Group III-alcohol dehydrogenase from *Pectobacterium atrosepticum*:
insights into enzymatic activity and organization of the metal-ion
containing region**

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Supplementary materials

Figure S1 – Size determination of native PaYqhD. (A) Calibration curve to determine native molecular masses. Standard proteins are indicated as black dots: Ferritin – 440 kDa, aldolase – 158 kDa, conalbumin – 75 kDa and ovalbumin – 44 kDa. A white square displays PaYqhD. Size determination has been repeated five times. (B) Native PAGE analysis of PaYqhD and mutants. Dimers and monomers are indicated aside.

Figure S2 – CD spectra of PaYqhD mutants. Far-UV spectra of D194A (A), H267A (B), H281A (C) and H363A (D) are compared with PaYqhD. CD spectra of mutants are given as open squares and PaYqhD is shown as filled circles.

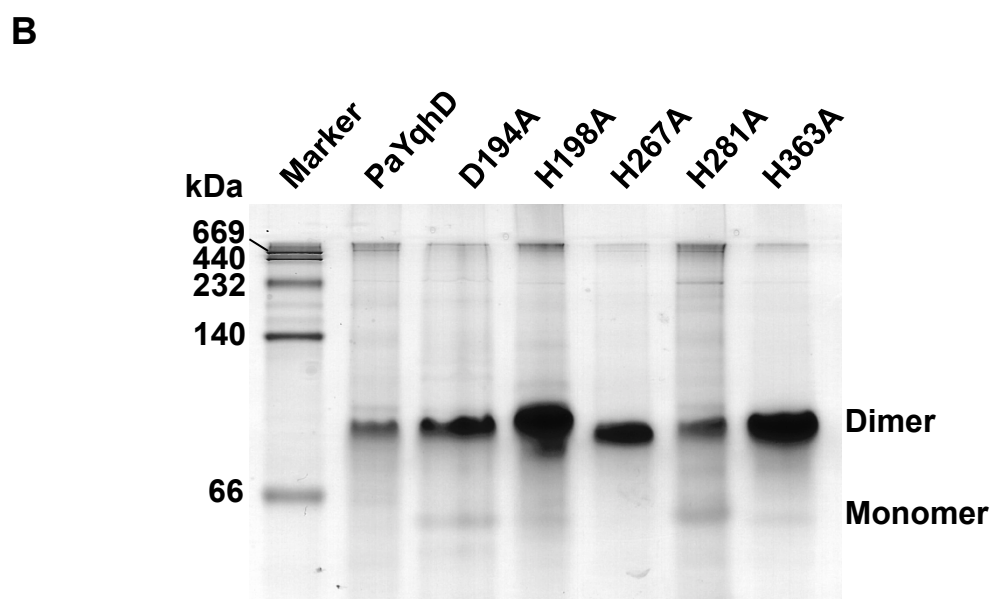
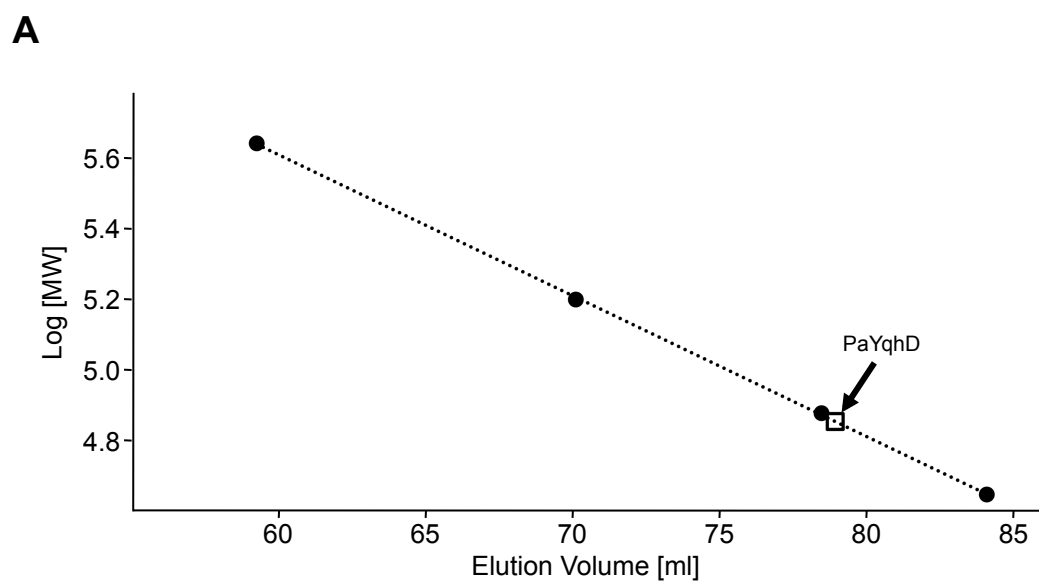


