```
C_{uW}^{\text{il}-\text{i2}_{-}} \rightarrow \hbar \, \left( -\, \frac{1}{48} \, \, g_2 \, \, s_\gamma \, \, \frac{1}{m_\text{g}^2} \, \, \left( \overline{y_d}^\text{pr} \, \, y_d^\text{ilr} \, \, y_u^\text{pi2} \, \, \left( 3 \, \, c_\gamma^{\, \, 2} + s_\gamma^{\, \, 2} \right) \, + \, c_\gamma^{\, \, 2} \, \, \overline{y_u}^\text{pr} \, \, \left( y_u^\text{pi2} \, \, y_u^\text{ilr} + 18 \, \, y_u^\text{pr} \, \, y_u^\text{ili2} \right) \right) \, + \, c_\gamma^{\, \, 2} \, \, \overline{y_u}^\text{pr} \, \, \left( y_u^\text{pi2} \, \, y_u^\text{ilr} + 18 \, \, y_u^\text{pr} \, \, y_u^\text{ili2} \right) \right) \, + \, c_\gamma^{\, \, 2} \, \, \overline{y_u}^\text{pr} \, \, \left( y_u^\text{pi2} \, \, y_u^\text{ilr} + 18 \, \, y_u^\text{pr} \, \, y_u^\text{ili2} \right) \right) \, + \, c_\gamma^{\, \, 2} \, \, \overline{y_u}^\text{pr} \, \, \left( y_u^\text{pi2} \, \, y_u^\text{ilr} + 18 \, \, y_u^\text{pr} \, \, y_u^\text{ili2} \right) \, \right) \, + \, c_\gamma^{\, \, 2} \, \, \overline{y_u}^\text{pr} \, \, \left( y_u^\text{pi2} \, \, y_u^\text{ilr} + 18 \, \, y_u^\text{pr} \, \, y_u^\text{ili2} \right) \, \right) \, + \, c_\gamma^{\, \, 2} \, \, \overline{y_u}^\text{pr} \, \, \left( y_u^\text{pi2} \, \, y_u^\text{ilr} + 18 \, \, y_u^\text{pr} \, \, y_u^\text{ili2} \right) \, \right) \, + \, c_\gamma^{\, \, 2} \, \, \overline{y_u}^\text{pr} \, \, \left( y_u^\text{pi2} \, \, y_u^\text{ilr} + 18 \, \, y_u^\text{pr} \, \, y_u^\text{ili2} \right) \, \right) \, + \, c_\gamma^{\, \, 2} \, \, \overline{y_u}^\text{pr} \, \, \left( y_u^\text{pi2} \, \, y_u^\text{ilr} + 18 \, \, y_u^\text{pr} \, \, y_u^\text{ili2} \right) \, \right) \, + \, c_\gamma^{\, \, \, 2} \, \, \overline{y_u}^\text{pr} \, \, \left( y_u^\text{pi2} \, \, y_u^\text{ilr} + 18 \, \, y_u^\text{pr} \, \, y_u^\text{ili2} \right) \, \right) \, + \, c_\gamma^{\, \, \, \, 2} \, \, \overline{y_u}^\text{pr} \, \, \left( y_u^\text{pi2} \, \, y_u^\text{pr} \, \, y_u^\text{ili2} \right) \, \right) \, + \, c_\gamma^{\, \, \, \, \, 2} \, \, \overline{y_u}^\text{pr} \, \, \overline{y_u
                                                                                                                                               \frac{1}{8} \ g_2 \ s_{\gamma} \ c_{\gamma}^{\ 2} \ \overline{y_d}^{pr} \ y_d^{\ i1r} \ y_u^{\ pi2} \ \mathsf{LF}_{1,2} [\, \mathsf{m}_{_{\bar{\Phi}}} \,] \ + \\ \frac{1}{144} \ g_2 \ s_{\gamma} \ g_{1}^{\ 2} \ y_u^{\ i1i2} \ \mathsf{LF}_{2,1,0} \big[\, \mathsf{m}_{1} \,, \ \mathsf{m}_{_{\bar{q}}}^{\ i1} \, \big] \ - \\ \frac{1}{8} \ \mathsf{m}_{1} \ \mathsf{m}_{1} \ \mathsf{m}_{2} \ \mathsf{m}_{2} \ \mathsf{m}_{3} \ \mathsf{
                                                                                                                                                    \frac{1}{72} \; g_2 \; s_\gamma \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{3,1,-1} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{il}} \big] \; + \; \frac{1}{144} \; g_2 \; s_\gamma \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{il}} \big] \; - \; \frac{1}{144} \; g_2 \; s_\gamma \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{il}} \big] \; - \; \frac{1}{144} \; g_2 \; s_\gamma \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{il}} \big] \; - \; \frac{1}{144} \; g_2 \; s_\gamma \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{il}} \big] \; - \; \frac{1}{144} \; g_2 \; s_\gamma \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{ili2}} \big] \; - \; \frac{1}{144} \; g_2 \; s_\gamma \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{ili2}} \big] \; - \; \frac{1}{144} \; g_2 \; s_\gamma \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{ili2}} \big] \; - \; \frac{1}{144} \; g_2 \; s_\gamma \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{ili2}} \big] \; - \; \frac{1}{144} \; g_2 \; s_\gamma \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{ili2}} \big] \; - \; \frac{1}{144} \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{ili2}} \big] \; - \; \frac{1}{144} \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{ili2}} \big] \; - \; \frac{1}{144} \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{\mathsf{q}}}^{\; \text{ili2}} \big] \; - \; \frac{1}{144} \; g_1^2 \; y_u^{\; \text{ili2}} \; \mathsf{LF}_{4,1,-2} \big[ \mathsf{m}_1, \; \mathsf{m}_1, \; \mathsf{m}_2 \big[ \mathsf{m}_2, \; \mathsf{m}_2 \big[ \mathsf{m}_1, \; \mathsf{m}_2 \big[ \mathsf{m}_2, \; \mathsf{m}_2 \big[ \mathsf{m
                                                                                                                                                                  \frac{1}{16} \, s_{\gamma} \, g_{2}^{3} \, y_{u}^{\, i \, 1 \, i \, 2} \, LF_{2, 1, 0} \big[ \, m_{2} \, , \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{8} \, s_{\gamma} \, g_{2}^{\, 3} \, y_{u}^{\, i \, 1 \, i \, 2} \, LF_{3, 1, -1} \big[ \, m_{2} \, , \, m_{\tilde{q}}^{\, \, i \, 1} \big] + \frac{1}{8} \, m_{2}^{\, \, i \, 1} \, m_{2}^
                                                                                                                                                    \frac{3}{16}\;\mathsf{s_{Y}}\;\mathsf{g_{2}}^{3}\;\mathsf{y_{u}}^{\mathsf{ili2}}\;\mathsf{LF_{4,1,-2}}\!\left[\mathsf{m_{2}},\;\mathsf{m_{\tilde{q}}}^{\mathsf{il}}\right]+\frac{1}{3}\;\mathsf{g_{2}}\;\mathsf{s_{Y}}\;\mathsf{g_{3}}^{2}\;\mathsf{y_{u}}^{\mathsf{ili2}}\;\mathsf{LF_{2,1,0}}\!\left[\mathsf{m_{3}},\;\mathsf{m_{\tilde{q}}}^{\mathsf{il}}\right]-
                                                                                                                                                                                              g_2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, i \, 2} \, LF_{3, 1, -1} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] + \frac{1}{3} \, g_2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, i \, 2} \, LF_{4, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, i \, 2} \, LF_{4, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, i \, 2} \, LF_{4, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, i \, 2} \, LF_{4, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, i \, 2} \, LF_{4, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, i \, 2} \, LF_{4, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, i \, 2} \, LF_{4, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, i \, 2} \, LF_{4, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, i \, 2} \, LF_{4, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, i \, 2} \, LF_{4, 1, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, 1 \, 2} \, LF_{4, 1, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, 1 \, 2} \, LF_{4, 1, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, i \, 1 \, 1 \, 2} \, LF_{4, 1, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, \, i \, 1 \, 2} \, LF_{4, 1, 1, 1, -2} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, \, i \, 1 \, 2} \, LF_{4, 1, 1, 1, 1, 1} \big[ m_3, \, m_{\tilde{q}}^{\, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, \, \, i \, 1 \, 2} \, LF_{4, 1, 1, 1, 1} \big[ m_3, \, m_{\tilde{q}}^{\, \, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, s_{\gamma} \, g_3^2 \, y_u^{\, \, \, \, i \, 1 \, 2} \, LF_{4, 1, 1, 1, 1} \big[ m_3, \, m_{\tilde{q}}^{\, \, \, i \, 1} \big] - \frac{1}{3} \, g_3^2 \, g_
