$$\frac{-15/2[13]^2(14)(23)(26)(35)(56)[56](s_{134}-s_{124})}{(2|1+4|3]^4\Delta_{14|23|56}}+$$

$$\frac{-45/8[13](24)(26)(35)(2|5+6|2](3|1+4|2]s_{134}(s_{124}-s_{134})}{(2|1+4|3]^3\Delta_{14|23|56}}+$$

$$\frac{[13](26)(s_{124}-s_{134})(30[13](14)(34)(45)\ldots(9\,\mathrm{terms})\ldots+15/4[12](14)(24)(45))}{(2|1+4|3]^3\Delta_{14|23|56}}+$$

$$\frac{[13](26)(s_{13}-s_{24})(s_{124}-s_{134})(-15/4(14)(24)(24)(45)+15/4(13)(23)(24)(45)+15/4(13)(23)(35))}{(1|2+3|4](2|1+4|3]^3\Delta_{14|23|56}}+$$

$$\frac{[13](26)(-135/4[13][13]^2(14)(34)(45)\ldots(21\,\mathrm{terms})\ldots-30[13](14)(34)^2(34)(45))}{(2|1+4|3]^3\Delta_{14|23|56}}+$$

$$\frac{[13](26)(s_{13}-s_{24})(-15/4(14)(24)^2(24)^2(45)-15/2(13)^2[13](23)(24)(45)-15/4(13)^2(13)(23)(35))}{(1|2+3|4](2|1+4|3]^3\Delta_{14|23|56}}+$$

$$\frac{[13](26)(-12(24)(24)(35)+15(23)(24)(45)+3(34)(34)(35)+15(13)(13)(35))}{(34)(2|1+4|3]^3}+$$

$$\frac{-75/32(23)(23)(35)(3|1+4|2](4|2+3|1]s_{124}(s_{124}+s_{134})(26)(s_{124}-s_{134})}{(2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{(26)(s_{13}-s_{24})(-5/8(13)^3[13]^2(24)(35)\ldots(5\,\mathrm{terms})\ldots+5/8(13)^2[13](23)(23)^2(45))}{(1|2+3|4]^2(2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{601/8(12)[13](24)(24)^2(34)(35)(36)\ldots(162\,\mathrm{terms})\ldots+5/8(23)(23)^2(24)^2(24)(36)(45)}{(1|2+3|4](2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{3/8(15)(24)(36)(3|1+4|3]s_{14}-s_{56})}{(23)(2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{(24)(26)^2(s_{13}-s_{24})(-8(14)^2(14)(24)+5(13)(23)(23)^2-13(13)(13)(14)(24))}{(14)(14)(56)(1|2+3|4]^2(2|1+4|3]^2}+$$

$$\frac{(24)(26)(13)(35)(s_{13}-s_{24})(-5(23)(23)+5/2(13)(13))}{(14)(14)(1|2+3|4]^2(2|1+4|3]^2}+$$

$$\frac{-1(24)(24)^2(26)(45)(s_{13}-s_{24})}{(14)(1|2+3|4]^2(2|1+4|3]^2}+$$

$$\frac{[24](26)(13)(4|2+3|1](13)(s_{13}-s_{24})(15/8(14)(24)(24)(45)+15/4(13)(23)(24)(45)+15/8(13)(23)(35))}{(1|2+3|4](2|1+4|3]^2\Delta_{23|14|56}}+$$

$$\frac{[13](s_{134}-s_{124})(55/16(12)^2(14)(24)^2(34)(35)(46)\ldots(39\,\mathrm{terms})\ldots-5/8(13)^2(13)(23)^2(23)^2(45)(46))}{(1|2+3|4](2|1+4|3]^2\Delta_{23|14|56}}+$$

$$\frac{(26)(3)(13)^2(14)^2(24)^2(36)\ldots(10\,\mathrm{terms})\ldots+2(13)(13)^2(14)(23)(24)(36))}{(14)(14)(23)(56)(1|2+3|4](2|1+4|3]^2}+$$

$$\frac{1/2(23)(24)^2(24)^2(35)(36)\ldots(22\,\mathrm{terms})\ldots-7/2(12)(13)(23)(23)(34)(35)(46)}{(14)(14)(23)(1|2+3|4](2|1+4|3]^2}+$$

