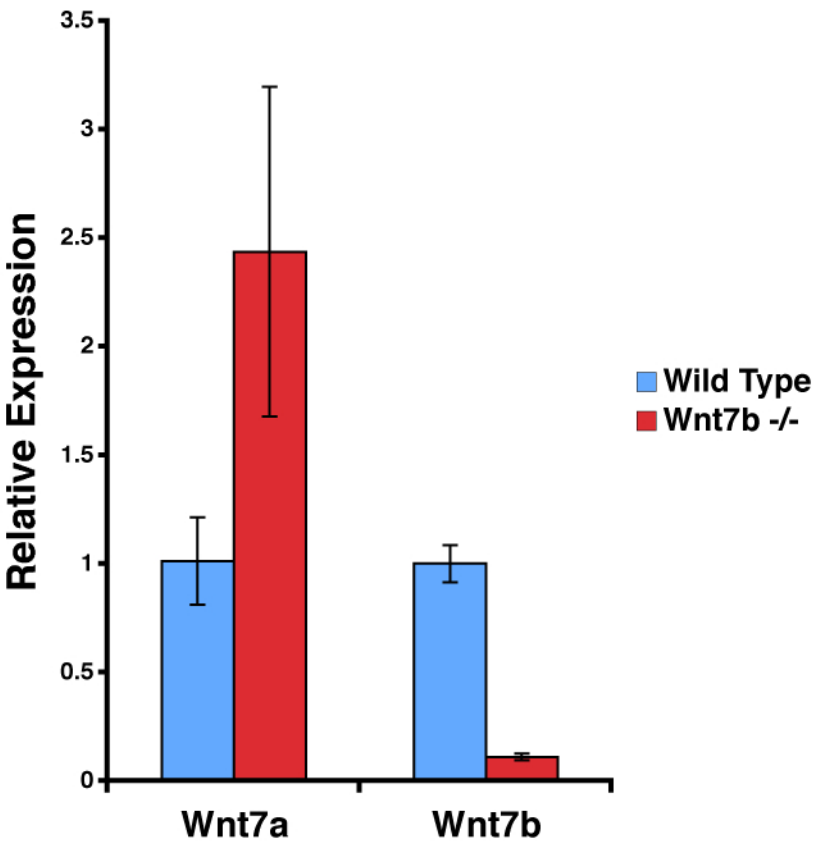
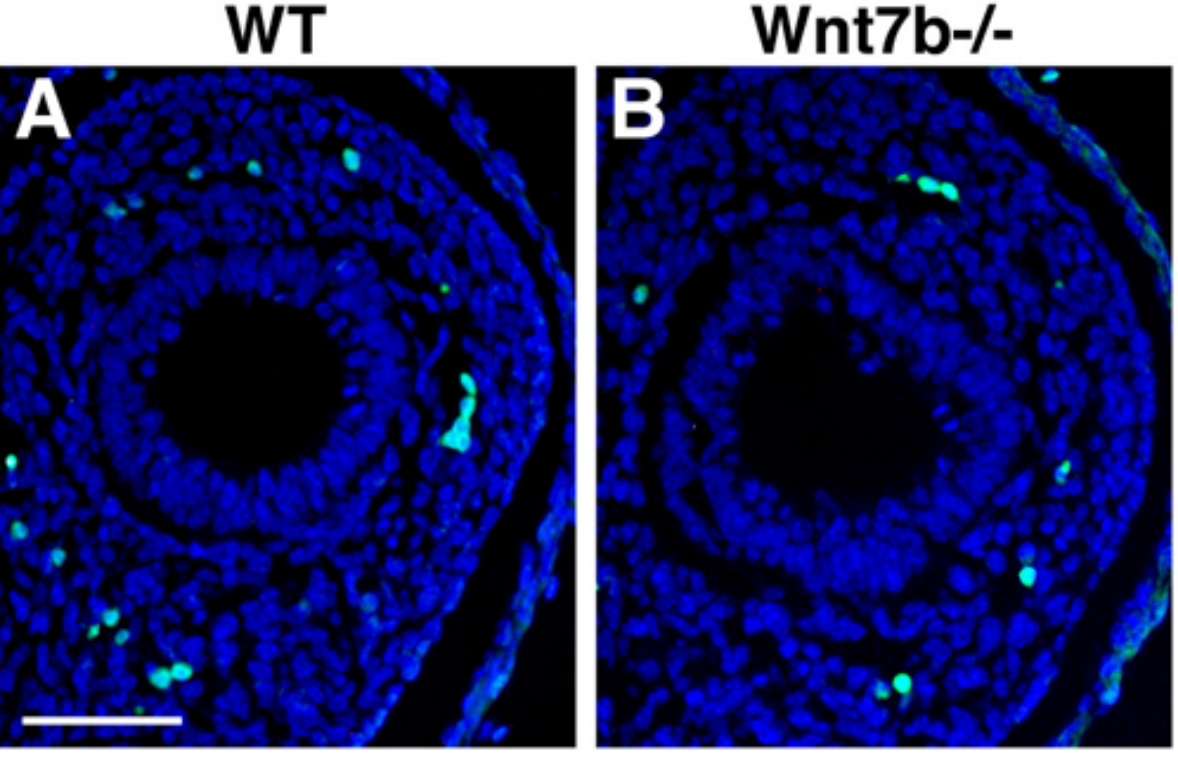
Supplemental Figure 1. Cohen et. al.



