

SUPPLEMENTAL TABLE 3

WY-responsive genes regulated in an opposite manner in wild-type and PPAR α -null mice

Anderson SP, Dunn C, Laughter A, Yoon L, Swanson C, Stulnig TM, Steffensen KR, Chandraratna RAS, Gustafsson J-A, and Corton JC (2004)
Mol Pharmacol doi:10.1124/mol.104.005496.

Gene Name	Gene Description	Sequence		WT-WY	P-value	KO-WY	P-value
		Code	Accession #				
Phlda1	pleckstrin homology-like domain, family A, member 1 EST	160829_at	U44088	2.95	0.0000159	-3.45	0
		99849_at	C85523	1.44	0.000000754	-1.43	0
Fmo5	flavin containing monooxygenase 5	160088_at	U90535	1.4	0 ^a	-1.62	0.000000772
Bckdha	branched chain ketoacid dehydrogenase E1, alpha polypeptide	96035_at	L47335	1.4	0.000329	-1.39	0.000488
Cox7c	cytochrome c oxidase, subunit VIIc	99661_r_at	X52940	1.34	2.81E-12	-1.22	1.37E-08
Uqcr-pending	ubiquinol-cytochrome c reductase subunit	99618_at	AI853523	1.31	0.000273	-1.2	0.0000736
Prodh2	proline dehydrogenase (oxidase) 2	103452_at	AA675075	1.3	0.0000178	-1.3	0
Slc25a5	solute carrier family 25, member 5	100617_at	U10404	1.19	0.00071	-1.2	0.0000558
Qpc-pending	low molecular mass ubiquinone-binding protein	93844_at	AW061302	1.17	0.0000124	-1.12	0.000264
Atp5l	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit g	93014_at	Y17223	1.16	0.0000789	-1.12	0.000625
0610007O07Rik	RIKEN cDNA 0610007O07 gene	96653_at	AI851762	-1.2	0	1.19	0
Catnb	catenin beta	160430_at	M90364	-1.25	0.0000511	1.18	0
Cyp2f2	cytochrome P450, family 2, subfamily f, polypeptide 2	100069_at	M77497	-1.34	0.000465	1.15	0.000517
Csrp2	cysteine-rich protein 2	93550_at	D88792	-1.34	0.000000639	1.31	0.000974
Serpina3c	serine (or cysteine) proteinase inhibitor, clade A, member 3C	102707_f_at	X61597	-1.45	2.41E-09	1.21	0
C730049F20Rik	RIKEN cDNA C730049F20 gene	96038_at	AI840339	-1.48	1.76E-08	1.32	0
Cox6c	cytochrome c oxidase, subunit VIc	162319_i_at	AV071102	-1.67	0.0000024	1.94	0.000881
Orm1	orosomuroid 1	100436_at	M27008	-1.73	0.000000089	1.28	0
Cfh	complement component factor h	94993_f_at	M29010	-1.82	5.81E-35	1.26	0.000613
AI194696	expressed sequence AI194696	92291_f_at	M29008	-1.86	0	1.21	0.000222
Cfh	complement component factor h	101853_f_at	M12660	-1.93	1.82E-33	1.26	0
Hsd3b2	hydroxysteroid dehydrogenase-2, delta<5>-3-beta	101659_at	M75886	-2.5	2.09E-12	1.36	0
Orm2	orosomuroid 2	94734_at	M12566	-3.85	0.000066	2.1	0.0000576
Saa2	serum amyloid A 2	100333_at	M13521	-14.29	2.68E-08	3.45	0.000014
Saa2	serum amyloid A 2	103465_f_at	U60438	-25	1.13E-10	4.5	0.00000543

^aRepresent p values < 10⁻⁴⁵ calculated by Rosetta Resolver.