

Supplementary Table. Cytosolic SV40-interacting host components

Gene	Annotation	Gene	Annotation
PLEC	Plectin	GTF2I	General transcription factor II-I
FLNC	Filamin-C	UBA2	SUMO-activating enzyme subunit 2
DYNC1H1	Cytoplasmic dynein 1 heavy chain 1	TPI1	Triosephosphate isomerase
MYH9	Myosin-9	EFTUD2	116 kDa U5 small nuclear ribonucleoprotein component
FLNA	Filamin-A	MGEA5	Protein O-GlcNAcase
TLN1	Talin-1	KIF3B	Kinesin-like protein KIF3B
FLNB	Filamin-B	PLIN3	Perilipin-3
CKAP5	Cytoskeleton-associated protein 5	SUPT16H	FACT complex subunit SPT16
GCN1	eIF-2- α kinase activator	FKBP15	FK506-binding protein 15
EIF4G1	Eukaryotic translation initiation factor 4- γ 1	ESPL1	Separin
SPTAN1	Spectrin α -chain, non-erythrocytic 1	VASP	Vasodilator-stimulated phosphoprotein
CNOT1	CCR4-NOT transcription complex subunit 1	QKI	Protein quaking
HNRNPM	Heterogeneous nuclear ribonucleoprotein M	OLA1	Obg-like ATPase 1
VPS13C	Vacuolar protein sorting-associated protein 13C	ATP5B	ATP synthase subunit- β , mitochondrial
EPRS	Bifunctional glutamate/proline-tRNA ligase	MCM2	DNA replication licensing factor MCM2
CLTC	Clathrin heavy chain 1	RBM27	RNA-binding protein 27
SPTBN1	Spectrin β -chain, non-erythrocytic 1	SHB	SH2 domain-containing adapter protein B
CAD	CAD protein	PSMD6	26S proteasome non-ATPase regulatory subunit 6
UBR4	E3 ubiquitin-protein ligase	CCAR2	Cell cycle and apoptosis regulator protein 2
HKDC1	Putative hexokinase	RFC4	Replication factor C subunit 4
ACACA	Acetyl-CoA carboxylase 1	PSMB5	Proteasome subunit- β type-5
HSPA8, Hsc70	Heat shock cognate 71 kDa protein	PTPN23	Tyrosine-protein phosphatase non-receptor type 23
PABPC1	Polyadenylate-binding protein 1	RAB14	Ras-related protein Rab-14
MACF1	Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5	MOV10	Putative helicase MOV-10
LMNA	Prelamin-A/C	DHX30	Putative ATP-dependent RNA helicase
KIF5B	Kinesin-1 heavy chain	COPB1	Coatomer subunit- β
MTHFD1	C-1-tetrahydrofolate synthase	PSMD14	26S proteasome non-ATPase regulatory subunit 14
BAG6	Large proline-rich protein	ADD1	α -Adducin
PHLDB2	Pleckstrin homology-like domain family B member 2	RPS4Y1	40S ribosomal protein S4, Y isoform 1
UPF1	Regulator of nonsense transcripts 1	NDE1/NUDE	Nuclear distribution protein nudE homolog 1
EIF3A	Eukaryotic translation initiation factor 3 subunit A	DCDC2	Doublecortin domain-containing protein 2
COPA	Coatomer subunit- α	TLN2	Talin-2
NCL	Nucleolin	RPL13	60S ribosomal protein L13
EEF2	Elongation factor 2	PSMD12	26S proteasome non-ATPase regulatory subunit 12
LARS	Leucine-tRNA ligase, cytoplasmic	CAST	Calpastatin
PGK1	Phosphoglycerate kinase 1	KIAA1217	Sickle tail protein homolog
PRKDC	DNA-dependent protein kinase catalytic subunit	EIF4H	Eukaryotic translation initiation factor 4H
PARP1	Poly [ADP-ribose] polymerase 1	ACTG1	Actin, cytoplasmic 2
