

S1 Fig. Astaxanthin powder and different diets used in this study

(A) *Free form Astaxanthin powder (FFAP) used in this study and its chemical formula.*

The free form astaxanthin powder contains 1% pure ASTA.



(B) *Images of 5 different formula diets used in this study. From left to right: normal diet; high cholesterol control (normal diet+0.2 % cholesterol); 1.6% FFAP (high cholesterol control+1.6 %FFAP); 3.2% FFAP (high cholesterol control+3.2 % FFAP); 8.0% FFAP (high cholesterol control+8.0 %FFAP).*

