Table S2. Prominent genes indicating differential gene expression specific to cell type, induced by dietary intervention. Top three genes are listed. For all genes, see Dataset S1.

			HFD 4 weeks		HFD 8 weeks		Washout	
Gene name	Chr	TSS [bp]	Foldchange	P	Foldchange	P	Foldchange	P
Hepatocyte								
Abcg1	20	9,126,687	1.9	8.3E-404	2.3	6.8E-479	1.7	2.2E-354
Scd	1	243,269,908	1.5	2.4E-235	1.7	2.6E-275	1.4	1.1E-174
Il1r1	9	42,540,359	1.4	6.7E-260	2.0	1.3E-723	1.0	2.0E-4
Wnt8b	1	243,370,489	1.7	1.6E-176	1.9	4.4E-207	1.5	3.8E-146
Dync2li1	6	9,992,540	2.0	4.8E-301	2.0	2.3E-231	1.2	1.3E-43
Il1r2	9	42,384,429	1.2	3.3E-136	1.6	3.1E-479	1.0	8.5E-13
Raph1	9	61,909,493	1.3	3.4E-263	1.2	1.2E-118	1.0	2.9E-15
LOC259245	5	75,201,464	0.8	7.0E-23	0.2	7.1E-475	1.2	2.7E-29
Igfbp1	14	82,047,415	0.9	3.2E-36	1.1	2.8E-7	0.7	1.6E-360
Zfp37	5	75,598,732	0.9	1.7E-44	0.6	1.6E-479	1.0	1.0E-2
Igfbp3	14	82,056,347	0.7	1.1E-114	0.9	1.0E-3	0.4	1.2E-644
Bhmt	2	24,859,871	0.6	6.0E-536	0.8	1.6E-158	0.8	8.7E-127
Sqle	7	90,868,742	0.7	1.2E-403	0.8	4.6E-261	0.8	4.0E-430
Mug1	4	155,076,312	0.6	4.9E-376	0.5	1.1E-452	0.7	1.8E-274
Endothelial cell								
Hgf	4	18,677,101	1.1	5.5E-8	1.4	4.3E-43	1.2	9.4E-12
Ackr3	9	90,799,717	1.1	3.3E-5	1.3	1.4E-38	1.1	2.2E-10
Cfap126	13	83,526,657	1.1	4.1E-5	1.2	4.6E-32	1.1	1.3E-5
Cemip2	1	219,345,893	1.2	3.7E-30	1.1	3.0E-11	1.0	6.3E-2
Stab2	7	21,249,828	1.2	4.5E-29	1.0	2.9E-1	1.0	1.0E-2
Ankrd55	2	43,914,510	1.2	3.6E-28	1.0	1.2E-2	1.0	3.8E-2
Ice2	8	70,044,570	0.9	8.9E-12	1.0	1.6E-1	1.2	7.8E-28
Cryba1	10	62,608,381	1.0	4.4E-4	0.9	5.6E-16	1.1	6.9E-27
Olr1218	8	38,302,857	0.8	3.4E-18	0.9	1.4E-9	1.2	1.4E-28
Gip	10	80,968,410	1.6	2.8E-11	1.2	2.0E-3	0.6	3.1E-15
Tns3	14	83,173,649	1.1	1.5E-6	1.0	5.6E-5	0.9	1.3E-23
Il15	19	25,694,831	0.8	1.1E-27	0.9	2.4E-16	1.1	6.3E-15
Ccr5	8	123,752,423	0.8	1.3E-23	0.8	9.9E-22	1.2	8.7E-15
Aasdhppt	8	1,453,226	0.8	6.6E-30	0.9	3.0E-9	1.1	1.5E-6
Myo1c	10	60,503,659	1.0	9.2E-1	0.8	5.4E-20	0.9	1.9E-5
