

Table 3.3: Partial Correlation Value w_{ij} of VSP-1 Genes i to j (Supplemental File 3)

	VC0175	VC0176	VC0177	VC0178	VC0179	VC0180	VC0181	VC0182	VC0183	VC0184	VC0185
VC0175	1	-0.301	-0.034	-0.459	0.147	-0.085	-0.072	0.089	-0.068	0.02	-0.099
VC0176	-0.301	1	0.145	-0.394	0.116	-0.048	-0.036	0.077	-0.055	0.028	-0.031
VC0177	-0.034	0.145	1	-0.043	0.026	-0.038	0.03	0.095	0.069	0.151	0.021
VC0178	-0.459	-0.394	-0.043	1	0.225	-0.098	-0.057	0.086	-0.11	0.027	-0.146
VC0179	0.147	0.116	0.026	0.225	1	0.501	0.303	-0.035	0.059	-0.002	0.062
VC0180	-0.085	-0.048	-0.038	-0.098	0.501	1	0.293	0.025	-0.024	0.001	-0.008
VC0181	-0.072	-0.036	0.03	-0.057	0.303	0.293	1	0.042	-0.005	0.007	-0.035
VC0182	0.089	0.077	0.095	0.086	-0.035	0.025	0.042	1	0.088	0.568	0.088
VC0183	-0.068	-0.055	0.069	-0.11	0.059	-0.024	-0.005	0.088	1	0.166	0.459
VC0184	0.02	0.028	0.151	0.027	-0.002	0.001	0.007	0.568	0.166	1	0.141
VC0185	-0.099	-0.031	0.021	-0.146	0.062	-0.008	-0.035	0.088	0.459	0.141	1

$w_{ij} = -1$ genes i and j never occur in the same species

$w_{ij} = 0$ expected co-occurrence between unrelated genes i and j drawn from a normal distribution

$w_{ij} > 0.045$ suggests shared biological function (Kim and Peterson 2011)

$w_{ij} = 1$ genes i and j always occur in the same species