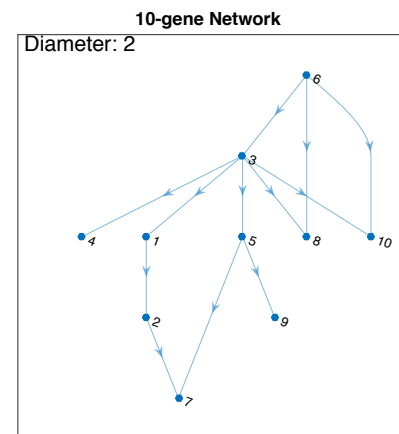
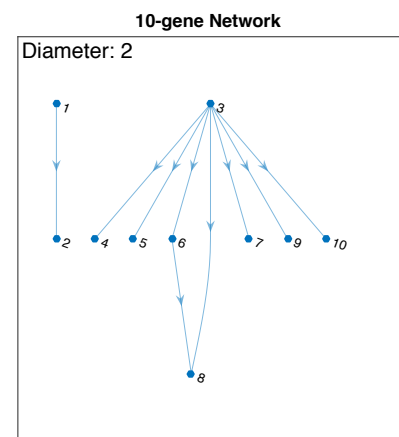


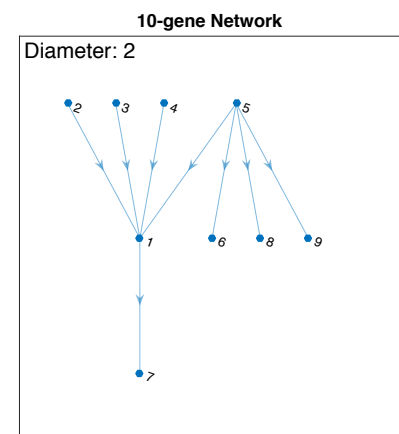
Network E. coli 1	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	-1	0	0	0	0	0	0	0	0
G2 →	0	0	0	0	0	0	1	0	0	0
G3 →	-1	0	0	1	-1	0	0	-1	0	-1
G4 →	0	0	0	0	0	0	0	0	0	0
G5 →	0	0	0	0	0	0	-1	0	-1	0
G6 →	0	0	1	0	0	0	0	1	0	1
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



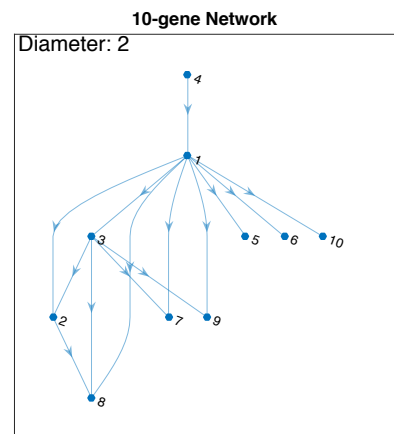
Network E. coli 2	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	-1	0	0	0	0	0	0	0	0
G2 →	0	0	0	0	0	0	0	0	0	0
G3 →	0	0	0	1	1	1	1	1	1	-1
G4 →	0	0	0	0	0	0	0	0	0	0
G5 →	0	0	0	0	0	0	0	0	0	0
G6 →	0	0	0	0	0	0	0	-1	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



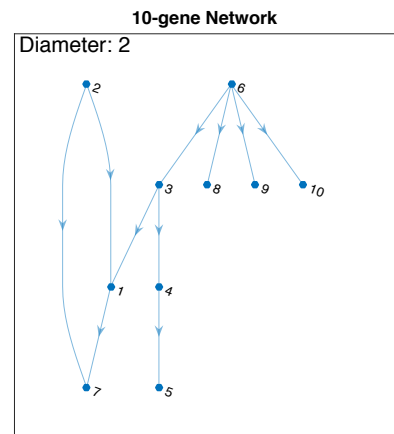
Network E. coli 3	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	0	0	0	0	0	1	0	0	0
G2 →	-1	0	0	0	0	0	0	0	0	0
G3 →	-1	0	0	0	0	0	0	0	0	0
G4 →	1	0	0	0	0	0	0	0	0	0
G5 →	-1	0	0	0	0	-1	0	1	1	0
G6 →	0	0	0	0	0	0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