$$\frac{[12](13/2(13)(13)^2(16)(45)\ldots(8\,\mathrm{terms})\ldots-1/2(24)(24)^2(26)(35))}{(14)(23)(1|2+3|4](2|1+4|3]^2}+$$

$$\frac{[35](-1/2(24)(24)^2(46)-1/2(12)(14)(24)(26)-13/2(12)(13)(13)(16))}{(23)(1|2+3|4](2|1+4|3]^2}+$$

$$\frac{(26)(-17/2(12)(13)^2(34)(45)\ldots(7\,\mathrm{terms})\ldots-3/2(13)(24)^2(24)(45))}{(24)(34)(2|1+4|3]^2(2|1+3|4]}+$$

$$\frac{(26)^2(14)(13)(14)(-9(12)(12)-9(14)(14)-9(13)(13))}{(24)(34)(56)(2|1+4|3]^2(2|1+3|4]}+$$

$$\frac{(3|1+4|2](26)(13)(4|2+3|1](-15/4(14)(24)(24)(45)\ldots(10\,\mathrm{terms})\ldots+15/4(13)(14)(14)(35))}{(2|1+4|3]^2\Delta_{23|14|56}}+$$

$$\frac{[13](3|1+4|2](26)(165/8(13)(13)^2(14)(34)(45)\ldots(13\,\mathrm{terms})\ldots-165/8(12)(13)(14)(14)(25)(34))}{(2|1+4|3]^2\Delta_{23|14|56}}+$$

$$\frac{(26)(13)(4|2+3|1](-15/4(13)(24)(24)^2(34)(35)-15/8(14)(24)(24)^2(34)(45)-15/4(13)^2(13)(24)(24)(25)+15/8(12)(13)^2(23)(23)(35))}{(2|1+4|3]^2\Delta_{23|14|56}}+$$

$$\frac{(s_{134}-s_{124})(-45/8(12)^2(13)(23)(24)(34)(35)(46)\ldots(81\,\mathrm{terms})\ldots+35/16(13)(23)^2(24)^2(34)(45)(46))}{(2|1+4|3]^2\Delta_{23|14|56}}+$$

$$\frac{1/8(24)(35)(46)(3|1+4|2](s_{23}-s_{56})}{(14)(2|1+4|3]^2\Delta_{23|14|56}}+$$

$$\frac{1/8(12)(13)(26)(3|1+4|5](s_{23}-s_{56})}{(14)(2|1+4|3]^2\Delta_{23|14|56}}+$$

$$\frac{525/256(14)(23)(23)(56)(3|1+4|2](4|2+3|1](6|1+4|5](s_{134}-s_{124})(14)(56)(s_{13}+s_{24}+s_{12}+s_{34})}{(2|1+4|3]\Delta_{14|23|56}^4}+$$

$$\frac{-525/128(14)(14)(23)^2(23)^2(56)(56)(3|1+4|2](4|2+3|1](6|1+4|5](s_{134}-s_{124})}{(2|1+4|3]\Delta_{14|23|56}^4}+$$

$$\frac{(23)(4|2+3|1](3|1+4|2](56)(56)(6|1+4|5](23)(s_{13}-s_{24})(-675/64(13)(34)-325/32(12)(24))}{(1|2+3|4](2|1+4|3]\Delta_{14|23|56}^4}+$$

$$\frac{(3|1+4|2](s_{13}-s_{24})(s_{25}+s_{26}+s_{35}+s_{36})(12525/512(12)(13)(24)(24)^2(34)(35)(36)\ldots(182\,\mathrm{terms})\ldots-1675/128(12)(12)(23)(24)^2(24)(36)(45))}{(1|2+3|4](2|1+4|3]\Delta_{14|23|56}^3}+$$

$$\frac{(s_{13}-s_{24})(s_{124}-s_{134})(s_{25}+s_{26}+s_{35}+s_{36})(25/64(12)(14)^2(14)(34)(34)(36)(45)\ldots(35\,\mathrm{terms})\ldots-25/64(12)(13)^2(13)(23)(24)(36)(45))}{(2|1+4|3]\Delta_{14|23|56}^3}+$$

