

Supplemental Table 1.

The relative mRNA expression levels of the *cGHRL*, *cGHSR*, *dGHRL* and *dGHSR* genes in 18 tissues of adult birds.

No	Tissues	<i>cGHRL</i> gene ($\times 10^{-5}$)		<i>dGHRL</i> gene ($\times 10^{-5}$)		<i>cGHSR</i> gene ($\times 10^{-5}$)		<i>dGHSR</i> gene ($\times 10^{-5}$)	
		HB	LY	PT	SW	HB	LY	PT	SW
1	pituitary	93.25±24.424	24.15±11.45	67.64±24.55	38.85±24.55	279.25±105.68	103.97±129.44	120.01±64.62	215.61±72.25
2	cerebrum	57.17±10.15	31.63±10.15	11.29±10.34	28.11±11.33	408.73±155.34	68.33±155.34	33.64±7.95	36.68±8.71
3	lung	21.94±3.48	3.10±3.51	19.33±6.98	3.10±5.40	29.88±59.22	136.56±48.35	3.00±1.38	2.86±1.23
4	abdominal fat	9.38±71.31	90.52±63.78	24.16±175.06	396.00±175.06	356.54±197.32	370.17±216.15	15.90±15.26	19.02±13.65
5	liver	2.29±0.73	1.31±0.51	8.00±3.21	44.12±18.53	102.01±172.91	417.30±149.74	3.32±0.85	1.69±0.56
6	testicle	10.56±4.97	1.03±9.94	300.83±210.80	3.22±21.80	144.45±47.58	109.09±95.16	36.77±49.06	102.11±49.06
7	gizzard	22.21±11.67	2.01±1.17	2.64±3.38	8.33±3.38	87.23±46.32	46.34±50.74	3.35±1.54	0.98±1.69
8	subcutaneous fat	563.00±326.60	79.98±24.89	44.05±46.54	1407.61±424.86	526.57±115.81	277.08±87.55	161.60±60.46	19.39±55.19
9	spleen	9.16±5.32	1.92±5.32	0.44±2.53	5.33±1.46	127.21±165.97	428.13±165.97	3.32±1.57	0.63±1.11
10	kidney	14.34±2.67	2.87±2.67	8.29±5.79	8.85±5.29	29.87±9.91	15.19±11.44	9.98±7.48	13.60±7.48
11	leg muscle	20.31±4.20	7.52±4.60	39.72±39.30	56.02±35.15	528.06±214.07	2.55.95±262.18	12.56±6.50	10.18±5.93
12	urophygial gland	5.91±2.61	5.89±2.38	504.55±214.64	44.80±235.13	387.06±173.18	125.16±158.09	2.71±2.23	3.73±2.23
13	hypothalamus	164.10±124.04	3.90±15.19	4.45±8.10	21.90±9.06	229.63±51.19	38.97±56.08	45.38±23.34	110.67±25.57
14	small intestine	102.88±33.16	7.35±36.33	11.19±10.40	13.06±8.49	58.80±59.92	139.90±73.39	889.32±22.37	60.21±18.26
15	cerebellum	10.91±4.19	6.35±4.20	2.75±2.84	6.85±2.84	67.06±23.68	64.36±23.68	71.12±11.51	44.61±12.60
16	heart	77.74±41.60	3.77±46.51	7.38±19.13	30.04±13.53	345.61±119.56	255.58±119.56	25.84±10.75	5.32±8.77
17	breast muscle	106.14±42.23	37.70±46.26	274.18±137.07	180.36±137.07	1160.93±832.10	6868.00±945.11	3.72±2.72	7.74±2.94
18	proventriculus	7142.13±4999.12	20709.25±6122.64	13157±1129.46	77603.88±1219.77	265.98±106.50	167.66±119.07	5.37±1.74	2.55±1.59