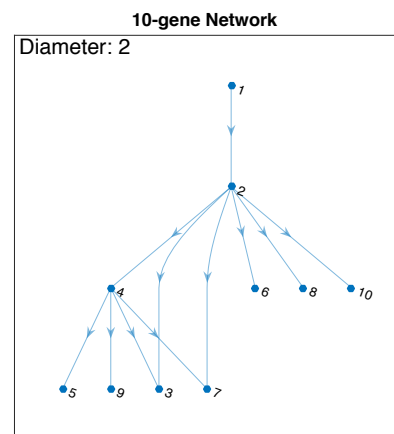
Network E. coli 4	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	-1	-1	0	-1	-1	-1	-1	-1	-1
G2 →	0	0	0	0	0	0	0	1	0	0
G3 →	0	1	0	0	0	0	1	1	1	0
G4 →	1	0	0	0	0	0	0	0	0	0
G5 →	0	0	0	0	0	0	0	0	0	0
G6 →	0	0	0	0	0	0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



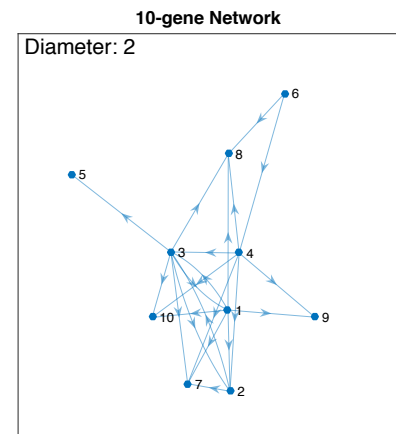
Network E. coli 5	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	0	0	0	0	0	1	0	0	0
G2 →	1	0	0	0	0	0	-1	0	0	0
G3 →	1	0	0	1	0	0	0	0	0	0
G4 →	0	0	0	0	-1	0	0	0	0	0
G5 →	0	0	0	0	0	0	0	0	0	0
G6 →	0	0	1	0	0	0	0	1	1	1
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



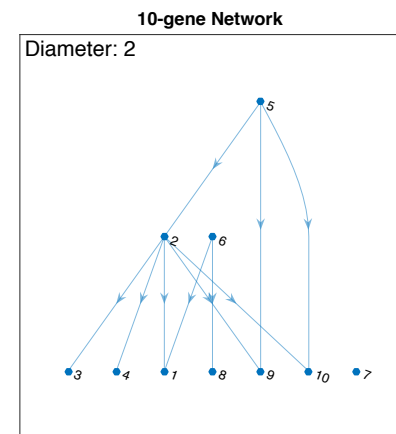
Network E. coli 6	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	1	0	0	0	0	0	0	0	0
G2 →	0	0	-1	-1	0	1	-1	-1	0	-1
G3 →	0	0	0	0	0	0	0	0	0	0
G4 →	0	0	1	0	-1	0	1	0	1	0
G5 →	0	0	0	0	0	0	0	0	0	0
G6 →	0	0	0	0	0	0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



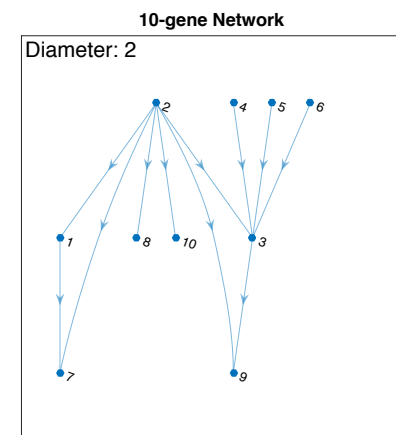
Network E. coli 7	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	1	1	0	0	0	1	1	1	1
G2 →	0	0	-1	0	0	0	-1	0	0	0
G3 →	-1	1	0	0	1	0	1	1	0	1
G4 →	0	1	1	0	0	0	1	1	1	1
G5 →	0	0	0	0	0	0	0	0	0	0
G6 →	0	0	0	1	0	0	0	1	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



