

$$\begin{aligned}
& \frac{-1i\langle 35\rangle^4[12]^3}{s_{345}[16]\langle 45\rangle\langle 34\rangle\langle 3|1+2|6\rangle\langle 5|1+6|2\rangle} + \\
& \frac{1i[24]^4\langle 56\rangle^3}{s_{234}\langle 16\rangle[23][34]\langle 1|2+3|4\rangle\langle 5|1+6|2\rangle} + \\
& \frac{1i\langle 3|1+2|4\rangle^4}{\langle 12\rangle\langle 23\rangle[45][56]\langle 1|2+3|4\rangle\langle 3|1+2|6\rangle s_{123}}
\end{aligned}$$

$$\begin{aligned}
& \frac{1i\langle 56\rangle^3[12]^3}{s_{123}[23]\langle 45\rangle\langle 6|1+2|3]\langle 4|2+3|1]} + \\
& \frac{-1i\langle 6|1+2|4]^4}{s_{345}\langle 16\rangle[45][34]\langle 12\rangle\langle 6|1+2|3]\langle 2|1+6|5]} + \\
& \frac{1i\langle 3|2+4|1]^4}{[16]\langle 23\rangle\langle 34\rangle[56]\langle 2|1+6|5]\langle 4|2+3|1]s_{234}}
\end{aligned}$$