

Supplementary Table S1. List of genes in alphabetical order related to viral response, metabolism or interferon response found significantly upregulated in hPL compared to FBS.

Genes	Viral response	Metabolism	Interferon response	Gene Description
<i>ABCC9</i>	x			ATP-binding cassette subfamily C member 9
<i>ACAA2</i>		x		acetyl-CoA acyltransferase 2
<i>ACADVL</i>		x		acyl-CoA dehydrogenase very long chain
<i>ACSL5</i>		x		acyl-CoA synthetase long chain family member 5
<i>ACSM5</i>		x		acyl-CoA synthetase medium chain family member 5
<i>ACSS1</i>		x		acyl-CoA synthetase short chain family member 1
<i>AKR1C2</i>		x		aldo-keto reductase family 1 member C2
<i>AKR1C3</i>		x		aldo-keto reductase family 1 member C3
<i>APOBEC3C</i>	x			apolipoprotein B mRNA editing enzyme catalytic subunit 3C
<i>APOBEC3D</i>	x			apolipoprotein B mRNA editing enzyme catalytic subunit 3D
<i>APOBEC3F</i>	x			apolipoprotein B mRNA editing enzyme catalytic subunit 3F
<i>APOBEC3G</i>	x			apolipoprotein B mRNA editing enzyme catalytic subunit 3G
<i>ARRB1</i>	x			arrestin beta 1
<i>ASPA</i>		x		aspartoacylase
<i>BST2</i>	x		x	bone marrow stromal cell antigen 2
<i>C19orf66</i>	x		x	
<i>C4A</i>	x			complement C4A (Rodgers blood group)
<i>C4B</i>	x			complement C4B (Chido blood group)
<i>CARD16</i>	x			caspase recruitment domain family member 16
<i>CASP1</i>	x		x	caspase 1
<i>CASP7</i>	x			caspase 7
<i>CASP8</i>	x			caspase 8
<i>CCL2</i>			x	C-C motif chemokine ligand 2
<i>CD40</i>	x		x	CD40 molecule
<i>CD74</i>	x	x		CD74 molecule
<i>CDO1</i>		x		cysteine dioxygenase type 1
<i>CLU</i>	x			clusterin
<i>CPT1A</i>		x		carnitine palmitoyltransferase 1A
<i>DDX58</i>	x			DEXD/H-box helicase 58
<i>DDX60</i>	x			DEXD/H-box helicase 60
<i>DECR1</i>		x		2,4-dienoyl-CoA reductase 1
<i>DLD</i>		x		dihydrolipoamide dehydrogenase
<i>DTX3L</i>	x			deltex E3 ubiquitin ligase 3L
<i>ECH1</i>		x		enoyl-CoA hydratase 1
<i>ECI2</i>		x		enoyl-CoA delta isomerase 2

<i>EPHX2</i>		x	epoxide hydrolase 2
<i>ETFA</i>		x	electron transfer flavoprotein subunit alpha
<i>ETFB</i>		x	electron transfer flavoprotein subunit beta
<i>F2R</i>	x		coagulation factor II thrombin receptor
<i>F2RL1</i>	x		F2R like trypsin receptor 1
<i>FAH</i>		x	fumarylacetoacetate hydrolase
<i>FMC1</i>		x	formation of mitochondrial complex V assembly factor 1 homolog
<i>GALM</i>		x	galactose mutarotase
<i>GBP2</i>		x	guanylate binding protein 2
<i>GSTZ1</i>		x	glutathione S-transferase zeta 1
<i>HADHA</i>		x	hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit alpha
<i>HADHB</i>		x	hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit beta
<i>HLA-DPA1</i>		x	major histocompatibility complex, class II, DP alpha 1
<i>HLA-DPB1</i>		x	major histocompatibility complex, class II, DP beta 1
<i>IFI16</i>	x		interferon gamma inducible protein 16
<i>IFI30</i>		x	IFI30 lysosomal thiol reductase
<i>IFI6</i>	x		interferon alpha inducible protein 6
<i>IFIH1</i>	x		interferon induced with helicase C domain 1
<i>IFIT3</i>	x		interferon induced protein with tetratricopeptide repeats 3
<i>IFITM2</i>	x	x	interferon induced transmembrane protein 2
<i>IFT57</i>	x		intraflagellar transport 57
<i>IL15</i>	x		interleukin 15
<i>IRF1</i>	x	x	interferon regulatory factor 1
<i>IRF2</i>	x	x	interferon regulatory factor 2
<i>KCNJ8</i>	x		potassium inwardly rectifying channel subfamily J member 8
<i>LXN</i>	x		latexin
<i>MX1</i>	x		MX dynamin like GTPase 1
<i>MX2</i>	x		MX dynamin like GTPase 2
<i>MYC</i>	x		MYC proto-oncogene, bHLH transcription factor
<i>NELFCD</i>	x		negative elongation factor complex member C/D
<i>NMI</i>		x	N-myc and STAT interactor
<i>NTSR1</i>		x	neurotensin receptor 1
<i>NUDT7</i>		x	nudix hydrolase 7
<i>OAS3</i>	x	x	2'-5'-oligoadenylate synthetase 3
<i>OASL</i>	x	x	2'-5'-oligoadenylate synthetase like
<i>PCCA</i>		x	propionyl-CoA carboxylase subunit alpha
<i>PDK4</i>		x	pyruvate dehydrogenase kinase 4
<i>PLCD4</i>		x	phospholipase C delta 4
<i>PLSCR1</i>	x		phospholipid scramblase 1
<i>PML</i>	x	x	PML nuclear body scaffold
<i>PPARG</i>	x	x	peroxisome proliferator-activated receptor gamma
<i>PIIB</i>	x		peptidylprolyl isomerase B

<i>PSMB8</i>	x		proteasome 20S subunit beta 8
<i>PSMB9</i>	x		proteasome 20S subunit beta 9
<i>PTGS1</i>		x	prostaglandin-endoperoxide synthase 1
<i>PYCARD</i>	x		PYD and CARD domain containing
<i>RARRES3</i>		x	retinoic acid receptor responder protein 3
<i>RTP4</i>	x		receptor transporter protein 4
<i>SERPINF1</i>	x		serpin family F member 1
<i>SOCS3</i>		x	suppressor of cytokine signaling 3
<i>TKFC</i>	x	x	triokinase and FMN cyclase
<i>TLR3</i>	x	x	toll-like receptor 3
<i>TNFSF10</i>	x		TNF superfamily member 10
<i>TRIM21</i>	x	x	tripartite motif-containing 21
<i>TSPAN32</i>	x		tetraspanin 32
<i>TSPAN6</i>	x		tetraspanin 6
