



Figure 6 - figure supplement 1: PKD2 knockout does not alter swelling-activated I_{cat} in isolated mesenteric artery myocytes. **A:** Representative I-V relationships from the same isolated mesenteric artery myocytes of *Pkd2^{fl/fl}* or *Pkd2 smKO* mice in isosmotic (300 mOsm), hyposmotic (250 mOsm) and hyposmotic (250 mOsm) + Gd^{3+} (100 μ M) solutions. **B:** Mean data for hyposmotic-activated Gd^{3+} (100 μ M)-sensitive cationic current density at -100 and +100 mV (*Pkd2^{fl/fl}*, n=6 and *Pkd2 smKO*, n=6).