$$
\begin{array}{ccccc}
S_{00} & \underset{\beta}{\overset{2\alpha}{\rightleftharpoons}} & S_{10} & \underset{2\beta}{\overset{\alpha}{\rightleftharpoons}} & S_{20} \\
\gamma \big\updownarrow \delta & & \gamma \big\updownarrow \delta & & \gamma \big\updownarrow \delta \\
S_{01} & \underset{\beta}{\overset{2\alpha}{\rightleftharpoons}} & S_{11} & \underset{2\beta}{\overset{\alpha}{\rightleftharpoons}} & S_{21}
\end{array}
$$