

$$\begin{aligned}
& \frac{-1/2i[45]^3\langle 34\rangle\langle 6|1+2|3|^3}{\langle 12\rangle\langle 16\rangle[35]^4\langle 2|1+6|5\rangle s_{345}} + \\
& \frac{2i[45]^2\langle 34\rangle\langle 6|1+2|3|^2\langle 6|1+2|4|}{\langle 12\rangle\langle 16\rangle[35]^3\langle 2|1+6|5\rangle s_{345}} + \\
& \frac{-3i[45]\langle 34\rangle\langle 6|1+2|3\rangle\langle 6|1+2|4|^2}{\langle 12\rangle\langle 16\rangle[35]^2\langle 2|1+6|5\rangle s_{345}} + \\
& \frac{2i\langle 34\rangle\langle 6|1+2|4|^3}{\langle 12\rangle\langle 16\rangle[35]\langle 2|1+6|5\rangle s_{345}} + \\
& (123456 \rightarrow \overline{654321})
\end{aligned}$$