

Supplementary table IA: Relative *in vivo* ChIP enrichments

gene	mouse chromosome	position on chromosome [bp]	rel. position [kb]	ChIP enrichment of DNA fragments bound by	
				HNF1 α	HNF1 β
<i>Umod</i>	7	107755844	-1.139	2.99	8.43
<i>Umod</i>	7	107755284	-0.579	1.18	2.59
<i>Pkhd1</i>	1	20940423	-52.555	0.99	1.16
<i>Pkhd1</i>	1	20928249	-40.381	0.52	0.52
<i>Pkhd1</i>	1	20926033	-38.165	0.77	1.62
<i>Pkhd1</i>	1	20925703	-37.835	1.05	1.78
<i>Pkhd1</i>	1	20923267	-35.399	9.55	15.01
<i>Pkhd1</i>	1	20922879	-35.011	10.35	13.95
<i>Pkhd1</i>	1	20900132	-12.264	0.79	0.95
<i>Pkhd1</i>	1	20891782	-3.914	0.80	0.78
<i>Pkhd1</i>	1	20888077	-0.209	5.09	10.28
<i>Pkhd1</i>	1	20887934	-0.066	4.69	11.12
<i>Pkhd1</i>	1	20881010	6.858	1.19	0.96
<i>Pkhd1</i>	1	20876689	11.179	0.81	1.50
<i>Pkhd1</i>	1	20875612	12.256	1.68	2.70
<i>Pkhd1</i>	1	20875419	12.449	1.20	2.98
<i>Pkhd1</i>	1	20838702	49.166	0.75	0.95
<i>Pkd2</i>	5	101556553	1.514	5.00	5.63
<i>Pkd2</i>	5	101573351	18.312	0.86	1.18
<i>Pkd2</i>	5	101575700	20.661	2.68	3.42
<i>Pkd2</i>	5	101576002	20.963	2.84	4.05
<i>Pkd2</i>	5	101606947	51.908	4.71	5.99
<i>Pkd2</i>	5	101607219	52.18	6.22	7.22
<i>Nphp1</i>	2	129432620	2.581	0.65	1.16
<i>Nphp1</i>	2	129417385	17.816	0.69	1.02
<i>Tg737/Polaris</i>	14	48088707	-6.64	1.51	2.30
<i>Tg737/Polaris</i>	14	48117867	22.52	0.84	1.21
<i>Tg737/Polaris</i>	14	48149412	54.065	0.84	1.03
<i>Tg737/Polaris</i>	14	48176968	81.621	0.85	1.14
<i>Pkd1</i>	17	23241631	4.065	0.53	0.62

Chromosomal positions pertain to the murine genome assembly based on the Ensembl Mouse release 15.30 which is built around the NCBI 30 composite assembly. Relative positions are calculated with respect to the putative transcriptional start site of each gene.

Supplementary table IB: Oligonucleotides used in ChIP experiments

gene	rel. position [Kb]	forward 5'->3'	reverse 5'->3'
<i>Umod</i>	-1.139	TGGCAGCAAGACATTCCTCAG	CCCAGAACCTTGGCACTGTTT
<i>Umod</i>	-0.579	CTAGTATTTTCAAATGATTGTGGTTGC	CATCTGGAATTATTTACCTGTTGC
<i>Pkhd1</i>	49.166	CTCACAACAAAGCCCCCTCA	GCATCTGCAATGCCATTAC
<i>Pkhd1</i>	12.449	ACCCAGGAGAAAACCTTAGTCCCC	AGCCGTCTAAGCACCTAGTGAGA
<i>Pkhd1</i>	12.256	CAGCCCTAATCAGGCATTCAG	CCATCAGCTTGGCTAAACAGC
<i>Pkhd1</i>	11.179	CAGAAAGACCCGCTGCATTT	TGCAGTTAATGAGAGGCATTCCG
<i>Pkhd1</i>	6.858	CACGCACACCCCCAATAGAC	GGAACATAACCTGATCGAAAGGAG
<i>Pkhd1</i>	-0.066	GTCCTGGCTAAACGTGCACC	TGCCCTGTGGTCATTTGTGA
<i>Pkhd1</i>	-0.209	GTCTAGCCAGTGTGACCAGTGG	TCTGGCACCTCCTTTCAGTTACT
<i>Pkhd1</i>	-3.914	TTTATTTGGACTGATGCTTTGAGG	GAATTTCCCCACCATGATGG
<i>Pkhd1</i>	-12.264	CTAACCTCCCAACAAGTCTCCG	GGCACCACAGTCACAGATTCTG
<i>Pkhd1</i>	-34.756	AGTGCCATTCATTTGTCCACC	TAACAGAGCATGGCGAGGC
<i>Pkhd1</i>	-35.011	ATGGAGTCCATTGTGAACATCG	TGGCCTTGAAGTGGATCCTT
<i>Pkhd1</i>	-35.399	GCCAAGAGAAAACACAGGACAGG	TGCAAAGCACAGAGGCCTTT
<i>Pkhd1</i>	-37.835	TCTCTTGTTCCCTGTCATCGAA	TGGTGATTTCAGCTTAGCAACTACAC
<i>Pkhd1</i>	-38.165	ACTCAGGCACAACCTGACTGG	AACAACGGAAGCAGCTGAGAA
<i>Pkhd1</i>	-40.381	CCACCACAGTGAGTCCTGGA	CTGAATCTTGCGTTTCGTGTGT
<i>Pkhd1</i>	-52.555	CCCTGTGCTGAGCTATCTTCTCA	AAGTGCGAAATGACGTAACAGGT
<i>Pkd2</i>	1.514	TCCAGGCAGTGTGAGTTAGGC	AGGACCAGGATTTGGATGGAG
<i>Pkd2</i>	18.312	TCCCATGATGTGGTGCTCAG	TTTTTCATTTCTCTCCAGCCT
<i>Pkd2</i>	20.661	GGAAAAC TAGCCCATGCAGG	CAGCCTTGATTCTTGGTCCCT
<i>Pkd2</i>	20.963	TGACGAATGGTAGTCCTCTGTCA	GCCAAGGTTTGATAGCCAGAGA
<i>Pkd2</i>	51.908	TTTATGATGTCGCAGCATTGG	CCATCCCCTACAGCAGTGGTT
<i>Pkd2</i>	52.18	AAACCAAGTGCCAGACAGATTTAAG	TTGTTTTGTGGTTCAAATTGAGTCTAC
<i>Nphp1</i>	2.581	TTTGGTAGCCCATTTTGGAGC	TGATTGGTCAGTCCCCTGTCA
<i>Nphp1</i>	17.816	CTCATGCCCAAGTTGATTTTCATAT	AAGAGCTCAGATCATTTCTAGTAACAGGA
<i>Tg737/Polaris</i>	-6.64	GCAGAGCAGGCAAAGAGCA	GGAACAGTGGCAGACAGAAGG
<i>Tg737/Polaris</i>	22.52	GGATCACACCTGCTAGAATGACC	AGCATCTCCATCAATACCTGTCC
<i>Tg737/Polaris</i>	54.065	ATTGGTAAGTTCAACATGGCAGAG	AAAGAAGGCTGGCAATTCCTT
<i>Tg737/Polaris</i>	81.621	ATGTCTTCAACAGCCCCTAG	GCTGGAGACTGAGAAATCCCG
<i>Pkd1</i>	4.065	TGAAGGCAGAGGCAAGATGG	CATGAACCAAGCTGGATCCA
<i>alpha-Actin 2</i>	-	GATGATATCCACGCGCAATG	GCTTCAAAGGACATCCAGAGTGT