$$\frac{2[23]\langle 34\rangle^2[34][35]^2\langle 56\rangle}{\langle 23\rangle\langle 1|2+4|3\rangle\langle 3|5+6|3\rangle^3} +$$

$$\frac{3\langle 34\rangle[34][35]\langle 46\rangle}{\langle 12\rangle\langle 23\rangle\langle 3|5+6|3\rangle^2} +$$

$$\frac{2[23]\langle 34\rangle[34][35]\langle 46\rangle}{\langle 23\rangle\langle 1|2+4|3\rangle\langle 3|5+6|3\rangle^2} +$$

$$\frac{1\langle 12\rangle[23]^2[35]\langle 36\rangle\langle 4|1+2|3\rangle}{\langle 23\rangle\langle 1|2+4|3\rangle^2\langle 3|5+6|3\rangle^2} +$$

$$\frac{-3[35]\langle 46\rangle}{\langle 12\rangle\langle 23\rangle\langle 3|5+6|3\rangle} +$$

$$\frac{5[23][35]\langle 46\rangle}{\langle 23\rangle\langle 1|2+4|3\rangle\langle 3|5+6|3\rangle} +$$

$$\frac{1\langle 12\rangle[23]^2[35]\langle 46\rangle}{\langle 23\rangle\langle 1|2+4|3\rangle^2\langle 3|5+6|3\rangle}$$