$$\frac{(46)(3|1+4|2](s_{25}+s_{26}+s_{35}+s_{36})(-175/64(12)^2(13)^2(23)(35)\ldots(3\,\mathrm{terms})\ldots+175/64(12)^3(12)^3(15))}{(2|1+4|3]\Delta_{14|23|56}^3}+$$

$$\frac{(3|1+4|2](s_{25}+s_{26}+s_{35}+s_{36})(25/64(12)^2(13)^2(23)(24)(34)^2(36)(45)\ldots(30\,\mathrm{terms})\ldots+25/64(13)^2(13)^2(23)(34)(34)(45)(46))}{(1|2+3|4](2|1+4|3]\Delta_{14|23|56}^3}+$$

$$\frac{-15/32(12)(15)(34)(46)(2|1+3|2](3|2+4|3](s_{12}-s_{34})}{(2|1+4|3](4|2+3|1]\Delta_{14|23|56}^3}+$$

$$\frac{-5/8(13)(16)(24)(45)(3|1+2|3]s_{234}(s_{13}-s_{24})}{(1|2+3|4]^2(2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-2(13)(23)(24)(24)^3(35)(46)\ldots(69\,\mathrm{terms})\ldots+3/4(13)(24)(34)^2(34)^2(35)(36)}{(1|2+3|4]^2(2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-128558999/23040(14)^2(14)^2(25)(36)\ldots(60\,\mathrm{terms})\ldots-4875/128(13)(13)(23)(23)(25)(36)}{(1|2+3|4]^2(2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-1/4[12](15)(34)(46)(s_{12}-s_{34})}{(2|1+4|3](4|2+3|1]\Delta_{14|23|56}}+$$

$$\frac{-3/8(12)(25)(46)(2|1+4|2]}{[23](2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-35/32(13)(16)(24)(45)(3|1+2|3](4|2+3|1]s_{234}(s_{13}-s_{24})}{(1|2+3|4]^2(2|1+4|3]\Delta_{23|14|56}^2}+$$

$$\frac{[24]s_{234}(13)(4|2+3|1](s_{123}-s_{234})(-5/16(12)(12)(16)(45)\ldots(5\,\mathrm{terms})\ldots+5/32(14)(24)(26)(45))}{(1|2+3|4]^2(2|1+4|3]\Delta_{23|14|56}^2}+$$

$$\frac{[24]s_{234}(3|1+2|3](13)(s_{123}-s_{234})(-5/16(12)(12)(15)(16)\ldots(5\,\mathrm{terms})\ldots+5/16(12)(12)(45)(46))}{(1|2+3|4]^2(2|1+4|3]\Delta_{23|14|56}^2}+$$

$$\frac{[24]^2(26)(-5/2(14)^2(14)(24)(35)-8(13)(13)(14)(23)(45)+5/2(13)^2(13)(23)(35)-1(14)(23)(24)(24)(45))}{(14)(14)(23)(34)(1|2+3|4]^2(2|1+4|3]}+$$

$$\frac{[24](26)(-8(13)(14)^2(24)^2(36)-8(14)^2(14)(24)^2(46)+5(13)(23)(23)^2(24)(46)-5(13)^2(13)(23)^2(36))}{(14)(14)(23)(56)(1|2+3|4]^2(2|1+4|3]}+$$

$$\frac{5/3(13)(24)^2(26)^2(3|1+4|2]}{(14)(14)(34)(56)(1|2+3|4]^2(2|1+4|3]}+$$

$$\frac{8(13)(24)^3(26)^2(13+4|2]}{(14)(23)(34)(56)(1|2+3|4]^2(2|1+4|3]}+$$

$$\frac{[24](8(23)(23)(24)(35)(36)\ldots(6\,\mathrm{terms})\ldots+8(23)(39)(24)(25)(26))}{(14)(23)(1|2+3|4]^2(2|1+4|3]}+$$

$$\frac{[24]^2(25)(5/2(14)(26)-8(12)(46))}{(23)(1|2+3|4]^2(2|1+4|3]}+$$

$$\frac{9(12)(13)(14)(24)(34)(35)(36)\ldots(8\,\mathrm{terms})\ldots-3/2(14)(34)(34)^2(35)(36)}{(24)(34)(12+4|3](1|2+3|4](2|1+4|3]}+$$

