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## RESEARCH ARTICLE

Zhu et al: UPP1 and AHSA1 in pancreatic cancer

# UPP1 and AHSA1 as emerging biomarkers and targets in pancreatic cancer: A proteomic approach

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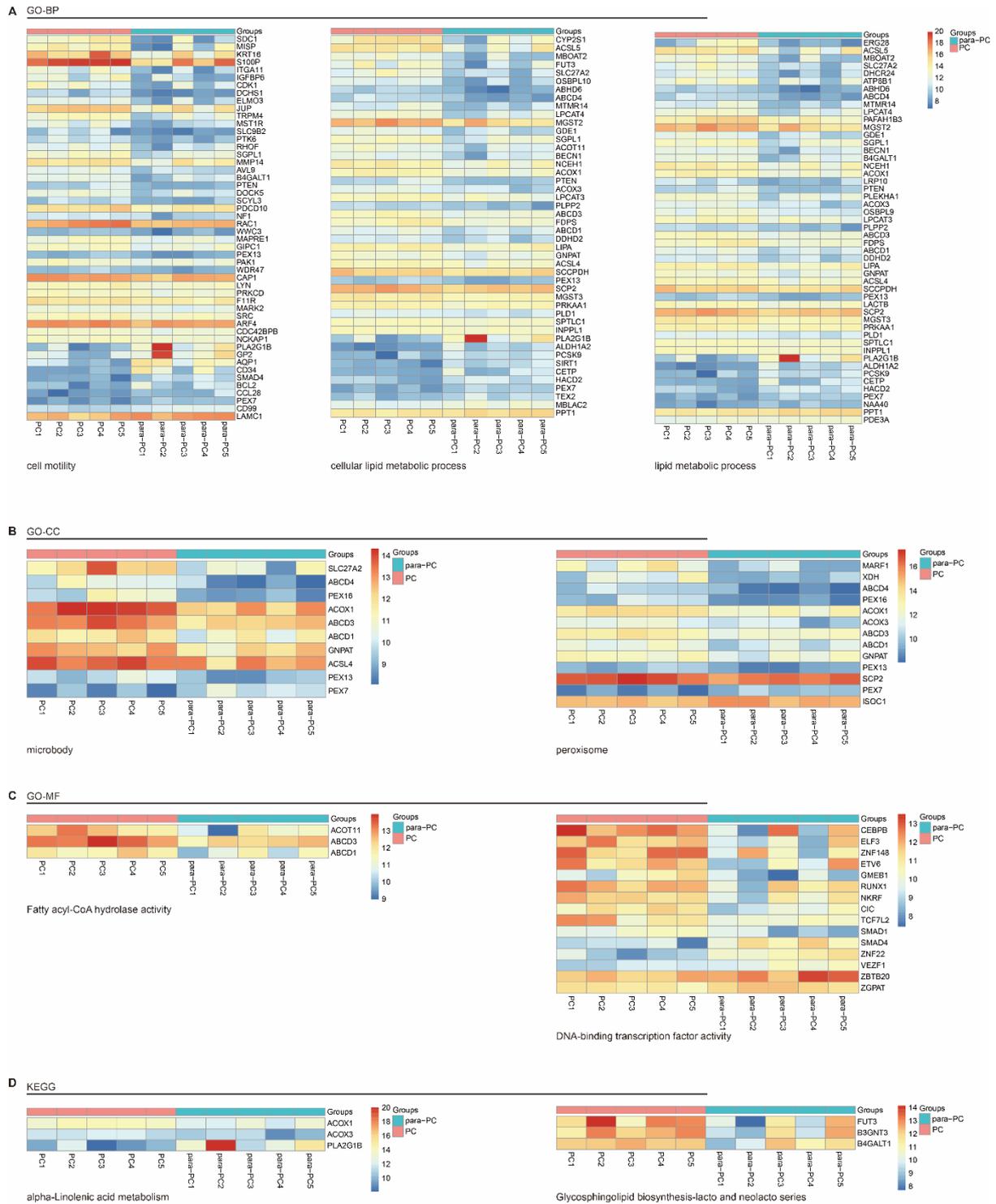
#Kongfan Zhu and Hua Hu contributed equally to this work.

