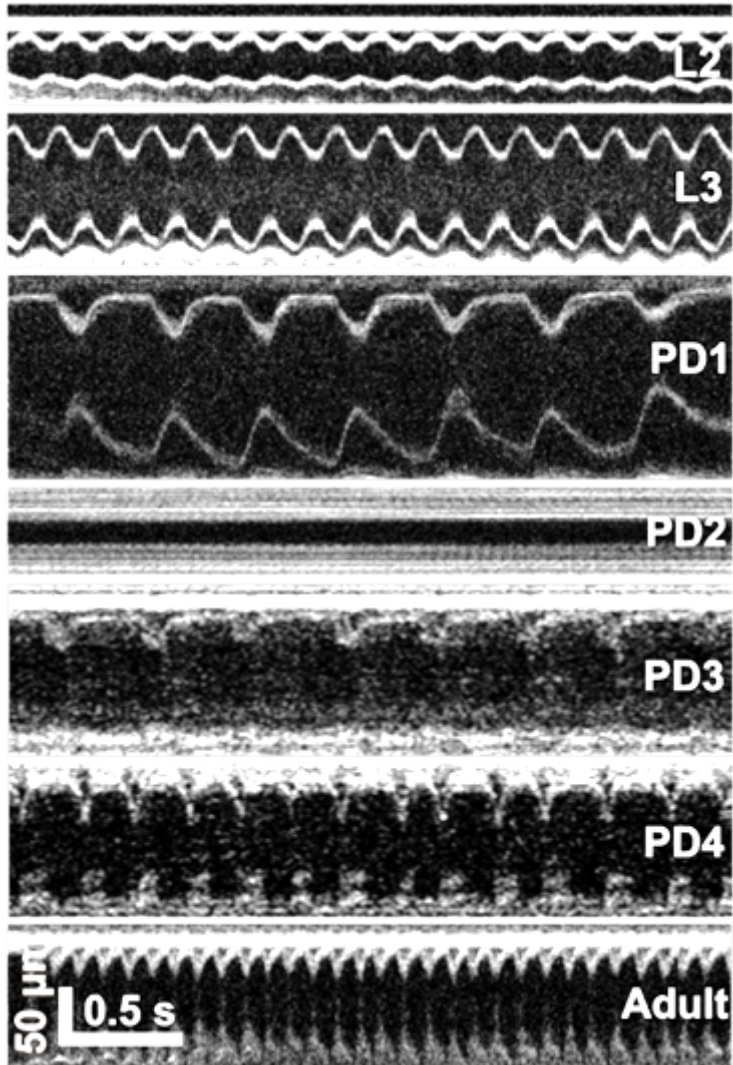
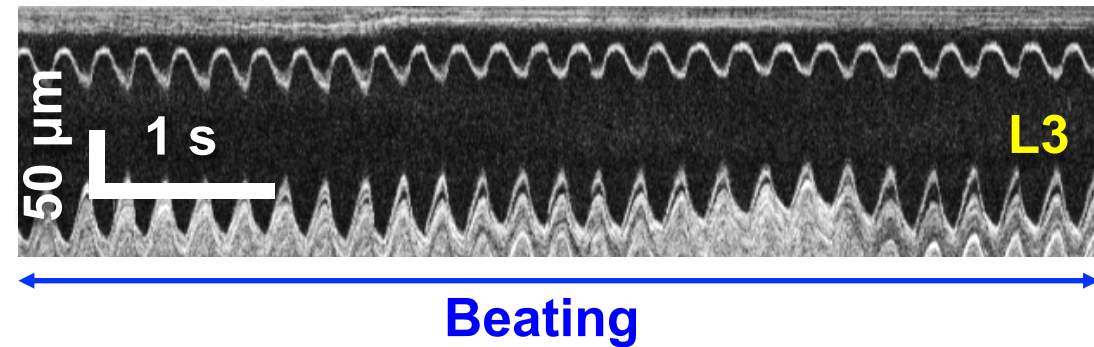
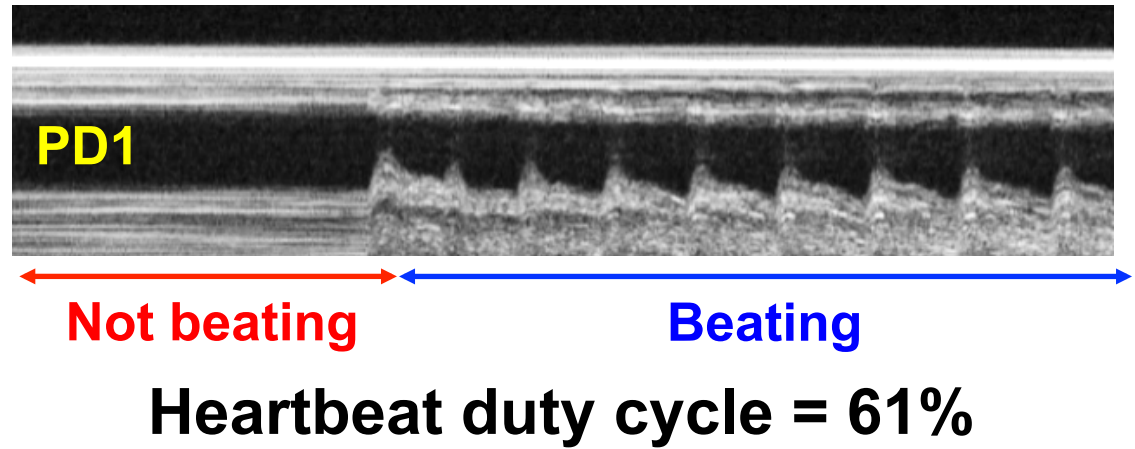


a Heart rate estimation



b Heartbeat duty cycle estimation



Heartbeat duty cycle = 100%