Cggbp1	11	2,565,732	0.8	1.2E-29	0.9	1.5E-9	1.1	2.0E-4
Arc	7	106,555,973	0.9	3.1E-4	0.8	4.0E-27	1.0	1.5E-1
Stellate cell								
Epn2	10	46,197,785	1.3	5.3E-18	1.1	4.0E-2	1.0	1.4E-1
Krt23	10	84,434,675	1.6	4.8E-7	1.9	1.2E-8	1.0	7.8E-1
Fam71a	13	102,742,988	1.6	1.0E-12	1.3	1.1E-2	1.0	5.4E-1
Scd	1	243,269,908	1.1	1.4E-2	1.3	1.5E-8	1.1	1.0E-1
Adarb1	20	11,222,595	1.1	5.8E-3	1.2	8.6E-9	1.0	9.3E-1
Pecam1	10	91,590,521	1.1	5.4E-15	1.0	3.9E-2	1.0	1.3E-2
Faslg	13	74,154,954	0.9	4.1E-2	1.0	4.1E-1	1.2	7.4E-9
Gli3	17	49,438,567	1.0	3.9E-1	0.9	1.2E-1	1.3	1.1E-9
Cyp2j3	5	111,220,046	1.0	2.4E-1	0.8	4.7E-4	1.3	1.7E-10
Amotl2	8	103,303,755	1.0	2.3E-1	0.8	1.3E-10	1.0	9.4E-2
Fbln5	6	120,899,220	0.9	1.3E-3	0.8	4.5E-10	1.1	3.8E-5
Msmo1	16	24,980,680	0.8	6.1E-17	1.0	7.5E-1	1.1	1.6E-2
Rgr	16	12,801,594	0.8	6.0E-15	0.9	1.2E-1	1.1	4.4E-3
Nlrp4	1	68,089,321	0.9	2.7E-1	0.9	1.6E-1	0.7	8.0E-7
Mup4	5	74,961,236	0.9	6.0E-1	0.8	7.5E-2	0.6	2.8E-7
RGD1305938	2	53,189,789	0.8	1.8E-14	0.9	4.1E-2	1.0	8.3E-1
Zfp37	5	75,598,732	0.9	2.8E-4	0.8	3.8E-10	1.0	4.2E-1
Cyp2c6v1	1	237,693,095	0.8	3.2E-5	0.8	5.1E-3	0.8	5.4E-8
Macrophage								
RT1-Db2	20	4,521,048	2.5	1.6E-36	2.1	2.9E-25	2.3	5.2E-23
RT1-Da	20	4,513,485	2.2	2.6E-42	1.7	5.0E-22	1.8	2.3E-20
Scd	1	243,269,908	1.6	5.5E-47	1.5	1.1E-47	1.1	5.6E-3
RT1-Db1	20	4,548,664	2.1	1.6E-41	1.5	1.5E-12	1.5	2.4E-10
Fabp9	2	91,592,306	2.2	5.5E-20	3.4	6.5E-40	0.9	9.8E-2
LOC102550325	2	174,693,445	1.1	5.9E-3	1.7	4.2E-40	1.1	3.2E-3
Klra2	4	164,950,581	1.1	2.3E-2	1.1	2.9E-1	1.6	1.4E-19
Tns1	9	75,495,801	1.1	5.2E-8	1.0	3.3E-4	0.8	1.1E-22
Cdc42ep4	10	98,772,613	1.0	1.3E-1	1.0	3.6E-3	0.8	9.9E-17
Npepo	17	1,815,405	1.0	1.2E-1	1.0	6.3E-2	0.9	2.3E-16
Rasgrp2	1	203,707,481	0.9	1.2E-3	0.7	2.2E-23	0.9	2.9E-2
Arhgap5	6	69,988,210	0.8	5.5E-44	0.9	4.2E-4	1.0	9.3E-1
Crybb3	12	43,557,103	0.8	1.6E-22	0.8	8.7E-23	1.0	3.3E-1
Gsta6	9	23,743,262	0.7	7.5E-46	0.8	4.1E-20	1.0	4.6E-1
Ehd3	6	21,640,861	0.8	2.8E-18	0.8	4.4E-24	0.9	1.1E-5
Fbxl21	17	8,061,292	0.6	7.5E-50	0.7	3.4E-17	0.9	9.5E-2