

Supplementary Table S4: Primers list

species			F
M	RNA	ASS1	TGTTCCGCCACTGTATCCAGAAGTC-3'
M	RNA	OTC	ACACTGTTTGCCTAGAAAGCC
M	RNA	ASL	CGGACTCCTGATGACCCTCAAGT
M	RNA	CPS1	ACATGGTGACCAAGATTCCTCG
M	RNA	ORNT	AGATAGCGGCCAGTCAGAATA
M	RNA	ARG 1	TGTCCCTAATGACAGCTCCTT
M	RNA	TFAM	AACACCCAGATGCAAACTTTCA
M	RNA	HNF4a	CACGCGGAGGTCAAGCTAC
M	RNA	CCL2	AAAACACGGGACGAGAAACCC
M	RNA	Alb	TGCTTTTTCCAGGGGTGTGTT
M	RNA	HPRT	TCTGGTAGATTGTCGCTTATCTTG
M	mtDNA	D-loop 1	AATCTACCATCCTCCGTGAAACC
M	mtDNA	ND4	AACGGATCCACAGCCGTA
M	mtDNA	Cyt B	GCTTTCCACTTCATCTTACCATTTA
M	nDNA	Tert	CTAGCTCATGTGTCAAGACCCTCTT
M	nDNA	Glucagon	CAGGGCCATCTCAGAACC
M	microRNA	miR 24	UGGCUCAGUUCAGCAGGAACAG

R

CCGCTCCTCTTTGTCAGGGTCTA
CCATGACAGCCATGATTGTCC
TGTACTGTTCCACGCTGTGACTGT
TTCCTCAAAGGTGCGACCAAT
CTCAGTTCATAGCCACCAAAGAA
GATCCACCCAAATGACACAT
GACTTGGAGTTAGCTGCTCTT
CCCAGAGATGGGAGAGGTGAT
ACGGGAACCTTTATTAACCCCT
TTACTTCCTGCACTAATTTGGCA
TAGATGCTGTTACTGATAGGAAATCGAG
TCAGTTTAGCTACCCCAAGTTTAA
AGTCCTCGGGCCATGATT
TGTTGGGTTGTTTGATCCTG
GCCAGCACGTTTCTCTCGTT
GCTATTGGAAAGCCTCTTGC