$$\frac{(16)(-5/34(34)^3(46)\ldots(5\,\mathrm{terms})\ldots+4(23)(23)^2(24)(24)(26))}{(24)(34)(56)(1|2+4|3](1|2+3|4](2|1+4|3]}+$$

$$\frac{-5/2(13)(23)(23)(35)(46)\ldots(8\,\mathrm{terms})\ldots-7/2(13)(34)(34)(35)(46)}{(14)(24)(34)(1|2+3|4](2|1+4|3]}+$$

$$\frac{(46)(-11(13)(23)(34)(46)\ldots(4\,\mathrm{terms})\ldots+5(12)(23)(23)^2(36))}{(14)(24)(34)(56)(1|2+3|4](2|1+4|3]}+$$

$$\frac{-1(12)(14)(24)(26)(46)}{(23)(24)(56)(1|2+3|4](2|1+4|3]}+$$

$$\frac{98060669/46080(13)(13)(14)^3(14)^3(25)(36)\ldots(402\,\mathrm{terms})\ldots-3365/128(12)(12)(23)^2(23)(24)(24)^2(25)(46)}{(1|2+3|4]^2(2|1+4|3]\Delta_{23|14|56}^3}+$$

$$\frac{[24](12)(14)(14)(24)(35)(46)\ldots(8\,\mathrm{terms})\ldots+5(23)(23)^2(35)(36))}{(14)(14)(23)(34)(1|2+3|4](2|1+4|3]}+$$

$$\frac{[24](26)(1)(13)(14)(23)(24)(36)\ldots(4\,\mathrm{terms})\ldots+6(13)(14)(24)^2(46))}{(14)(14)(23)(34)(56)(1|2+3|4](2|1+4|3]}+$$

$$\frac{(26)(-8(23)^2(24)(34)(36)-6(12)(13)(23)^2(36)-2(12)(14)(23)(24)(36)-6(12)(14)(24)^2(46))}{(14)(14)(23)(56)(1|2+3|4](2|1+4|3]}+$$

$$\frac{(36)(46)(2(13)(14)(24)^2\ldots(3\,\mathrm{terms})\ldots-1(23)(24)(24)^2)}{(14)(14)(23)(56)(1|2+3|4](2|1+4|3]}+$$

$$\frac{(36)(12)^2(16)(-2(14)(34)+6(12)(23))}{(14)(14)(23)(56)(1|2+3|4](2|1+4|3]}+$$

$$\frac{6(23)(24)(24)(25)(36)\ldots(8\,\mathrm{terms})\ldots+1(23)(23)^2(25)(36)}{(14)(14)(23)(1|2+3|4](2|1+4|3]}+$$

$$\frac{[24](-3/2(13)(25)(36)+8(12)(35)(36)+17/2(12)(45)(46)-33/2(12)(25)(26))}{(14)(23)(1|2+3|4](2|1+4|3]}+$$

$$\frac{-23/2(24)(25)(46)}{(23)(1|2+3|4](2|1+4|3]}+$$

$$\frac{(26)(3(12)(13)(14)(34)(46)\ldots(5\,\mathrm{terms})\ldots-3(13)(13)(14)(24)(46))}{(24)^2(34)(56)(2|1+4|3](2|1+3|4]}+$$

$$\frac{-1(12)(14)(26)(35)\ldots(4\,\mathrm{terms})\ldots-5(23)(23)(35)(46)}{(24)(34)(1|2+4|3](2|1+3|4]}+$$

$$\frac{[13](16)(-2(13)(14)(36)-1(12)(14)(26)-5(34)(34)(46)+4(23)(23)(46))}{(24)(34)(56)(1|2+4|3](2|1+3|4]}+$$

$$\frac{1[13](14)(34)(34)(46)}{(24)(34)(56)(1|2+4|3](2|1+3|4]}+$$

$$\frac{-6[13](23)(26)(45)(4|2+3|4]}{(24)(34)(23|+4|3](2|1+3|4]^2}+$$

$$\frac{(26)(-3(13)(34)(45)\ldots(3\,\mathrm{terms})\ldots-5/2(14)(14)(15))}{(24)(34)(2|1+4|3](2|1+3|4]}+$$

