

Figure S1

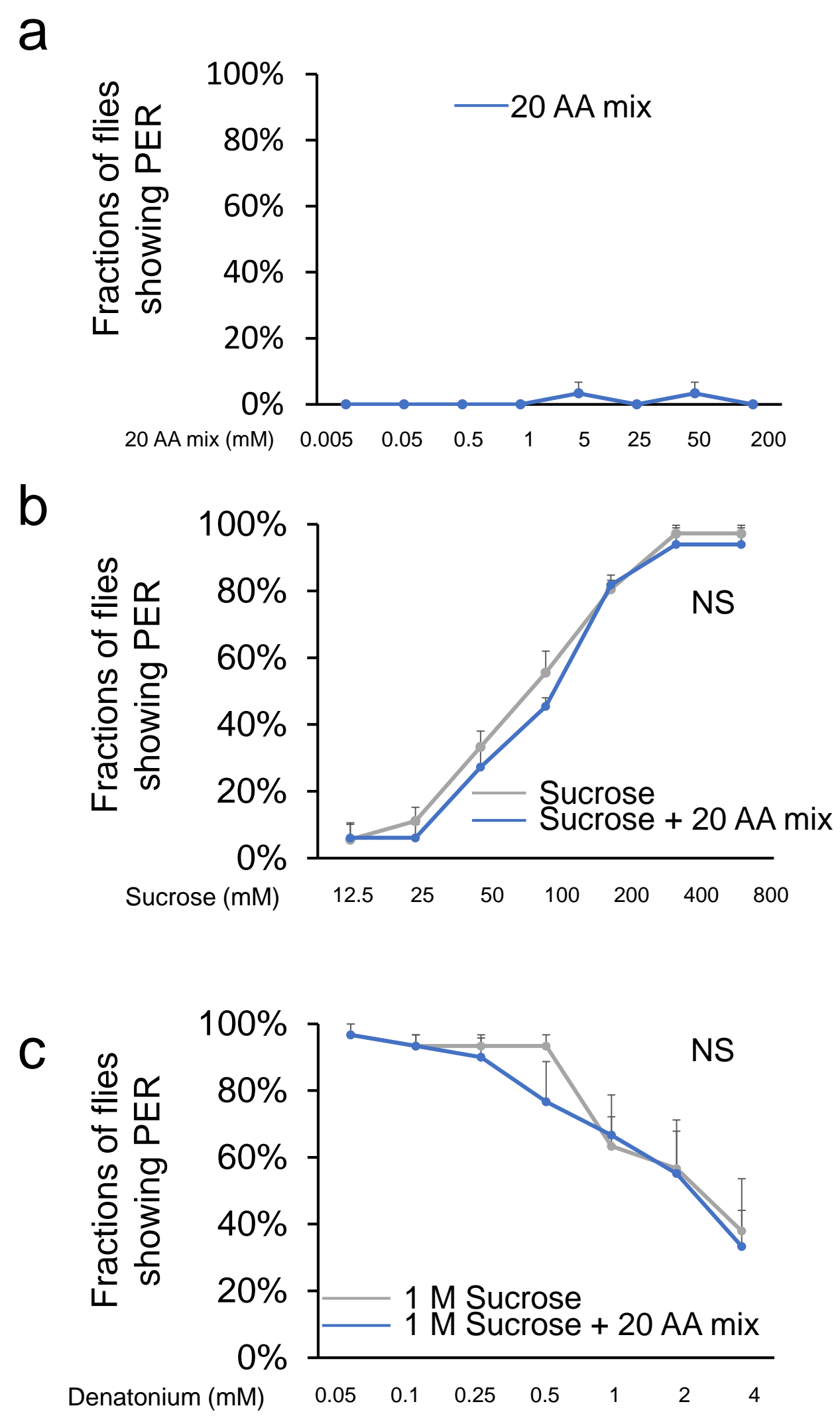


Figure S1. Dietary amino acids do not alter PER responses to sweet and bitter compounds.

(a) Fractions of *Canton-S* flies fed *ad libitum* showing PER response to certain concentrations of amino acid mixture (n=21). (b) Fractions of *Canton-S* flies fed *ad libitum* showing PER responses to different concentrations of sucrose in the absence or presence of 50 mM amino acid mixture (n=31-38). (c) Fractions of *Canton-S* flies fed *ad libitum* showing PER responses to 1 M sucrose plus different concentrations of denatonium in the absence or presence of 50 mM amino acid mixture (n=30-31). Virgin females were used for all experiments shown in this figure. Data are shown as means (\pm SEM). NS, $P > 0.05$.