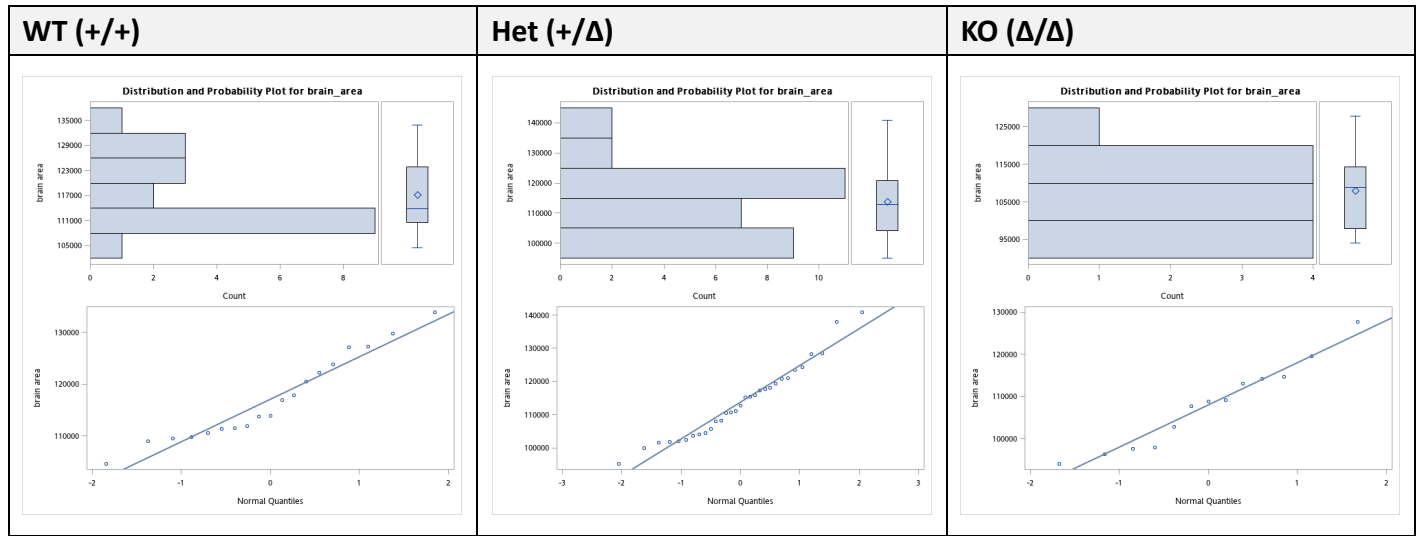
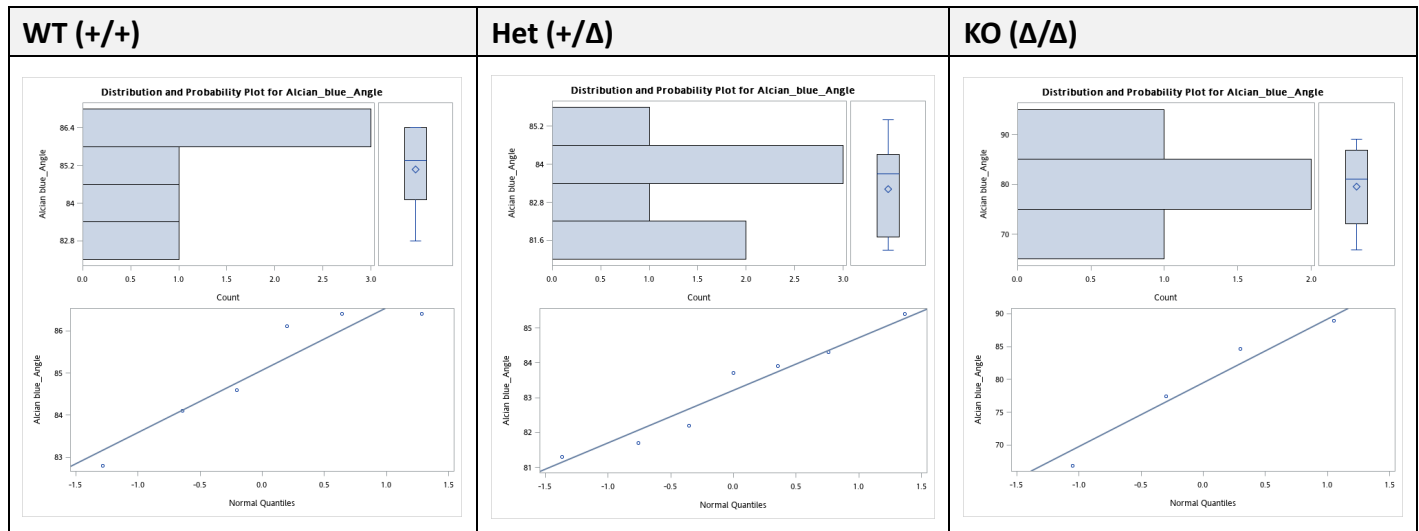


a. Visual inspection of data normality in zebrafish experiments using histograms and Q-Q plots. WT (+/+), *tomm7^{+/+}*; Het (+/ Δ), *tomm7^{+/-}*; KO (Δ/Δ), *tomm7^{-/-}*.

