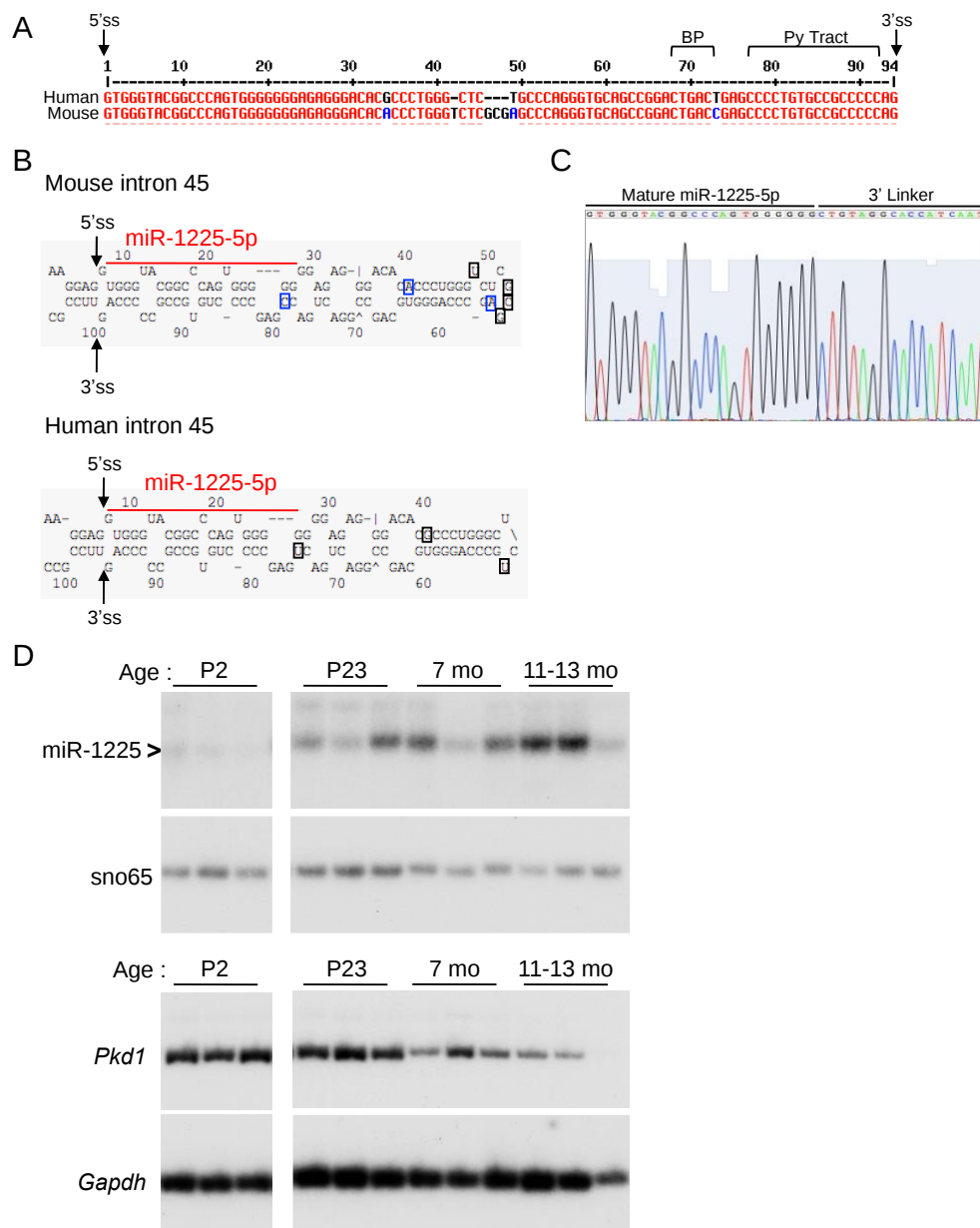




Supplemental Figure 2. *Pkd1* intron 45 and miR-1225 are highly conserved between mouse and human and are developmentally regulated. **A.** Alignment of mouse and human intron 45/pre-miR-1225. The cis-splicing sequences of the 3' and 5' splice sites (ss), branchpoint (BP) and polypyrimidine tract (Py tract) are indicated. **B.** The structure of intron 45 is also conserved between mouse and human. Structures were generated using mfold RNA folding software. The redline indicates the mature miR-1225-5p sequence, blue boxes on the mouse structure correspond to nucleotide differences indicated by boxes in the human structure. The black boxes on the mouse structure indicate nucleotides not present in the human sequence. **C.** Using 3' RACE on mouse kidney RNA the miR-1225-5p species was detected and confirmed by sequencing. **D.** miR-1225 and *Pkd1* expression are developmentally regulated in mice. Radiolabeled stemloop RT-PCR of mouse miR-1225 (left) and RT-PCR of *Pkd1* (right) expression. sno65 and *Gapdh* are used as normalization controls for *miR-1225* and *Pkd1*, respectively.