

Supplementary Table S1 (Kasper). Thirty-seven mammalian proteins that interact with the CH1 domain regions of CBP or p300 *in vitro*. Official gene symbol and the general phenotype of mice with knockouts of the gene were from Mouse Genome Informatics (<http://www.informatics.jax.org/>). Not applicable (NA). Some interactions may not require the CH1 zinc-containing structure (Matt et al., 2004).

Cellular factor	Reference	Mouse gene symbol	KO phenotype
AIRE	(Pitkanen et al., 2000)	<i>Aire</i>	immune defects
β -catenin	(Sun et al., 2000)	<i>Catnb</i>	embryonic lethal
C/ATF	(Yukawa et al., 1999)	<i>Atf4</i>	eye & blood defects
Cdx-2	(Hussain and Habener, 1999)	<i>Cdx2</i>	embryonic lethal
CITED4	(Braganca et al., 2002)	<i>Cited4</i>	NA
E2F-1	(Chan and La Thangue, 2001)	<i>E2f1</i>	variety of defects
EID-1	(Miyake et al., 2000)	<i>Cri2</i>	NA
Ets-1	(Goodman and Smolik, 2000)	<i>Ets1</i>	T- & B-cell defects
Ets-2	(Jayaraman et al., 1999)	<i>Ets2</i>	embryonic lethal
Foxo4	(Fukuoka et al., 2003)	<i>Mllt7</i>	grossly normal
hHR23a	(Zhu et al., 2001)	<i>Rad23a</i>	grossly normal
HIF-1 α	(Goodman and Smolik, 2000)	<i>Hif1a</i>	embryonic lethal
HIF-2 α	(Gradin et al., 2002)	<i>Epas1</i>	variety of defects
HNF-1 α	(Eeckhoutte et al., 2004)	<i>Tcf1</i>	lethal/metabolic defects
HNF-4	(Goodman and Smolik, 2000)	<i>Hnf4a</i>	embryonic lethal
IRF-3	(Yang et al., 2002)	<i>Irf3</i>	NA
IRF-7	(Yang et al., 2003)	<i>Irf7</i>	NA
Mdm2	(Goodman and Smolik, 2000)	<i>Mdm2</i>	embryonic lethal
MSG1	(Yahata et al., 2000)	<i>Cited1</i>	variable lethality
Nrf2	(Kato et al., 2001)	<i>Nfe2l2</i>	metabolic defects
p35srj	(Bhattacharya et al., 1999)	<i>Cited2</i>	embryonic lethal
p53	(Chan and La Thangue, 2001)	<i>Trp53</i>	tumor prone
p65	(Goodman and Smolik, 2000)	<i>Rela</i>	embryonic lethal
p73	(Goodman and Smolik, 2000)	<i>Trp73</i>	variety of defects
Pax-6	(Hussain and Habener, 1999)	<i>Pax6</i>	variety of defects
PIMT	(Misra et al., 2002)	<i>Ncoa6ip</i>	NA
Pit-1	(Goodman and Smolik, 2000)	<i>Pit1</i>	pituitary defects
Prothymosin- α	(Subramanian et al., 2002)	<i>Ptma</i>	NA
RXR	(Goodman and Smolik, 2000)	<i>Rxra</i>	embryonic lethal
Smad4	(de Caestecker et al., 2000)	<i>Smad4</i>	embryonic lethal
SNIP1	(Kim et al., 2001)	<i>Snip1</i>	NA
SRCAP	(Monroy et al., 2001)	<i>D030022P06Rik</i>	NA
SREBP-1a	(Toth et al., 2004)	<i>Sreb1</i>	metabolic defects
STAT2	(Goodman and Smolik, 2000)	<i>Stat2</i>	immune defects
SYT	(Chan and La Thangue, 2001)	<i>Ss18</i>	NA
Tal1	(Goodman and Smolik, 2000)	<i>Tal1</i>	embryonic lethal
TBP	(Goodman and Smolik, 2000)	<i>Tbp</i>	embryonic lethal

References for Supplementary Table S1

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