Network E. coli 8	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	0	0	0	0	0	0	0	0	0
G2 →	-1	0	-1	-1	0	0	0	0	-1	-1
G3 →	0	0	0	0	0	0	0	0	0	0
G4 →	0	0	0	0	0	0	0	0	0	0
G5 →	0	1	0	0	0	0	0	0	-1	1
G6 →	-1	0	0	0	0	0	0	1	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



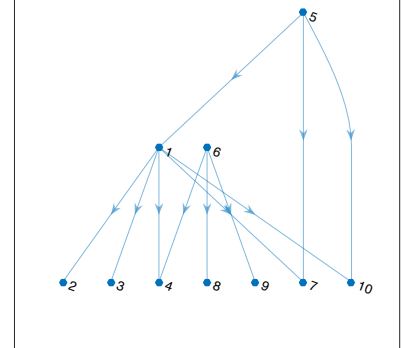
Network E. coli 9	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	0	0	0	0	0	1	0	0	0
G2 →	1	0	-1	0	0	0	1	1	-1	1
G3 →	0	0	0	0	0	0	0	0	1	0
G4 →	0	0	-1	0	0	0	0	0	0	0
G5 →	0	0	1	0	0	0	0	0	0	0
G6 →	0	0	-1	0	0	0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



Network E. coli 10	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	-1	-1	-1	0	0	-1	0	0	-1
G2 →	0	0	0	0	0	0	0	0	0	0
G3 →	0	0	0	0	0	0	0	0	0	0
G4 →	0	0	0	0	0	0	0	0	0	0
G5 →	1	0	0	0	0	0	1	0	0	1
G6 →	0	0	0	-1	0	0	0	-1	-1	0
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0

**10-gene Network**

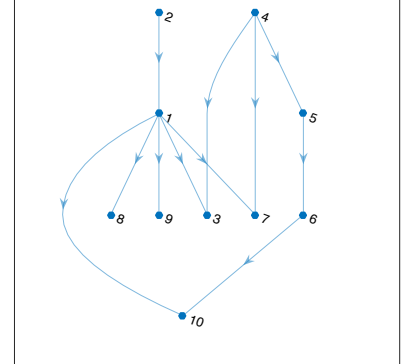
Diameter: 2



Network Yeast 1	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	0	1	0	0	0	1	1	1	1
G2 →	1	0	0	0	0	0	0	0	0	0
G3 →	0	0	0	0	0	0	0	0	0	0
G4 →	0	0	1	0	1	0	1	0	0	0
G5 →	0	0	0	0	0	1	0	0	0	0
G6 →	0	0	0	0	0	0	0	0	0	1
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0

