

Supplementary Table 1. Composition of experimental diets (Experiment 1)

| Contents | Control (Casein) | SBM | G+D |
|--|-------------------------|------------|------------|
| Daidzein | - | | 200 ppm |
| Genistein | - | | 300 ppm |
| Soybeans | - | + | - |
| Protein (%) | 19 | 18.9 | 19 |
| Carbohydrate (% by) | 49 | 47.5 | 49 |
| Fat (%) | 5.4 | 5.5 | 5.4 |
| Total calories (Kcal/g) | 3.2 | 3.2 | 3.2 |
| Abbreviations: SBM= soybean meal; G+D=genistein+daidzein; ppm=part per million | | | |