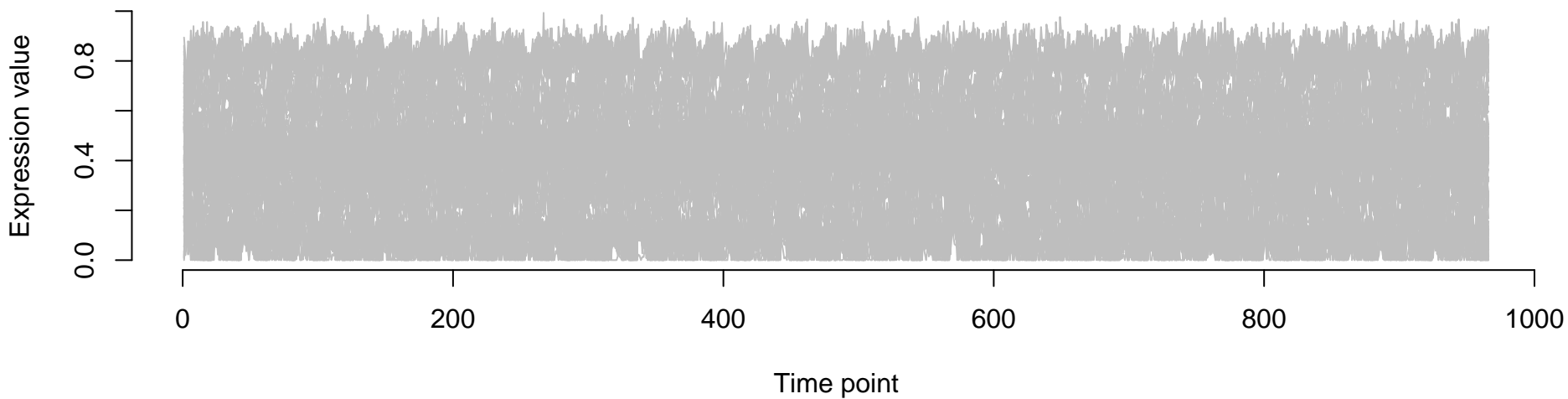
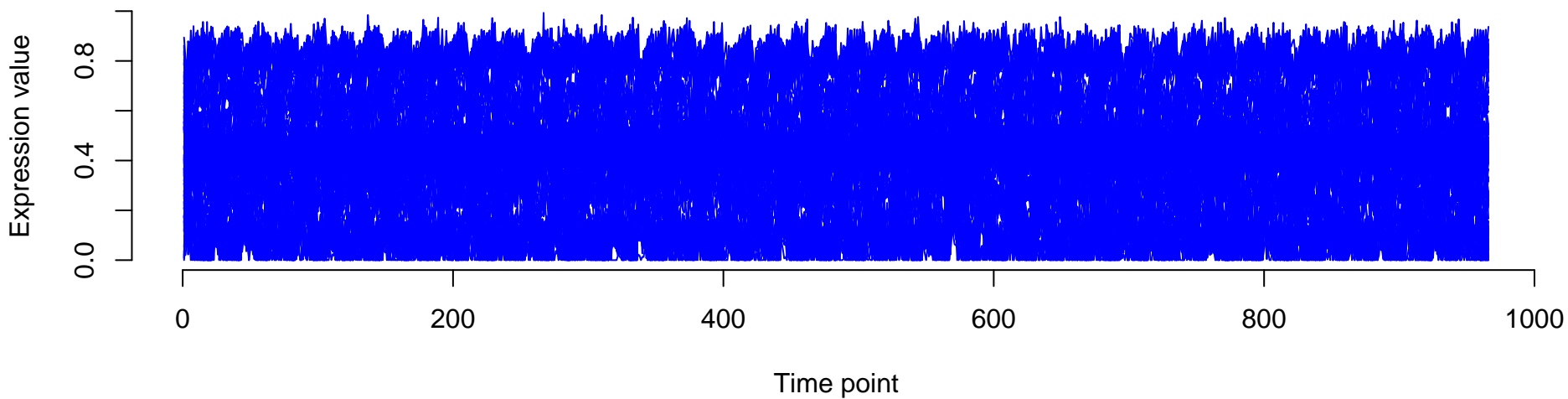


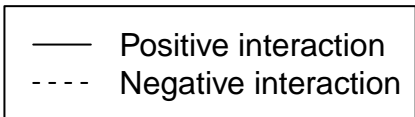
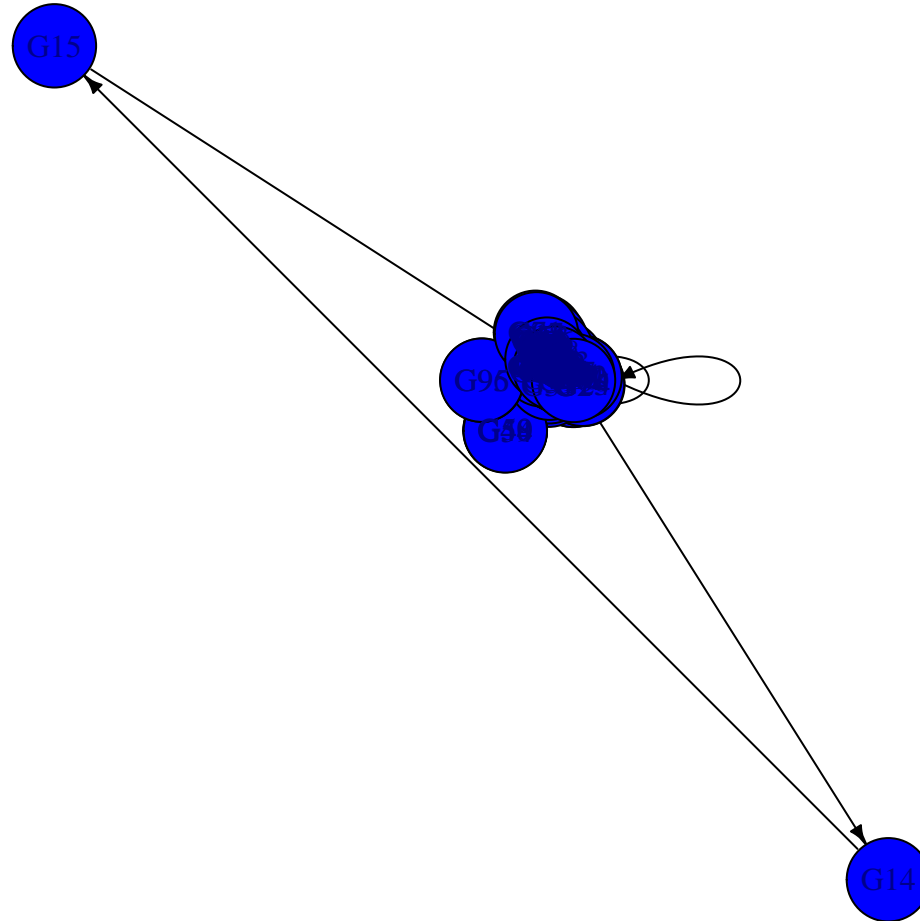
Target gene expression profiles



