

Table S2. Ion channels that induce ectopic eye tissue in *Xenopus*

Injected channels	Percentage ectopic eye tissue phenotype	References
DNKir6.1pore	34	Aw et al., 2010
DNKir6.1-ER retention	26	Aw et al., 2010
DNKir6.1R185Q	16	Aw et al., 2010
DNSUR2ApEW10	16	Aw et al., 2010
DNKvLQT-V244M	30	Wang et al., 1999
Bir10-ER retention	13	Fakler et al., 1996
Kv1.5	19	Strutz-Seebohm et al., 2007
Neonatal NaV1.5	10	Onkal et al., 2008
666 (chimera mouse Kir6.2 fused to C-terminus of Kir2.1)	30	Hough et al., 2000
rKNBC (Na ⁺ /HCO ₃) transporter	11	Romero et al., 2000

See also Fig. 3.