

**Table S10: Genes differentially expressed with CR that have been validated by direct methods**

<b>Gene symbol</b>	<b>Up- or down-regulated</b>	<b>Organism</b>	<b>Tissue</b>	<b>Method</b>	<b>Reference</b>
Adh	Down	Mouse	Liver	Enzyme Activity Measurement	(Hagopian, et al., 2008)
Adh	Down	Rat	Liver	Enzyme Activity Measurement	(Feuers, et al., 1989)
Car3	Down	Mouse	Liver	qRT-PCR	(Dhahbi, et al., 2004)
Cyp2e1	Up	Rat	Liver	Enzyme Activity Measurement	(Ramaiah, et al., 2001)
Cyp2f2	Down	Mouse	Liver	qRT-PCR	(Tsuchiya, et al., 2004)
Cyp4a14	Up	Mouse	liver	qRT-PCR	(Corton, et al., 2004)
Cyp4a14	Up	Mouse	Liver	qRT-PCR	(Tsuchiya, et al., 2004)
Cyp7a1	Up	Mouse	liver	qRT-PCR	(Corton, et al., 2004)
G0s2	Down	Mouse	Liver	qRT-PCR	(Tsuchiya, et al., 2004)
Ghr	Down	Mouse	Liver	qRT-PCR	(Estep, et al., 2009)
Igfbp2	Up	Mouse	Liver	qRT-PCR	(Tsuchiya, et al., 2004)
Mt1	Up	Mouse	Liver	qRT-PCR	(Dhahbi, et al., 2004)
Mt1	Down	Mouse	Liver	qRT-PCR	(Tsuchiya, et al., 2004)
Mt1/2/3/4	Up	Mouse	Liver	cadmium- binding assay	(Kondoh, et al., 2002)
Mt2	Up	Mouse	Liver	Northern-blot analysis	(Waelput, et al., 2000)
Per2	Up	Mouse	Ovary	qRT-PCR	(Sharov, et al., 2008)
Pla2g12	Up	Mouse	liver	qRT-PCR	(Corton, et al., 2004)
Ppara	Up	Mouse	Liver	qRT-PCR	(Selman, et al., 2006)
Ppara	Up	Mouse	Liver	qRT-PCR	(Tsuchiya, et al., 2004)
Ppara	Up	Rat	Liver	sqRT-PCR	(Zhu, et al., 2004)
Sc5d	Down	Mouse	liver	qRT-PCR	(Corton, et al., 2004)
Serpinh1	Down	Mouse	heart	qRT-PCR	(Fu, et al., 2006)
Serpinh1	Down	Mouse	liver	qRT-PCR	(Fu, et al., 2006)
Serpinh1	Down	Mouse	hypothalamus	qRT-PCR	(Fu, et al., 2006)

Srebf1	Down	Mouse	Spleen	sqRT-PCR	(Lamas, et al., 2003)
Srebf1	Down	Rat	Liver	sqRT-PCR	(Zhu, et al., 2004)
Srebf1	Down	Rat	Kidney	Western blot	(Jiang, et al., 2005)
Wee1	Up	Mouse	Mammary gland	qRT-PCR	(Padovani, et al., 2009)

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