

**Table S6.** Type I interferon-regulated genes that were highly expressed in ARPE-19 human retinal pigment epithelial cells 24 hours following infection with EBOV.

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<b>Symbol</b>	<b>Ensembl ID</b>	<b>Name</b>
AAK1	ENSG00000115977	AP2 associated kinase 1
ABTB2	ENSG00000166016	ankyrin repeat and BTB (POZ) domain containing 2
ADM	ENSG00000148926	adrenomedullin
ADORA2B	ENSG00000170425	adenosine A2b receptor
AEN	ENSG00000181026	apoptosis enhancing nuclease
AIM1	ENSG00000112297	absent in melanoma 1
AK2	ENSG00000004455	adenylate kinase 2
AK4	ENSG00000162433	adenylate kinase 4
ALPK3	ENSG00000136383	alpha-kinase 3
ARHGAP26	ENSG00000145819	Rho GTPase activating protein 26
ARHGEF2	ENSG00000116584	Rho/Rac guanine nucleotide exchange factor (GEF) 2

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ARID3A	ENSG00000116017	AT rich interactive domain 3A (BRIGHT-like)
ARID5A	ENSG00000196843	AT rich interactive domain 5A (MRF1-like)
ARRDC2	ENSG00000105643	arrestin domain containing 2
ARSJ	ENSG00000180801	arylsulfatase family, member J
ASNS	ENSG00000070669	asparagine synthetase (glutamine-hydrolyzing)
ATF3	ENSG00000162772	activating transcription factor 3
ATP10A	ENSG00000206190	ATPase, class V, type 10A
BIRC3	ENSG00000023445	baculoviral IAP repeat containing 3
C17orf67	ENSG00000214226	chromosome 17 open reading frame 67
C4orf32	ENSG00000174749	chromosome 4 open reading frame 32
CCRN4L	ENSG00000151014	CCR4 carbon catabolite repression 4-like ( <i>S. cerevisiae</i> )
CD274	ENSG00000120217	CD274 molecule
CHSY1	ENSG00000131873	chondroitin sulfate synthase 1
CMPK2	ENSG00000134326	cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial
CTH	ENSG00000116761	cystathionase (cystathionine gamma-lyase)
CXCL3	ENSG00000163734	chemokine (C-X-C motif) ligand 3

CXCR4	ENSG00000121966	chemokine (C-X-C motif) receptor 4
CYP51A1	ENSG00000001630	cytochrome P450, family 51, subfamily A, polypeptide 1
DDIT3	ENSG00000175197	DNA-damage-inducible transcript 3
DDX58	ENSG00000107201	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58
DGKE	ENSG00000153933	diacylglycerol kinase, epsilon 64kDa
DOK3	ENSG00000146094	docking protein 3
DOK5	ENSG00000101134	docking protein 5
DUSP1	ENSG00000120129	dual specificity phosphatase 1
DUSP4	ENSG00000120875	dual specificity phosphatase 4
DUSP5	ENSG00000138166	dual specificity phosphatase 5
EGR1	ENSG00000120738	early growth response 1
ETV5	ENSG00000244405	ets variant 5
FEM1C	ENSG00000145780	fem-1 homolog c (C. elegans)
FRMD3	ENSG00000172159	FERM domain containing 3
GCH1	ENSG00000131979	GTP cyclohydrolase 1
GTPBP2	ENSG00000172432	GTP binding protein 2