                                                                                                                                                                                          g_2 \; s_\gamma \; \overline{y_d}^{\text{pr}} \; y_d^{\text{ilr}} \; y_u^{\text{pi2}} \; \mathsf{LF}_{3,1,-1} \big[ \widetilde{\mu} \,, \; \mathsf{m}_{\widetilde{d}}^{\text{r}} \big] \; + \; \tfrac{1}{8} \; g_2 \; s_\gamma \; \overline{y_d}^{\text{pr}} \; y_d^{\text{ilr}} \; y_u^{\text{pi2}} \; \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \,, \; \mathsf{m}_{\widetilde{d}}^{\text{-r}} \big] \; - \; \mathsf{m}_{\widetilde{d}}^{\text{pr}} \big[ \mathsf{m}_{\widetilde{d}}^{\text{pr}} \big] \; + \; \mathsf{m}_{\widetilde{d}}^{\text{pr}} \big[ \mathsf{m}_{\widetilde{d}}^
                                                                                                                                                                                          \mathsf{g}_2 \, \mathsf{s}_\gamma \, \overline{\mathsf{y}_\mathsf{u}}^\mathsf{pr} \, \mathsf{y}_\mathsf{u}^{\,\mathsf{pi}2} \, \mathsf{y}_\mathsf{u}^{\,\mathsf{ilr}} \, \mathsf{LF}_{3,1,-1} \big[ \widetilde{\mu} \,,\, \mathsf{m}_{\widetilde{\mathsf{u}}}^{\,\mathsf{r}} \big] \, + \, \frac{1}{8} \, \mathsf{g}_2 \, \mathsf{s}_\gamma \, \overline{\mathsf{y}_\mathsf{u}}^\mathsf{pr} \, \mathsf{y}_\mathsf{u}^{\,\mathsf{pi}2} \, \mathsf{y}_\mathsf{u}^{\,\mathsf{ilr}} \, \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \,,\, \mathsf{m}_{\widetilde{\mathsf{u}}}^{\,\mathsf{r}} \big] \, + \, \frac{1}{8} \, \mathsf{g}_3 \, \mathsf{s}_\gamma \, \overline{\mathsf{y}_\mathsf{u}}^\mathsf{pr} \, \mathsf{y}_\mathsf{u}^{\,\mathsf{pi}2} \, \mathsf{y}_\mathsf{u}^{\,\mathsf{ilr}} \, \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \,,\, \mathsf{m}_{\widetilde{\mathsf{u}}}^{\,\mathsf{r}} \big] \, + \, \frac{1}{8} \, \mathsf{g}_3 \, \mathsf{s}_\gamma \, \overline{\mathsf{y}_\mathsf{u}}^\mathsf{pr} \, \mathsf{y}_\mathsf{u}^{\,\mathsf{pi}2} \, \mathsf{u}^{\,\mathsf{pi}2} \, \mathsf{y}_\mathsf{u}^{\,\mathsf{pi}2} \, \mathsf{u}^{\,\mathsf{pi}2}
                                                                                                                                                                                                                 g_2 \; m_1 \; g_1^{\; 2} \; \left( - \, s_{\curlyvee} \; a_u^{\; \text{ili2}} + \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \right) \; \mathsf{LF}_{2,\text{l,1,0}} \! \left[ \, m_1 \, , \; m_{\tilde{q}}^{\; \text{il}} \, , \; m_{\tilde{u}}^{\; \text{il}} \, \right] \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \right] \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\curlyvee} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\mathclap} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\thickspace} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; 
                                                                                                                                                                                                            g_2 \; m_1 \; g_1^{\; 2} \; \left( - \, s_{\scriptscriptstyle \Upsilon} \; a_u^{\; \text{ili2}} \, + \, \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \right) \; \mathsf{LF}_{2,2,1,-1} \big[ \, m_1 \, , \; m_{\tilde{q}}^{\; \text{il}} \, , \; m_{\tilde{u}}^{\; \text{il}} \, \big] \; + \\
