

**Supplementary Table 2.** G1 (offspring) organ weight.

	3 M		13 M		P		
	WHOLE		WHOLE		interaction	Age	Suppl
	C	HFA	C	HFA			
<b>pancreas (g)</b>	1.985±0.148(4)	2.298±0.157(5)	1.811±0.088(4)	1.769±0.118(5)	0.207	0.0206	0.3298
<b>liver (g)</b>	10.904±0.920(4)	11.347±0.657(5)	13.400±2.287(4)	15.452±2.180(5)	0.6403	0.0703	0.471
<b>heart (g)</b>	0.972±0.042(4)	1.059±0.051(5)	1.148±0.098(4)	1.359±0.111(5)	0.4748	0.0131	0.0975
<b>brain (g)</b>	2.021±0.077(4)	2.057±0.040(5)	1.511±0.047(4)	1.562±0.038(5)	0.8837	< 0.0001	0.4049
<b>mesenteric AT (g)</b>	2.911±0.225(4)	3.349±0.412(5)	13.119±1.604(4)	14.828±2.651(5)	0.7106	< 0.0001	0.5329
<b>gonadal AT (g)</b>	5.553±0.658(4)	6.061±0.892(5)	17.558±0.711(4)	17.691±2.448(5)	0.9048	< 0.0001	0.8379
<b>systolic blood pressure (mmHg)</b>	150.088±3.501(4)	149.365±1.306(5)	161.402±6.363(4)	154.697±3.606(5)	0.4512	0.0489	0.3523
<b>fat mass (g)</b>			231.600±45.720(4)	271.700±40.230(5)		0.5309 (t-test)	
	FEMALE				p		
	C	HFA	C	HFA	interaction	Age	Suppl
<b>pancreas (g)</b>	1.726±0.166(4)	2.043±0.144(5)	1.703±0.084(4)	1.517±0.081(5)	0.0625	0.0444	0.6093
<b>liver (g)</b>	7.928±0.227(4)	8.230±0.251(5)	11.060±1.321(4)	9.804±0.478(5)	0.2599	0.0032	0.4841
<b>heart (g)</b>	0.784±0.042(4)	0.869±0.043(5)	0.994±0.012(4)	1.064±0.026(5)	0.8309	< 0.0001	0.0402
<b>brain (g)</b>	1.906±0.122(4)	2.033±0.053(5)	1.472±0.038(4)	1.456±0.092(5)	0.398	< 0.0001	0.5098
<b>mesenteric AT (g)</b>	2.479±0.183(4)	2.731±0.314(5)	12.984±1.349(4)	11.105±1.200(4)	0.2427	< 0.0001	0.3672
<b>gonadal AT (g)</b>	4.413±0.463(4)	4.581±0.547(5)	17.993±1.128(4)	15.445±1.618(4)	0.1995	< 0.0001	0.2574
<b>systolic blood pressure (mmHg)</b>	145.675±5.441(4)	148.120±1.574(5)	157.046±6.423(4)	152.025±4.581(4)	0.4304	0.1198	0.7833
<b>fat mass (g)</b>			163.400±5.478(4)	162.300±15.920(5)		0.9556 (t-test)	
	MALE				P		
	C	HFA	C	HFA	interaction	Age	Suppl
<b>pancreas (g)</b>	2.406±0.058(4)	2.554±0.261(5)	2.123±0.183(2)	2.089±0.198(3)	0.7062	0.141	0.8106
<b>liver (g)</b>	14.461±1.309(4)	14.465±1.323(5)	22.885±2.675(2)	22.650±1.056(3)	0.9408	0.0003	0.9426
<b>heart (g)</b>	1.207±0.025(4)	1.250±0.073(5)	1.723±0.072(2)	1.729±0.066(3)	0.7974	< 0.0001	0.7293
<b>brain (g)</b>	2.164±0.083(4)	2.081±0.064(5)	1.680±0.020(2)	1.613±0.020(3)	0.9162	< 0.0001	0.3314
<b>mesenteric AT (g)</b>	3.316±0.407(4)	3.966±0.606(5)	15.223±3.683(2)	18.621±2.988(3)	0.4374	< 0.0001	0.2612
<b>gonadal AT (g)</b>	7.102±0.862(4)	7.540±1.386(5)	17.593±0.353(2)	20.699±2.913(3)	0.4703	< 0.0001	0.3423
<b>systolic blood pressure (mmHg)</b>	154.500±1.653(4)	150.610±1.835(5)	168.900±14.600(2)	163.122±3.696(3)	0.8351	0.0123	0.2996
<b>fat mass (g)</b>			429.000±20.570(2)	414.400±50.810(3)		0.8432 (t-test)	

Values represent means ± SEM (n). Two-way analyses of variance retrieved p values for the effect of age, folic acid supplementation (Suppl) and the interaction of these effects. Legend: 3 M, three months of age; 13 M, thirteen months of age; AT, adipose tissue; C, control; HFA, high folic acid group.