

Supplementary Table S1. Differential proteomic profile of SEVh ($p < 0.01$)

Protein Code	Protein Name	t.stat	p value	- log10(p)	FDR*
ISG15	Ubiquitin-like protein ISG15	196.650	4.01E-09	8.397	9.59E-06
PR40A	Pre-mRNA-processing factor 40 homolog A	80.288	1.44E-07	6.841	1.72E-04
MTOR	Serine/threonine-protein kinase mTOR	60.318	4.52E-07	6.344	3.60E-04
IMA5	Importin subunit alpha-5	48.570	1.08E-06	5.969	5.40E-04
RL36	60S ribosomal protein L36	47.965	1.13E-06	5.947	5.40E-04
HNRL2	Heterogeneous nuclear ribonucleoprotein U-like protein 2	40.705	2.18E-06	5.662	8.42E-04
PKN2	Serine/threonine-protein kinase N2	38.313	2.77E-06	5.557	8.42E-04
CHERP	Calcium homeostasis endoplasmic reticulum protein	35.985	3.56E-06	5.449	8.42E-04
RO60	RNA-binding protein RO60	35.466	3.77E-06	5.423	8.42E-04
MRCKB	Serine/threonine-protein kinase MRCK beta	34.954	4.00E-06	5.398	8.42E-04
ENOG	Gamma-enolase	34.607	4.16E-06	5.381	8.42E-04
SNRPA	U1 small nuclear ribonucleoprotein A	34.466	4.23E-06	5.374	8.42E-04
MSH2	DNA mismatch repair protein Msh2	33.412	4.79E-06	5.320	8.80E-04
TEBP	Prostaglandin E synthase 3	30.983	6.47E-06	5.189	1.05E-03
RPTOR	Regulatory-associated protein of mTOR	30.832	6.59E-06	5.181	1.05E-03
DEFI6	Differentially expressed in FDCP 6 homolog	29.611	7.75E-06	5.111	1.12E-03
SMAD3; SMAD5; SMAD1; SMAD2; SMAD9	Mothers against decapentaplegic homolog 3; Mothers against decapentaplegic homolog 5; Mothers against decapentaplegic homolog 1; Mothers against decapentaplegic homolog 2; Mothers against decapentaplegic homolog 9	29.375	8.00E-06	5.097	1.12E-03
MAP1B	Microtubule-associated protein 1B	27.882	9.84E-06	5.007	1.15E-03
DKC1	H/ACA ribonucleoprotein complex subunit DKC1	27.850	9.89E-06	5.005	1.15E-03
DCTN2	Dynactin subunit 2	27.674	1.01E-05	4.994	1.15E-03
TRA2B	Transformer-2 protein homolog beta	27.669	1.01E-05	4.994	1.15E-03
EIF3H	Eukaryotic translation initiation factor 3 subunit H	25.945	1.31E-05	4.882	1.41E-03
MTND	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase	25.713	1.36E-05	4.867	1.41E-03
AQR	RNA helicase aquarius	24.715	1.59E-05	4.798	1.58E-03
CMBL	Carboxymethylenebutenolidase homolog	23.785	1.85E-05	4.732	1.67E-03
OXS1	Serine/threonine-protein kinase OSR1	23.503	1.94E-05	4.712	1.67E-03
CCZ1; CCZ1B	Vacuolar fusion protein CCZ1 homolog; Vacuolar fusion protein CCZ1 homolog B	23.227	2.04E-05	4.691	1.67E-03
MET	Hepatocyte growth factor receptor	23.003	2.12E-05	4.674	1.67E-03

