

Table S6. Transcription of *Cardinium hertigii* cEper1 genes encoding proteins possibly involved in host cell interactions.

Locus tags from Penz et al., 2012 ¹	Current GenBank locus tag ²	Best blast hit (GenBank accession no.)	Amino acid identities to best blast hit in %	Mean normalized counts of cEper1 expression					
				1 st male replicate	2 nd male replicate	3 rd male replicate	1 st female replicate	2 nd female replicate	3 rd female replicate
Ankyrin repeat proteins									
CAHE_0040	AL022_RS00190	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034576299.1)	30	229.49	164.94	175.68	236.25	201.51	123.51
CAHE_0396	AL022_RS01830	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_051602196.1)	41	301.20	284.65	293.12	229.47	193.30	221.24
CAHE_0435	AL022_RS02005	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034576647.1)	66	2071.11	1808.10	1813.06	1550.14	1569.50	1053.55
CAHE_0397	AL022_RS01835	Hypothetical protein [<i>Oidiodendron maius</i> Zn] (KIM99444.1)	58	163.51	167.60	187.32	143.30	110.45	115.99
CAHE_0491	AL022_RS02295	Ankyrin repeats-containing protein [<i>Cardinium</i> endosymbiont cBtQ1 of <i>Bemisia tabaci</i>] (CDG49464.1)	73	361.44	393.72	394.06	303.06	261.96	370.52
CAHE_0588	AL022_RS02685	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034576449.1)	86	153.47	172.03	158.21	169.44	234.34	219.09
CAHE_0670	AL022_RS03065	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034576875.1)	63	167.81	184.45	167.91	213.01	238.07	328.63
CAHE_0834	AL022_RS03870	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034576747.1)	80	1055.64	1011.79	992.91	823.96	778.41	962.27
CAHE_p0007	AL022_RS03945	Hypothetical protein [<i>Rickettsia bellii</i>] (WP_011477011.1)	46	1808.64	1882.59	2135.29	1338.09	1359.04	1222.16
CAHE_p0014	AL022_RS03970	Ankyrin repeat protein [<i>Trichomonas vaginalis</i> G3] (XP_001316939.1)	41	1691.03	1806.33	1835.38	1116.37	1305.31	982.67
CAHE_p0019	AL022_RS03995	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_051602196.1)	43	130.52	161.39	163.06	112.31	141.80	75.18
CAHE_0680	AL022_RS03115	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034576855.1)	88	948.07	828.23	677.47	1098.94	1407.55	2505.54
CAHE_p0026	AL022_RS04030	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034577639.1)	48	1257.87	1475.57	1740.26	1005.02	920.95	523.02
CAHE_0095	AL022_RS00440	Ankyrin repeats-containing protein [<i>Cardinium</i> endosymbiont cBtQ1 of <i>Bemisia tabaci</i>] (CDG49910.1)	93	1041.29	819.36	969.62	767.81	714.22	855.94

TPR repeat proteins

CAHE_0312	AL022_RS01410	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034577424.1)	88	566.54	462.00	515.38	454.10	421.67	465.02
CAHE_0450	AL022_RS02095	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034577415.1)	80	302.63	298.84	351.35	285.63	238.07	224.46
CAHE_0452	AL022_RS02105	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_051602092.1)	83	226.62	219.92	201.88	188.80	231.36	158.95

Ubiquitin protease

CAHE_0028	AL022_RS00135	Ubiquitin specific protease [<i>Cardinium</i> endosymbiont cBtQ1 of <i>Bemisia tabaci</i>] (CDG50083.1)	46	621.05	654.43	636.71	756.19	792.59	895.68
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General host cell interaction genes

CAHE_0010	AL022_RS00050	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034576461.1)	46	275.38	219.03	231.00	258.52	303.75	287.82
CAHE_0286	AL022_RS01300	Patatin [<i>Wolbachia</i> endosymbiont of <i>Culex quinquefasciatus</i>] (WP_007302998.1)	64	460.41	498.36	508.59	481.21	535.11	234.12
CAHE_0706	AL022_RS03235	Hypothetical protein [<i>Bacillus cereus</i> VD136] (EOP51398.1)	87	711.41	714.73	539.65	2247.26	435.10	970.86
CAHE_0677	AL022_RS03100	DEAD/DEAH box helicase [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034576864.1)	97	3985.89	4329.15	3868.76	4571.98	5379.44	7352.31
CAHE_0017	AL022_RS00085	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034576476.1)	88	760.17	790.99	719.21	872.38	971.70	1141.62
CAHE_0267	AL022_RS01210	DNA mismatch repair protein mutS [<i>Cardinium</i> endosymbiont cBtQ1 of <i>Bemisia tabaci</i>] (CDG49367.1)	92	1147.43	1004.70	1088.03	963.39	1079.17	961.19
CAHE_0050	AL022_RS00235	Hypothetical protein [<i>Cardinium</i> endosymbiont of <i>Bemisia tabaci</i>] (WP_034577189.1)	68	5738.59	6495.50	6406.85	6171.50	7742.27	6147.33

¹ Penz T, Schmitz-Esser S, Kelly SE, Cass BN, Muller A, Woyke T, Malfatti SA, Hunter MS, Horn M. 2012. Comparative genomics suggests an independent origin of cytoplasmic incompatibility in *Cardinium hertigii*. PLoS Genet 8(10): e1003012. Genbank accession numbers: HE983995 and HE983996

² Genbank accession numbers: NC_018605.1 and NC_018606.1