ACTA2	Actin, aortic smooth muscle	EML3	Echinoderm microtubule-associated protein-like 3
UBA1	Ubiquitin-like modifier-activating enzyme 1	EIF3I	Eukaryotic translation initiation factor 3 subunit I
CLIP2/CYLN2/CLIP155	CAP-Gly domain-containing linker protein 2	IDH1	Isocitrate dehydrogenase [NADP] cytoplasmic
HSPH1, Hsp105	Heat shock protein 105 kDa	BUB3	Mitotic checkpoint protein
VIM	Vimentin	NAV3	Neuron navigator 3
XRCC6	X-ray repair cross-complementing protein 6	IGF2BP2	Insulin-like growth factor 2 mRNA-binding protein 2
MYH10	Myosin-10	SF3B2	Splicing factor 3B subunit 2
USP9X/FAM	Probable ubiquitin carboxyl-terminal hydrolase FAF-X	SUGT1	Protein SGT1 homolog
HSPB1	Heat shock protein- β 1	AP1B1	AP-1 complex subunit- β 1
UBAP2L	Ubiquitin-associated protein 2-like	KIF5A	Kinesin heavy chain isoform 5A
GAPVD1	GTPase-activating protein & VPS9 domain-containing protein 1	RPL7	60S ribosomal protein L7
EEF1G	Elongation factor 1 γ	ADAR	Double-stranded RNA-specific adenosine deaminase
ANLN	Anillin	NUP93	Nuclear pore complex protein Nup93
DCTN1/p150	Dynactin subunit 1	RPLP0P6	60S acidic ribosomal protein P0-like
EIF3E	Eukaryotic translation initiation factor 3 subunit E	EDC4	Enhancer of mRNA-decapping protein 4
KHSRP	Far upstream element-binding protein 2	KIF2A	Kinesin-like protein KIF2A
COPG1	Coatomer subunit- γ 1	ARHGEF1	Rho guanine nucleotide exchange factor 1
RPS3A	40S ribosomal protein S3a	MAT2A	S-adenosylmethionine synthase isoform type-2
ECM29	Proteasome-associated protein ECM29 homolog	BIRC6	Baculoviral IAP repeat-containing protein 6
PSMC5	26S protease regulatory subunit 8	MSH6	DNA mismatch repair protein Msh6

SF3B3	Splicing factor 3B subunit 3	KNTC1	Kinetochore-associated protein 1
XRCC5	X-ray repair cross-complementing protein 5	CTNNB1	Catenin β -1
KPNA2	Importin subunit- α 1	RB1	Retinoblastoma-associated protein
HTT	Huntingtin	TTK	Dual specificity protein kinase TTK
TRIM28	Transcription intermediary factor 1- β	TRUB1	Probable tRNA pseudouridine synthase 1
SMC2	Structural maintenance of chromosomes protein 2	ARAP1	Arf-GAP with Rho-GAP domain, ANK repeat & PH domain protein 1
VARS	Valine-tRNA ligase	PPP4R1	Serine/threonine-protein phosphatase 4 regulatory subunit 1
USP5	Ubiquitin carboxyl-terminal hydrolase 5	PRUNE1	Exopolyphosphatase PRUNE1
NPEPPS	Puromycin-sensitive aminopeptidase	SNX1	Sorting nexin-1
HSPA2, Hsp70	Heat shock-related 70 kDa protein 2	KARS	Lysine-tRNA ligase
FUBP1	Far upstream element-binding protein 1	ANK3	Ankyrin-3
EIF3L	Eukaryotic translation initiation factor 3 subunit L	RASSF2	Ras association domain-containing protein 2
IPO5	Importin-5	GEMIN5	Gem-associated protein 5
FASN	Fatty acid synthase	KIF20A	Kinesin-like protein KIF20A
DNMT1	DNA (cytosine-5)-methyltransferase 1	CARD10	Caspase recruitment domain-containing protein 10
IPO9	Importin-9	USP10	Ubiquitin carboxyl-terminal hydrolase 10