**10-gene Network**

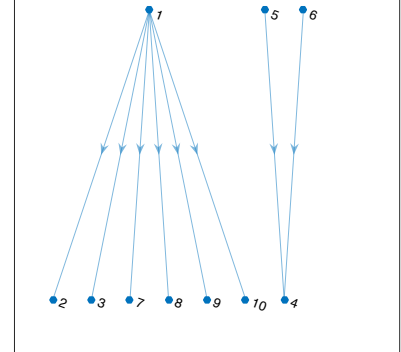
Diameter: 2



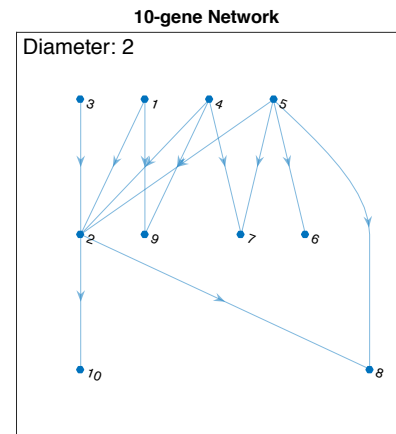
Network Yeast 2	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	1	1	0	0	0	1	1	1	1
G2 →	0	0	0	0	0	0	0	0	0	0
G3 →	0	0	0	0	0	0	0	0	0	0
G4 →	0	0	0	0	0	0	0	0	0	0
G5 →	0	0	0	1	0	0	0	0	0	0
G6 →	0	0	0	1	0	0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0

**10-gene Network**

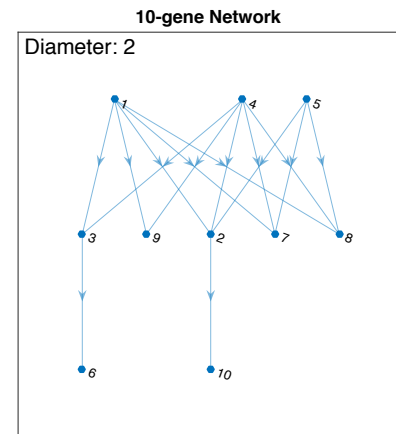
Diameter: 2



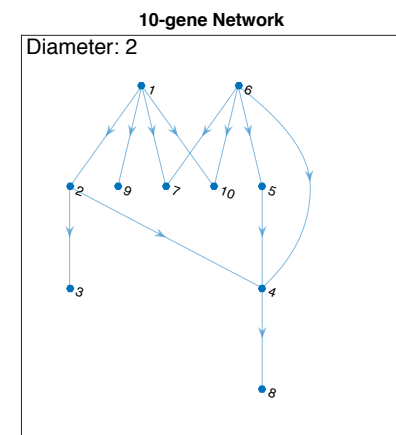
Network Yeast 3	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	1	0	0	0	0	0	0	1	0
G2 →	0	0	0	0	0	0	0	1	0	1
G3 →	0	1	0	0	0	0	0	0	0	0
G4 →	0	1	0	0	0	0	1	0	1	0
G5 →	0	1	0	0	0	1	1	1	0	0
G6 →	0	0	0	0	0	0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



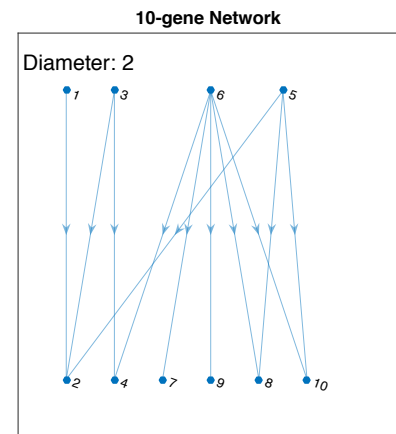
Network Yeast 4	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	1	1	0	0	0	1	1	1	0
G2 →	0	0	0	0	0	0	0	0	0	1
G3 →	0	0	0	0	0	1	0	0	0	0
G4 →	0	1	1	0	0	0	1	1	1	0
G5 →	0	1	0	0	0	0	1	1	0	0
G6 →	0	0	0	0	0	0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



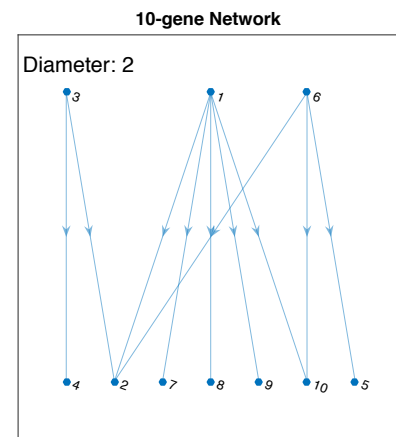
Network Yeast 5	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	1	0	0	0	0	1	0	1	1
G2 →	0	0	1	1	0	0	0	0	0	0
G3 →	0	0	0	0	0	0	0	0	0	0
G4 →	0	0	0	0	0	0	0	1	0	0
G5 →	0	0	0	1	0	0	0	0	0	0
G6 →	0	0	0	1	1	0	1	0	0	1
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



