S1 Table. Host RNAs bound by wild-type EBOV VP35. Transcripts listed were significantly enriched in the wild-type VP35 samples compared to the RNA-binding mutant samples
Yellow cells denote host genes with a p-value of less than 0.01 and a False Discovery Rate of less than 0.1.

Gene name	Gene ID	log2 Fold Change (WT VP35/ Mutant VP35	p-value (cut off at 0.01)	False Discovery Rate (FDR less than 0.1 highlighted yellow)	Gene description
PAICS	ENSG00000128050.6	7.772489755	1.62E-06	0.004680565	Phosphoribosylaminoimidazole Carboxylase, Phosphoribosylaminoimidazole Succinocarboxamide Synthetase
EEF1A1	ENSG00000156508.15	7.774185844	1.46E-05	0.015133307	Elongation factor 1-alpha 1 (EF-1-alpha-1)(Elongation factor 1 A-1)(eEF1A-1)(Elongation factor Tu)(EF-Tu)(Leukocyte receptor cluster member 7)
UBAP2L	ENSG00000143569.16	7.692490751	1.57E-05	0.015133307	Ubiquitin associated protein 2-like (HGNC Symbol)
MDM2	ENSG00000135679.19	6.503100354	3.38E-05	0.024433529	E3 ubiquitin-protein ligase Mdm2 (EC 6.3.2.-)(p53-binding protein Mdm2)(Oncoprotein Mdm2)(Double minute 2 protein)(Hdm2)
MAGT1	ENSG00000102158.17	6.598189639	0.000236413	0.121959595	Magnesium transporter 1
NUCKS1	ENSG00000069275.12	6.986755582	0.000253291	0.121959595	Nuclear casein kinase and cyclin-dependent kinase substrate 1
MIER1	ENSG00000198160.12	6.171916443	0.000381046	0.157263095	Mesoderm induction early response 1 homolog
RP1-177G6.1	ENSG00000203930.8	6.334063976	0.000546166	0.16159546	Long intergenic non-protein coding RNA 632
DDTL	ENSG00000099974.7	7.059726346	0.000615497	0.16159546	D-Dopachrome Tautomerase-Like Protein
MGRN1	ENSG00000102858.10	7.787300099	0.000626225	0.16159546	Mahogunin, ring finger 1
TMPO	ENSG00000120802.11	7.117096885	0.000633263	0.16159546	Thymopoietin
STAP2	ENSG00000178078.9	7.261024837	0.000671217	0.16159546	Signal transducing adaptor family member 2 isoform 1
STAG3L3	ENSG00000174353.15	7.502386323	0.001184484	0.254923943	Stromal antigen 3-like 3
FOXRED2	ENSG00000100350.12	7.40080848	0.00130187	0.254923943	FAD-dependent oxidoreductase domain-containing protein 2 Precursor
XIST	ENSG00000229807.7	6.591526539	0.001323593	0.254923943	X (inactive)-specific transcript (non-protein coding)
RILPL1	ENSG00000188026.9	6.031174686	0.002235718	0.297376737	RILP-like protein 1 (Rab-interacting lysosomal-like protein 1)
ACTG1	ENSG00000184009.7	5.547291314	0.002809362	0.297376737	Actin gamma 1
CTDSPL2	ENSG00000137770.11	5.991502718	0.002832788	0.297376737	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase like 2
EIF4G3	ENSG00000075151.17	6.566576616	0.003017884	0.297376737	Eukaryotic translation initiation factor 4 gamma 3
SRRM1	ENSG00000133226.14	7.216633989	0.003356452	0.297376737	Serine/arginine repetitive matrix protein 1
SRP9	ENSG00000143742.10	6.764763938	0.003623792	0.297376737	Signal recognition particle 9kDa
NPM1	ENSG00000181163.11	6.148051428	0.003653284	0.297376737	Nucleophosmin
ZSWIM1	ENSG00000168612.4	6.27053932	0.004325236	0.297376737	Zinc finger, SWIM-type containing 1
RPL37	ENSG00000145592.11	5.634422799	0.004847204	0.297376737	Ribosomal protein L37
GPT2	ENSG00000166123.11	5.088543364	0.00485981	0.297376737	Glutamate pyruvate transaminase 2
LIMD1	ENSG00000144791.7	7.401369734	0.004928175	0.297376737	LIM domains containing 1
TBL1XR1	ENSG00000177565.13	5.55087443	0.005279995	0.297376737	F-box-like/WD repeat-containing protein TBL1XR1
