

Supplementary 1. Lists of bovine proteins identified as BVDV CP targets over the course of infection. Table includes host protein information identified by MS to interact with NS3 at 12, 24, and 42-hour time points post CP-infection.

UniProt ID	Gene name	% Coverage	Protein e-value	# of peptides	# unique peptides
Interacting host proteins at 12 hours post-infection					
Q1LZF9	MYL9	12.2	1.35E-23	2	2
Q3SYU2	EEF2	1.5	3.51E-06	1	1
Q08DT1	BRD3	2.1	0.02284797	1	1
Q76LV1	HSP90AB1	2.1	0.001402426	1	1
A1L5B6	ANXA5	7.2	1.15E-24	2	2
Q3MHY1	CSRP1	7.8	0.003293475	1	1
F1MND4	TRPC6	1	0.036099294	1	1
P12763	AHSG	4.2	0.001355463	1	1
O97680	TXN	26.7	1.62E-21	2	2
P21752	TMSB10	33.3	5.25E-45	1	1
P00829	ATP5B	4.9	6.01E-19	2	2
E1BJI4	BTBD11	1.1	0.004860993	1	1
A6QNL5	PDIA6	3.2	1.05E-13	1	1
G3MZ70	LOC100851031	2	0.007491848	1	1
A4FV29	BRMS1L	3.8	0.016813548	1	1
Q95140	RPLP0	3.5	0.001785236	1	1
Q5E956	TPI1	15.7	1.26E-16	3	3
Q5KR49	TPM1	3.5	0.008020217	1	1
P13696	PEBP1	7	0.003226501	1	1
Q3SZ62	PGAM1	5.5	0.015640908	1	1
Q3ZBA4	RBM3	21.1	0.006099417	1	1
P10462	S100A2	17.5	0.00320809	1	1
Q3ZCH0	HSPA9	2.1	0.009132722	1	1
Q3ZCL8	SH3BGRL3	10.8	4.65E-17	1	1
Q3T056	LDHAL6B	4.5	2.43E-05	1	1
Q2TBQ5	RPL7A	5.3	0.003236408	1	1
Interacting host proteins at 24 hours post-infection					
Q1RMX7	NANS	4.2	0.000438627	1	1
Q2KJ25	PSMD12	2.9	0.005593307	1	1
Q2HJ89	FKBP10	2.6	0.00201178	1	1
Q29RV1	PDIA4	1.6	5.15E-10	1	1
Q148H5	KRT71	2.3	0.000958736	1	1
Q32LP2	RDX	2.6	0.001722883	1	1
Q148H7	KRT79	4.1	0.001773764	1	1
Q3SZ90	RPL13A	5.4	0.006902475	1	1
A0JND0	HIF1A	1.2	0.030539249	1	1
A6QQP4	SCARB2	4	9.14E-06	1	1
A4IF88	RCN1	3.6	0.017785156	1	1
A7Z057	YWHAG	4	0.001293109	1	1
A5D7F4	PCDHGC3	1.3	0.018552016	1	1
Q27971	CAPN2	1.4	0.001358836	1	1
F1MWD3	CCT5	5	2.14E-17	2	2
P06394	KRT10	3.4	3.04E-19	2	2
Q862I1	RPL24	8.3	7.34E-12	1	1
P52193	CALR	2.9	5.58E-05	1	1
P80457	XDH	0.9	3.68E-09	1	1
P00442	SOD1	13.8	0.001807067	1	1
P39872	RPL3	2.2	0.040597136	1	1
P79136	CAPZB	2.7	0.015248218	1	1
P53619	ARCN1	2.2	0.014711348	1	1
F1ML06	SREBF2	1.2	0.006780999	1	1
F1MKS3	TXNDC5	3.2	0.000832969	1	1
Q3T169	RPS3	3.4	0.016038283	1	1
A6QNQ4	ZNF774	0.6	0.008650204	1	1
L8INJ9	ANK3	0.4	0.00647602	1	1
F1MCK2	AHNAK	0.7	0.000702023	1	1
Q5XQN5	KRT5	1.3	0.011802006	1	1
Q56K14	RPLP1	14	3.37E-13	1	1

Q3ZBH0	CCT2	2.8	0.002470204	1	1
Q5E9X4	LRRC59	8.8	8.89E-10	2	2
Q3MHJ8	STMN2	5.6	0.013159596	1	1
Q3SZR8	SRSF3	7.9	0.008066495	1	1
Q3SZR9	RNH1	3.3	1.08E-11	1	1
Q3SZR10	UCLH3	7	0.002178099	1	1
Interacting host proteins at 42 hours post-infection					
Q7YRW9	RTN4	4	0.016767987	1	1
Q08D91	KRT75	2.4	0.002157125	1	1
Q9MYP6	HSD17B14	4.8	0.013039065	1	1
E1BE32	NUBPL	4.8	0.0110147	1	1
E1BK28	C20orf194	1.5	0.00292813	1	1
F1N5V1	USP37	3.2	0.013547556	1	1
Q5XQN5	KRT5	4.8	0.000944135	1	1
Q5EAE3	UBTD2	6	0.011307486	1	1
Q3ZC07	ACTC1	7.4	0.004257757	1	1