

Figure S1. The Z-ligustilide+cisplatin induced cell apoptosis. mRNA expression of Cyclin A2, Cyclin E1, BAX and Bcl-2 in A549/DDP and H460/DDP, A549/DDP and H460/DDP treated with cisplatin and Z-ligustilide alone or in combination. ** $p < 0.01$ and *** $p < 0.001$.

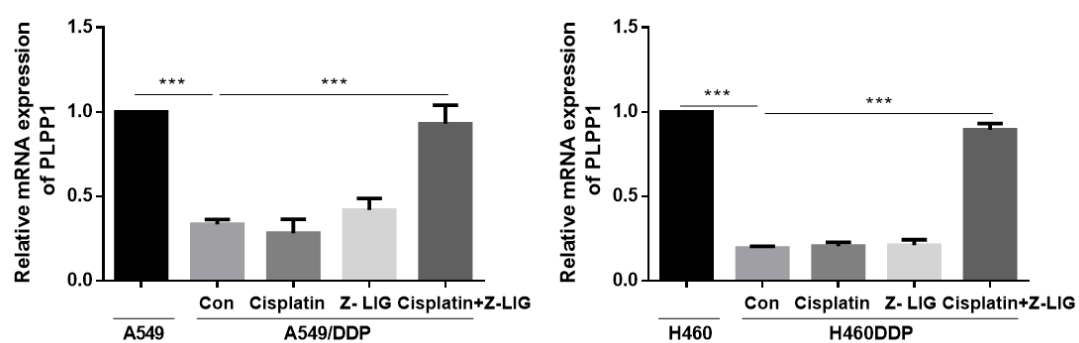


Figure S2. The Z-ligustilide+cisplatin reversed the expression of PLPP1. mRNA level of PLPP1 was determined by real-time PCR in A549 and H460, A549/DDP and H460/DDP, A549/DDP and H460/DDP treated with cisplatin and Z-ligustilide alone or in combination. *** $p < 0.001$.

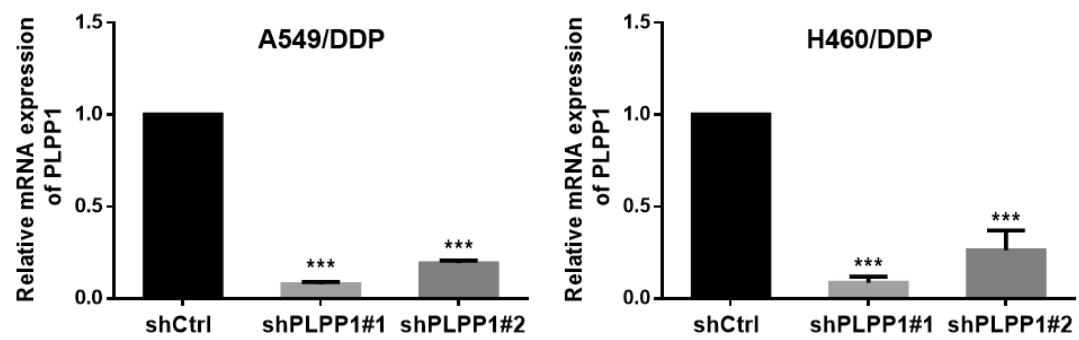


Figure S3. The validation of PLPP1 knockdown efficiency. mRNA expression of PLPP1 in shCtrl and PLPP1 knockdown A549/DDP and H460/DDP cells, respectively. *** $p < 0.001$.

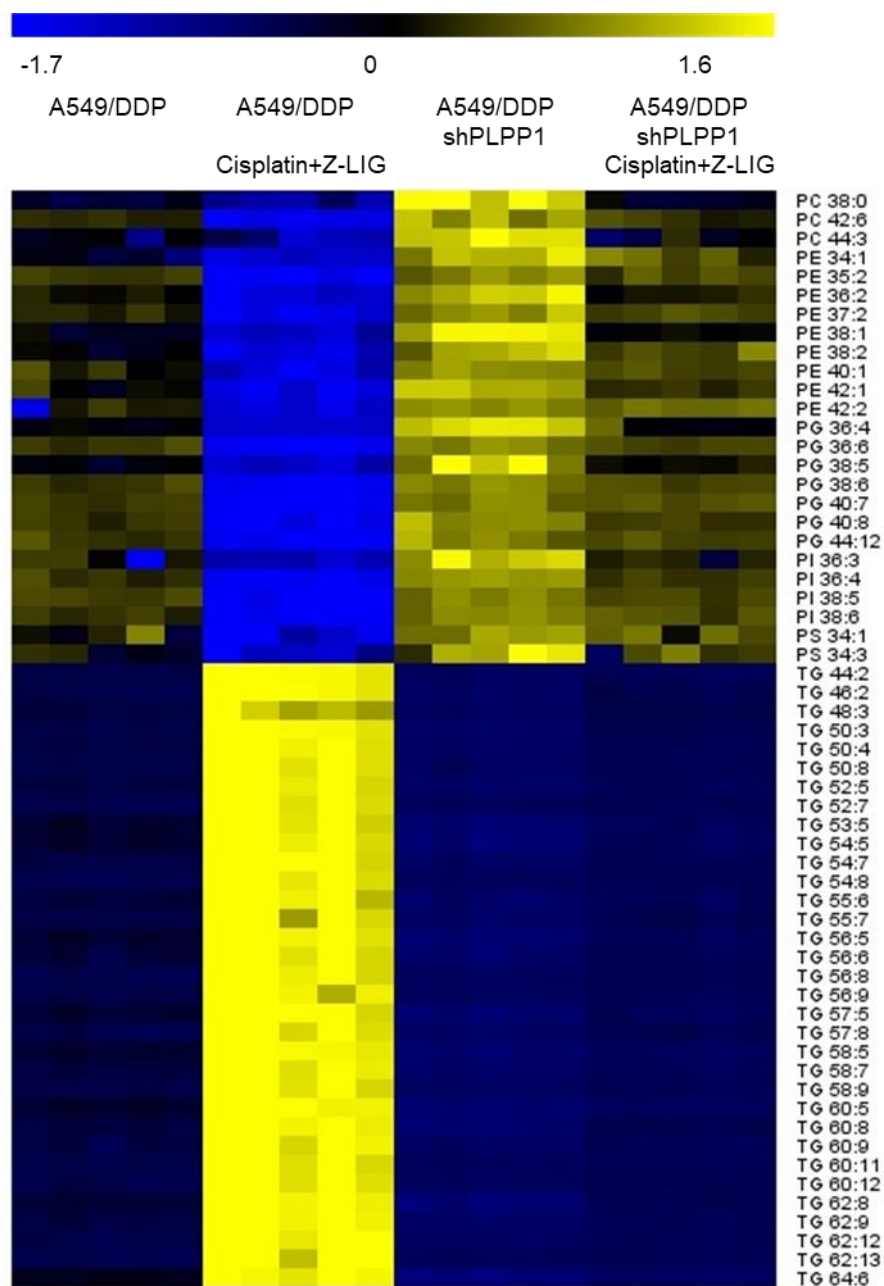


Figure S4. Heat map of the differential lipids in shCtrl and PLPP1 knockdown A549/DDP cells with or without Z-ligustilide+cisplatin treatment.