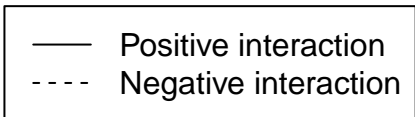
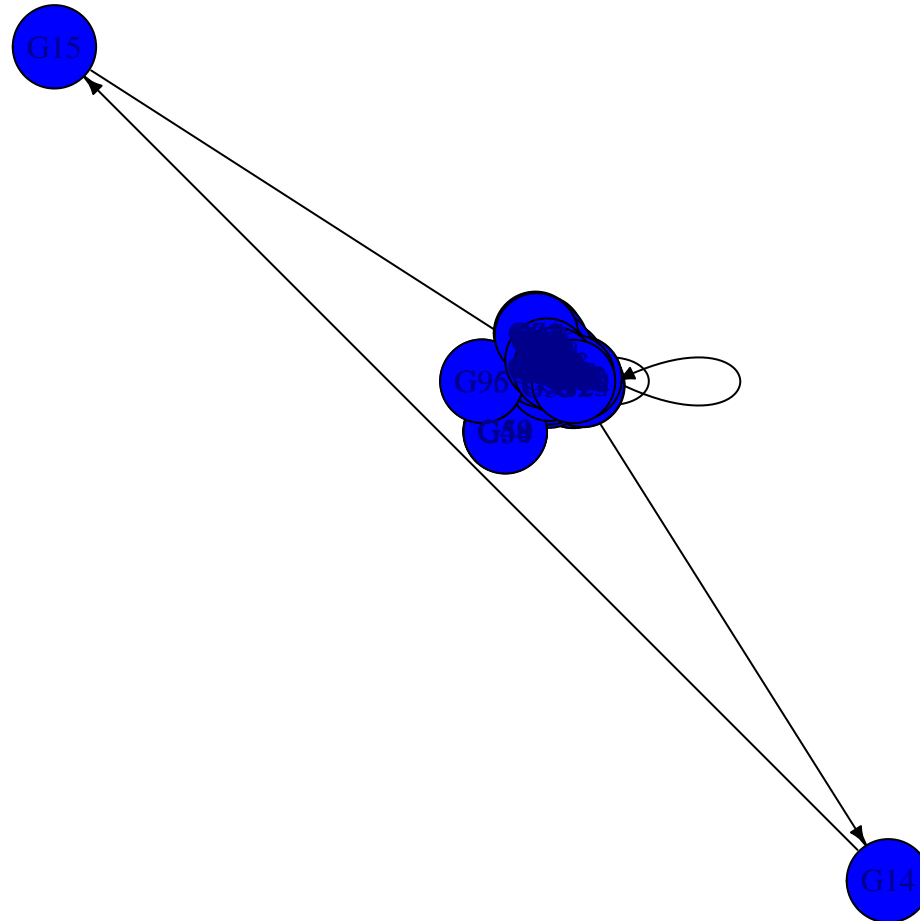
Parent gene expression profiles



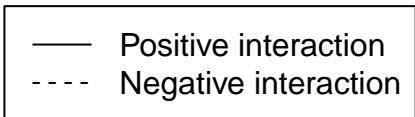
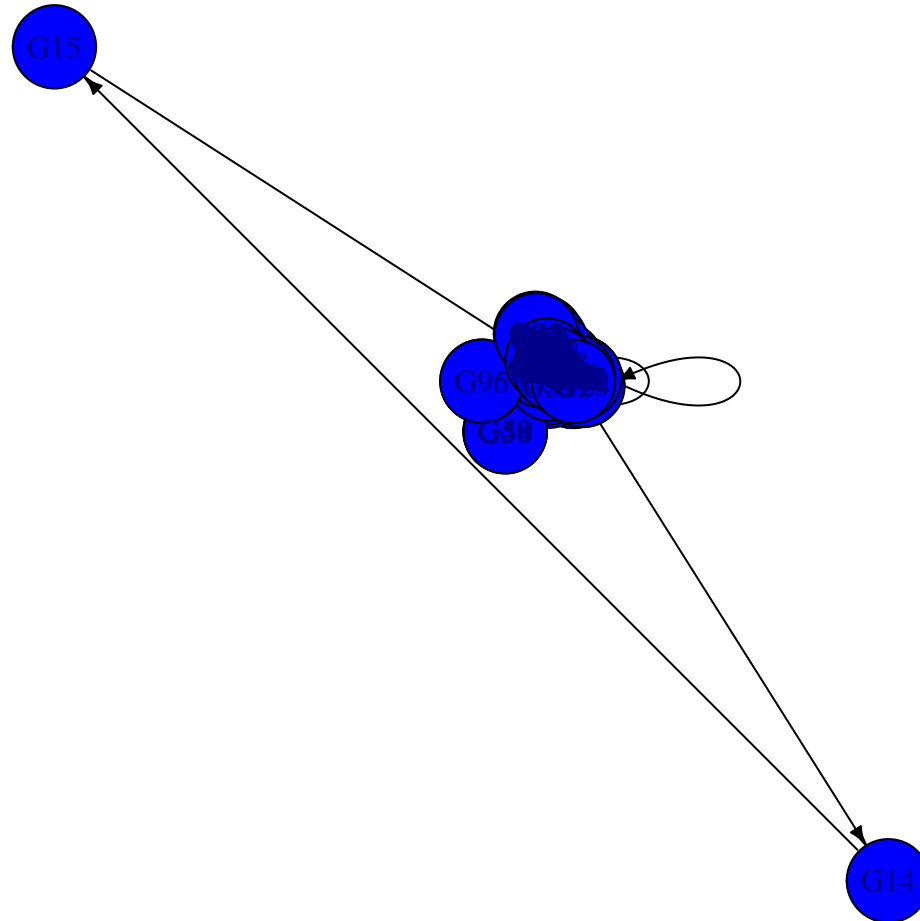
Sub-network # 1
(time point 2 to 3)



