



Figure 1. Schematic of the tip link and preliminary data. (A) Schematic of the molecular structure of the tip link apparatus. (B) Cryo-TEM image of PCDH15 extracellular domain bound to anti-PCDH15 Fab AuNP together with model of the complex. (C) FSEC analysis of anti-CDH23 Fab AuNP binding to CDH23 extracellular domain. (D) Wide field (i) and confocal (ii) images of cochlea on a grid. (E) Z-stack fluorescent image confirmed that stereocilia were located the target blocks. (F) SEM view of the target blocks. The red rectangle indicates the stereocilia like samples. The stereocilia and the hair cell soma are labeled with purple and green, respectively.