[ mycircle/.style= circle, draw=black, fill=gray, fill opacity = 0.3, text opacity=1, inner sep=0pt, minimum size=20  $1/J/\sin c1/c2/8/below, c1/c4/11/above, c2/c3/11/below, c3/c6/4/below, c4/c5/12/above, c5/c6/15/above, c5/c2/4 [myarrow] (c4.250) – node[sloped,font=,above,rotate=180] 10 (c2.110);$