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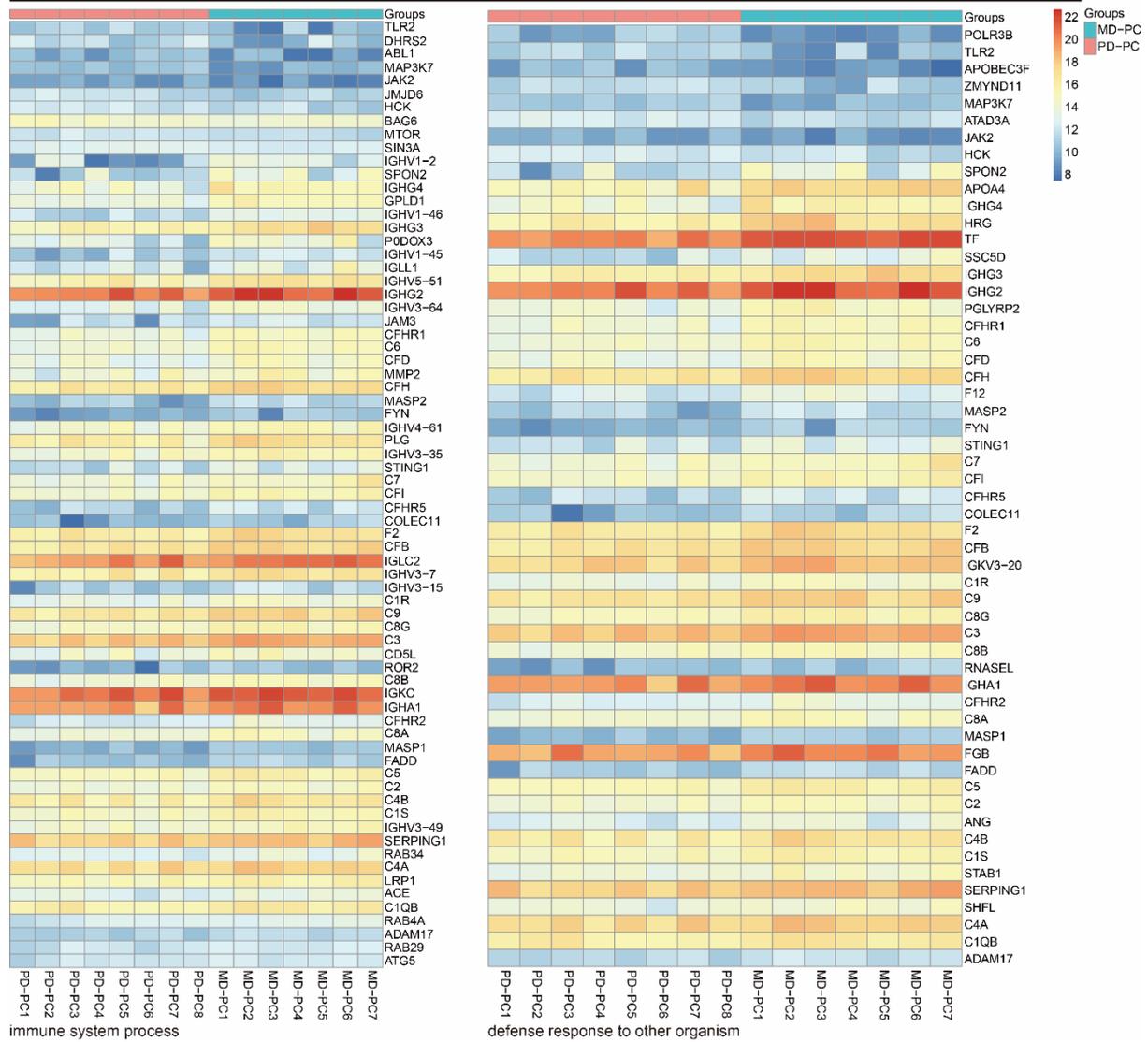
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