

Table 1: Expression values of elements and interaction factors of miRNA:target interactions

Competing	miRNA	Competing Expression	miRNA Expression	Seed Type	Region	Energy
Gene1	Mir1	10000.00	1000.00	0.43	0.30	-20.00
Gene2	Mir1	10000.00	1000.00	0.43	0.01	-15.00
Gene3	Mir1	5000.00	1000.00	0.32	0.40	-14.00
Gene4	Mir1	10000.00	1000.00	0.23	0.50	-10.00
Gene4	Mir2	10000.00	2000.00	0.35	0.90	-12.00
Gene5	Mir2	5000.00	2000.00	0.05	0.40	-11.00
Gene6	Mir2	10000.00	2000.00	0.01	0.80	-25.00