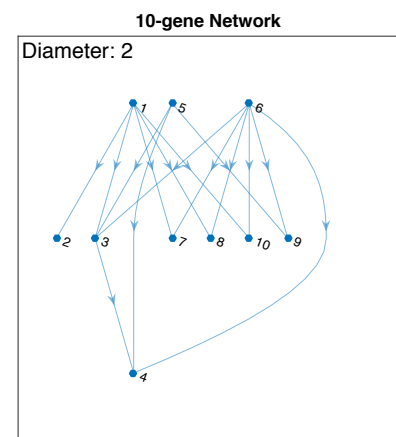
Network Yeast 6	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	1	0	0	0	0	0	0	0	0
G2 →	0	0	0	0	0	0	0	0	0	0
G3 →	0	1	0	1	0	0	0	0	0	0
G4 →	0	0	0	0	0	0	0	0	0	0
G5 →	0	1	0	0	0	0	0	1	0	1
G6 →	0	0	0	1	0	0	1	1	1	1
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



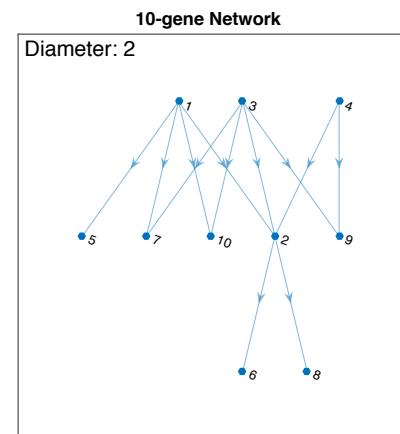
Network Yeast 7	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	1	0	0	0	0	1	1	1	1
G2 →	0	0	0	0	0	0	0	0	0	0
G3 →	0	1	0	1	0	0	0	0	0	0
G4 →	0	0	0	0	0	0	0	0	0	0
G5 →	0	0	0	0	0	0	0	0	0	0
G6 →	0	1	0	0	1	0	0	0	0	1
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



Network Yeast 8	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	1	1	0	0	0	1	1	0	1
G2 →	0	0	0	0	0	0	0	0	0	0
G3 →	0	0	0	1	0	0	0	0	0	0
G4 →	0	0	0	0	0	0	0	0	0	0
G5 →	0	0	1	1	0	0	0	0	1	0
G6 →	0	0	1	1	0	0	1	1	1	1
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



Network Yeast 9	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	1	0	0	1	0	1	0	0	1
G2 →	0	0	0	0	0	1	0	1	0	0
G3 →	0	1	0	0	0	0	1	0	1	1
G4 →	0	1	0	0	0	0	0	0	1	0
G5 →	0	0	0	0	0	0	0	0	0	0
G6 →	0	0	0	0	0	0	0	0	0	0
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0



Network Yeast 10	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
G1 →	0	0	0	0	0	0	0	0	0	0
G2 →	1	0	1	0	0	0	1	0	0	1
G3 →	0	0	0	0	1	0	0	0	0	0
G4 →	1	0	1	0	0	0	0	1	1	1
G5 →	0	0	0	0	0	0	0	0	0	0
G6 →	1	0	0	0	0	0	1	1	1	1
G7 →	0	0	0	0	0	0	0	0	0	0
G8 →	0	0	0	0	0	0	0	0	0	0
G9 →	0	0	0	0	0	0	0	0	0	0
G10 →	0	0	0	0	0	0	0	0	0	0

