

## Supplementary Materials

### Purified phlorizin from *Docynia Indica* (Wall.) Decne by HSCCC, compared with whole extract, phlorizin and non-phlorizin fragment ameliorate obesity, insulin resistance and improves intestinal barrier function in high-fat-diet-fed mice

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#### Supplementary Table

**Table 2** The ingredients of the normal chow diet (NCD).

| Macronutrient              | gm%  | kcal% |
|----------------------------|------|-------|
| Protein                    | 20.4 | 20    |
| Carbohydrate               | 65.2 | 70    |
| Fat                        | 5.3  | 10    |
| Total                      | ---  | 100   |
| Ingredient                 | gm   | kcal  |
| Casein, 30 mesh            | 200  | 800   |
| L-cystine                  | 3    | 12    |
| Corn starch                | 315  | 1260  |
| Maltodextrin 10            | 35   | 140   |
| Sucrose                    | 350  | 1400  |
| Microcrystalline cellulose | 50   | 0     |
| Soybean oil                | 25   | 225   |
| Lard                       | 20   | 180   |
| V10001 mixed vitamin.      | 10   | 40    |
| Total                      | 1008 | 4057  |

**Table 2** The ingredients of the high fat diet (HFD).

| <b>Macronutrient</b>       | <b>gm%</b> | <b>kcal%</b> |
|----------------------------|------------|--------------|
| Protein                    | 24         | 20           |
| Carbohydrate               | 41         | 35           |
| Fat                        | 24         | 45           |
| Total                      | ---        | 100          |
| <b>Ingredient</b>          | <b>gm</b>  | <b>kcal</b>  |
| Casein, 30 mesh            | 200        | 800          |
| L-cystine                  | 3          | 12           |
| Corn starch                | 72.8       | 291          |
| Maltodextrin 10            | 100        | 400          |
| Sucrose                    | 172.8      | 691          |
| Microcrystalline cellulose | 50         | 0            |
| Soybean oil                | 25         | 225          |
| Lard                       | 177.5      | 1598         |
| V10001 mixed vitamin.      | 10         | 40           |
| Total                      | 811.1      | 4057         |



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