SRSF4	ENSG00000116350.13	6.048874303	0.005700966	0.297376737	Serine/Arginine-Rich Splicing Factor 4
NOL9	ENSG00000162408.10	5.388411502	0.00579013	0.297376737	Nucleolar protein 9
DCAF16	ENSG00000163257.8	6.418020566	0.005963036	0.297376737	DDB1 And CUL4 Associated Factor 16
NUP155	ENSG00000113569.13	5.919344752	0.006038805	0.297376737	Nucleoporin 155kDa
LRPPRC	ENSG00000138095.16	5.673206266	0.00612877	0.297376737	Leucine-rich PPR motif-containing protein, mitochondrial Precursor
RPS16	ENSG00000105193.6	6.079768352	0.006256834	0.297376737	40S ribosomal protein S16
HSD17B14	ENSG00000087076.6	6.072810975	0.006764263	0.297376737	17-beta-hydroxysteroid dehydrogenase 14
RBM6	ENSG00000004534.12	5.672092639	0.006939973	0.297376737	RNA binding motif protein 6
ZMYM1	ENSG00000197056.7	5.03713702	0.007072434	0.297376737	Zinc finger, MYM-type 1
PDS5A	ENSG00000121892.12	6.11285061	0.007126884	0.297376737	Sister chromatid cohesion protein PDS5 homolog A
TBC1D14	ENSG00000132405.16	5.860596907	0.007273659	0.297376737	TBC1 domain family member 14
SENP1	ENSG00000079387.11	5.876774665	0.007529218	0.297376737	Sentrin-specific protease 1
YTHDF3	ENSG00000185728.14	6.019639443	0.007590554	0.297376737	YTH domain family protein 3
SSR3	ENSG00000114850.4	5.462562081	0.007666455	0.297376737	Signal sequence receptor, gamma (translocon-associated protein gamma)
MLXIP	ENSG00000175727.11	6.236163239	0.007822281	0.297376737	MLX interacting protein
RPS6KB1	ENSG00000108443.11	6.253494347	0.008061427	0.297376737	Ribosomal protein S6 kinase beta-1
CXorf56	ENSG00000018610.11	5.881429131	0.008200732	0.297376737	Chromosome X open reading frame 56
SOAT1	ENSG00000057252.10	5.509490572	0.008398197	0.297376737	Sterol O-acyltransferase 1
SLC16A1	ENSG00000226419.4	6.322519739	0.008473716	0.297376737	Solute carrier family 16(Monocraboxylate Transporter), member 1
AMD1	ENSG00000123505.12	4.965100678	0.008518415	0.297376737	S-adenosylmethionine decarboxylase proenzyme
LSM14A	ENSG00000257103.6	5.894020561	0.008737236	0.297376737	LSM14A MRNA Processing Body Assembly Factor
ACACA	ENSG00000278540.2	5.168445787	0.008938589	0.297376737	Acetyl-CoA carboxylase alpha
DMTF1	ENSG00000135164.16	5.199575805	0.008939507	0.297376737	Cyclin D binding myb-like transcription factor 1
ABL2	ENSG00000143322.17	4.403346491	0.008991151	0.297376737	Tyrosine-protein kinase ABL2
ATF7IP	ENSG00000171681.10	5.38644173	0.009011743	0.297376737	Activating transcription factor 7 interacting protein
KLHL26	ENSG00000167487.9	5.760448756	0.009044621	0.297376737	Kelch-Like Family Member 26
ZNF292	ENSG00000188994.10	5.430540118	0.009285781	0.297376737	Zinc finger protein 292
COX7A2L	ENSG00000115944.12	5.538155044	0.009310472	0.297376737	Cytochrome c oxidase subunit VIIa polypeptide 2-like protein
SMC3	ENSG00000108055.9	5.549982782	0.009344435	0.297376737	Structural maintenance of chromosomes 3
SEP15	ENSG00000183291.13	4.927670806	0.009474717	0.297376737	15 KDa Selenoprotein
CCT8	ENSG00000156261.10	5.323938536	0.009505394	0.297376737	T-complex protein 1 subunit theta
NIPBL	ENSG00000164190.14	5.114880435	0.009533064	0.297376737	Nipped-B-like protein
EIF4G2	ENSG00000110321.13	5.044367551	0.009836729	0.297376737	Eukaryotic translation initiation factor 4 gamma, 2
STT3A	ENSG00000134910.10	6.056054055	0.009912791	0.297376737	Subunit of the oligosaccharyltransferase complex
ZNF714	ENSG00000160352.13	6.447914495	0.00999696	0.297376737	Zinc finger protein 714