Supplemental Figure 2. Cohen et. al.



Supplemental Figure 1. Expression of Wnt7a is up-regulated in *Wnt7b*^{lacZ} null mutants lungs. Q-PCR was performed on wild-type and *Wnt7b*^{lacZ} mutants showing an over two-fold increase in Wnt7a expression at E11.5. *P<0.001, **P<0.01

Supplemental Figure 2. TUNEL analysis on wild-type and *Wnt7b*^{lacZ} null mutant lungs. TUNEL was performed on wild-type (A) and *Wnt7b*^{lacZ} null mutant (B) lungs at E10.5. No difference was observed either qualitatively or quantitatively (C). Scale bar: 250 μm.

Supplemental Table 1. PCR primers

	Forward:	Reverse:
Axin2(m)	CAGCCCTTGTGGTTCAAGCT	GGTAGATTCCTGATGGCCGTAGT
Calponin(m)	AGGCCAACGACCTGTTTGAA	CACATTGACTTTGTTTCCTTTTGTCT
GapdH(m)	AGGTTGTCTCCTGCGACTTCA	CCAGGAAATGAGCTTGACAAAGTT
PDGFRa(m)	TGCAGTTGCCTTACGACTCCAGAT	AGCCACCTTCATTACAGGTTGGGA
PDGFRb(m)	ACTACATCTCCAAAGGCAGCACCT	TGTAGAACTGGTCGTTCATGGGCA
SM-MHC(m)	GGTCGTGGAGTTGGTGGAAA	CTGCCATGTCCTCCACCTTAG
TnC(m)	TCCCCAAGAGAATTTACAGCTACAG	AGATTCATAGACCAGGAGGTATCCA
Wnt7a(m)	GGGTTATTTCCAGGTATCTGCATT	AGAGTTCAGAGTTGCAGTCTCACTGT
Wnt7b(m)	GGATGCCCGTGAGATCAAAA	CACACCGTGACACTTACATTCCA
Prrx1(m)	GCTTCGCGGAATTTCACAGA	CCTGGTACGTGCTCAGATAAAGCT
Axin2(r)	CCC GAA CTA TTT ATT CAA AAC ATG AC	TCT ATG GAT TTC AGA TCC CTA GGA A
GapdH(r)	AGC ATC TCC CTC ACA ATT CCA	TGA GGG TGC AGC GAA CTT TA
PDGFRa(r)	TGTTGATTGCAAGGCTATGTGGGC	AAACCACTGAGGCTTGTGACCCTA
PDGFRb(r)	TACAGCCAGAAGCAGTGAGAAGCA	AATGTAGATGGGCCCTCCTTTGGT
Prrx1(r)	GGA TGC TTT TGT ACG GGA AGA TC	GCT CAT TCC TGC GGA ACT TG
TnC(r)	GGT CCC TGA GGA GCA AAC TG	GGT GTC GCC ATT CAA CAT TG
TBE-1(m)	GAAAGACAGGCTTGTGCCACTGAA	TGGGCTGATTCAGATGTTGGTTGC
TBE-2(m)	ACCCTGAGCTAAGTACTACACCCT	CCAGCTGCCTGGAGGAATCTTTAT
TBE-3(m)	TATGCAAATGGTCCGTTAGCTGGC	TTGGTGAGTTAAAGGCACAGCCCT
NEG(m)(VegfD locus)	ACC TGC TCC TAT ACT GAT GTC CAG	AAA CAG AGG GCA TAG ACC CTG GGA TA

M=mouse primer, r=rat primer