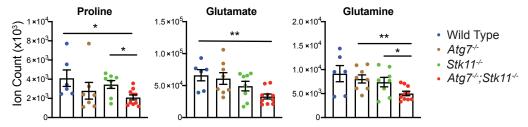
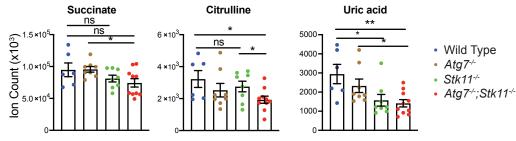
## a Intestine amino acids



## **b** Intestine TCA-cycle metabolites c Intestine urea cycle metabolites



## d Intestine glycolysis pathway metabolites