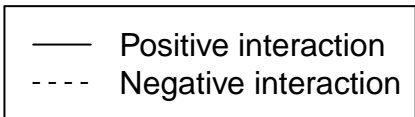
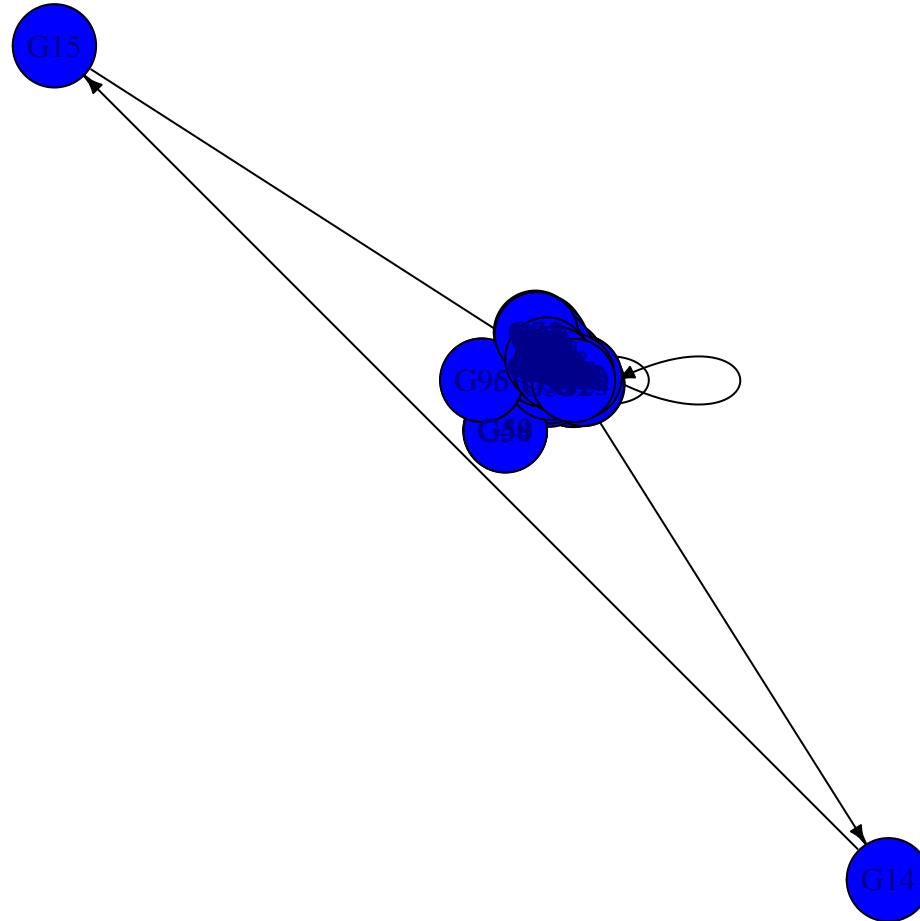
Sub-network # 2
(time point 4 to 4)



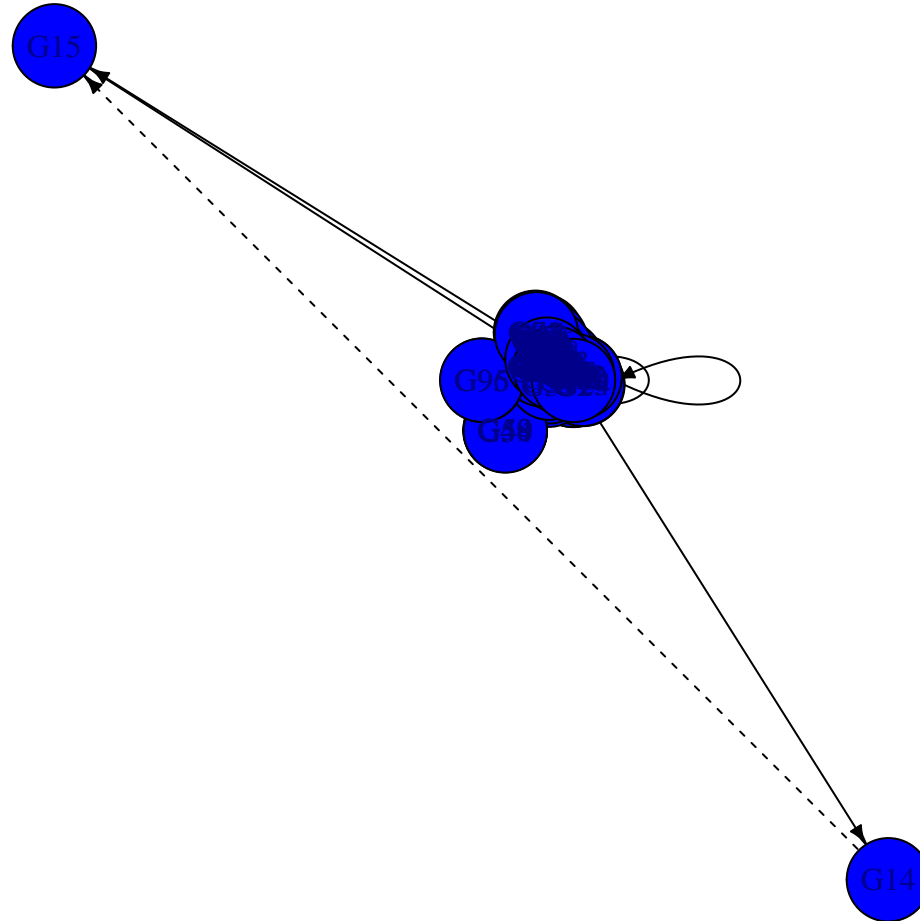
Sub-network # 3
(time point 5 to 5)



