$$\frac{-1/2\,i\,\langle 1|2+3|1]\,\langle 1|2+3|5]^4\,\langle 2|1+3|6]^3}{\langle 13\rangle\langle 23\rangle[45][56]\langle 1|2+3|4]\langle 1|2+3|6]^4 s_{123}}+$$

$$\frac{-1/2\,i\,\langle 1|2+3|1]\,\langle 1|2+3|5]^4\,\langle 2|1+3|6]^2}{\langle 13\rangle^2[45][56]\langle 1|2+3|4]\langle 1|2+3|6]^3 s_{123}}+$$

$$\frac{-1/2\,i\,\langle 23\rangle\,\langle 1|2+3|1]\,\langle 1|2+3|5]^4\,\langle 2|1+3|6]}{\langle 13\rangle^3[45][56]\langle 1|2+3|4]\langle 1|2+3|6]^2 s_{123}}+$$

$$\frac{-1/2\,i\,\langle 23\rangle^2\,\langle 1|2+3|1]\,\langle 1|2+3|5]^4}{\langle 13\rangle^4[45][56]\langle 1|2+3|4]\langle 1|2+3|6] s_{123}}$$