CAND1	Cullin-associated NEDD8-dissociated protein 1	22.901	2.15E-05	4.667	1.67E-03
RGPD4; RGPD3; RGPD1; RGPD2; RGPD5; RGPD8	RanBP2-like and GRIP domain-containing protein 4; RanBP2-like and GRIP domain-containing protein 3; RanBP2-like and GRIP domain-containing protein 1; RanBP2-like and GRIP domain-containing protein 2; RanBP2-like and GRIP domain-containing protein 5; RanBP2-like and GRIP domain-containing protein 8	22.863	2.17E-05	4.664	1.67E-03
CSTF2	Cleavage stimulation factor subunit 2	22.852	2.17E-05	4.663	1.67E-03
IPO5	Importin-5	22.673	2.24E-05	4.650	1.67E-03
PA1B3	Platelet-activating factor acetylhydrolase IB subunit alpha1	22.051	2.50E-05	4.602	1.78E-03
MAP4	Microtubule-associated protein 4	21.890	2.58E-05	4.589	1.78E-03
YTHD3; YTHD1	YTH domain-containing family protein 3; YTH domain-containing family protein 1	21.827	2.61E-05	4.584	1.78E-03
KPCD	Protein kinase C delta type	21.357	2.84E-05	4.546	1.85E-03
GEPH	Gephyrin	21.326	2.86E-05	4.544	1.85E-03
CSN7A	COP9 signalosome complex subunit 7a	20.934	3.08E-05	4.512	1.94E-03
AR6P4	ADP-ribosylation factor-like protein 6-interacting protein 4	20.082	3.63E-05	4.440	2.19E-03
AIMP2	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2	20.036	3.66E-05	4.436	2.19E-03
CO5A1	Collagen alpha-1(V) chain	19.801	3.84E-05	4.416	2.24E-03
RS2	40S ribosomal protein S2	19.162	4.37E-05	4.359	2.49E-03
ANFY1	Rabankyrin-5	18.862	4.65E-05	4.332	2.54E-03
SCFD1	Sec1 family domain-containing protein 1	18.843	4.67E-05	4.331	2.54E-03
CHD1	Chromodomain-helicase-DNA-binding protein 1	18.682	4.83E-05	4.316	2.54E-03
MET25	Probable methyltransferase-like protein 25	18.622	4.89E-05	4.310	2.54E-03
EI2BD	Translation initiation factor eIF-2B subunit delta	18.212	5.35E-05	4.272	2.72E-03
GALT2	Polypeptide N-acetylgalactosaminyltransferase 2	18.063	5.52E-05	4.258	2.75E-03
CUTA	Protein CutA	17.857	5.78E-05	4.238	2.82E-03
RLA2	60S acidic ribosomal protein P2	17.691	6.00E-05	4.222	2.87E-03
RIR2	Ribonucleoside-diphosphate reductase subunit M2	17.556	6.18E-05	4.209	2.90E-03
AP2S1	AP-2 complex subunit sigma	17.469	6.31E-05	4.200	2.90E-03
KITH	Thymidine kinase. cytosolic	17.357	6.47E-05	4.189	2.92E-03
GFPT2	Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 2	17.203	6.70E-05	4.174	2.96E-03
MYLK	Myosin light chain kinase. smooth muscle	17.074	6.90E-05	4.161	3.00E-03
TNS2; TENS3; TENS1	Tensin-2; Tensin-3; Tensin-1	16.846	7.28E-05	4.138	3.11E-03
VPS36	Vacuolar protein-sorting-associated protein 36	16.482	7.94E-05	4.100	3.27E-03