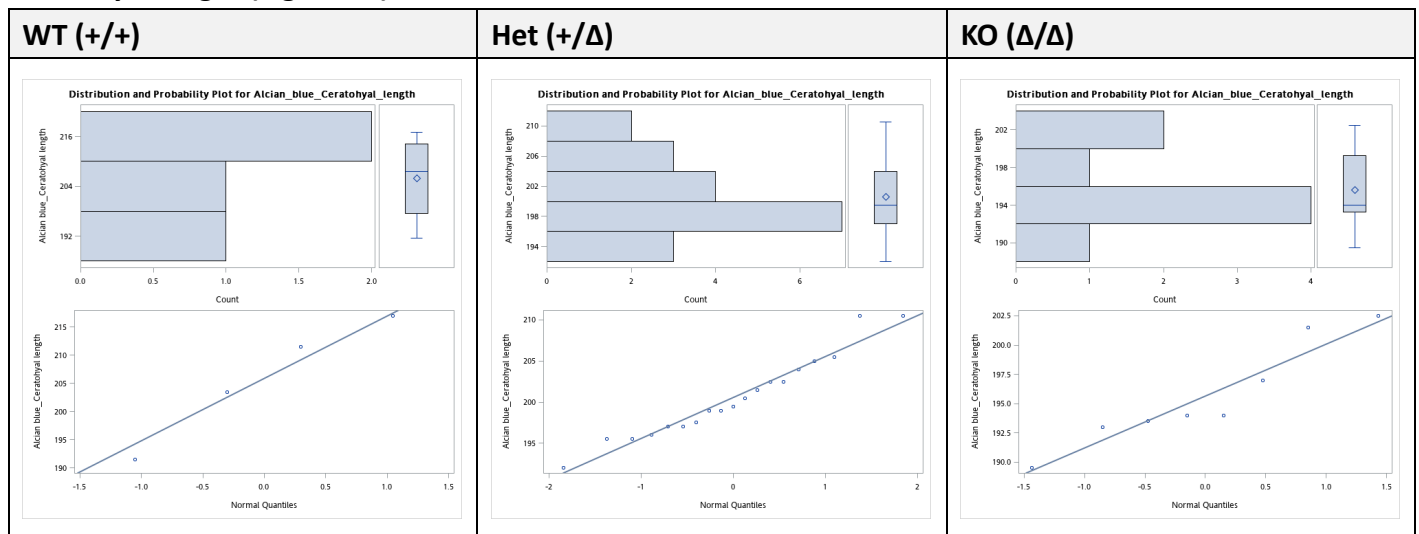
Brain area (Figure 5C)



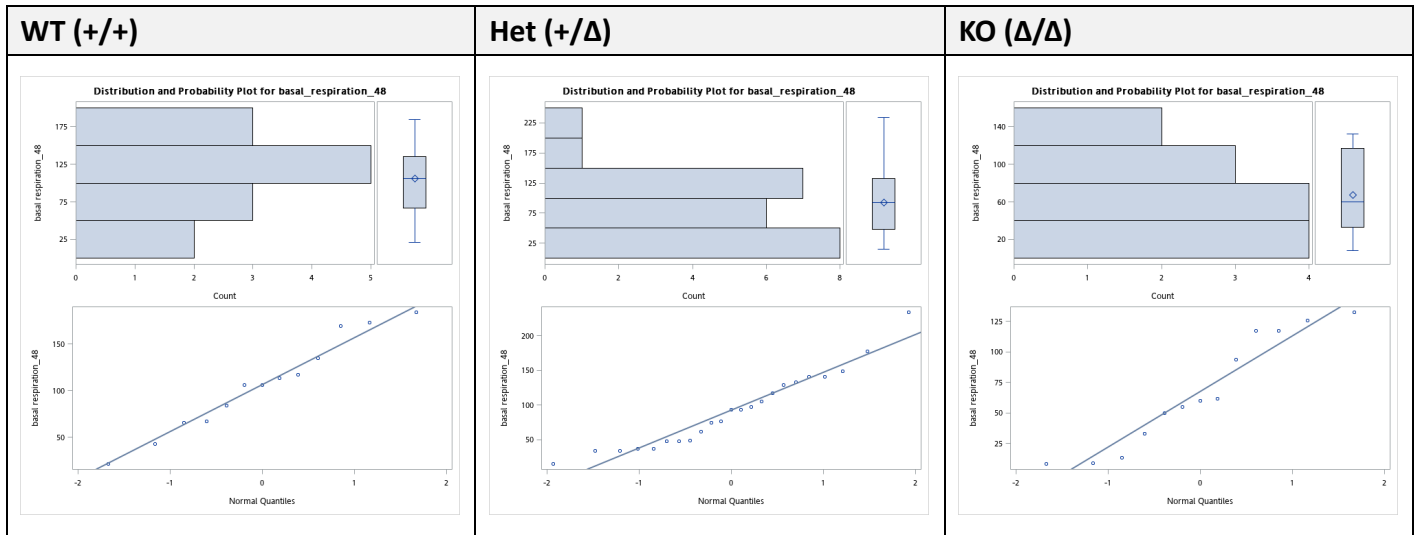
Ceratohyal angles (Figure 5E)



