



Figure S1. Immunohistochemical labelling of neuroepithelial cells (NECs) of nNOS knockdown zebrafish larvae (*Danio rerio*) with serotonin (5-HT) and nitric oxide synthase (nNOS). Double labelling of NECs with serotonin (5-HT) and nNOS shows negligible labelling of NECs with nNOS (green) in knockdown larvae at 4dpf. Scale bar = 50 μ m.