PAF1	RNA polymerase II-associated factor 1 homolog	16.479	7.94E-05	4.100	3.27E-03
PALLD	Palladin	16.321	8.25E-05	4.084	3.34E-03
IF4G2	Eukaryotic translation initiation factor 4 gamma 2	16.113	8.68E-05	4.062	3.46E-03
FPPS	Farnesyl pyrophosphate synthase	15.836	9.29E-05	4.032	3.52E-03
ARL1	ADP-ribosylation factor-like protein 1	15.821	9.33E-05	4.030	3.52E-03
SYMC	Methionine--tRNA ligase. cytoplasmic	15.788	9.40E-05	4.027	3.52E-03
SATT	Neutral amino acid transporter A	15.774	9.44E-05	4.025	3.52E-03
OGFR	Opioid growth factor receptor	15.662	9.71E-05	4.013	3.57E-03
RAB1B	Ras-related protein Rab-1B	15.602	9.85E-05	4.006	3.57E-03
CSN5	COP9 signalosome complex subunit 5	15.515	1.01E-04	3.997	3.59E-03
RRAGA; RRAGB	Ras-related GTP-binding protein A; Ras-related GTP-binding protein B	15.436	1.03E-04	3.988	3.61E-03
FXR2	Fragile X mental retardation syndrome-related protein 2	15.097	1.12E-04	3.950	3.89E-03
EXOS3	Exosome complex component RRP40	15.027	1.14E-04	3.942	3.90E-03
RB27A	Ras-related protein Rab-27A	14.831	1.20E-04	3.920	4.05E-03
CRLD1	Cysteine-rich secretory protein LCCL domain-containing 1	14.651	1.26E-04	3.899	4.09E-03
MCM3	DNA replication licensing factor MCM3	14.641	1.27E-04	3.898	4.09E-03
ZNT7	Zinc transporter 7	14.639	1.27E-04	3.897	4.09E-03
LANC1	Glutathione S-transferase LANCL1	14.513	1.31E-04	3.883	4.14E-03
AP1G1	AP-1 complex subunit gamma-1	14.497	1.32E-04	3.881	4.14E-03
GAPD1	GTPase-activating protein and VPS9 domain-containing protein 1	14.033	1.50E-04	3.825	4.64E-03
ARHGI	Rho guanine nucleotide exchange factor 18	13.628	1.68E-04	3.775	5.08E-03
IFRD2	Interferon-related developmental regulator 2	13.626	1.68E-04	3.775	5.08E-03
IF4G1	Eukaryotic translation initiation factor 4 gamma 1	13.450	1.77E-04	3.753	5.28E-03
FERM1	Fermitin family homolog 1	13.217	1.89E-04	3.723	5.59E-03
ARGL1	Arginine and glutamate-rich protein 1	13.099	1.96E-04	3.708	5.72E-03
KCC2D	Calcium/calmodulin-dependent protein kinase type II subunit delta	13.026	2.00E-04	3.698	5.74E-03
HPRT	Hypoxanthine-guanine phosphoribosyltransferase	13.005	2.02E-04	3.695	5.74E-03
RBM25	RNA-binding protein 25	12.929	2.06E-04	3.685	5.76E-03
SEC13	Protein SEC13 homolog	12.896	2.08E-04	3.681	5.76E-03
SART3	Squamous cell carcinoma antigen recognized by T-cells 3	12.877	2.10E-04	3.678	5.76E-03
CK098	Uncharacterized protein C11orf98	12.827	2.13E-04	3.672	5.78E-03
AP1B1	AP-1 complex subunit beta-1	12.759	2.17E-04	3.663	5.83E-03

PR38B	Pre-mRNA-splicing factor 38B	12.707	2.21E-04	3.656	5.83E-03
PHF5A	PHD finger-like domain-containing protein 5A	12.690	2.22E-04	3.654	5.83E-03
CAPR1	Caprin-1	12.606	2.28E-04	3.642	5.88E-03
NOP16	Nucleolar protein 16	12.593	2.29E-04	3.640	5.88E-03
TBC15	TBC1 domain family member 15	12.388	2.44E-04	3.613	6.21E-03
PGTB2	Geranylgeranyl transferase type-2 subunit beta	12.319	2.49E-04	3.603	6.28E-03
PPT1	Palmitoyl-protein thioesterase 1	12.096	2.68E-04	3.572	6.53E-03
IF2B2	Insulin-like growth factor 2 mRNA-binding protein 2	12.091	2.68E-04	3.571	6.53E-03
GCP60	Golgi resident protein GCP60	12.051	2.72E-04	3.566	6.53E-03
SHSA4	Protein shisa-4	12.038	2.73E-04	3.564	6.53E-03
ARF6	ADP-ribosylation factor 6	12.037	2.73E-04	3.564	6.53E-03
TCTP	Translationally-controlled tumor protein	11.969	2.79E-04	3.554	6.59E-03
RFC2	Replication factor C subunit 2	11.934	2.82E-04	3.549	6.59E-03
SHC1; SHC2	SHC-transforming protein 1; SHC-transforming protein 2	11.898	2.86E-04	3.544	6.59E-03
CPSF1	Cleavage and polyadenylation specificity factor subunit 1	11.890	2.87E-04	3.543	6.59E-03
UBP2L	Ubiquitin-associated protein 2-like	11.724	3.03E-04	3.519	6.89E-03
PDLI1	PDZ and LIM domain protein 1	11.656	3.10E-04	3.509	6.98E-03
WDR11	WD repeat-containing protein 11	11.589	3.17E-04	3.499	7.07E-03
AP2A2	AP-2 complex subunit alpha-2	11.453	3.32E-04	3.479	7.30E-03
MARE1	Microtubule-associated protein RP/EB family member 1	11.443	3.33E-04	3.478	7.30E-03
SF3B2	Splicing factor 3B subunit 2	11.380	3.40E-04	3.469	7.39E-03
ARL3	ADP-ribosylation factor-like protein 3	11.355	3.43E-04	3.465	7.39E-03
CDC16	Cell division cycle protein 16 homolog	11.224	3.59E-04	3.445	7.66E-03
LARP1	La-related protein 1	11.179	3.65E-04	3.438	7.71E-03
B4GA1	Beta-1.4-glucuronyltransferase 1	11.009	3.87E-04	3.412	7.99E-03
PIP	Prolactin-inducible protein	11.006	3.87E-04	3.412	7.99E-03
S12A4	Solute carrier family 12 member 4	10.979	3.91E-04	3.408	7.99E-03
TBB2A	Tubulin beta-2A chain	10.933	3.98E-04	3.401	7.99E-03
KLC2	Kinesin light chain 2	10.929	3.98E-04	3.400	7.99E-03
ABC3C	DNA dC->dU-editing enzyme APOBEC-3C	10.926	3.98E-04	3.400	7.99E-03
SPY4	Protein sprouty homolog 4	10.907	4.01E-04	3.397	7.99E-03
SREK1	Splicing regulatory glutamine/lysine-rich protein 1	10.861	4.08E-04	3.389	7.99E-03

