$$\frac{-1[12]^2\langle13\rangle\langle2|1{+}3|5]^2}{[56]\langle2|1{+}3|2]^2\langle2|1{+}3|4]\,s_{123}}+$$

$$\frac{1\langle12\rangle[12]\langle23\rangle[45]\langle2|1{+}3|5]}{\langle12\rangle[56]\langle2|1{+}3|2]\langle2|1{+}3|4]^2}+$$

$$\frac{1[12]\langle23\rangle\langle1|2{+}3|5]\langle2|1{+}3|5]}{\langle12\rangle[56]\langle2|1{+}3|2]\langle2|1{+}3|4]\,s_{123}}$$