Sub-network # 4
(time point 6 to 6)

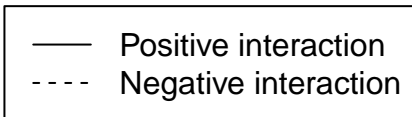
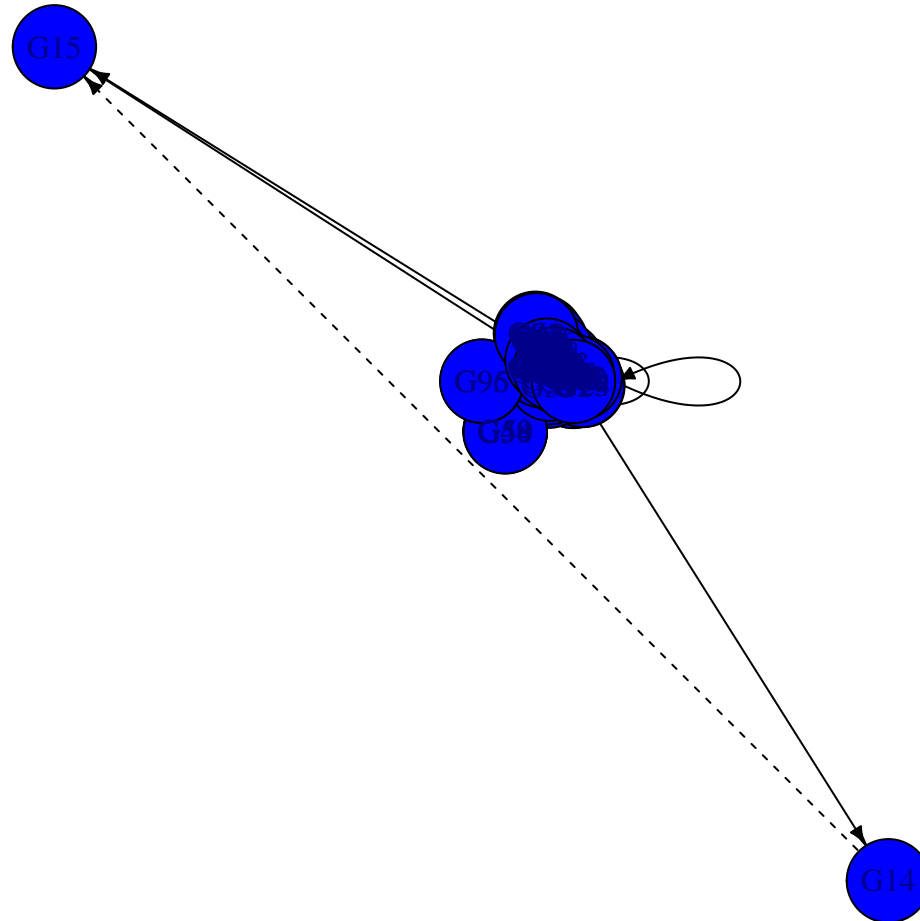


Sub-network # 5
(time point 7 to 7)

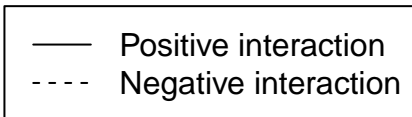
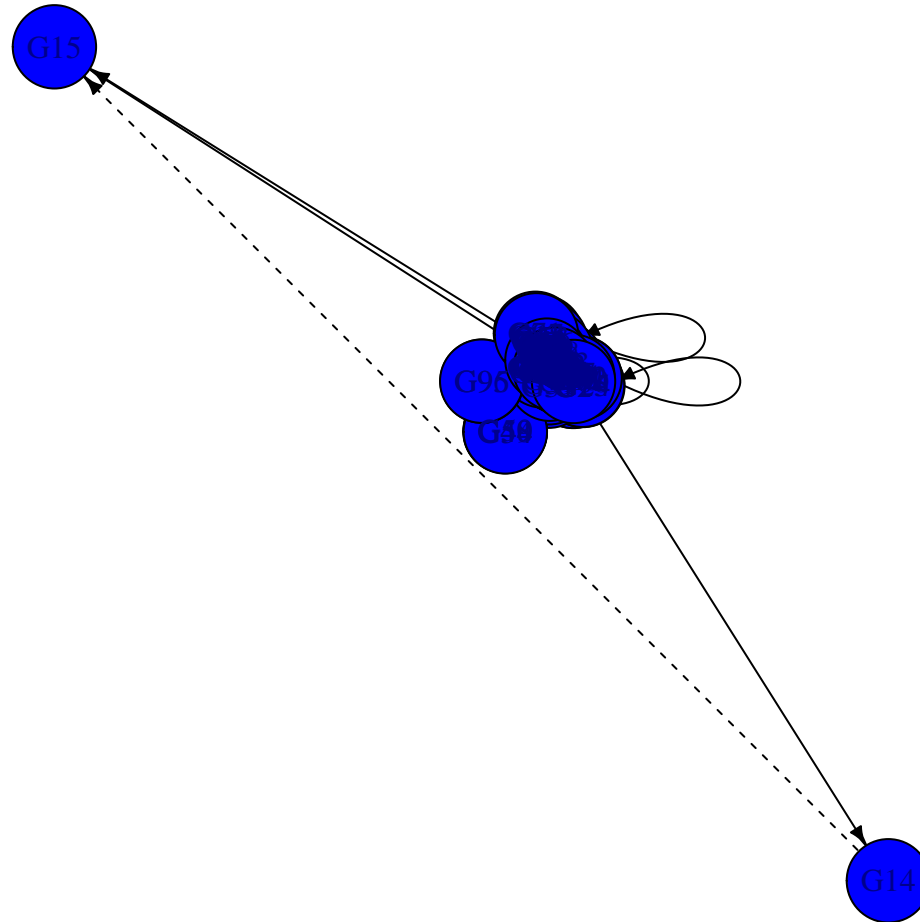