EMP3	Epithelial membrane protein 3	10.833	4.12E-04	3.385	7.99E-03
SYT1; SYT2	Extended synaptotagmin-1; Extended synaptotagmin-2	10.816	4.14E-04	3.383	7.99E-03
ALDOC	Fructose-bisphosphate aldolase C	10.816	4.15E-04	3.382	7.99E-03
CC124	Coiled-coil domain-containing protein 124	10.711	4.31E-04	3.366	8.23E-03
TF65	Transcription factor p65	10.670	4.37E-04	3.360	8.29E-03
EXOC1	Exocyst complex component 1	10.626	4.44E-04	3.353	8.36E-03
SAR1A	GTP-binding protein SAR1a	10.588	4.50E-04	3.347	8.41E-03
PSMD8	26S proteasome non-ATPase regulatory subunit 8	10.510	4.63E-04	3.334	8.59E-03
STAM1	Signal transducing adapter molecule 1	10.476	4.69E-04	3.329	8.63E-03
RS3	40S ribosomal protein S3	10.453	4.73E-04	3.325	8.64E-03
BABA2	BRISC and BRCA1-A complex member 2	10.410	4.81E-04	3.318	8.71E-03
SC16A	Protein transport protein Sec16A	10.377	4.87E-04	3.313	8.74E-03
LYSC	Lysozyme C	10.360	4.90E-04	3.310	8.74E-03
RUXE	Small nuclear ribonucleoprotein E	10.239	5.13E-04	3.290	9.08E-03
ARF4	ADP-ribosylation factor 4	10.203	5.20E-04	3.284	9.11E-03
CAZA2	F-actin-capping protein subunit alpha-2	10.192	5.22E-04	3.282	9.11E-03
SPY2	Protein sprouty homolog 2	10.154	5.30E-04	3.276	9.17E-03
PURB	Transcriptional activator protein Pur-beta	10.134	5.34E-04	3.273	9.18E-03
EIF1; EIF1B	Eukaryotic translation initiation factor 1; Eukaryotic translation initiation factor 1b	10.096	5.42E-04	3.266	9.20E-03
DEK	Protein DEK	10.090	5.43E-04	3.265	9.20E-03
ABCF2	ATP-binding cassette sub-family F member 2	10.011	5.60E-04	3.252	9.42E-03
GGH	Gamma-glutamyl hydrolase	9.956	5.72E-04	3.243	9.55E-03
DC1L2	Cytoplasmic dynein 1 light intermediate chain 2	9.930	5.78E-04	3.238	9.59E-03
UCK2	Uridine-cytidine kinase 2	9.912	5.82E-04	3.235	9.59E-03

* FDR: False discovery rate