$$\frac{-19/2(14)(15)(46)}{(14)(24)(34)(2|1+4|3]}+$$

$$\frac{(46)(-6(12)(14)(26)-6(13)(14)(36)+5(23)(23)(46))}{(14)(24)(34)(56)(2|1+4|3]}+$$

$$\frac{(34)(46)(1/2(25)(3|1+4|3]-1/8(35)(3|1+4|2])}{(14)(2|1+4|3]\Delta_{23|14|56}}+$$

$$\frac{[12]^2(-1/2(23)(6|1+4|5]+3/8(26)(3|1+4|5])}{(14)(2|1+4|3]\Delta_{23|14|56}}+$$

$$\frac{3/8(15)(24)(36)(3|1+4|2]}{(23)(2|1+4|3]\Delta_{23|14|56}}+$$

$$\frac{-1(16)(23)(35)s_{234}}{(34)(1|2+4|3](2|1+4|3]}+$$

$$\frac{-6(16)(23)(23)^2(35)}{(34)(1|2+4|3](2|1+4|3]}+$$

$$\frac{5[13](26)(45)(3|1+4]}{(34)(2|1+4|3](2|1+3|4]}+$$

$$\frac{(3|1+4|2](s_{25}+s_{26}+s_{35}+s_{36})(-1425/64(13)(13)^2(14)^2(25)(36)\ldots(86\,\mathrm{terms})\ldots-125/64(12)(13)(23)(24)(34)^2(36)(45))}{(1|2+3|4]\Delta_{14|23|56}^3}+$$

$$\frac{[13](13)(s_{124}-s_{134})(s_{25}+s_{26}+s_{35}+s_{36})(25/32(23)(24)(34)^2(36)(45)\ldots(3\,\mathrm{terms})\ldots+25/64(12)(13)^2(14)(25)(46))}{(1|2+3|4]\Delta_{14|23|56}^3}+$$

$$\frac{(34)(12)(15)(46)(-15/32(24)(34)(2|1+3|2]+15/32(12)(13)(3|2+4|3]-15/32(12)(13)(24)(24))}{(4|2+3|1]\Delta_{14|23|56}^2}+$$

$$\frac{-5/8(13)(16)(24)(45)(3|1+4|2]s_{234}}{(1|2+3|4]^3\Delta_{14|23|56}}+$$

$$\frac{-5/8(13)(16)(24)(24)(45)s_{234}}{(1|2+3|4]^3\Delta_{14|23|56}}+$$

$$\frac{35/32(12)(13)^2(16)(24)(45)(4|2+3|1]s_{234}}{(1|2+3|4]^2\Delta_{23|14|56}^2}+$$

$$\frac{(13)(24)s_{234}(s_{123}-s_{234})(15/32(13)(13)(35)(36)+15/32(12)(12)(25)(36)-5/16(12)(13)(45)(46)+5/16(12)(13)(15)(16))}{(1|2+3|4]\Delta_{23|14|56}^2}+$$

$$\frac{2(34)(46)^2(3|2+4|3]}{(23)(24)^2(56)(1|2+3|4]}+$$

$$\frac{1(24)(34)(46)(6|1+5|3]}{(23)(24)^2(34)(56)(1|2+3|4]}+$$

$$\frac{-2(34)(46)(4|1+5|4]}{(24)(34)(56)(1|2+3|4]}+$$

$$\frac{-2(24)(26)(34)(46)}{(24)^2(34)(56)(1|3+3|4]}+$$

$$\frac{2(13)(13)(16)(25)\ldots(7\,\mathrm{terms})\ldots+3(12)(24)(25)(46)}{(24)(34)(1|2+4|3](1|2+3|4]}+$$

$$\frac{-8(14)(25)(36)}{(14)(24)(34)(1|2+3|4]}+$$

$$\frac{(46)(5(14)(24)(26)(46)+6(14)(24)(46)+5(13)(23)(36))}{(14)(24)(34)(56)(1|2+5|4]}$$