— Positive interaction
- - - Negative interaction

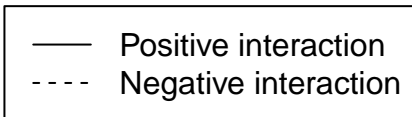
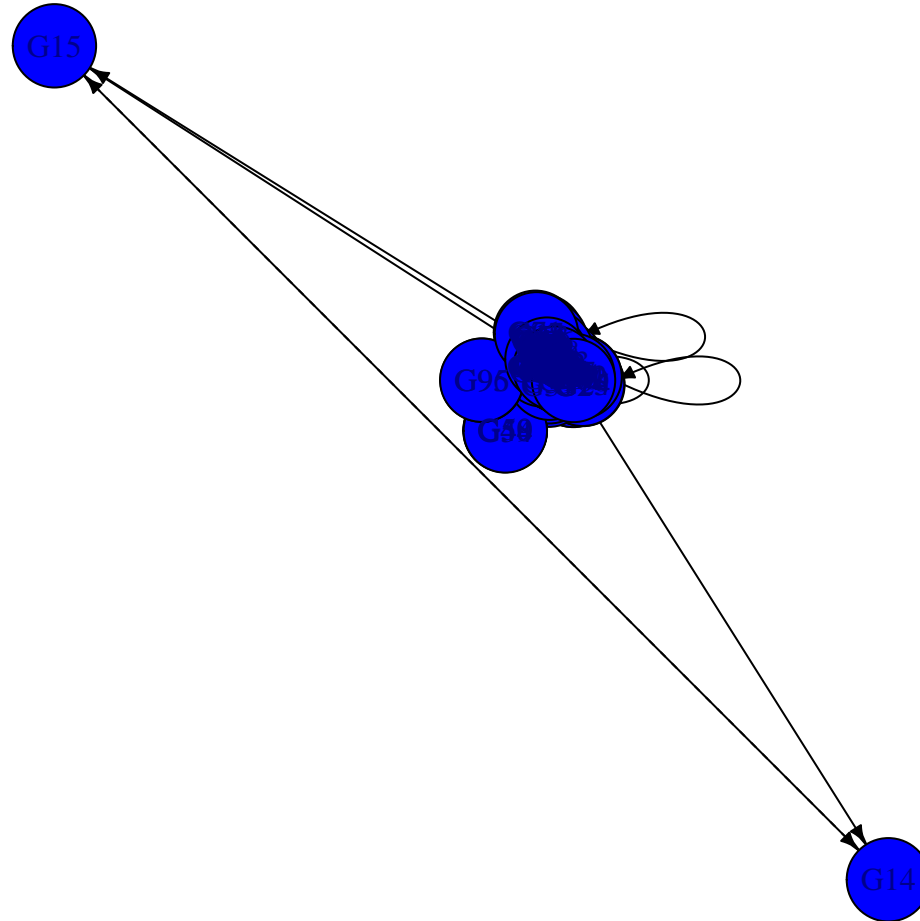
Sub-network # 6
(time point 8 to 8)



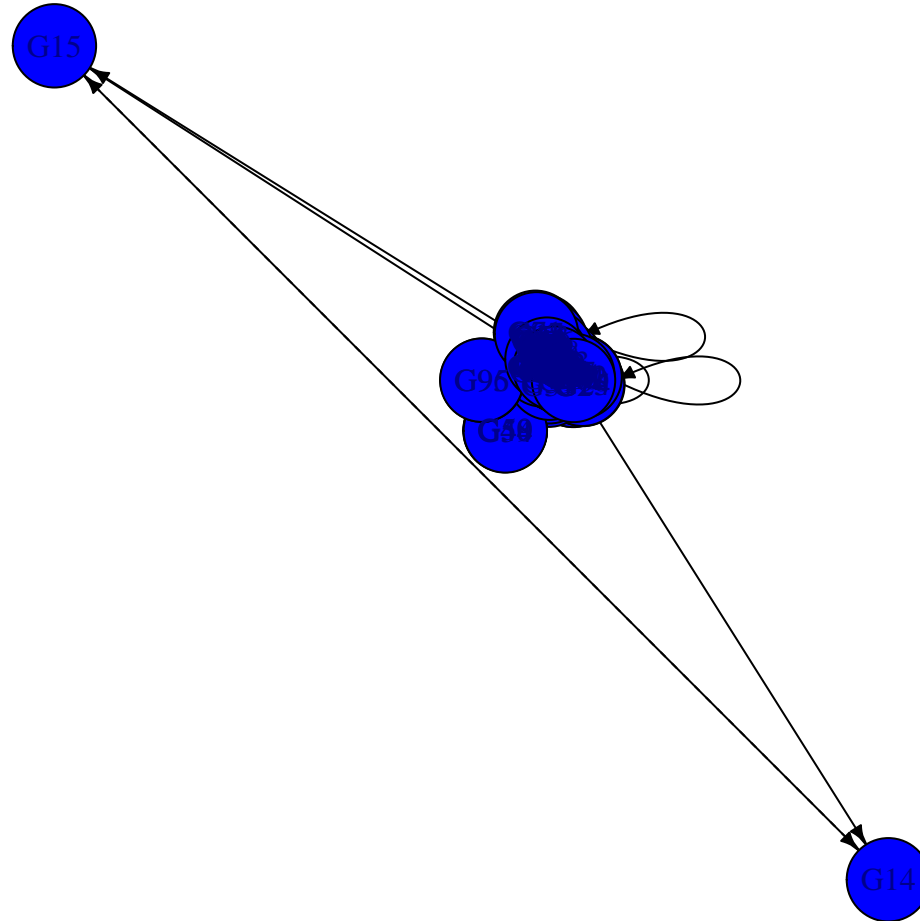
Sub-network # 7
(time point 9 to 9)