HBEGF	ENSG00000113070	heparin-binding EGF-like growth factor
HELZ2	ENSG00000130589	helicase with zinc finger 2, transcriptional coactivator
HERC5	ENSG00000138646	HECT and RLD domain containing E3 ubiquitin protein ligase 5
HEY1	ENSG00000164683	hes-related family bHLH transcription factor with YRPW motif 1
HK2	ENSG00000159399	hexokinase 2
HMGR	ENSG00000113161	3-hydroxy-3-methylglutaryl-CoA reductase
HOMER1	ENSG00000152413	homer homolog 1 (Drosophila)
HRH1	ENSG00000196639	histamine receptor H1
IER2	ENSG00000160888	immediate early response 2
IFI44	ENSG00000137965	interferon-induced protein 44
IFI44L	ENSG00000137959	interferon-induced protein 44-like
IFI6	ENSG00000126709	interferon, alpha-inducible protein 6
IFIT1	ENSG00000185745	interferon-induced protein with tetratricopeptide repeats 1
IFIT2	ENSG00000119922	interferon-induced protein with tetratricopeptide repeats 2
IFIT3	ENSG00000119917	interferon-induced protein with tetratricopeptide repeats 3
IFITM1	ENSG00000185885	interferon induced transmembrane protein 1

IFNB1	ENSG00000171855	interferon, beta 1, fibroblast
IFRD1	ENSG00000006652	interferon-related developmental regulator 1
IL32	ENSG00000008517	interleukin 32
IL4R	ENSG00000077238	interleukin 4 receptor
IL7R	ENSG00000168685	interleukin 7 receptor
IL8	ENSG00000169429	interleukin 8
INSIG1	ENSG00000186480	insulin induced gene 1
ISG15	ENSG00000187608	ISG15 ubiquitin-like modifier
ISG20	ENSG00000172183	interferon stimulated exonuclease gene 20kDa
ITGB3	ENSG00000259207	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)
KCNG1	ENSG00000026559	potassium voltage-gated channel, subfamily G, member 1
KCNQ3	ENSG00000184156	potassium voltage-gated channel, KQT-like subfamily, member 3
KCTD12	ENSG00000178695	potassium channel tetramerization domain containing 12
KIAA1715	ENSG00000144320	KIAA1715
KLF4	ENSG00000136826	Kruppel-like factor 4 (gut)
KLF6	ENSG00000067082	Kruppel-like factor 6

LDLR	ENSG00000130164	low density lipoprotein receptor
MAFF	ENSG00000185022	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog F
MAMLD1	ENSG00000013619	mastermind-like domain containing 1
MAP3K5	ENSG00000197442	mitogen-activated protein kinase kinase kinase 5
MAPK13	ENSG00000156711	mitogen-activated protein kinase 13
MB21D1	ENSG00000164430	Mab-21 domain containing 1
METTL1	ENSG00000037897	methyltransferase like 1
METTL21B	ENSG00000123427	methyltransferase like 21B
MFSD2A	ENSG00000168389	major facilitator superfamily domain containing 2A
MGLL	ENSG00000074416	monoglyceride lipase
MINA	ENSG00000170854	MYC induced nuclear antigen
MOCOS	ENSG00000075643	molybdenum cofactor sulfurase
MSMO1	ENSG00000052802	methylsterol monooxygenase 1
MSX1	ENSG00000163132	msh homeobox 1
MT1X	ENSG00000187193	metallothionein 1X
MTHFD1L	ENSG00000120254	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like

MTHFD2	ENSG00000065911	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase
MX1	ENSG00000157601	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)
MXD1	ENSG00000059728	MAX dimerization protein 1
N4BP3	ENSG00000145911	NEDD4 binding protein 3
NAMPT	ENSG00000105835	nicotinamide phosphoribosyltransferase
NDRG1	ENSG00000104419	N-myc downstream regulated 1
OAS1	ENSG00000089127	2'-5'-oligoadenylate synthetase 1, 40/46kDa
OAS2	ENSG00000111335	2'-5'-oligoadenylate synthetase 2, 69/71kDa
OAS3	ENSG00000111331	2'-5'-oligoadenylate synthetase 3, 100kDa
OASL	ENSG00000135114	2'-5'-oligoadenylate synthetase-like
OSMR	ENSG00000145623	oncostatin M receptor
PAPD7	ENSG00000112941	PAP associated domain containing 7
PDCD1LG2	ENSG00000197646	programmed cell death 1 ligand 2
PHLDA1	ENSG00000139289	pleckstrin homology-like domain, family A, member 1

