



Figure S3. Diaph2 expression in E14.5 and E16.5 wild-type mouse cochlea. **A.** Cross section of the cochlea of a E14.5 wild-type mouse embryo. At this stage, the scala vestibuli and scala tympani have not yet developed, and only one chamber – the developing scala media – is present. Also, the different cells composing the organ of Corti have not differentiated yet. Dorsal to the bottom. Scale bar: 100 μ m. **A'-A'''.** Higher magnification of the turns of the developing cochlear duct. Diaph2 expression is indicated by arrowheads. Scale bars 10 μ m. **B.** Cross section of the cochlea of a E16.5 wild-type mouse fetus. At this stage, the scala vestibuli and scala tympani begin to open starting from the base of the cochlea. Dorsal to the bottom. Scale bar: 100 μ m. **B'-B''''.** Higher magnification of the apical (B'), middle (B'', B''') and basal (B''') turns of the developing cochlear duct. Arrowheads point to Diaph2 expression. Scale bars 10 μ m.