Figure S1. MLN4924 inhibits ciliogenesis by inhibiting cilia assembly and promoting cilia disassembly in multiple cell lines without G0/G1 phase change.
Figure S2. MLN4924 inhibition of cilia assembly is independent of CP110 and Cep97, but dependent of EGFR.
Figure S3. AKT1 involvement in MLN4924-induced cilia disassembly in RPE1 cells.
Figure S4. Effect of AKT family members and NDE1 on ciliogenesis.
Figure S5. pAKT-Thr<sup>308</sup> is responsible for inhibition of cilia growth in RPE1 cells.
Figure S6. Cross-talk between AKT1 and pVHL in regulation of ciliogenesis in RPE1 cells.
Before treatment

After 2 weeks treatment

Local application

s.c. Injection

Vehicle (70% EtOH)  MLN4924 (0.3 μM)

Vehicle (10% HPBCD)  MLN4924 (30mg/kg)

Figure S7. MLN4924 suppresses hair regrowth.