

Table S1 Compositions of general maintenance diets

| Product      | gm%  | kcal%               |        |
|--------------|------|---------------------|--------|
| Protein      | 22   | 21                  |        |
| Carbohydrate | 55   | 67                  |        |
| Fat          | 6.2  | 12                  |        |
| Total        | 83.2 | 100                 |        |
| kcal/gm      | 3.5  | -                   |        |
| Ingredient   | g/kg | Ingredient          | g/kg   |
| Fiber        | 12.0 | Methionine+ Cystine | 9.7    |
| Ash          | 68   | Choline chloride    | 2.316  |
| Calcium      | 12.8 | Minerals            | 12.3   |
| Phosphorus   | 9.2  | Vitamin             | 1.37   |
| Lysine       | 10.2 | Other amino acid    | 10.114 |

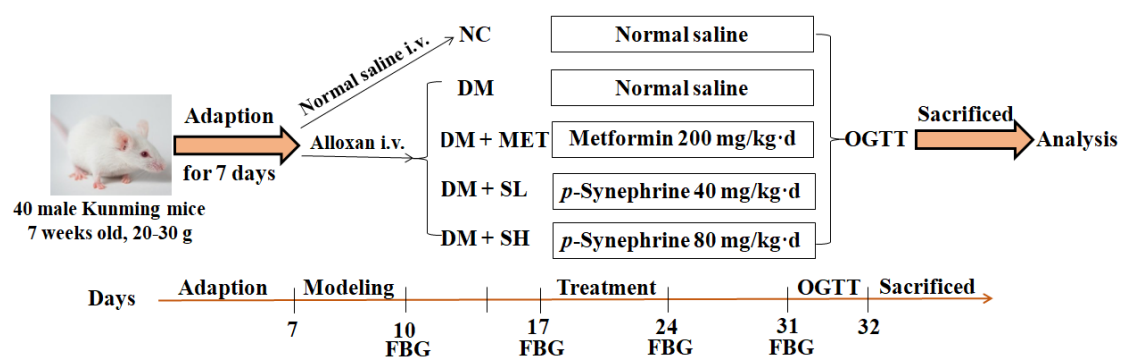
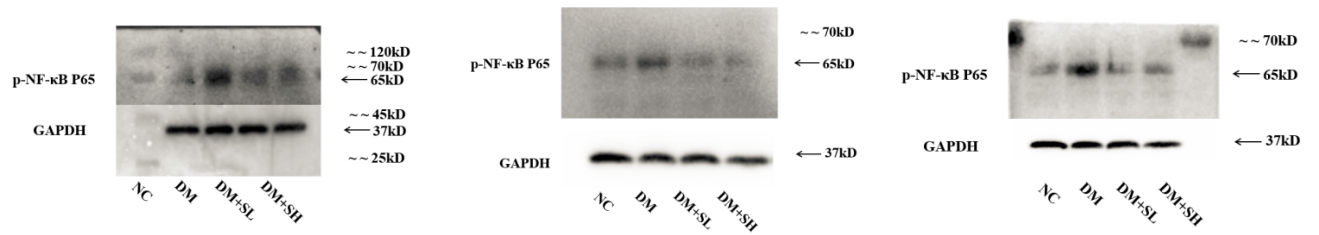
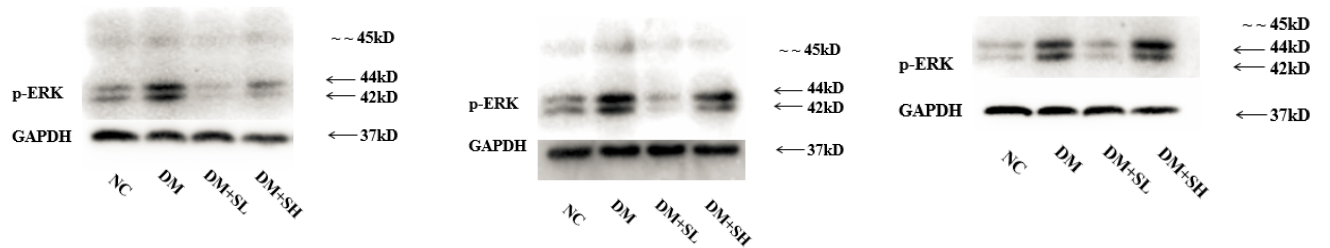


Fig. S1 Experimental procedures of animal treatment.

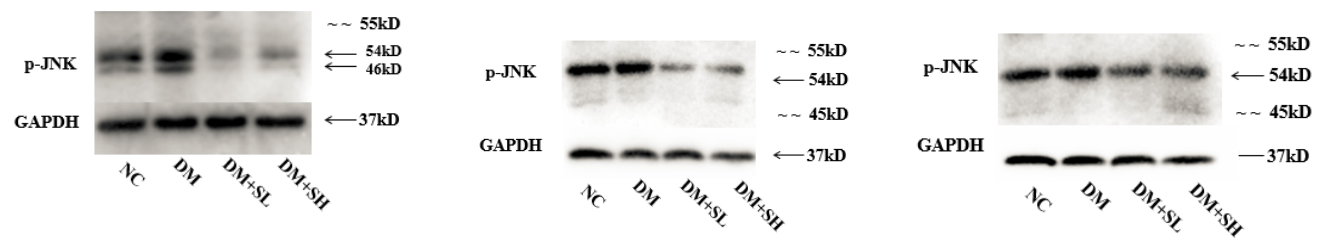
**A**



**B**



**C**



**D**

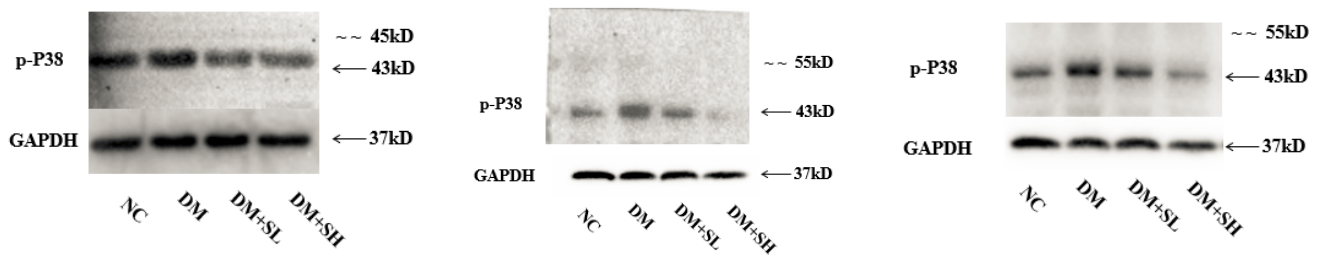


Fig. S2 Original data of western blots for p-NF-κB P65 (A), p-ERK (B), p-JNK (C) and p-P38 (D) expression from three independent experiments.