

SUPPLEMENTARY TABLE

Supplementary Table 1. The different expressed mRNA in the offspring of whose mother fed HSHF diet.

Symbol	N_fpkm	M_fpkm	log2(FC)	P-value	FDR	Significant
Rxrg	1.3000	8.5167	2.7308	2.61E-08	3.82E-05	up
Rarb	2.3933	6.8767	1.5945	5.05E-06	3.70E-03	up
Kpna2	14.5300	4.6467	-1.6530	3.77E-06	2.88E-03	down
Slc17a8	0.2867	0.9700	2.1646	6.12E-05	3.33E-02	up
Adora2a	1.3200	17.6900	3.8129	1.26E-27	1.20E-23	up
Rgs9	6.1533	42.7467	2.8179	1.25E-22	7.94E-19	up
Drd1	1.2067	8.0733	2.7902	5.61E-08	7.63E-05	up
Pde1b	34.1267	92.4600	1.5092	9.75E-07	8.85E-04	up
Adcy5	20.4867	48.9767	1.3243	1.07E-05	7.01E-03	up
Cd4	0.2133	3.3833	3.8388	6.68E-10	1.41E-06	up
Meis2	17.3900	41.5400	1.3304	1.01E-04	4.55E-02	up
Pdyn	2.6300	11.3500	2.1636	7.88E-07	7.90E-04	up
Syt6	5.4200	13.7333	1.4156	2.84E-07	3.00E-04	up
Ido1	0.0867	1.0033	3.5852	1.86E-06	1.48E-03	up
Drd2	2.1800	15.8833	2.9403	1.97E-13	7.50E-10	up
Rasgrp2	35.8433	70.9600	1.3913	9.38E-08	1.19E-04	up
Asic4	2.7333	8.6967	1.7342	8.60E-06	5.85E-03	up
Rasd2	14.8867	43.3400	1.6131	1.67E-06	1.38E-03	up
Dsg1c	0.0200	0.2133	3.4806	8.28E-06	5.84E-03	up
Six3	0.2800	3.4967	3.7379	1.73E-07	2.06E-04	up
Isl1	0.2533	2.5767	3.2344	1.49E-05	9.13E-03	up
Penk	97.9967	226.9467	1.2404	1.00E-04	4.55E-02	up
Gpr6	0.5867	6.8467	3.5876	2.19E-07	2.45E-04	up
Gng7	21.5200	71.1867	1.7225	8.33E-07	7.93E-04	up
Slc35d3	0.6433	3.3900	2.4592	1.45E-06	1.25E-03	up
Sh3rf2	0.1867	1.8233	3.6057	1.53E-10	4.15E-07	up
Serpina9	0.7500	5.3200	2.9103	1.91E-09	3.30E-06	up
Ppp1r1b	71.8133	167.5233	1.3000	1.34E-05	8.53E-03	up
Tac1	9.1000	51.9433	2.5360	4.38E-10	1.04E-06	up
Gm10184	0.1733	10.7800	5.9345	9.93E-29	1.89E-24	up
Gpr88	4.2200	53.4033	3.4044	9.59E-20	4.57E-16	up
Syndig11	6.5100	15.8800	1.3751	8.42E-05	4.11E-02	up
Lrrc10b	2.2600	16.3133	2.9145	7.49E-05	3.96E-02	up
Fam205a3	1.6233	4.7567	1.6366	7.94E-05	3.98E-02	up
Fam205a2	1.6233	4.7567	1.6366	7.94E-05	3.98E-02	up
Lhx8	0.0010	1.7533	8.5055	1.08E-09	2.07E-06	up
TCONS_00007919	0.4000	2.4333	2.6665	1.31E-08	2.08E-05	up
TCONS_00015012	0.0633	0.7033	3.4096	1.82E-05	1.05E-02	up
TCONS_00085226	1.3800	0.0533	-4.5407	1.03E-10	3.28E-07	down
TCONS_00104776	49.1267	8.1100	-2.5287	1.75E-05	1.04E-02	down
TCONS_00139120	0.7967	0.0533	-3.8060	1.03E-04	4.55E-02	down