

$$\begin{aligned}
& \frac{[13](-3(46)[13](23)[25](12) \dots \langle 8 \text{ terms} \rangle \dots + 7(46)[35](34)(23)(34)]}{(2|1+4|3)^3} + \\
& \frac{[13][35](13)(26)(s_{13}-s_{24})(113-1(14)[14])}{(1|2+3|4)(2|1+4|3)^3} + \\
& \frac{[13](26)^2(s_{13}-s_{24})(-1[13][23](13)^2+2[23](13)(24)[24]-114^2[24])}{(56)(1|2+3|4)(2|1+4|3)^3} + \\
& \frac{[13](26)(-1(13)(46)[13]23 \dots \langle 8 \text{ terms} \rangle \dots + 2[12](46)24(12))}{(56)(2|1+4|3)^3} + \\
& \frac{[35](3|1+4|2)(s_{124}-s_{134})(3/8[13](46)(23)-3/8(36)[13](24)+3/8(24)[14](46))}{(2|1+4|3)^2 \Delta_{14|23|56}} + \\
& \frac{[15](1(12)^2[14]^2(34)[25](14) \dots \langle 28 \text{ terms} \rangle \dots - 1[12](13)[35](34)(23)(12)[34])}{(23)[56](1|2+3|4)(2|1+4|3)^2} + \\
& \frac{-1(13)^2[13]^2[35](34)(23)[45]}{(23)[56](1|2+3|4)(2|1+4|3)^2} + \\
& \frac{[15](-17/4[25](13)(24)^2[14] \dots \langle 20 \text{ terms} \rangle \dots - 1/2(12)[14](34)[15](14))}{(23)[56](2|1+4|3)^2} + \\
& \frac{3/4[13][35](34)^2(23)[45]}{(23)[56](2|1+4|3)^2} + \\
& \frac{-3/4[13][35](34)(23)^2[25]}{(23)[56](2|1+4|3)^2} + \\
& \frac{9/64 s_{56}(s_{12}+s_{13}+s_{24}+s_{34})(26)(3|1+4|2)[25](4|2+3|1)}{(2|1+4|3) \Delta_{14|23|56}^2} + \\
& \frac{-9/64(s_{12}+s_{13}+s_{24}+s_{34})(26)(3|1+4|2)[25](s_{14}-s_{23})(4|2+3|1)}{(2|1+4|3) \Delta_{14|23|56}^2} + \\
& \frac{(3|1+4|2)(s_{123}-s_{234})(s_{12}+s_{13}+s_{24}+s_{34})(9/6413[15](46)+9/32[34][35][13](36)+9/64(34)(46)[35][14]+9/64(34)[45][13](46))}{(2|1+4|3) \Delta_{14|23|56}^2} + \\
& \frac{[13](3|1+4|2)(s_{12}+s_{13}+s_{24}+s_{34})(4|2+3|1)(9/16[45](13)(46)+9/16(36)[35](13)+9/16(36)[25](12))}{(2|1+4|3) \Delta_{14|23|56}^2} + \\
& \frac{9/16[12](46)[35][24](34)(23) \dots \langle 8 \text{ terms} \rangle \dots + 9/16[12](13)[13](36)[15](14)}{(2|1+4|3) \Delta_{14|23|56}} + \\
& \frac{(34)[15](1[12][35][24](34)(23)(12) \dots \langle 6 \text{ terms} \rangle \dots + 2[12](13)[35][14](34)(12))}{(23)[56](1|2+3|4)(2|1+4|3)(4|2+3|1)} + \\
& \frac{(34)[15](1(34)[25](24)(23)+1(34)[25](13)[14]+1[12][25](13)(23)+1[12](13)^2[15])}{(23)[56](1|2+3|4)(4|2+3|1)} + \\
& (123456 \rightarrow \overline{432165}) + \\
& \frac{-9[13][35](26) \Delta_{14|23|56}(24)}{(2|1+4|3)^4} + \\
& \frac{9/8[13][35](26)(3|1+4|2)^2(24)}{\Delta_{14|23|56}(2|1+4|3)^2}
\end{aligned}$$