Supplemental Figure 2. (A) Corneal neurotization was performed on the left rat cornea using the right (contralateral) infraorbital nerve (ION) as a source of donor nerve fibers to reinnervate the cornea. (B) Regenerating axons from the transected ION were guided into the left cornea via two nerve grafts (sural nerve and common peroneal nerve), which were independently coapted to the contralateral ION. The two separate sites of coaptation for each nerve graft are demonstrated by two black rectangles. (C) The nerve grafts were tunneled subcutaneously into the orbit via superior and inferior conjunctival incisions. (D) Each nerve graft was tunneled below the conjunctiva into a perilimbal incision and sutured directly to the superior limbus, providing a pathway for regenerating axons from the donor ION to reinnervate the cornea. The donor ION is represented as green arrows in Panel B-D, the sural nerve by a blue arrow, and the common peroneal (CP) nerve by a yellow arrow.