



Supplementary Fig. 6. Elevated cAMP in *NF1* over-expression flies and cAMP feeding did not alter fly body weights. **a.** *NF1* over-expressing flies showed higher cAMP concentrations than controls (*: $P < 0.02$), from 4 experiments of 25 male and 25 female flies per experiment, total of 200 flies per genotype. **b.** Dietary supplementation of cAMP did not affect body weight. Male and female *w¹¹¹⁸* flies were fed regular food containing 0 μ M, 1 μ M and 10 μ M dibutyryl - cAMP until 45 days of age. Groups of 10 flies per treatment were weighted. $n = 4$, average weight per fly \pm SD.