

**Figure S1.** Timeline of the seven day experimental protocol during which birds were treated with the lysozyme or control supplements (\* = supplement days). The timeline also indicates the points at which the lipopolysaccharide challenge was carried out, body mass and cloacal temperature data were collected (at t = 0 and t = 18 hrs, PRE and POST challenge). The square boxes on the timeline indicate the time periods when the birds were removed from their aviary and brought inside to fast (shaded area; from t = -4 to t = 0 hrs) and when metabolic measurements were taken (MR; from t = 0 to t = 18 hrs).

