

Oral arginine supplementation protects female mice from the onset of non-alcoholic steatohepatitis, Amino Acids, Sellmann C, Degen C, Jin CJ, Nier A, Engstler AJ, Hasan Alkhatib D, De Bandt JP, Bergheim I. E-Mail: ina.bergheim@univie.ac.at, University of Vienna

Online Resource Table 2. Primer sequences used for real-time RT-PCR to determine expression of genes in liver tissue in female mice fed a C diet or WSD with or without Arg supplementation for 6 weeks.¹

Gene name	Forward (5' – 3')	Reverse (5' – 3')
<i>18S</i>	gta acc cgt tga acc cca tt	cca tcc aat cgg tag tag cg
<i>Acc</i>	ctt cct cct gat gag caa ctct	cgt gag ttt tcc caa aat aag c
<i>Bax</i>	tgc aga gga tga ttg ctg ac	gat cag ctc ggg cac ttt ag
<i>Bcl-xl</i>	atg gca gca gtg aag caa g	gca atc cga ctc acc aat acc
<i>Cpt-1</i>	gtg ttg gag gtg aca gac tt	cac ttt ctc ttt cca caa gg
<i>Fasn</i>	tct ggg cca acc tca ttg gt	gaa gct ggg ggt cca ttg tg
<i>Ir</i>	cat ccc gaa agc gaa gat cc	gag tcc tga ttg cat gcc tgc ag
<i>Irs-1</i>	gct cta gtg ctt ccg tgt cc	gtt gcc acc cct aga caa aa
<i>Scd-1</i>	ccg ata aaa ggg ggc tga gg	tgc tga gat cga gcg tgg ac
<i>Srebp-1c</i>	acc ggc tac tgc tgg act gc	aga gca aga ggg tgc cat cg
<i>Tlr-4</i>	agc cat tgc tgc caa cat ca	gct gcc tca gca gga ctt c

¹*18S* = 18S ribosomal RNA, *Acc* = acetyl-CoA carboxylase, *Bax*, BCL2-associated X protein; *Bcl-xl*, B-cell lymphoma extra-large; *Cpt-1* = carnitine palmitoyltransferase 1, *Fasn* = fatty acid synthase, *Ir* = insulin receptor, *Irs-1* = insulin receptor substrate 1, *Scd-1* = stearyl-CoA desaturase, *Srebp-1c* = sterol regulatory element-binding protein 1c, *Tlr-4* = toll-like receptor 4.