PHLDA2	ENSG00000181649	pleckstrin homology-like domain, family A, member 2
PLAGL1	ENSG00000118495	pleiomorphic adenoma gene-like 1
PLEKHA4	ENSG00000105559	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 4
PLK3	ENSG00000173846	polo-like kinase 3
PRKCE	ENSG00000171132	protein kinase C, epsilon
RAB20	ENSG00000139832	RAB20, member RAS oncogene family
RASSF2	ENSG00000101265	Ras association (RalGDS/AF-6) domain family member 2
RDH11	ENSG00000072042	retinol dehydrogenase 11 (all-trans/9-cis/11-cis)
RNF19B	ENSG00000116514	ring finger protein 19B
RNMT	ENSG00000101654	RNA (guanine-7-) methyltransferase
RSAD2	ENSG00000134321	radical S-adenosyl methionine domain containing 2
SAMD4A	ENSG00000020577	sterile alpha motif domain containing 4A
SAMD9	ENSG00000205413	sterile alpha motif domain containing 9
SCD	ENSG00000099194	stearoyl-CoA desaturase (delta-9-desaturase)
SERTAD2	ENSG00000179833	SERTA domain containing 2



SH3D21	ENSG00000214193	SH3 domain containing 21
SH3PXD2A	ENSG00000107957	SH3 and PX domains 2A
SLC16A6	ENSG00000108932	solute carrier family 16, member 6
SLC20A1	ENSG00000144136	solute carrier family 20 (phosphate transporter), member 1
SLC22A13	ENSG00000172940	solute carrier family 22 (organic anion/urate transporter), member 13
SLC25A25	ENSG00000148339	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 25
SLC36A1	ENSG00000123643	solute carrier family 36 (proton/amino acid symporter), member 1
SLC7A1	ENSG00000139514	solute carrier family 7 (cationic amino acid transporter, y <sup>+</sup> system), member 1
SLFN5	ENSG00000166750	schlafen family member 5
SMOX	ENSG00000088826	spermine oxidase
SOWAHC	ENSG00000198142	sosondowah ankyrin repeat domain family member C
SP140	ENSG00000079263	SP140 nuclear body protein
SPOCK2	ENSG00000107742	sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 2

SPRY1	ENSG00000164056	sprouty homolog 1, antagonist of FGF signaling (Drosophila)
SQLE	ENSG00000104549	squalene epoxidase
STARD4	ENSG00000164211	StAR-related lipid transfer (START) domain containing 4
STX11	ENSG00000135604	syntaxin 11
TGFA	ENSG00000163235	transforming growth factor, alpha
THEMIS2	ENSG00000130775	thymocyte selection associated family member 2
TMEM71	ENSG00000165071	transmembrane protein 71
TNFAIP3	ENSG00000118503	tumor necrosis factor, alpha-induced protein 3
TRAF1	ENSG00000056558	TNF receptor-associated factor 1
TRAF5	ENSG00000082512	TNF receptor-associated factor 5
TRIB2	ENSG00000071575	tribbles pseudokinase 2
TRIB3	ENSG00000101255	tribbles pseudokinase 3
TRIM25	ENSG00000121060	tripartite motif containing 25
UBASH3B	ENSG00000154127	ubiquitin associated and SH3 domain containing B
USP18	ENSG00000184979	ubiquitin specific peptidase 18
VEGFA	ENSG00000112715	vascular endothelial growth factor A

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VTRNA1-3	ENSG00000202515	vault RNA 1-3
WARS	ENSG00000140105	tryptophanyl-tRNA synthetase
XDH	ENSG00000158125	xanthine dehydrogenase
XIAP	ENSG00000101966	X-linked inhibitor of apoptosis
XPOT	ENSG00000184575	exportin, tRNA
ZNF131	ENSG00000172262	zinc finger protein 131

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