## **Supplementary Data**

The Supplementary Data is a multi-worksheet excel file that contains additional results described as follows.

- 1) Expression Analysis: The detailed results of the PPARD expression analysis in 11 LA datasets and 9 LSCC datasets that met the inclusion criteria.
- 2) Ref4\_LSCC\_PPARD Pathway: information regarding LSCC\_PPARD Pathway was presented, including the type of the relationship, supporting references, and related sentences from the references where the relationship has been identified.
- 3) Ref4\_LA\_PPARD\_Pathway: information regarding LA\_PPARD Pathway was presented, including the type of the relationship, supporting references, and related sentences from the references where the relationship has been identified.
- 4) PEA4LA\_Good: detailed information on all the PEA results that may inhibit the progress of LA
- 5) PEA4LA\_Bad: detailed information on all the PEA results that may promote the progress of LA.
- 6) PEA4LSCC\_Good: detailed information on all the PEA results that may inhibit the progress of LSCC

The excel file is online available at: www.gousinfo.com/database/Data\_Genetic/PPARD\_Lung Cancer.xlsx