Sub-network # 8
(time point 10 to 10)

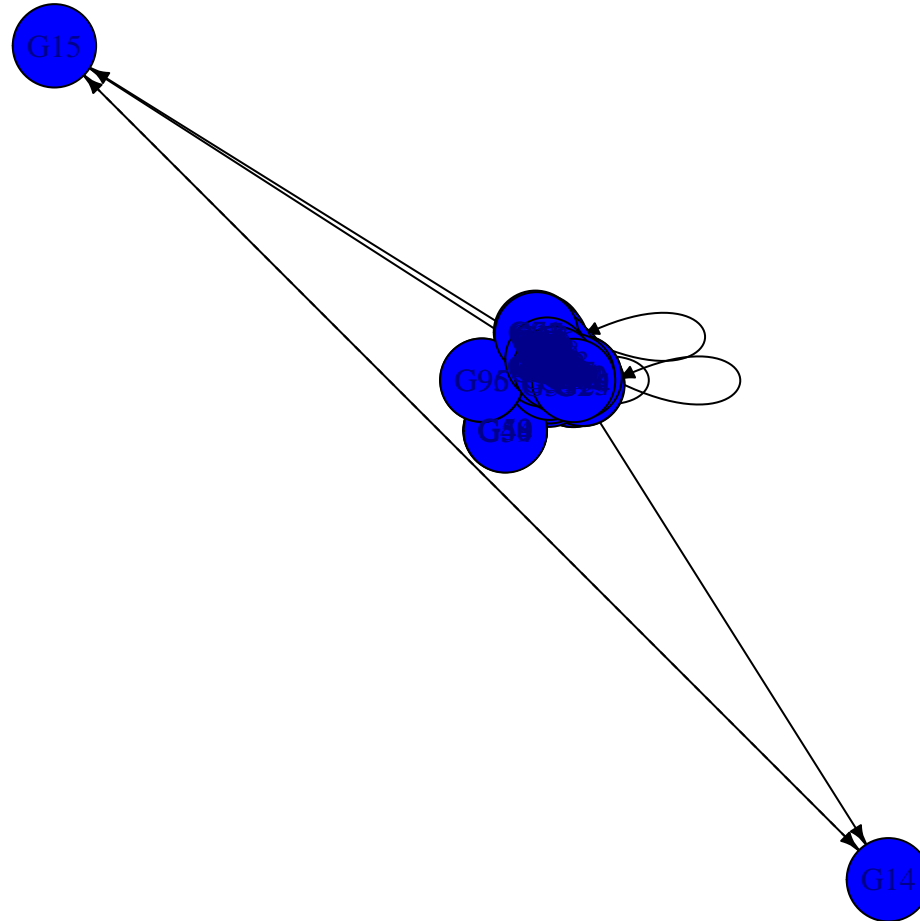


Sub-network # 9
(time point 11 to 11)



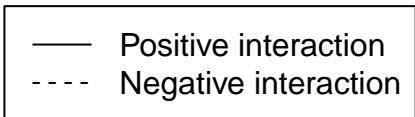
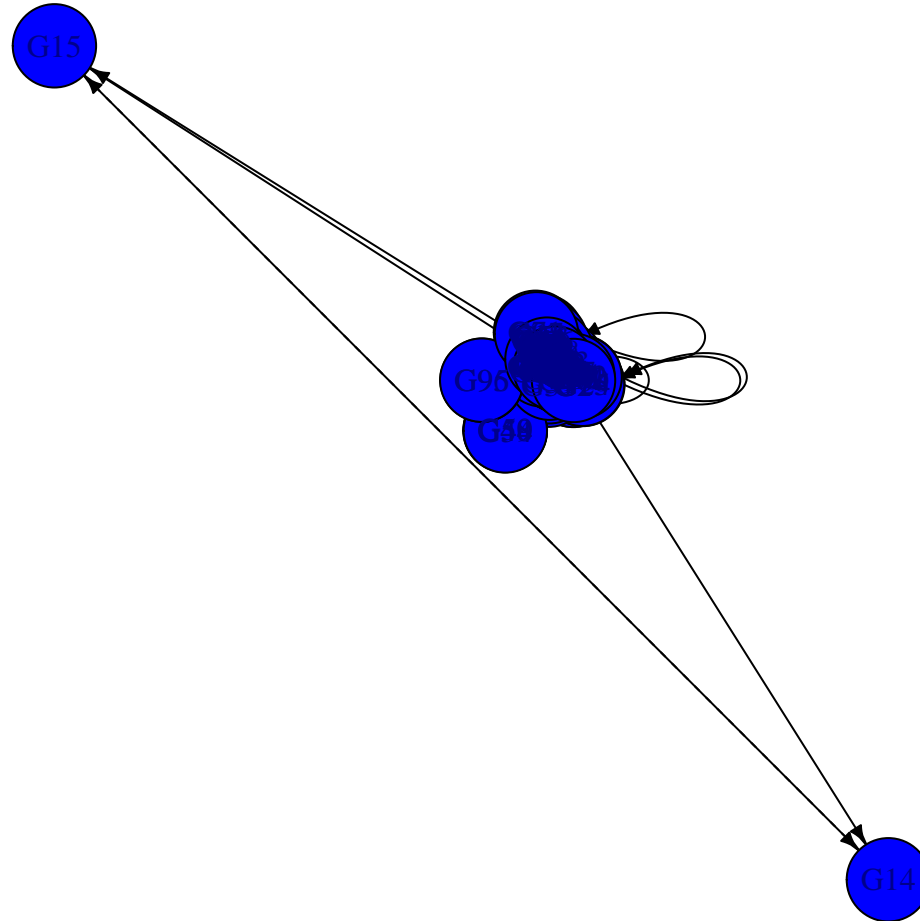
— Positive interaction
- - - Negative interaction

Sub-network # 10
(time point 12 to 12)

