$$\frac{-1/2[12]\langle13\rangle^2[14]\langle46\rangle^2}{\langle12\rangle\langle56\rangle\langle1|2+3|1]^2\langle4|5+6|4]} +$$

$$\frac{383/18[12]\langle13\rangle[15]\langle36\rangle}{\langle12\rangle[14]\langle1|2+3|1]^2} +$$

$$\frac{-383/18[12]^2\langle3|1+6|5][15]}{[13][14][56]\langle1|2+3|1]^2} +$$

$$\frac{3/2\langle34\rangle\langle13\rangle^2[14]\langle46\rangle^2}{\langle12\rangle\langle14\rangle\langle23\rangle\langle56\rangle\langle1|2+3|1]\langle4|5+6|4]} +$$

$$\frac{73/2[15]^2[12]\langle13\rangle^2\langle14\rangle[14]}{\langle12\rangle[14]\langle23\rangle[23][56]\langle1|2+3|1]\langle1|5+6|1]} +$$

$$\frac{1/6[12]^2\langle13\rangle\langle16\rangle[15]}{\langle12\rangle[14]\langle23\rangle\langle1|2+3|1]\langle1|5+6|1]} +$$

$$\frac{-196/9[12]\langle13\rangle^2[15]^2}{\langle12\rangle[14][56]\langle1|2+3|1]\langle1|5+6|1]} +$$

$$\frac{5/3\langle1|2+3|5][15][12]\langle13\rangle\langle34\rangle}{\langle12\rangle\langle23\rangle[23][56]\langle1|2+3|1]\langle1|5+6|1]} +$$

$$\frac{-5/2[12]^2\langle13\rangle\langle16\rangle\langle46\rangle}{\langle12\rangle[23]\langle56\rangle\langle1|2+3|1]\langle1|5+6|1]} +$$

$$\frac{347/36[12]^2\langle1|2+3|5][15]}{\langle12\rangle[13][14][23][56]\langle1|2+3|1]} +$$

$$\frac{13/3[12]^2[25][15]\langle12\rangle}{\langle12\rangle[13][14][23][56]\langle1|2+3|1]} +$$

$$\frac{-383/18[12]\langle3|1+6|5][15]}{\langle12\rangle[13][14][56]\langle1|2+3|1]} +$$

$$\frac{5/6\langle34\rangle\langle13\rangle\langle3|1+2|3][15]^2}{\langle12\rangle[13]\langle23\rangle[56](\langle2|3|5+6|1|2]-\langle3|4|5+6|1|3])} +$$

$$\frac{\langle16\rangle(97/3\langle34\rangle^2[45][24][13]^2\dots\langle\langle22\,\text{terms}\rangle\rangle\dots-1607/36[23][12][13][25]\langle23\rangle^2)}{\langle12\rangle[13][14][14]\langle23\rangle[23][34]\langle1|5+6|1]} +$$

$$\frac{[12]\langle16\rangle(-167/6\langle36\rangle[23][24]\langle24\rangle[13]\langle23\rangle\dots\langle\langle10\,\text{terms}\rangle\rangle\dots+193/6\langle34\rangle[13][13][34]\langle46\rangle[14])}{\langle12\rangle[13][14][14]\langle23\rangle[23][34]\langle56\rangle\langle1|5+6|1]} +$$

$$\frac{[15](97/3[25][14]^3\langle14\rangle^3\dots\langle\langle11\,\text{terms}\rangle\rangle\dots-97/3[23][35][12]\langle13\rangle^2[13]\langle23\rangle)}{\langle12\rangle[13][14][14]\langle23\rangle[23][34][56]\langle1|5+6|1]} +$$

$$\frac{\langle36\rangle[24]\langle14\rangle[15](-97/3[14]\langle14\rangle+97/3\langle34\rangle[34]+97/3[24]\langle24\rangle)}{\langle12\rangle\langle14\rangle[14]\langle23\rangle[23][34]\langle1|5+6|1]} +$$

$$\frac{193/6\langle34\rangle^2\langle16\rangle[24][15]}{\langle12\rangle\langle23\rangle[23]\langle56\rangle[56]\langle1|5+6|1]} +$$

$$\frac{2131/18\langle24\rangle[35][12]^2\langle13\rangle[34]\langle46\rangle\langle23\rangle\dots\langle\langle75\,\text{terms}\rangle\rangle\dots-1123/18[23][24]\langle24\rangle[35][12]\langle46\rangle\langle23\rangle^2}{\langle12\rangle[13][14][14]\langle23\rangle[23]\langle24\rangle[34]\langle56\rangle[56]} +$$

$$(123456 \to \overline{432165})$$