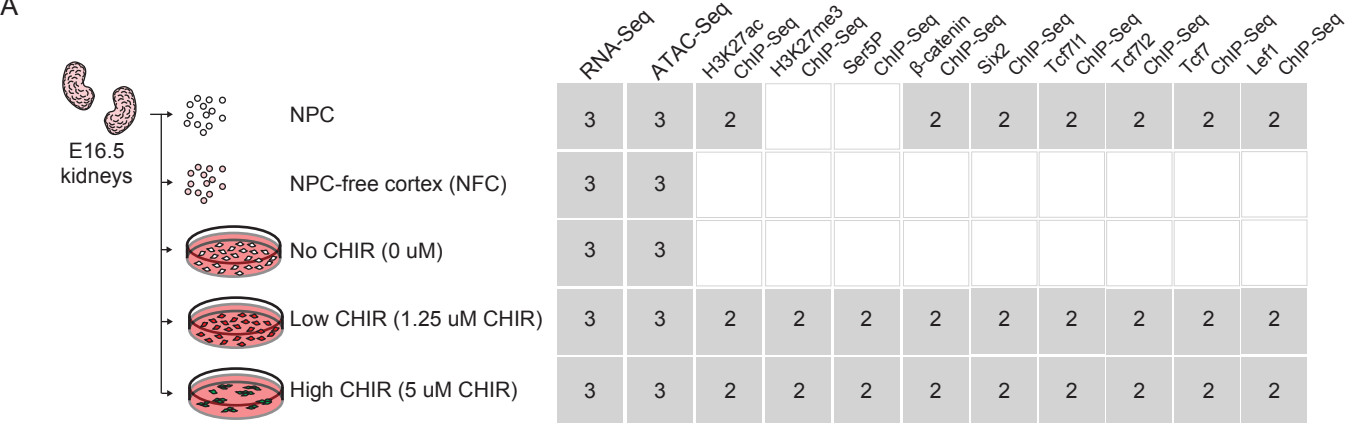
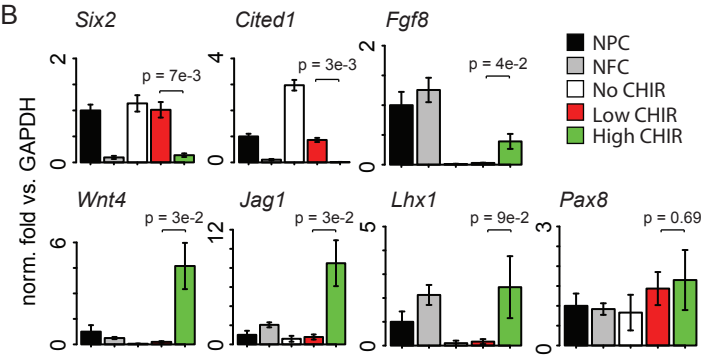


Fig. 1S1

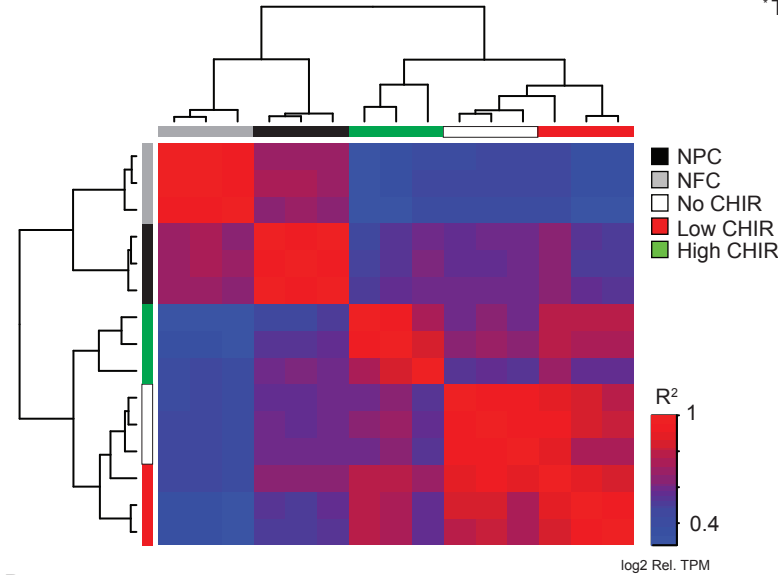
A



B



C



D

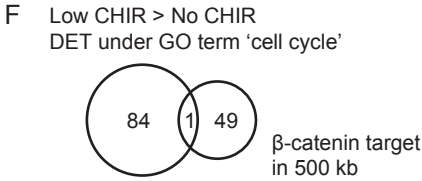
GO terms	#	p-adj	F.E.
<b>Low CHIR &gt; NPC (511 transcripts)</b>			
sterol biosynthetic process	16	3.0E-15	29.1
cholesterol biosynthetic process	16	1.5E-14	24.6
steroid metabolic process	17	8.9E-9	9.9
lipid metabolic process	35	4.9E-8	3.7
steroid biosynthetic process	14	1.3E-7	11.1
<b>NPC &gt; Low CHIR (283 transcripts)</b>			
response to mechanical stimulus	11	6.7E-6	14.3
multicellular organism development	34	1.7E-4	2.7
skeletal muscle cell differentiation	9	1.7E-4	13.4
positive regulation of transcription from RNA polymerase II promoter	32	5.2E-4	2.6
positive regulation of transcription, DNA-templated	23	6.9E-4	3.3

E

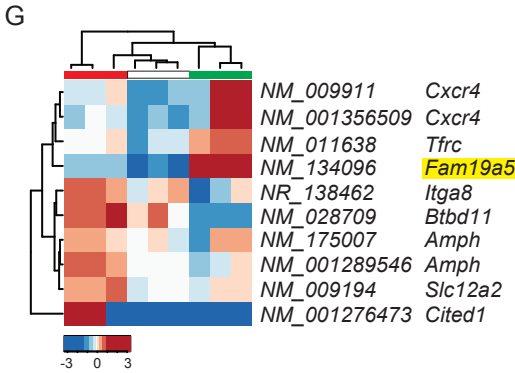
GO terms	#	p-adj	F.E.
<b>Low CHIR &gt; No CHIR (405 transcripts*)</b>			
cell cycle	95	2.1E-61	9.2
cell division	75	1.1E-55	12.0
mitotic nuclear division	66	1.3E-53	14.2
chromosome segregation	27	6.6E-23	18.1
DNA replication	26	8.1E-18	12.6
<b>No CHIR &gt; Low CHIR (201 transcripts*)</b>			
organ regeneration	7	1.3E-2	14.0
cell adhesion	16	1.8E-2	3.7
skeletal system morphogenesis	6	4.9E-2	12.5
response to estradiol	7	9.0E-2	7.8
positive regulation of apoptotic process	9	2.1E-1	3.7

\*These DE transcripts were identified with a different DE threshold (Table S1).

F



G



H

