$$\begin{aligned} &\frac{1[14][45]\langle 46\rangle}{[34]\langle 2]1+3|4]\langle 4|5+6|4]} + \\ &\frac{1[14][24]\langle 46\rangle^2}{[34]\langle 56\rangle\langle 4|2+3|4]\langle 4|5+6|4]} \end{aligned}$$