SUPPLEMENTARY FILE ONE: Western Blots Images

A Comparative Study of Hummingbirds and Chickens Provides Mechanistic Insight on the Histidine Containing Dipeptide Role in Skeletal Muscle Metabolism

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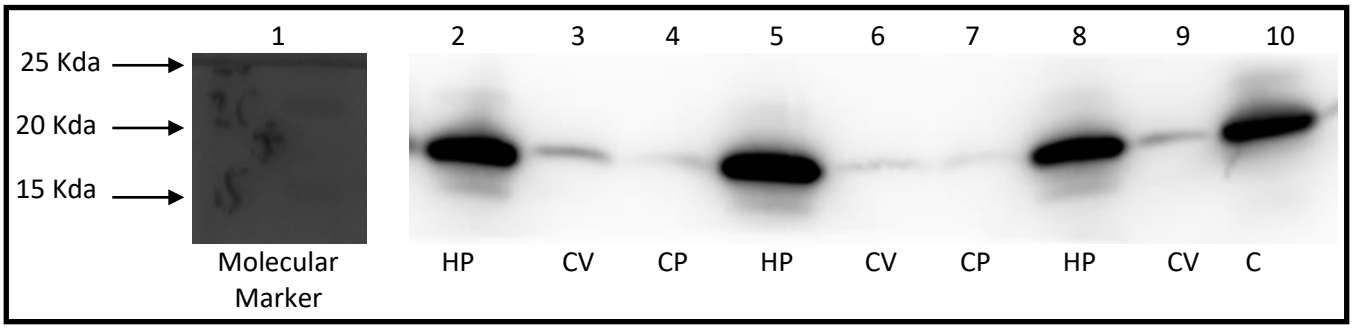
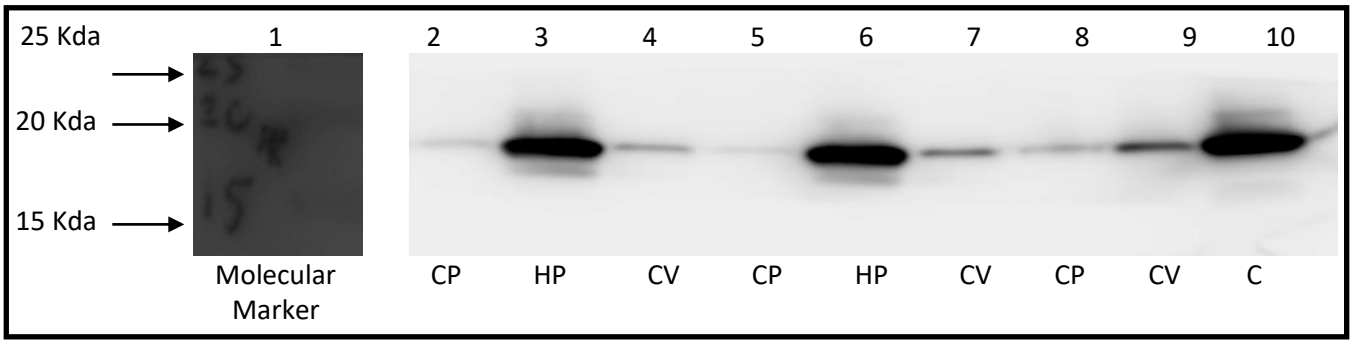
Complete COX IV (17kDa) gels:

Gel 1:



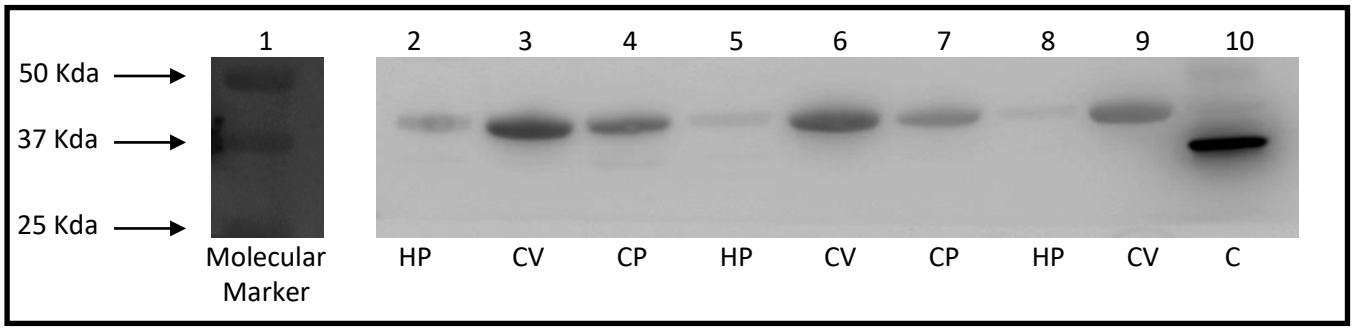
Gel 2:



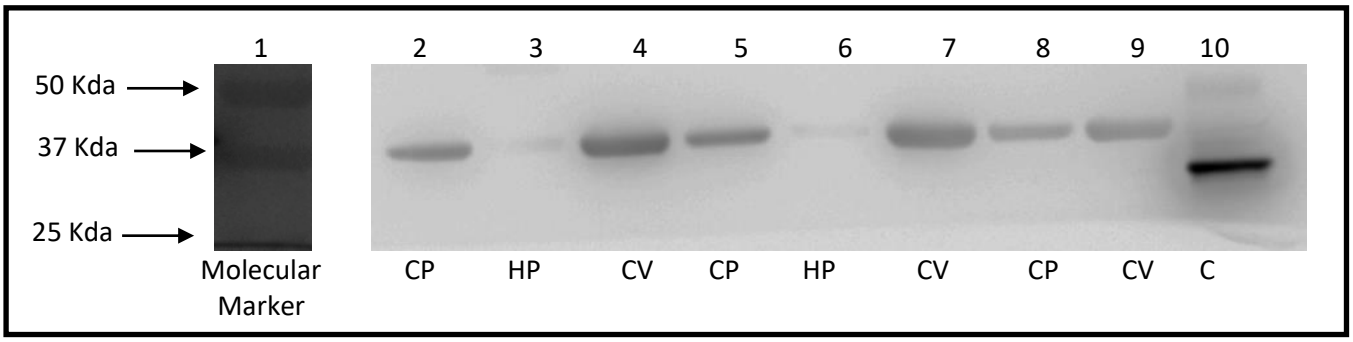
HP: Hummingbird *m. pectoralis*; CV: Chicken *m. vastus lateralis*; CP: chicken *m. pectoralis*; C: Control (human *m. vastus lateralis* with 40mg of protein)

Complete LDH (37kDa) gels:

Gel 1:



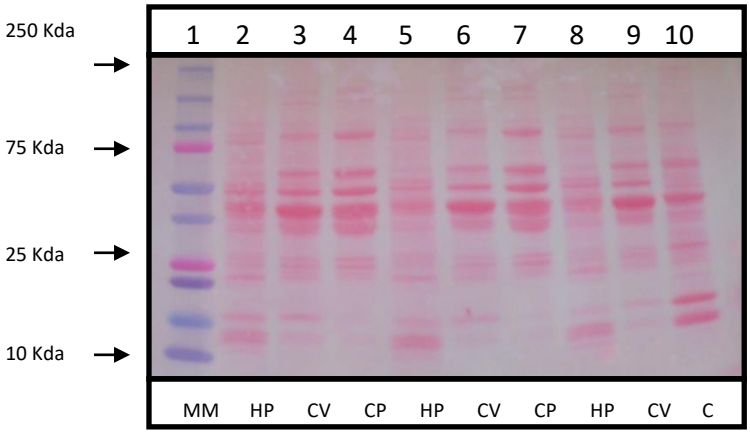
Gel 2:



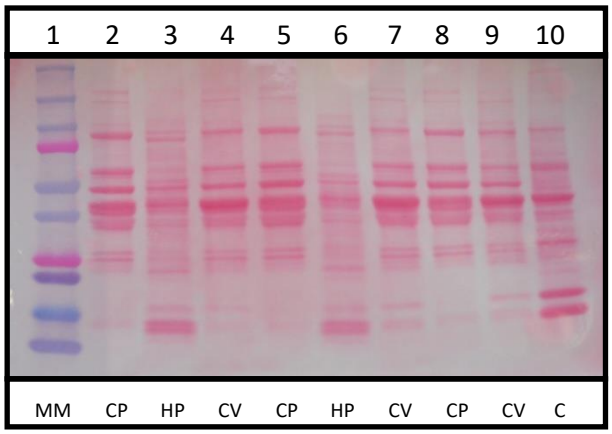
HP: Hummingbird *m. pectoralis*; CV: Chicken *m. vastus lateralis*; CP: chicken *m. pectoralis*; C: Control (human *m. vastus lateralis* with 40mg of protein)

Protein Transfer visualised using Ponceau Staining

Gel 1:



Gel 2:



MM: Molecular Mass Marker; HP: Hummingbird *m. pectoralis*; CV: Chicken *m. vastus lateralis*; CP: *Chicken m. pectoralis*; C: Control (human *m. vastus lateralis* with 40mg of protein)