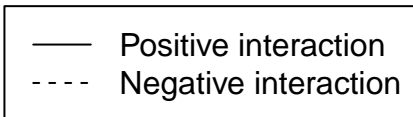
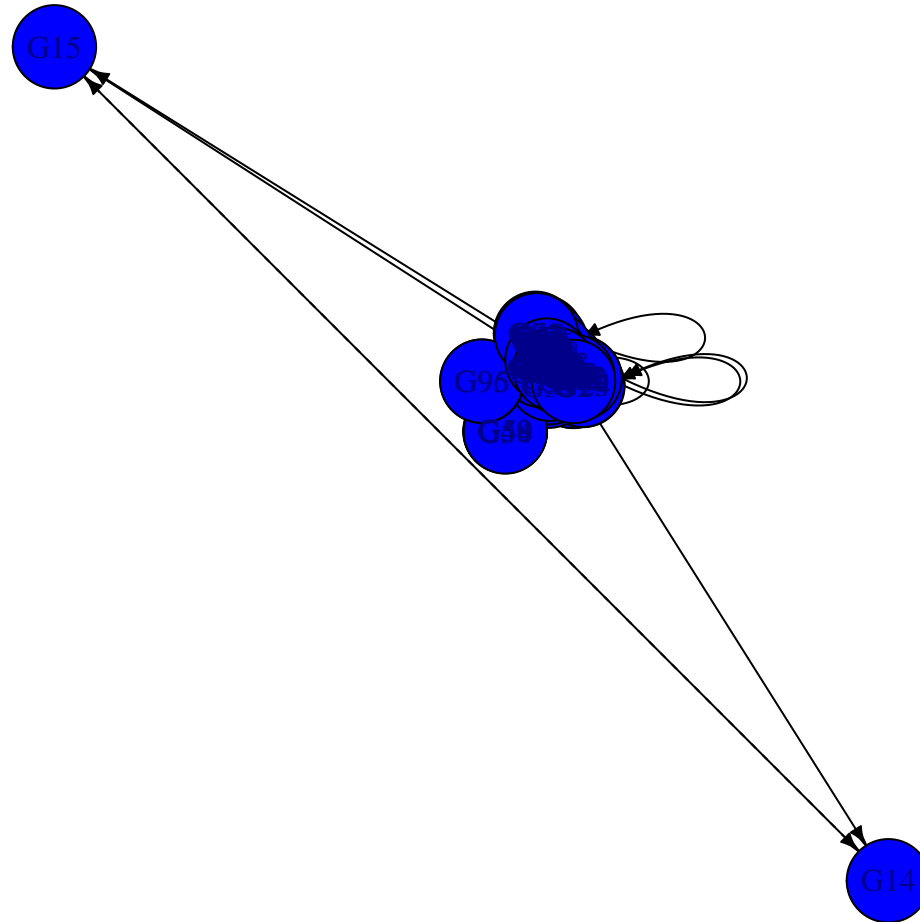


— Positive interaction
- - - Negative interaction

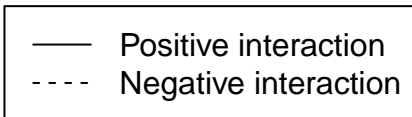
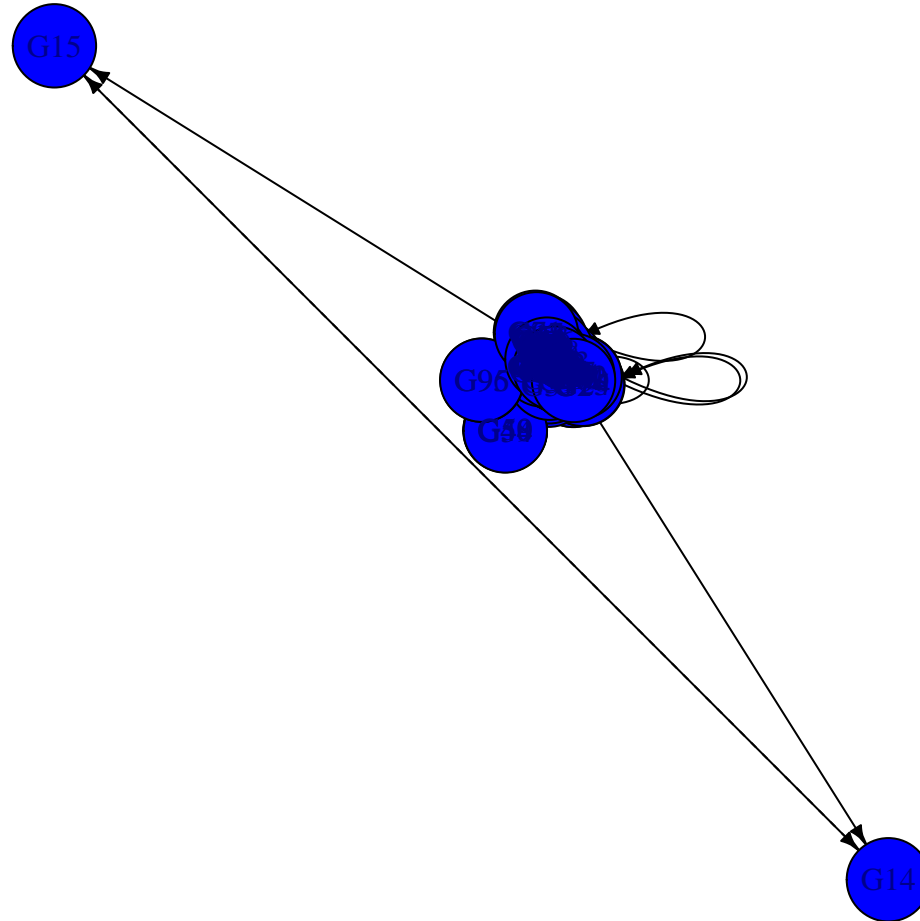
Sub-network # 11
(time point 13 to 13)



Sub-network # 12
(time point 14 to 14)



Sub-network # 13
(time point 15 to 21)



