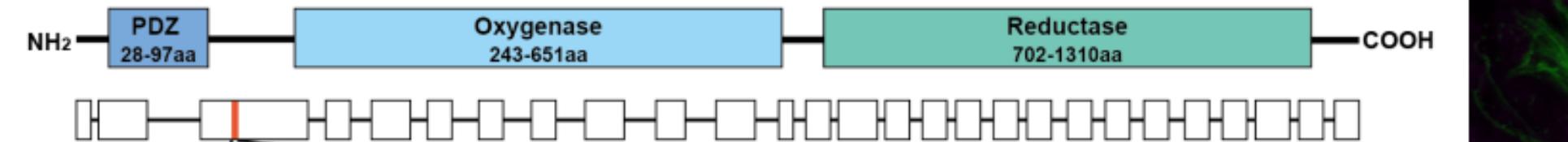


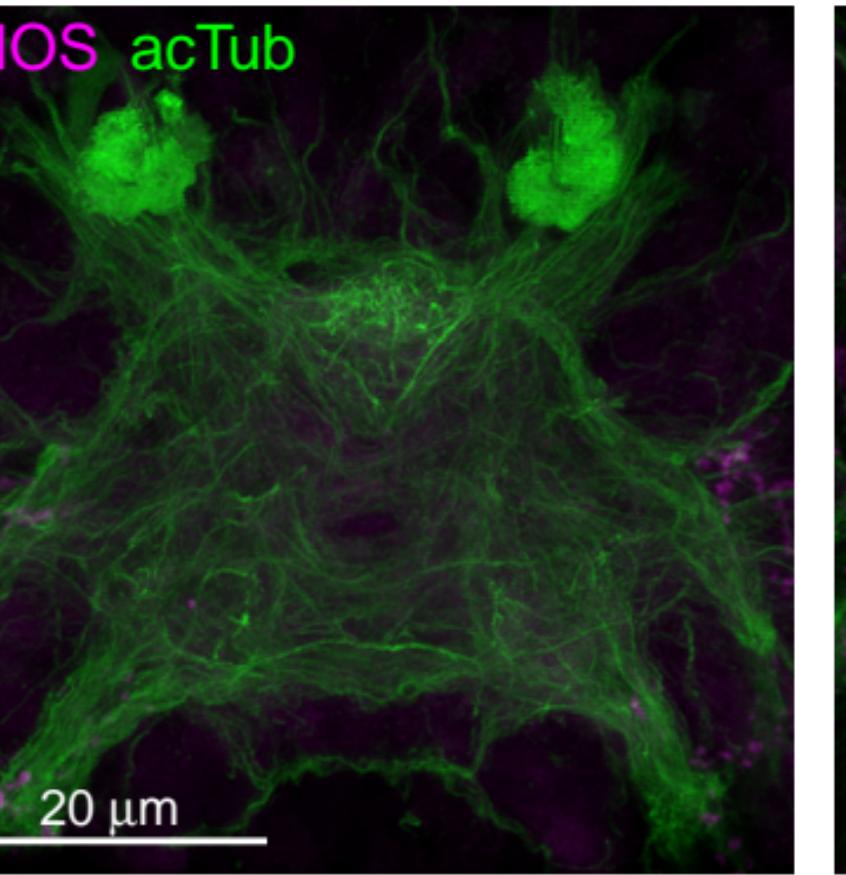
**A****NOS CRISPR knockout lines**

Target site (447 – 466nt) PAM

WT	AGCATCATGGGCAATTCTGGCTCCACCCCTGGACAACACACAGACTTCTGGCACCACAAAG
NOS <sup>Δ11/Δ11</sup>	AGCATCATGGGCAATTCTGG-----ACAACACACAGACTTCTGGCACCACAAAG
NOS <sup>Δ23/Δ23</sup>	AGCATCATGGGCAATTCTG-----ACTTCTGGCACCACAAAG *****

Target site (149 – 155aa)

WT	SIMGNSGSTLDNTQTSGTTKSAHVAKSSDAAK
NOS <sup>Δ11/Δ11</sup>	SIMGNSGQHTDFWHHKVCPCEEF-CSEDTAN
NOS <sup>Δ23/Δ23</sup>	SIMGNSDFWHHKVCPCEEF-CSEDTAN *****

**B IHC: NOS<sup>Δ11/Δ11</sup>****C IHC: NOS<sup>Δ23/Δ23</sup>**