

Embryonic Leucine Promotes Postnatal Growth via mTOR Signalling in Japanese Quails

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Table S1. Mean, standard deviation (SD) and standard error of the mean (SE) of body mass, head length, wing length and tarsal length of each day in each treatment

	treatment	day	Mean	Sample_Size (n)	SD	SE
Body mass (g)	Control	1	9.21	16	1.46	0.37
	Control	3	11.24	7	3.17	1.20
	Control	5	16.12	6	6.69	2.73
	Control	7	25.53	6	9.93	4.05
	Control	10	30.60	6	12.86	5.25
	Control	14	39.98	6	17.49	7.14
	Control	21	64.54	5	20.27	9.06
	Leucine	1	9.89	20	1.14	0.26
	Leucine	3	17.56	11	3.86	1.16
	Leucine	5	26.20	9	5.86	1.95
	Leucine	7	40.44	8	6.68	2.36
	Leucine	10	51.13	8	8.05	2.85
	Leucine	14	69.73	8	10.77	3.81

	Leucine		94.31	8	12.40	4.38
Head length (mm)	Control	1	20.08	16	1.12	0.28
	Control	3	22.39	7	1.27	0.48
	Control	5	23.97	6	1.23	0.50
	Control	7	24.67	6	1.51	0.61
	Control	10	28.30	6	2.35	0.96
	Control	14	29.27	6	3.96	1.62
	Control	21	30.36	5	1.34	0.60
	Leucine	1	19.73	20	1.21	0.27
	Leucine	3	23.12	11	2.36	0.71
	Leucine	5	25.79	9	1.26	0.42
	Leucine	7	28.19	8	1.99	0.70
	Leucine	10	31.70	8	1.56	0.55
	Leucine	14	33.38	8	0.89	0.32
	Leucine	21	34.53	8	0.96	0.34
Wing length (mm)	Control	1	15.25	16	1.20	0.30
	Control	3	17.04	7	1.40	0.53
	Control	5	22.53	6	4.09	1.67
	Control	7	25.33	6	6.25	2.55
	Control	10	38.87	6	6.05	2.47
	Control	14	46.22	6	12.61	5.15
	Control	21	57.68	5	13.99	6.25
	Leucine	1	15.32	20	0.97	0.22
	Leucine	3	17.84	11	1.58	0.48
	Leucine	5	25.93	9	1.47	0.49
	Leucine	7	32.06	8	3.40	1.20
	Leucine	10	50.79	8	6.30	2.23
	Leucine	14	61.51	8	8.36	2.96
	Leucine	21	70.50	8	8.23	2.91
Tarsus length (mm)	Control	1	16.18	16	0.89	0.22
	Control	3	17.76	7	0.90	0.34
	Control	5	20.73	6	1.78	0.73
	Control	7	21.17	6	2.14	0.87
	Control	10	24.87	6	3.39	1.38
	Control	14	26.70	6	4.03	1.65
	Control	21	29.20	5	2.34	1.05
	Leucine	1	16.02	20	1.28	0.29
	Leucine	3	20.18	11	2.45	0.74
	Leucine	5	23.10	9	0.90	0.30
	Leucine	7	24.39	8	1.34	0.47

Leucine	10	28.90	8	1.00	0.36
Leucine	14	31.73	8	0.94	0.33
Leucine	21	33.70	8	1.65	0.58