Supplementary Material



**Figure 1.** The schematic diagram of the mechanical impacting method. (A) Mechanical impacting devices. (B) Location of impact.

图片包含 游戏机, 食物

描述已自动生成

**Figure 2.** Anatomical view of the brain tissues of rats.



**Figure 3.** Distribution of metabolites.



**Figure 4.** Model validation of PLS-DA with the replacement test.