

Productive infection of primary human hepatocytes with SARS-CoV-2 induces antiviral and proinflammatory responses

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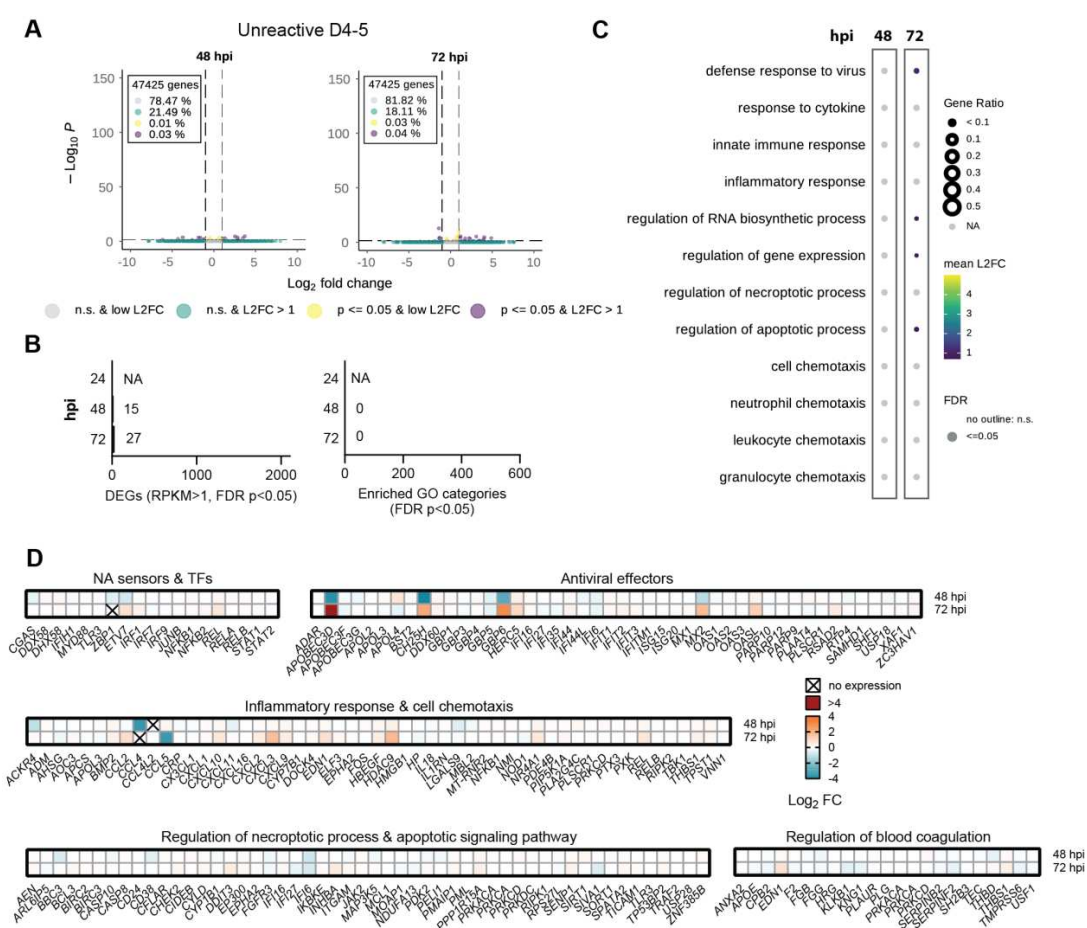
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Supplementary Material



Supplementary Fig. 1. SARS-CoV-2 infection induces minimal transcriptional deregulation in unresponsive PHH donors. (A) Volcano plots highlight numbers of significantly dysregulated transcripts from the two unreactive PHH donors (D4-5) at the indicated time points. (B) Numbers SARS-CoV-2-induced differentially expressed genes in unreactive donors (DEGs; top) and enriched gene ontology (GO terms; bottom) at the indicated timepoints (n=2 donors; D4-5). (C) No significant enrichment of GO terms in SARS-CoV-2-unresponsive PHHs at 72 hpi (12 representative categories shown). (D) Heat maps indicate minimal induction of host transcripts in SARS-CoV-2 unresponsive PHHs at 48 and 72 hpi associated with the indicated categories (means from n=2 donors; D4-5).

Supplementary Table S1. Extended information on PHH Donors provided from PRIMACYT Cell Culture Technology GmbH

	Company Lot #	Pathology	Species	Gender	Race	BMI	Smoker	Alcohol use	Drug use	Seeding density (cells/cm ²)
D1	CyHuf19002	Hepatic metastases	Human	Female	Caucasian	23	No	No	No	212,000
D2	CHM2225-He-Z	Hepatocellular Carcinoma	Human	Male	Caucasian	27.99	No	No	No	210,000
D3	NHM2251-HE-N	Head Trauma	Human	Male	Hispanic	25.8	N/A	N/A	N/A	160,000
D4	CHM2221-HE-C	Cholangio-carcinoma	Human	Male	Caucasian	24.33	Yes	No	No	237,000
D5	CyHum19008-HE-C	Liver Mass	Human	Male	Caucasian	36.51	No	Occasionally	No	212,000
D6	NHM2252-HE-N	Anoxia	Human	Male	Caucasian	29.1	No	Occasionally	N/A	212,000