Fig. S1

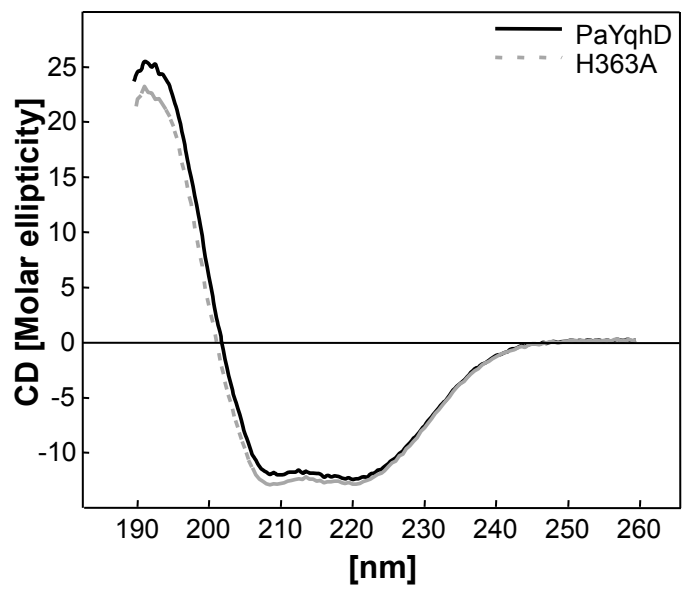
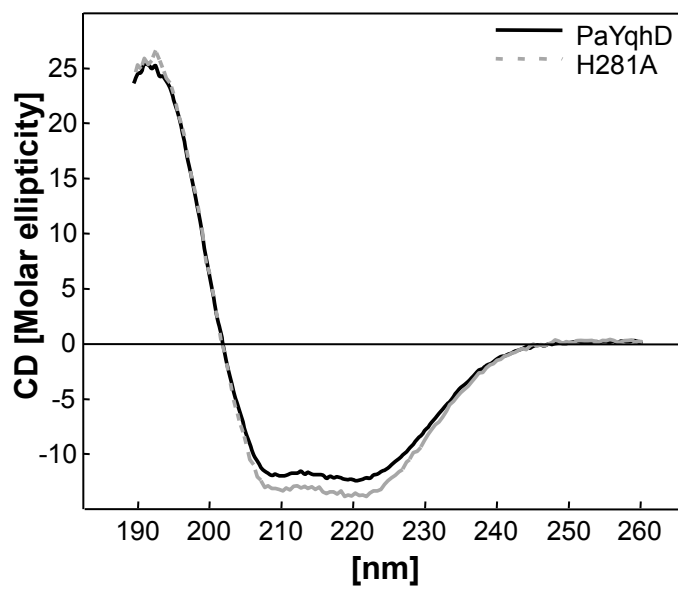
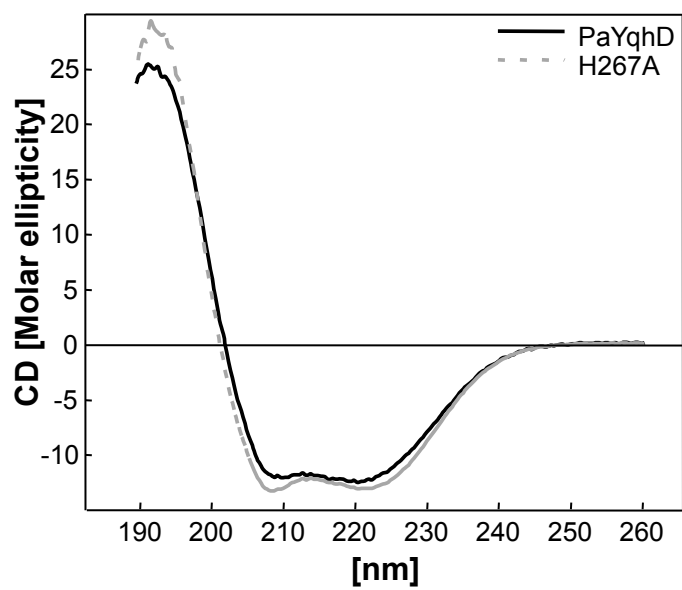
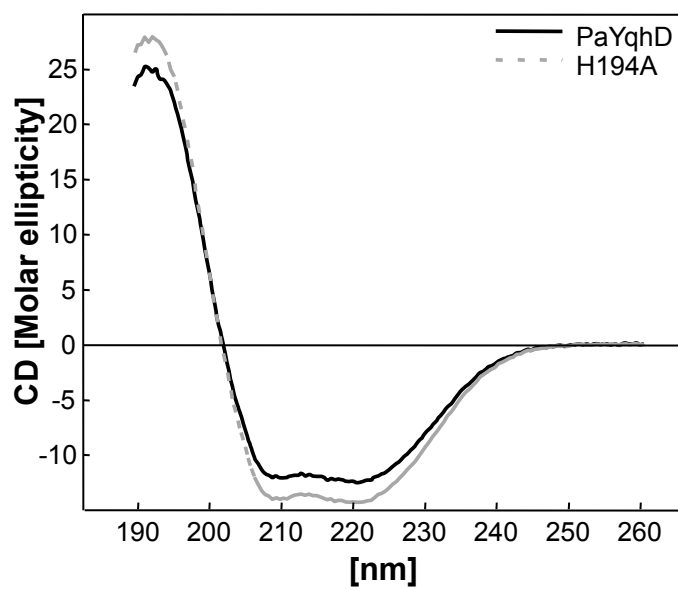


Fig. S2