

Supplementary Material

**Table S1.** Bone mineral content (BMC) of 38, 48 and 58 days mice fed different levels of XOS (Mean values and standard errors;  $n = 8$  in each group).

| Variables | Age(days) | 0%XOS |       | 1%XOS |       | 2%XOS |       | 4%XOS |       |
|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|
|           |           | Mean  | SE    | Mean  | SE    | Mean  | SE    | Mean  | SE    |
| BMC (g)   | 38        | 0.030 | 0.001 | 0.029 | 0.001 | 0.030 | 0.002 | 0.029 | 0.001 |
|           | 48        | 0.036 | 0.001 | 0.035 | 0.002 | 0.035 | 0.001 | 0.038 | 0.001 |
|           | 58        | 0.038 | 0.002 | 0.038 | 0.001 | 0.038 | 0.001 | 0.040 | 0.002 |

SE, standard error; BMC, bone mineral content <sup>a, b</sup> Mean values with unlike superscript letters within the same row are significantly different ( $p < 0.05$ ; Tukey *post hoc* test). no letter = no significance.