alpha: 0.01   edges: 21   time: 0.027s
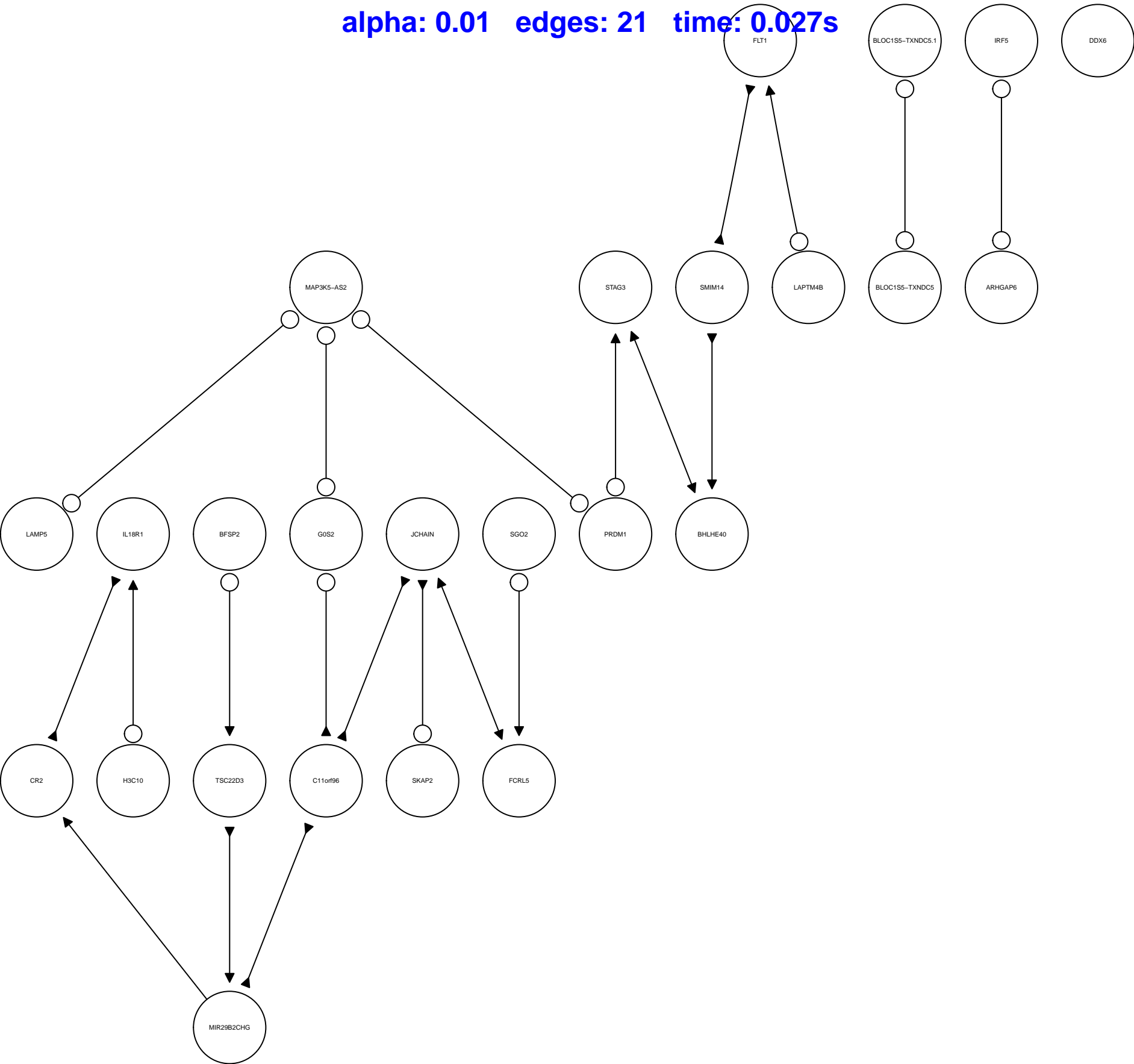