

## Supplementary Material

**Table S6.** Least squares means  $\pm$  standard errors and level of significance for body weight measured at hatching, and different weeks of age under the effect of layer line (LL), generation (Gen), and their interaction.

Effect	Body weight (g)				
	Hatch	Week 21	Week 25	Week 49	Week 69
Layer line (LL)					
WLA	38.35 $\pm$ 0.37 <sup>a</sup>	1420.02 $\pm$ 15.79 <sup>b</sup>	1468.38 $\pm$ 16.19 <sup>b</sup>	1497.54 $\pm$ 20.46 <sup>b</sup>	1504.23 $\pm$ 22.26 <sup>c</sup>
R11	33.17 $\pm$ 0.36 <sup>c</sup>	1040.84 $\pm$ 15.60 <sup>c</sup>	1236.40 $\pm$ 15.99 <sup>c</sup>	1309.28 $\pm$ 20.21 <sup>c</sup>	1362.79 $\pm$ 21.99 <sup>d</sup>
BLA	39.35 $\pm$ 0.37 <sup>a</sup>	1584.15 $\pm$ 15.71 <sup>a</sup>	1663.55 $\pm$ 16.11 <sup>a</sup>	1821.81 $\pm$ 20.34 <sup>a</sup>	1838.10 $\pm$ 22.13 <sup>b</sup>
L68	34.84 $\pm$ 0.37 <sup>b</sup>	1568.91 $\pm$ 15.81 <sup>a</sup>	1714.92 $\pm$ 16.21 <sup>a</sup>	1837.91 $\pm$ 20.48 <sup>a</sup>	1923.44 $\pm$ 22.29 <sup>a</sup>
Generation (Gen)					
Gen 1	35.86 $\pm$ 0.26	1379.01 $\pm$ 11.17	1485.67 $\pm$ 11.45	1567.49 $\pm$ 14.47	1616.21 $\pm$ 15.76
Gen 2	37.00 $\pm$ 0.26	1427.95 $\pm$ 11.07	1555.96 $\pm$ 11.36	1665.79 $\pm$ 14.34	1698.07 $\pm$ 15.59
LL $\times$ Gen					
WLA $\times$ Gen1	37.77 $\pm$ 0.52	1376.72 $\pm$ 22.36	1415.84 $\pm$ 22.91	1460.33 $\pm$ 28.96	1443.48 $\pm$ 31.51
WLA $\times$ Gen2	38.93 $\pm$ 0.52	1463.31 $\pm$ 22.32	1520.93 $\pm$ 22.88	1534.75 $\pm$ 28.91	1564.98 $\pm$ 31.45
R11 $\times$ Gen1	32.64 $\pm$ 0.51	1027.33 $\pm$ 21.99	1222.77 $\pm$ 22.53	1284.20 $\pm$ 28.49	1338.12 $\pm$ 31.02
R11 $\times$ Gen2	33.69 $\pm$ 0.52	1054.36 $\pm$ 22.14	1250.04 $\pm$ 22.71	1334.37 $\pm$ 28.66	1387.45 $\pm$ 31.17
BLA $\times$ Gen1	38.84 $\pm$ 0.52	1549.66 $\pm$ 22.41	1627.91 $\pm$ 22.97	1767.90 $\pm$ 29.03	1804.33 $\pm$ 31.60
BLA $\times$ Gen2	39.87 $\pm$ 0.51	1618.63 $\pm$ 22.02	1699.19 $\pm$ 22.59	1875.73 $\pm$ 28.50	1871.86 $\pm$ 30.98
L68 $\times$ Gen1	34.18 $\pm$ 0.52	1562.32 $\pm$ 22.61	1676.16 $\pm$ 23.16	1757.53 $\pm$ 29.31	1878.89 $\pm$ 31.92
L68 $\times$ Gen2	35.51 $\pm$ 0.51	1575.50 $\pm$ 22.11	1753.67 $\pm$ 22.68	1918.30 $\pm$ 28.62	1968.00 $\pm$ 31.12
ANOVA significance level ( <i>p</i> value)					
	Layer line	Generation	LL $\times$ Gen		
Hatch	<0.0001	0.0019	0.9908		
Week 21	<0.0001	0.0020	0.3097		
Week 25	<0.0001	<0.0001	0.3907		
Week 49	<0.0001	<0.0001	0.2486		
Week 69	0.0003	<0.0001	0.6892		

Means within a column with different letters differ significantly (Tukey's HSD-Test,  $p < 0.05$ ).