

Figure S1. Size-matched Nox4^{+/+} and Nox4^{-/-} mice examined by RNA in situ hybridization with anti-sense probe specific for NeuroD. Normal development of cranial and dorsal root ganglia is seen regardless of the genotype.

Lee et al. Figure S1

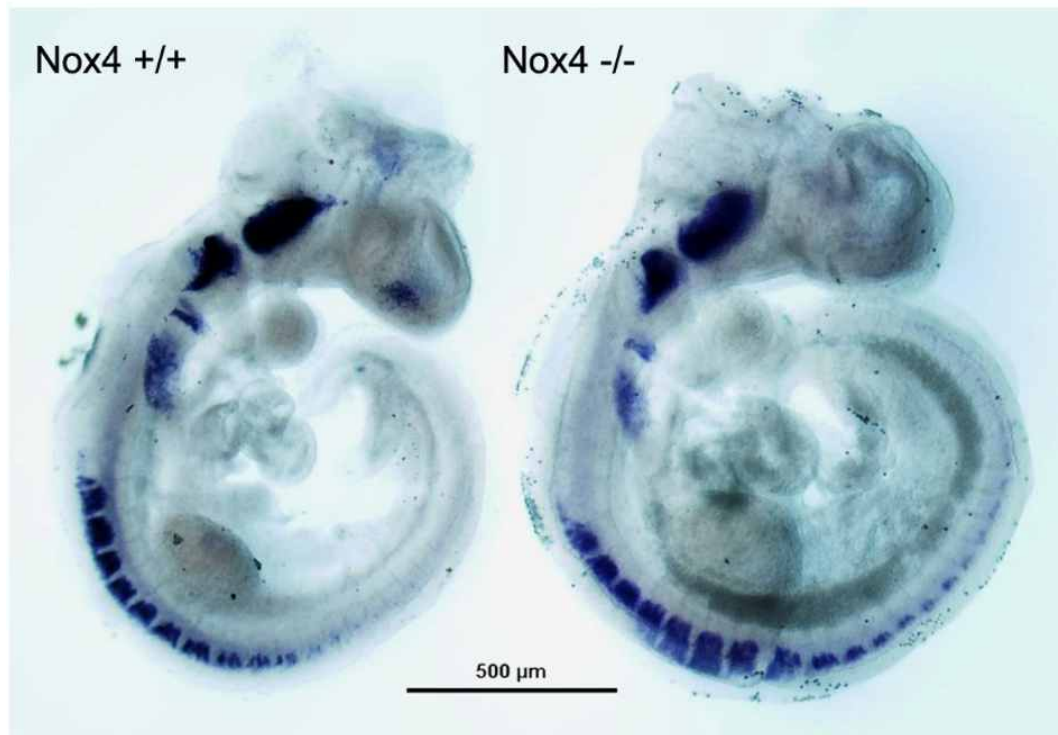


Table S1. RTPCR oligonucleotide primers for rat Nox isozymes

Gene (RefSeq ID)	Sequence
Nox1 (NM_053683)	sense - CACCTGCTCATTTTGCAACCACAC
	antisense - CAACTCCTTTCATACTTATCCCCTC
Nox2 (NM_023965)	sense - TCACATCCTCCACCAAACC
	antisense - GTATTGTCCCACCTCCATCC
Nox3 (NM_001004216)	sense - ATGCCGAGACTGGCAGTGGA
	antisense - CATCCAGACTTTCATCCCAGTG
Nox4 (NM_053524)	sense - CTCTACTGGATGACTGGAAACC
	antisense - GTCCCATATGAGTTGTTCCGGT
Duox1 (NM_153739)	sense - GGAAGTGCCGGAAGTGATCAAG
	antisense - TAGTATCGGTGATGCCGCTGTGG
Duox2 (NM_024141)	sense - AGGCACCGGGGACATCTTTAAG
	antisense - GGTTTCTTCAATGTCCGTGGGT
GAPDH (NM_017008)	sense - ACCACAGTCCATGCCATCAC
	antisense - TCCACCACCCTGTTGCTGTA

Table S2. Nox4 knockout mouse genotyping primers

WT-sense	5' TCTCTGATGAGTTACCAAGG 3'
KO-sense	5' CGAATATCATGGTGGAAAAT 3'
WT-Antisense	5' GAGCAAAAGCACTAACGTAG 3'