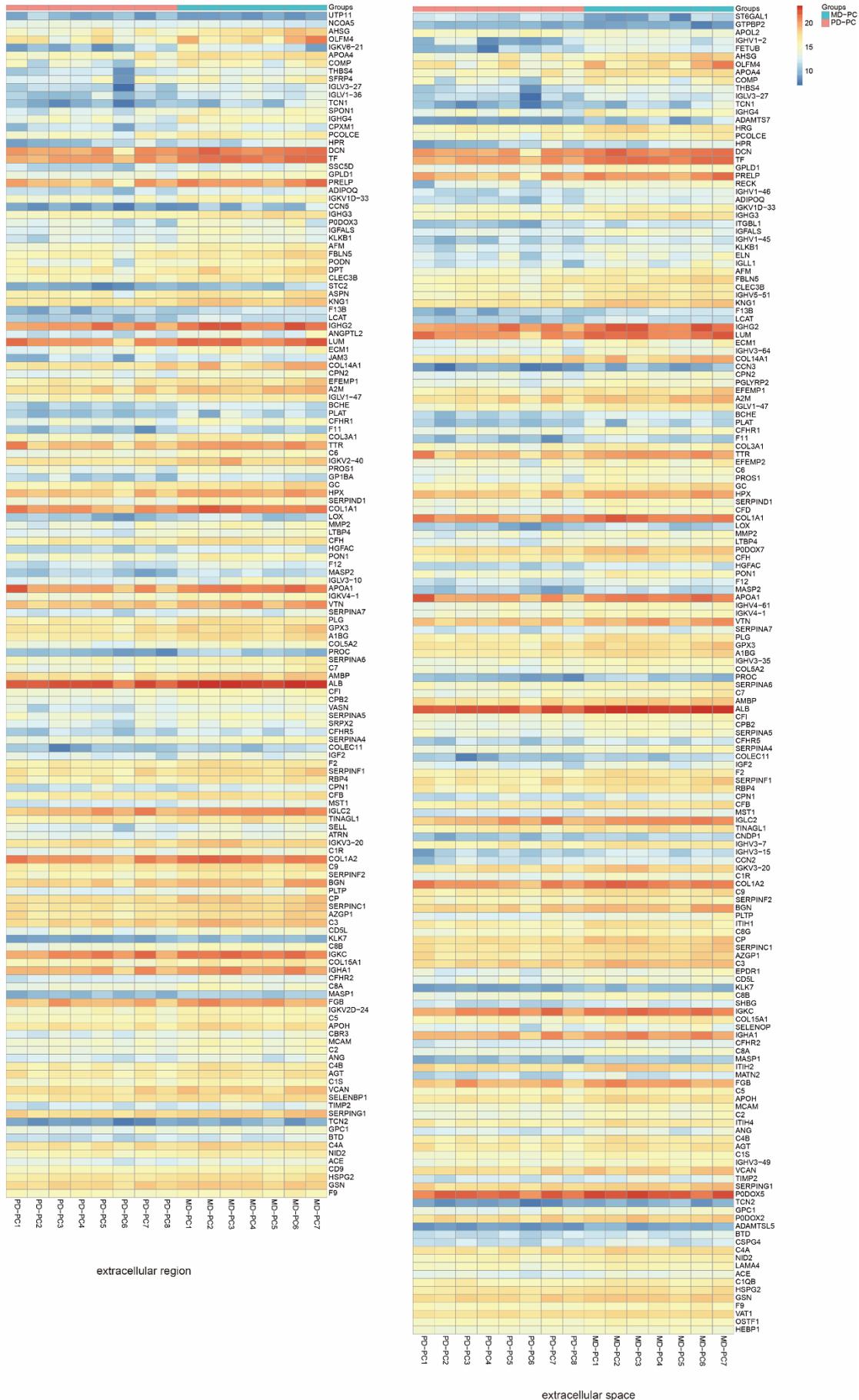
**Figure S1. GO (A-C) and KEGG (D) analysis in PC vs para-PC group.**