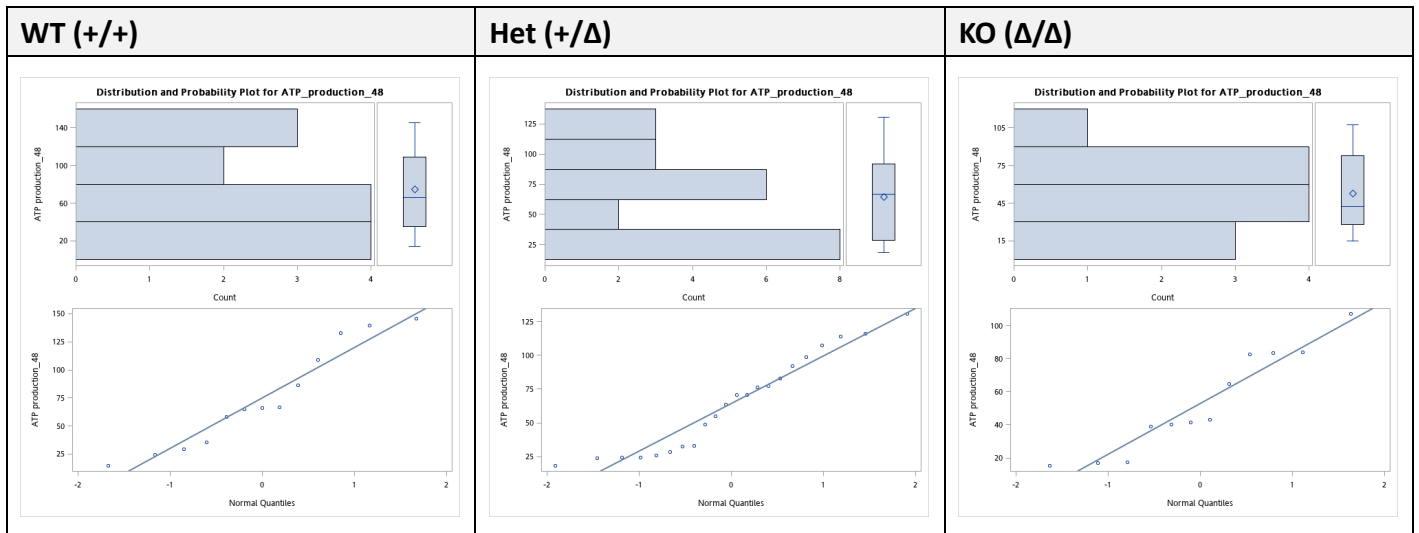
Ceratohyal length (Figure 5E)



