

|               | Rice diet<br>(g/kg diet) | Barley diet<br>(g/kg diet) | Rice diet:Barley diet=1:4<br>(g/kg diet) |
|---------------|--------------------------|----------------------------|------------------------------------------|
| Protein       | 174                      | 174                        | 174                                      |
| Fat           | 120                      | 120                        | 120                                      |
| Sugar         | 543                      | 544                        | 544                                      |
| Dietary fiber | 50                       | 79                         | 73                                       |

**Table S1** Nutrient composition of experimental diets