Supplementary Figure 1: Localization of SUMO1 and SUMO2 in MDCK cells. MDCKs transfected with HA:SUMO1 or HA:SUMO2, and immunostained with antibodies to HA and acetylated α-tubulin. Accumulation of these SUMO isoforms is not seen at the base of the cilia. Scale bar = 10µm
Supplementary Figure 2: Localization differences between ANO2 and ANO1. (A, B) ANO2:GFP co-localizes with acetylated tubulin in MDCK (A) and IMCD3 (B) cells, while ANO1:GFP does not. (C) Reconstitution of SUMO sites in ANO1, either individual or together, was not sufficient for ciliary localization in IMCD3 cells. (D) SUMO sites were not sufficient for cilia localization in olfactory cilia. Scale bars = 10µm.