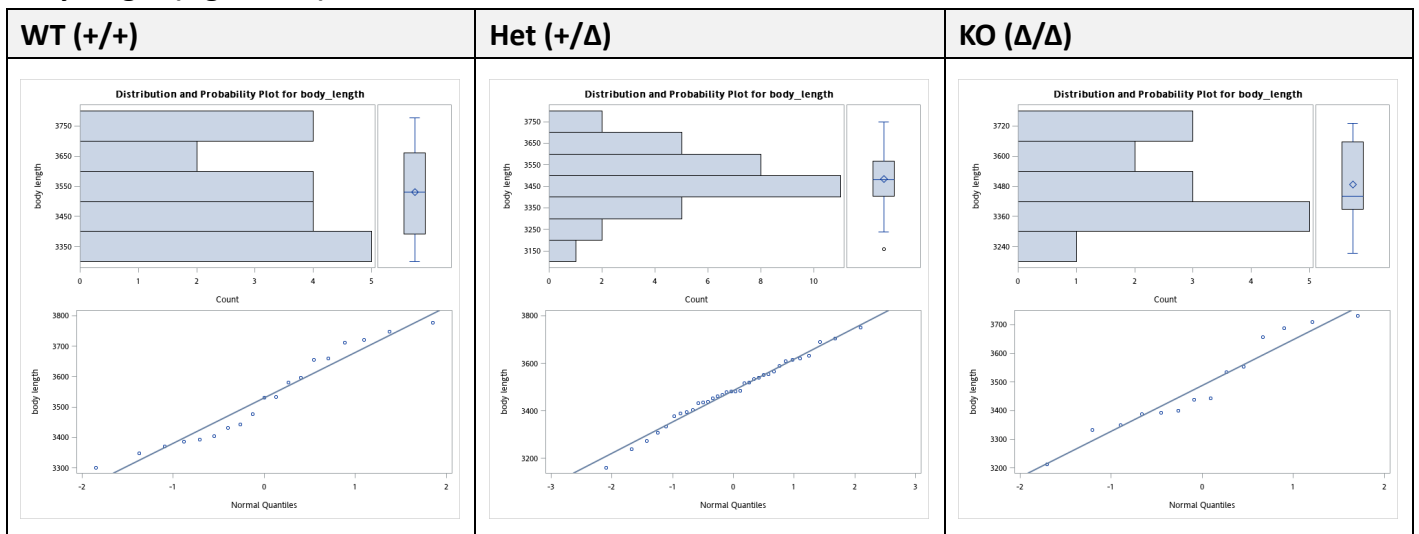
Basal respiration (Figure 5H)



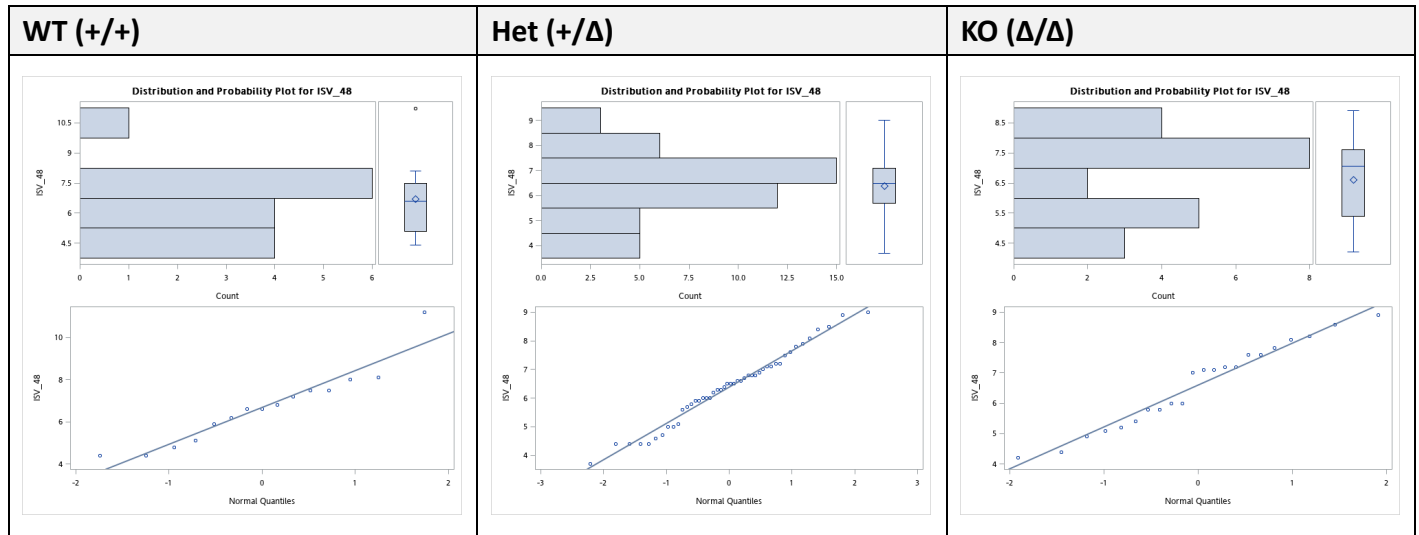
ATP production (Figure 5H)



Body length (Figure S7F)



ISV diameters (Figure S7H)



b. Study power of brain area and ceratohyal length in zebrafish. WT (+/+), *tomm7^{+/-}*; Het (+/Δ), *tomm7^{+/-}*; KO (Δ/Δ), *tomm7^{-/-}*.

Outcome	Sample size (+/+, +/Δ, Δ/Δ)	Mean (+/+, +/Δ, Δ/Δ)	SD	Alpha level	Power
Brain area (Figure 5C)	(19, 31, 13)	(117166, 113730, 107996)	10400	0.05	0.6
Ceratohyal length (Figure 5E)	(4, 19, 8)	(206, 201, 196)	6.2	0.05	0.6