$$\frac{1/2\, i[12]\langle 23\rangle^3\langle 1|2+3|5]^4}{\langle 13\rangle^4[45][56]\langle 1|2+3|4]\langle 3|1+2|6]s_{123}} +$$

$$(123456 \rightarrow \overline{216543}) +$$

$$\frac{1/2\, i\langle 12\rangle[12]\langle 16\rangle^3[23]^3 s_{234}^3}{[34]\langle 56\rangle\langle 1|3+4|2]^4\langle 1|2+3|4]\langle 5|1+6|2]}$$