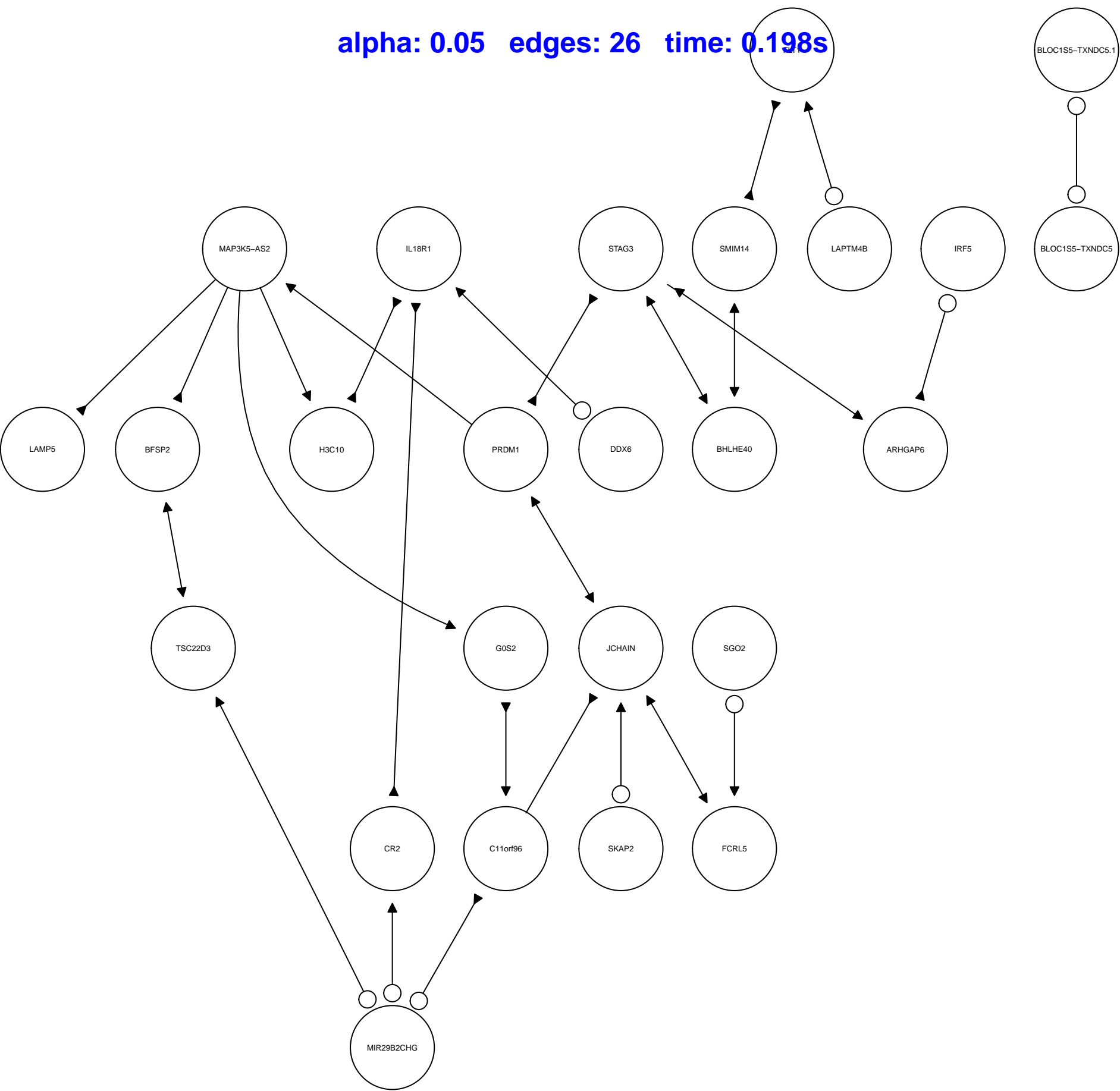
alpha: 0.05   edges: 26   time: 0.198s

alpha: 0.1   edges: 32   time: 0.061s