

Table 2 - Effects of ATP & UTP on SCCD transport. Effects of purinergic agonists on electrophysiology of ion transport.

	Initial			Δ Apical Membrane			Δ Basolateral Peak			Δ Basolateral Steady State		
	VT (mV)	RT (Ω - cm ²)	Isc (μ A/cm ²)	VT (mV)	RT (Ω - cm ²)	Isc (μ A/cm ²)	VT (mV)	RT (Ω - cm ²)	Isc (μ A/cm ²)	VT (mV)	RT (Ω - cm ²)	Isc (μ A/cm ²)
ATP (100 μ M) n=4	-1.49 $\pm$ 0.22	1752 $\pm$ 289	-0.87 $\pm$ 0.07	-0.05 $\pm$ 0.06 ns	17 $\pm$ 18 ns	0.04 $\pm$ 0.03 ns	0.51 $\pm$ 0.04 *	29 $\pm$ 21 ns	0.30 $\pm$ 0.09 *	0.87 $\pm$ 0.11 *	620 $\pm$ 118 *	0.24 $\pm$ 0.24 ns
UTP (100 μ M) n=3	-2.10 $\pm$ 0.43	1846 $\pm$ 29	-1.13 $\pm$ 0.23	0 $\pm$ 0 ns	0 $\pm$ 0 ns	0 $\pm$ 0 ns	0.70 (n=1)	0 (n=1)	7.07 (n=1)	1.25 $\pm$ 0.32 *	623 $\pm$ 129 *	2.18 $\pm$ 0.83 ns

*, significant change—paired t-test; ns, insignificant change. SCCD, semicircular canal duct epithelium. Times at which data were taken for this table are illustrated in Figure 1a by vertical arrows. When no discernible change in parameters was observed in all experiments of a series, the table entry is “0”.