RTL1	Retrotransposon-like protein 1	HLTF	Helicase-like transcription factor
RPS4X	40S ribosomal protein S4, X isoform	CCDC88A	Girdin
NEMF	Nuclear export mediator factor	POLD1	DNA polymerase- γ catalytic subunit
IPO7	Importin-7	SNRPB	Small nuclear ribonucleoprotein-associated proteins B and B'
XPO1	Exportin-1	ANP32A	Acidic leucine-rich nuclear phosphoprotein 32 family member A
PA2G4	Proliferation-associated protein 2G4	DNAJC9/HDJC9	DnaJ homolog subfamily C member 9
PLCB3	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase- β 3	SAE1	SUMO-activating enzyme subunit 1
ANXA4	Annexin A4	RBPMS	RNA-binding protein with multiple splicing
KIF1A	Kinesin-like protein KIF1A	PSMA3	Proteasome subunit- α type-3
RAP1GDS1	Rap1 GTPase-GDP dissociation stimulator 1	TNS1	Tensin-1
DDB1	DNA damage-binding protein 1	ZSWIM8	Zinc finger SWIM domain-containing protein 8
CLIP1	CAP-Gly domain-containing linker protein 1	PPP6R3	Serine/threonine-protein phosphatase 6 regulatory subunit 3
ATXN10	Ataxin-10	RAB1A	Ras-related protein Rab-1A
GBF1	Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1	COG5	Conserved oligomeric Golgi complex subunit 5
MVP	Major vault protein	NCOA3	Nuclear receptor coactivator 3
XPOT	Exportin-T	UCHL5	Ubiquitin carboxyl-terminal hydrolase isozyme L5
HSPD1/GroEL	60 kDa heat shock protein	CD2BP2	CD2 antigen cytoplasmic tail-binding protein 2
RRM2	Ribonucleoside-diphosphate reductase subunit M2	PSMB4	Proteasome subunit- β type-4
CDC73	Parafibromin	CLUH	Clustered mitochondria protein homolog
STAU2	Double-stranded RNA-binding protein Staufen homolog 2	CNOT9	CCR4-NOT transcription complex subunit 9
XPO5	Exportin-5	LUC7L2	Putative RNA-binding protein Luc7-like 2
TALDO1	Transaldolase	PRKAR1A	cAMP-dependent protein kinase type I- α regulatory subunit
EIF5B	Eukaryotic translation initiation factor 5B	GDI2	Rab GDP dissociation inhibitor- β
EIF3G	Eukaryotic translation initiation factor 3 subunit G	TXLNA	α -taxilin
RAVER1	Ribonucleoprotein PTB-binding 1	RABGAP1	Rab GTPase-activating protein 1
ARCN1	Coatamer subunit-6	VCPIP1	Deubiquitinating protein VCIP135
SEPT2	Septin-2	DNAJA1/HDJ2	DnaJ homolog subfamily A member 1
ANKHD1	Ankyrin repeat and KH domain-containing protein 1	LATS1	Serine/threonine-protein kinase LATS1
PSMD4	26S proteasome non-ATPase regulatory subunit 4	RAB7A	Ras-related protein Rab-7a
MAP1B	Microtubule-associated protein 1B	BZW1	Basic leucine zipper and W2 domain-containing protein 1
PSMD2	26S proteasome non-ATPase regulatory subunit 2	42985	Septin-7
PSMD13	26S proteasome non-ATPase regulatory subunit 13	PPP2R1B	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A- β
TPM4	Tropomyosin α -4 chain	SDE2	Protein SDE2 homolog
EIF3C	Eukaryotic translation initiation factor 3 subunit C	DOCK7	Dedicator of cytokinesis protein 7