ARTIVA summary page
(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
1	1	1	2	13	+
1	2	1	2	12	+
13	2	1	2	12	+
24	3	1	2	6	+
35	4	1	2	12	+
46	5	1	2	8	+
46	6	1	2	10	+
57	6	1	2	10	+
68	7	1	2	9	+
79	8	1	2	12	+
90	9	1	2	8	+
2	10	1	2	7	+
4	11	1	2	12	+
5	12	1	2	9	+
6	13	1	2	12	+
7	14	1	2	9	+
7	14	1	10	21	+
9	14	1	10	21	-
8	15	1	2	6	+
7	15	1	7	21	-

ARTIVA summary page

(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
8	15	1	7	21	+
7	16	1	2	14	-
9	16	1	2	14	+
28	16	1	2	14	-
10	17	1	2	9	+
11	18	1	2	9	+
12	19	1	2	12	+
14	20	1	2	10	+
15	21	1	2	9	+
16	22	1	2	6	+
17	23	1	2	5	+
18	24	1	2	8	+
14	25	1	2	21	+
18	25	1	2	21	+
19	25	1	2	21	+
20	26	1	2	8	+
21	27	1	2	9	+
22	28	1	2	7	+
22	28	1	8	21	+
23	29	1	2	10	+

ARTIVA summary page
(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
25	30	1	2	8	+
19	31	1	2	11	+
26	31	1	2	11	+
27	32	1	2	9	+
28	33	1	2	10	+
29	34	1	2	10	+
30	35	1	2	10	+
31	36	1	2	21	+
32	37	1	2	8	+
33	38	1	2	9	+
34	39	1	2	10	+
36	40	1	2	11	+
37	41	1	2	11	+
38	42	1	2	7	+
39	43	1	2	9	+
40	44	1	2	3	+
41	45	1	2	7	+
42	46	1	2	8	+
43	47	1	2	10	+
44	48	1	2	9	+

ARTIVA summary page
(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
91	48	1	2	9	+
51	48	1	10	21	+
44	49	1	2	9	+
45	49	1	2	9	+
45	49	1	10	21	+
45	50	1	2	12	+
47	50	1	2	12	+
51	50	1	13	21	+
48	51	1	2	21	+
49	52	1	2	11	+
50	53	1	2	4	+
45	54	1	2	21	+
47	54	1	2	21	+
51	54	1	2	21	+
52	55	1	2	6	+
53	56	1	2	9	+
54	57	1	2	8	+
55	58	1	2	21	+
73	58	1	2	21	-
51	59	1	2	21	-

ARTIVA summary page
(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
56	59	1	2	21	+
62	59	1	2	21	-
93	59	1	2	21	-
58	60	1	2	12	+
59	61	1	2	11	+
67	61	1	2	11	-
48	61	1	12	21	+
60	62	1	2	9	+
61	63	1	2	8	+
62	64	1	2	8	+
62	64	1	9	21	+
63	64	1	9	21	+
63	65	1	2	21	+
69	65	1	2	21	+
91	65	1	2	21	-
64	66	1	2	10	+
65	67	1	2	9	+
66	68	1	2	11	+
67	69	1	2	11	+
63	70	1	2	21	+

ARTIVA summary page

(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
69	70	1	2	21	+
70	71	1	2	9	+
71	72	1	2	8	+
72	73	1	2	13	+
73	74	1	2	11	+
55	74	1	12	21	-
73	74	1	12	21	+
74	75	1	2	12	+
75	76	1	2	8	+
76	77	1	2	8	+
77	78	1	2	9	+
78	79	1	2	12	+
3	79	1	2	12	-
80	80	1	2	7	+
81	81	1	2	12	+
82	82	1	2	21	+
83	83	1	2	9	+
84	84	1	2	9	+
96	84	1	10	21	-
85	85	1	2	11	+

ARTIVA summary page

(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
86	86	1	2	8	+
86	86	1	9	21	+
96	86	1	9	21	-
87	87	1	2	10	+
88	88	1	2	8	+
89	89	1	2	8	+
91	90	1	2	11	+
63	90	1	12	21	-
92	91	1	2	12	+
93	92	1	2	9	+
93	92	1	10	21	+
94	93	1	2	7	+
95	94	1	2	8	+
84	95	1	2	21	-
96	95	1	2	21	+
97	95	1	2	21	+
84	96	1	2	8	-
97	96	1	2	8	+
96	96	1	9	21	+
97	96	1	9	21	+

ARTIVA summary page
(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
98	97	1	2	7	+
76	98	1	2	8	+
99	98	1	2	8	+
82	98	1	9	21	+
100	99	1	2	12	+
3	100	1	2	8	+
78	100	1	9	21	-
20	26	0.9996	9	21	+
95	94	0.9989	9	21	+
10	17	0.9981	10	21	+
84	99	0.995	2	12	+
29	36	0.9918	2	21	+
82	81	0.9801	13	21	+
82	45	0.9738	8	21	-
32	37	0.9714	9	21	+
99	82	0.9703	2	21	+
82	17	0.9455	10	21	+
89	94	0.9337	2	8	-
78	30	0.9157	9	21	-
41	41	0.9121	2	11	+

ARTIVA summary page
(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
96	78	0.9087	10	21	-
74	65	0.8985	2	21	-
71	81	0.8957	2	12	+
80	48	0.8772	2	9	-
50	72	0.8744	2	8	-
94	93	0.8542	8	21	+
64	59	0.8508	2	21	+
56	54	0.8455	2	21	-
45	80	0.785	8	21	-
88	58	0.7775	2	21	-
35	65	0.7719	2	21	+
26	28	0.7658	8	21	-
93	64	0.7596	9	21	+
81	72	0.7436	9	21	+
82	72	0.7267	9	21	+
44	54	0.7089	2	21	+
76	82	0.707	2	21	+
45	59	0.6969	2	21	-
13	4	0.6956	2	12	+
56	92	0.6819	10	21	-

ARTIVA summary page
(interactions are arranged in order of decreasing confidence level)

parentGene	targetGene	postProb	CPstart	CPend	interactionSign
51	49	0.6166	10	21	+
51	90	0.6124	12	21	+
22	23	0.6108	6	21	+
35	48	0.5949	10	21	-
6	95	0.5511	2	21	+
59	51	0.5469	2	21	+