GO-BP



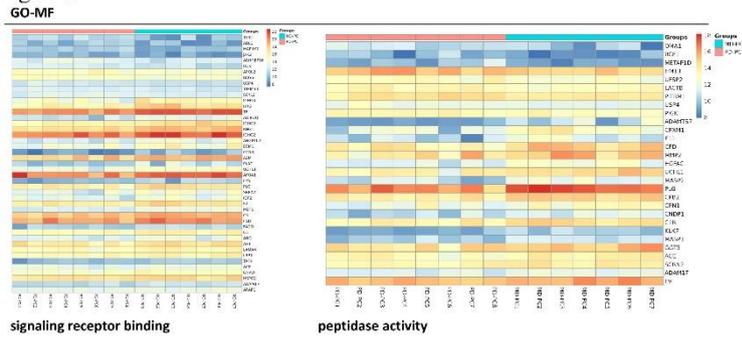
**Figure S2. BP of GO-based enrichment analysis in PD-PC vs MD-PC group.**

Figure S3



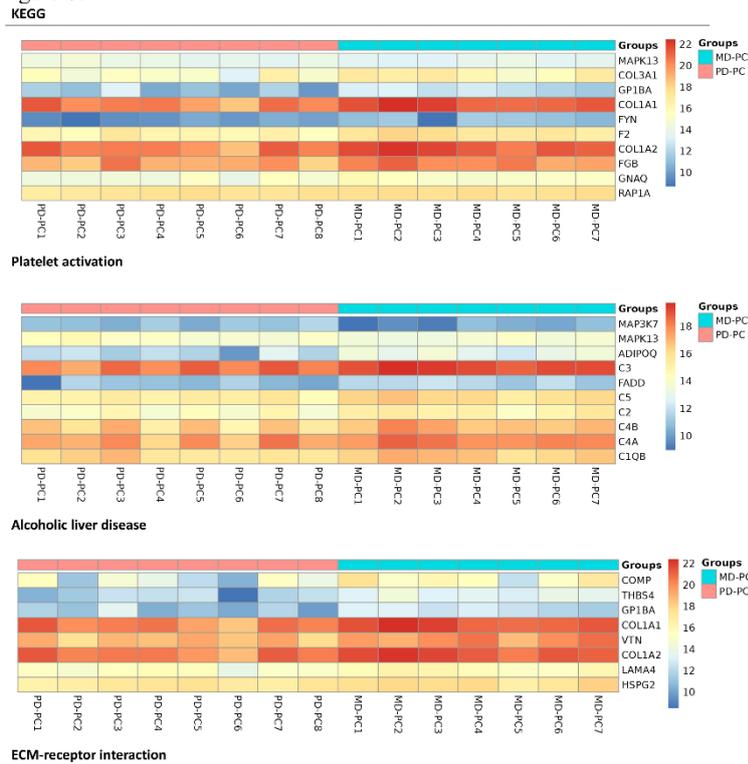
**Figure S3. CC of GO-based enrichment analysis in PD-PC vs MD-PC group.**

Figure S4



**Figure S4. MF of GO-based enrichment analysis in PD-PC vs MD-PC group.**

Figure S5



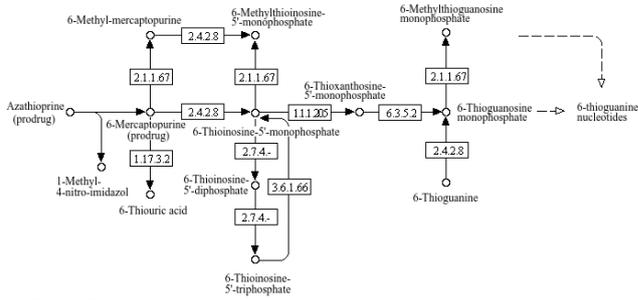
**Figure S5. KEGG analysis in PD-PC vs MD-PC group.**



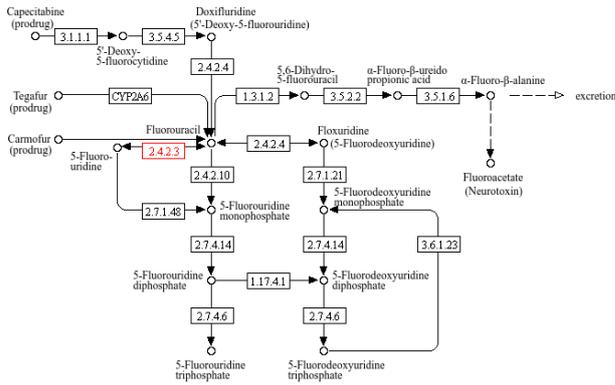
Figure S7

DRUG METABOLISM - OTHER ENZYMES

Azathioprine & 6-Mercaptopurine

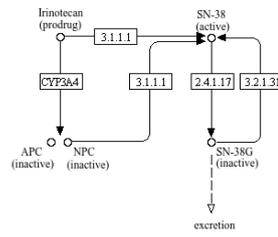


Fluorouracil



00983 1/26/22  
(c) Kanehisa Laboratories

Irinotecan



Isoniazid

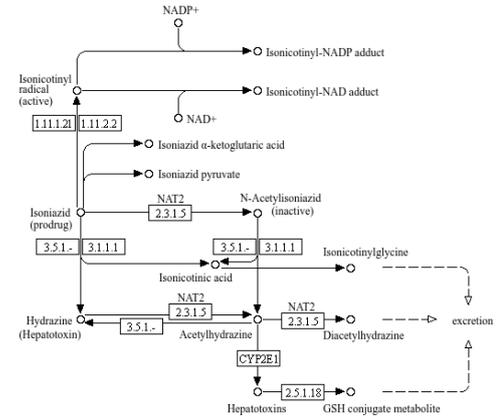


Figure S7. Drug metabolism - other enzymes involving UPP1. The red font represents UPP1.

