

Supplementary Table 7: ACTH-responsive genes differentially expressed between the high and low stress groups

Reference	Schimmer <i>et al.</i> 2006	Schimmer <i>et al.</i> 2006	Hazard <i>et al.</i> 2008	Hazard <i>et al.</i> 2008	Bureau <i>et al.</i> 2009	Bureau <i>et al.</i> 2009
Stimulus	ACTH	ACTH	ACTH	ACTH	ACTH	ACTH
Cell/Tissue type, species	Y1 adrenocortical mouse	Y1 adrenocortical mouse	whole adrenal pig	whole adrenal pig	whole adrenal chicken	whole adrenal chicken
Direction	up	down	up	down	up	down
Overlapping Genes (n)	39	23	9	6	8	1
	<i>AATF</i>	<i>AGT</i>	<i>ALAS1</i>	<i>A2M</i>	<i>ALAS1</i>	<i>SLU7</i>
	<i>ALAS1</i>	<i>CALM1</i>	<i>C5ORF32</i>	<i>DAB2</i>	<i>ATF4</i>	
	<i>ALG3</i>	<i>CCNG1</i>	<i>CREM</i>	<i>ENPP2</i>	<i>ICER</i>	
	<i>ANP32A</i>	<i>CTCF</i>	<i>FKBP1A</i>	<i>FDX1</i>	<i>HSD17B7</i>	
	<i>ARID4A</i>	<i>CUL1</i>	<i>LDLR</i>	<i>NFAT5</i>	<i>IDI1</i>	
	<i>ATF4</i>	<i>DDX20</i>	<i>MAOB</i>	<i>SELENBP1</i>	<i>SAR1A</i>	
	<i>AVP11</i>	<i>DNAJA2</i>	<i>OTUB1</i>		<i>SC4MOL</i>	
	<i>BACE1</i>	<i>FUBP1</i>	<i>RGS2</i>		<i>SQLE</i>	
	<i>CALU</i>	<i>GLO1</i>	<i>SFRS7</i>			
	<i>CNN1</i>	<i>IPO11</i>				
	<i>DGKA</i>	<i>NR3C1</i>				
	<i>DNAJB9</i>	<i>PHF14</i>				
	<i>EYA3</i>	<i>RAPGEF2</i>				
	<i>FDFT1</i>	<i>RPS24</i>				
	<i>GALE</i>	<i>SAFB2</i>				
	<i>GFPT1</i>	<i>SMARCA2</i>				
	<i>GNPNAT1</i>	<i>SMARCE1</i>				
	<i>HINT1</i>	<i>STAU1</i>				
	<i>HMGCR</i>	<i>TARDBP</i>				
	<i>IARS</i>	<i>TIMP2</i>				
	<i>IDI1</i>	<i>TOP2B</i>				
	<i>JARID1A</i>	<i>USP1</i>				
	<i>LDLR</i>	<i>ZKSCAN1</i>				
	<i>LYPLA1</i>					
	<i>MTHFD2</i>					
	<i>MYO10</i>					
	<i>NSF</i>					
	<i>PGM1</i>					

Supplementary Table 7 continued

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Stimulus	ACTH	ACTH	ACTH	ACTH	ACTH	ACTH
Cell/Tissue type, species	Y1 adrenocortical mouse	Y1 adrenocortical mouse	whole adrenal pig	whole adrenal pig	whole adrenal chicken	whole adrenal chicken
Direction	up	down	up	down	up	down

RNF128

RNF14

SC4MOL

SCARB1

SFRS12

SLC4A7

SQLE

TAX1BP1

THOP1

UBL3

VCP