PRPF31	U4/U6 small nuclear ribonucleoprotein Prp31	FXR1	Fragile X mental retardation syndrome-related protein 1
EIF3H	Eukaryotic translation initiation factor 3 subunit H	CDK6	Cyclin-dependent kinase 6
PUM1	Pumilio homolog 1	IFI16	γ -interferon-inducible protein 16
DNAJC13/RME8	DnaJ homolog subfamily C member 13	FARSA	Phenylalanine-tRNA ligase α -subunit
ACTN1	Alpha-actinin-1	RPS2	40S ribosomal protein S2
KIF11	Kinesin-like protein KIF11	RANBP2/NUP358	E3 SUMO-protein ligase
RPS8	40S ribosomal protein S8	PSMB6	Proteasome subunit- β type-6
RBM12	RNA-binding protein 12	CDKN2AIP	CDKN2A-interacting protein
SNRNP200	U5 small nuclear ribonucleoprotein 200 kDa helicase	PPP3CA	Serine/threonine-protein phosphatase 2B catalytic subunit α -isoform
MTCL1	Microtubule cross-linking factor 1	HSPA4L, Apg-1	Heat shock 70 kDa protein 4L

EFL1	Elongation factor-like GTPase 1	PRDX6	Peroxiredoxin-6
DOCK9	Dedicator of cytokinesis protein 9	ATXN2	Ataxin-2
CHTF8	Chromosome transmission fidelity protein 8 homolog isoform 2	ARHGAP18	Rho GTPase-activating protein 18
SEC23IP	SEC23-interacting protein	DYNC112	Cytoplasmic dynein 1 intermediate chain 2
PCNA	Proliferating cell nuclear antigen	CCDC22	Coiled-coil domain-containing protein 22
ACTN4	α -actinin-4	PPP2R5D	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit- γ
CTTNBP2	Cortactin-binding protein 2	NCOR2	Nuclear receptor corepressor 2
NFKB2	Nuclear factor NF- κ B p100 subunit	KIFC1	Kinesin-like protein KIFC1
HIP1R	Huntingtin-interacting protein 1-related protein	GNPDA1	Glucosamine-6-phosphate isomerase 1
ANKRD17	Ankyrin repeat domain-containing protein 17	TTC28	Tetratricopeptide repeat protein 28
EIF3B	Eukaryotic translation initiation factor 3 subunit B	GIPC1	PDZ domain-containing protein GIPC1
HSP90AB3P	Putative heat shock protein 90- β 3	ARFGEF1	Brefeldin A-inhibited guanine nucleotide-exchange protein 1
UBE2O	(E3-independent) E2 ubiquitin-conjugating enzyme	MAPRE3	Microtubule-associated protein RP/EB family member 3
MSH2	DNA mismatch repair protein	TCAF1	TRPM8 channel-associated factor 1
TARDBP	TAR DNA-binding protein 43	PDS5A	Sister chromatid cohesion protein PDS5 homolog A
PIK3C2A	PI4P 3-kinase C2 domain-containing subunit- α	IPO4	Importin-4
RAB5C/RABL	Ras-related protein Rab-5C	USP25	Ubiquitin carboxyl-terminal hydrolase 25
NUMA1	Nuclear mitotic apparatus protein 1	DST	Dystonin
LDHA	L-lactate dehydrogenase A chain	ARFGEF2	Brefeldin A-inhibited guanine nucleotide-exchange protein 2
HNRNPF	Heterogeneous nuclear ribonucleoprotein F	TNS3	Tensin-3
CSDE1	Cold shock domain-containing protein E1	RILPL1	RILP-like protein 1
PRRC2B	Protein PRRC2B	LARP1	La-related protein 1
TAGLN2	Transgelin-2	TRIP13	Pachytene checkpoint protein 2 homolog
HSP90AB1	Heat shock protein 90- β	NF1	Neurofibromin
SRP68	Signal recognition particle subunit 68	TPT1	Translationally-controlled tumor protein