$$\begin{array}{c} \text{S0} \rightarrow \text{S1} \\ \text{C0} \rightarrow \text{C2} \\ \text{S1:C2} \\ \\ \text{S1} \rightarrow \text{S3} \rightarrow \text{S7} \rightarrow \text{S1} \\ \text{C2} \rightarrow \text{C3} \rightarrow \text{C2} \\ \end{array}$$