**Supplementary materials**

Untargeted metabolomics profiles delineate metabolic alterations in mouse plasma during lung carcinoma progression using UPLC-QTOF/MS in MSE mode

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Supporting information

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**Figure S1. Representative UPLC-QTOF/MS total ion chromatograms (TIC) of Lewis lung carcinoma mouse plasma acquired in positive (A) and negative (B) ion mode**. X-axis represents the time (minute). Y-axis represents the relative intensity.

图S2 600dpi

**Figure S2. Scores plot, and corresponding S-plot and lording-plot from OPLS-DA model between 14 DPI group and 7 DPI group.** Scores plots **(A)** generated from OPLS-DA model between 14 DPI and 7 DPI group in positive ion mode (*R*2*Y* = 86%, *Q*2 = 61%), and corresponding S-plot **(B)** and lording-plot **(C)** from OPLS-DA model. Scores plots **(D)** generated from OPLS-DA model between 14 DPI and 7 DPI group in negative ion mode (*R*2*Y* = 96%, *Q*2 = 82%), and corresponding S-plot **(E)** and lording-plot **(F)** from OPLS-DA model.

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**Figure S3. Changes in the intensities of 15 potential biomarkers in the plasma sample from control to 7 day to 14 day.** \**p* < 0.05: comparison between the control group and 7 DPI group; #*p* < 0.05: comparison between the 7 DPI group and 14 DPI group (n = 10 for each group)