	F4/80 norm	Csf1r norm	Cd68 norm	Mcp1 norm	Pex11a norm
Correlation Affy vs qPCR	0.93	0.91	0.97	0.90	0.78
Correlation all Affy vs qPCR	0.91				

qPCR (normalized)

	Mouse ID	Emr1 norm	csf1r norm	Cd68 norm	Mcp1 norm	Pex11a norm
lean female	249	0.099529	0.136341	0.0424567	0.0398589	1.22178475
lean female	252	0.173499	0.235407	0.07462598	0.2467861	1.58676497
lean female	253	0.125104	0.141928	0.07197009	0.0998657	1.40378879
Ay female	295	0.422164	0.359747	0.37836599	0.461306	0.92717102
Ay female	297	0.412257	0.280105	0.19149332	0.5499843	1.21770327
Ay female	298	0.342528	0.28167	0.21130945	0.3961088	1.00354627
Ay female	299	0.429463	0.340361	0.15015506	1.2767626	1.49878574
ob-ob female	244	1.699962	1.760847	1.94762911	1.1877414	0.43850395
ob-ob female	245	1.537463	0.981773	2.52598203	1.3102594	0.47791985
ob-ob female	246	1.625299	1.84552	2.11311129	1.3237643	0.56599847
ob-ob female	247	0.487446	0.406984	0.56195915	0.607582	0.23245279
lean male	346	0.284421	0.600845	0.13870134	0.1008437	0.84813606
lean male	351	0.340613	0.432124	0.1708028	0.2327774	2.67779197
lean male	353	0.291978	0.823073	0.2145717	0.2045774	1.96708269
DIO male	324	0.781281	1.120855	0.61505331	3.262263	0.94289949
DIO male	326	1.410801	1.081716	1.13059086	3.3255251	0.65771577
DIO male	332	1.544777	1.167333	1.54124006	1.7361502	0.54682314
DIO male	338	2.017894	2.303236	1.44845446	1.9972807	0.55227027
ob-ob male	420	1.572362	1.049327	1.41785109	0.8757951	0.23893495
ob-ob male	421	2.672081	2.453906	3.3903318	1.2587805	0.33831355
ob-ob male	422	2.415702	2.513515	2.70237547	1.7810634	0.38543989
ob-ob male	423	2.998098	3.040948	2.78685696	1.5603304	0.35247751

Microarray Expression (normalized)

	Emr1 norm	csf1r norm	Cd68 norm	Mcp1 norm	Pex11a norm
mat_249_ln_veh_f	0.053407	0.269	0.130212	0.157904	1.40552885
mat_252_ln_veh_f	0.183229	0.641805	0.136536	0.389453	2.26382085
mat_253_ln_veh_f	0.095846	0.379735	0.110674	0.187362	1.19883163
mat_295_ay_veh_f	0.458251	0.909475	0.459818	0.459382	1.04547563
mat_297_ay_veh_f	0.411639	0.38054	0.418869	0.363478	1.25174465
mat_298_ay_veh_f	0.357994	0.441893	0.417536	0.298492	1.02039547
mat_299_ay_veh_f	0.483285	0.465762	0.404165	0.770546	0.84691417
mat_244_ob_veh_f	2.003	1.339118	1.952184	1.136512	0.49371212
mat_245_ob_veh_f	1.674571	1.131786	1.864209	0.9111	0.51016715
mat_246_ob_veh_f	1.53247	1.118521	1.628631	0.990882	0.37014645
mat_247_ob_veh_f	0.741379	1.013071	0.452636	1.324636	0.41645299
mat_346_ln_veh_m	0.388154	0.865831	0.266409	0.184708	1.55870134
mat_351_ln_veh_m	0.26775	0.529984	0.272101	0.443923	1.60800526
mat_353_ln_veh_m	0.426183	0.847807	0.296314	0.267475	1.55331828
mat_324_dio_veh_m	0.458966	0.820228	0.55292	2.25783	1.08370758
mat_326_dio_veh_m	0.566734	0.960958	1.185052	2.731609	1.15729644
mat_332_dio_veh_m	1.710931	1.225022	1.57248	1.610091	0.56460945
mat_338_dio_veh_m	1.209525	1.397636	1.738379	2.569591	0.86287983
mat_420_ob_veh_m	2.385075	1.527271	1.857817	1.555322	0.40385174
mat_421_ob_veh_m	2.459582	2.190775	2.733388	1.49707	0.32573622
mat_422_ob_veh_m	2.7625	2.243728	2.553463	1.761626	0.24456214
mat_423_ob_veh_m	2.895779	2.116123	2.67141	1.737012	0.51836408

Supplemental Data Table 3 Confirmation of Microarray Gene Expression Measures by Quantitative RT-PCR. The expression of five genes (*Emr1, Csf1r, Cd68, Mcp1, Pex11a*) was confirmed by quantitative RT-PCR in each sample used to generate the microarray expression data. The Pearson correlation coefficient between the methods of gene expression ranged from (0.78-0.93).The protocol is described in the methods of the main paper.