Supplementary Materials

# Cmpk2 Gene and Protein Expression in Saliva or Salivary Glands of Dyslipidemic Mice

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# Supplementary Figure

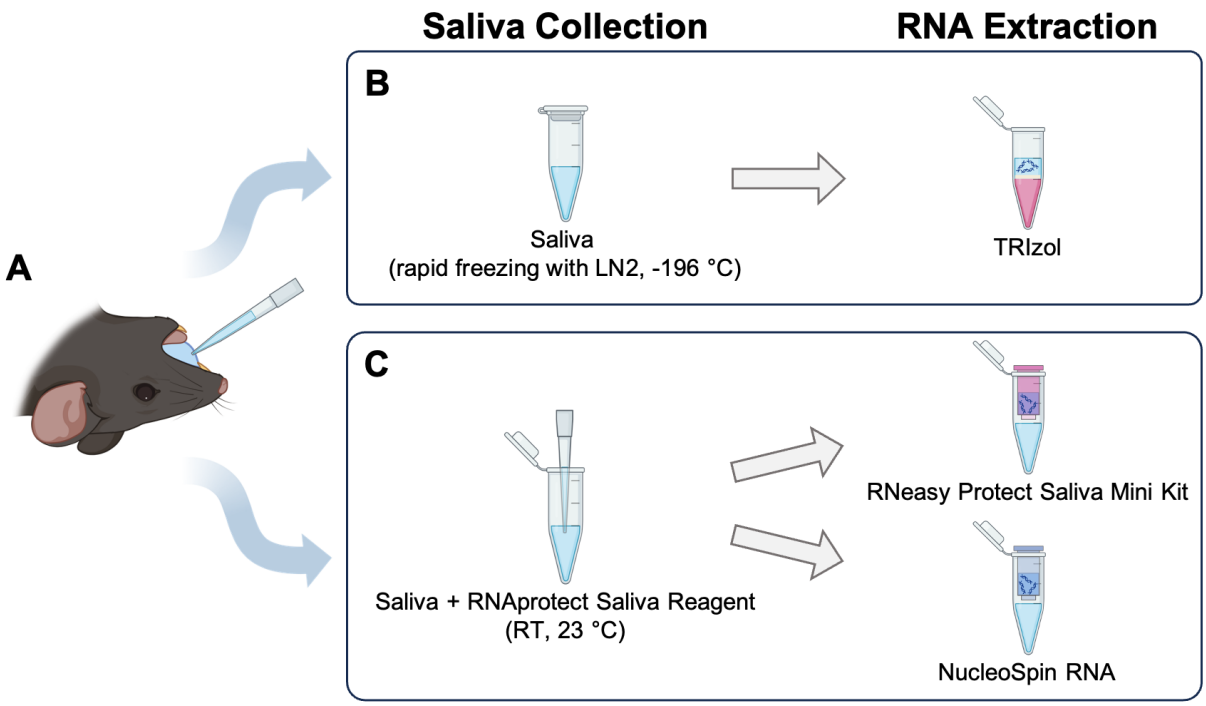



**Figure S1.** Salivary sample collection and RNA extraction. (**A**) Saliva was collected from the anterior portion of the mouth using a pipette. (**B**) Saliva for the TRIzol reagent was rapidly frozen with liquid nitrogen (LN2) and immediately subjected to RNA extraction. (**C**) Saliva samples for the RNeasy Protect Saliva Mini Kit and NucleoSpin RNA were mixed with the supplied RNAprotect Saliva Reagent at room temperature (RT, 23 °C) and stored at -80 °C for at least 24 h.

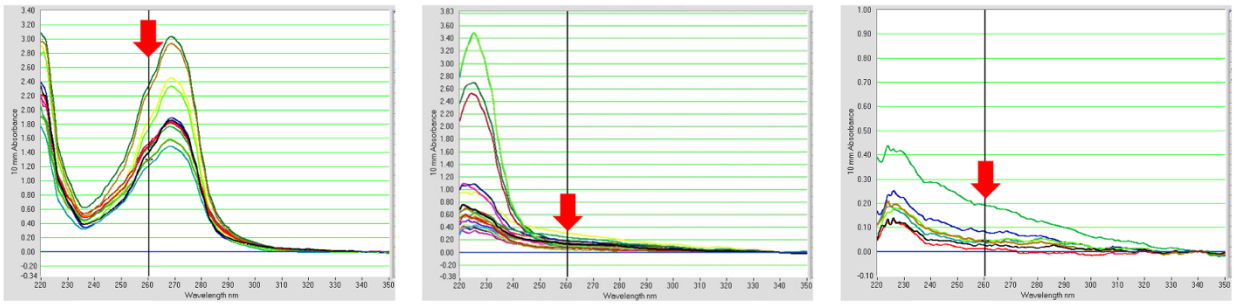



**Figure S2.** Assessment of extracted RNA from the saliva samples using NanoDrop spectrophotometry. A260 nm: RNA peak (red arrow).

# Supplementary Table

**Table S1.** Composition of feed ingredients

| gm% | Normal diet (MF) | HFHC diet [1] (D12108C) |
|---|---|---|
| protein | 23.2 | 23 |
| fat | 4.9 | 20 |
| cholesterol | – | 1.25 |
| kcal | 3.6 | 4.5 |

[1] High-fat and high-cholesterol diet.

**Table S2.** Reagents used for RNA extraction, reverse transcription, and qRT-PCR.

| Reagent | Supplier |
|---|---|
| RNeasy Protect Saliva Mini Kit | Qiagen |
| TRIzol Reagent | Thermo Fisher Scientific |
| NucleoSpin RNA | Takara Bio |
| chloroform | Nacalai Tesque, Inc. |
| isopropanol | Nacalai Tesque, Inc. |
| SuperScript IV VILO Master Mix with ezDNase Enzyme Kit | Thermo Fisher Scientific |
| TaqMan Fast Advanced Master Mix | Thermo Fisher Scientific |