

**Table S1.** The body weight (BW) of birds in different groups

Number	Group A (challenged-treated) <sup>1</sup>			Group B (challenge-untreated) <sup>2</sup>			Group C (unchallenge- untreated)
	Subgroup A1 <sup>3</sup>	Subgroup A2 <sup>4</sup>	Subgroup A3 <sup>5</sup>	Subgroup B1 <sup>3</sup>	Subgroup B2 <sup>4</sup>	Subgroup B3 <sup>5</sup>	
1	484.6 g	442.2 g	434.6 g	396.6 g	439.4 g	380.2 g	488.2 g
2	417.6 g	495.2 g	500.1 g	407.4 g	378.5 g	437.2 g	514.2 g
3	407.6 g	493.5 g	447.5 g	362.1 g	372 g	430.1 g	486.3 g
4	479.3 g	547.2 g	477.8 g	501.2 g	346.2 g	431.2 g	441.2 g
5	391.2 g	502.3 g	463.5 g	422.5 g	343.5 g	418.2 g	502.9 g
6	407.6 g	453.1 g	429.7 g	348.9 g	364.2 g	323 g	542.9 g
7	551.6 g	429.1 g	427.1 g	253.9 g	311.9 g	429.5 g	488.4 g
8	415.1 g	520.2 g	433.2 g	383.5 g	409.8 g	386.5 g	477.4 g
9	463.9 g	485.1 g	437.8 g	472.1 g	448.6 g	436.3 g	470.7 g
10	478.2 g	548.9 g	439.2 g	295.9 g	451.7 g	382 g	562.2 g
Average BW	449.67 g	491.68 g	449.05 g	384.41 g	386.58 g	405.42 g	497.44 g

<sup>1</sup> Star anise-cinnamon essential oil (SCEO) was supplemented in the drinking water.

<sup>2</sup> No SCEO was supplemented in the drinking water.

<sup>3</sup> *Salmonella pullorum* challenged group.

<sup>4</sup> *Salmonella give* challenged group.

<sup>5</sup> *Salmonella kentucky* challenged group.