                                                                                                                                               \frac{1}{24} \; g_2 \; m_1 \; \widetilde{\mu} \; c_{\gamma} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{2,1,1,0} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_2 \; s_{\gamma} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_2 \; s_{\gamma} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_2 \; s_{\gamma} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_2 \; s_{\gamma} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_2 \; s_{\gamma} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_2 \; s_{\gamma} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_2 \; s_{\gamma} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_2 \; s_{\gamma} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_2 \; s_{\gamma} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; \widetilde{\mu} \, \right] - \frac{1}{24} \; g_1^{\; 2} \; y_u^{\; i1i2} \; \mathsf{LF}_{3,1,1,1,-2} \left[ m_1 \,, \; m_{\tilde{q}}^{\; i1} \,, \; 
                                                                                                                                                    \frac{1}{24} \; \mathbf{g_2} \; \mathbf{m_1} \; \widetilde{\boldsymbol{\mu}} \; \mathbf{c_{\gamma}} \; \mathbf{g_1}^2 \; \mathbf{y_u}^{\text{ili2}} \; \mathsf{LF_{3,1,1,-1}} \big[ \, \mathbf{m_1} \, , \; \mathbf{m_{\tilde{q}}}^{\text{il}} \, , \; \widetilde{\boldsymbol{\mu}} \, \big] \; + \; \frac{1}{72} \; \mathbf{g_2} \; \mathbf{m_1} \; \mathbf{g_1}^2 \; \left( \, \mathbf{s_{\gamma}} \; \mathbf{a_u}^{\text{ili2}} \, - \, \widetilde{\boldsymbol{\mu}} \; \mathbf{c_{\gamma}} \; \mathbf{y_u}^{\text{ili2}} \, \right) \; + \; \frac{1}{72} \; \mathbf{g_2} \; \mathbf{m_1} \; \mathbf{g_1}^2 \; \left( \, \mathbf{s_{\gamma}} \; \mathbf{a_u}^{\text{ili2}} \, - \, \widetilde{\boldsymbol{\mu}} \; \mathbf{c_{\gamma}} \; \mathbf{y_u}^{\text{ili2}} \, \right) \; + \; \frac{1}{72} \; \mathbf{g_2} \; \mathbf{m_1} \; \mathbf{g_1}^2 \; \left( \, \mathbf{s_{\gamma}} \; \mathbf{a_u}^{\text{ili2}} \, - \, \widetilde{\boldsymbol{\mu}} \; \mathbf{c_{\gamma}} \; \mathbf{y_u}^{\text{ili2}} \, \right) \; + \; \frac{1}{72} \; \mathbf{g_2} \; \mathbf{m_1} \; \mathbf{g_1}^2 \; \left( \, \mathbf{s_{\gamma}} \; \mathbf{a_u}^{\text{ili2}} \, - \, \widetilde{\boldsymbol{\mu}} \; \mathbf{c_{\gamma}} \; \mathbf{y_u}^{\text{ili2}} \, \right) \; + \; \frac{1}{72} \; \mathbf{g_2} \; \mathbf{m_1} \; \mathbf{g_2}^2 \; \mathbf{m_2} \; \mathbf{g_2}^2 \; \mathbf{m_2} \; \mathbf{g_2}^2 \; \mathbf{m_2}^2 \; \mathbf{g_2}^2 \; \mathbf{m_2}^2 \; \mathbf{g_2}^2 \; \mathbf{g_2
                                                                                                                                                                           \mathsf{LF_{2,2,1,-1}}\big[\,\mathsf{m_{1}}\,,\,\,\mathsf{m_{\tilde{u}}}^{\,\,\text{i}\,2}\,,\,\,\mathsf{m_{\tilde{q}}}^{\,\,\text{i}\,1}\,\big]\,-\,\frac{1}{48}\,\,\mathsf{g_{2}}\,\,\mathsf{s_{Y}}\,\,\mathsf{g_{1}}^{2}\,\,\mathsf{y_{u}}^{\,\,\text{i}\,1\,i}^{\,\,2}\,\,\mathsf{LF_{2,2,1,-2}}\big[\,\mathsf{m_{1}}\,,\,\,\widetilde{\mu}\,,\,\,\mathsf{m_{\tilde{q}}}^{\,\,\text{i}\,1}\,\big]\,-\,\frac{1}{48}\,\,\mathsf{g_{2}}\,\,\mathsf{s_{Y}}\,\,\mathsf{g_{1}}^{2}\,\,\mathsf{y_{u}}^{\,\,\text{i}\,1\,i}^{\,\,2}\,\,\mathsf{LF_{2,2,1,-2}}\big[\,\mathsf{m_{1}}\,,\,\,\widetilde{\mu}\,,\,\,\mathsf{m_{\tilde{q}}}^{\,\,\text{i}\,1}\,\big]\,-\,\mathsf{m_{1}}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{\,\,\text{i}\,1}\,\,\mathsf{m_{2}}^{
                                                                                                                                                                                                            g_2 \, m_1 \, \tilde{\mu} \, c_{\gamma} \, g_1^{\, 2} \, y_u^{\, i \, 1 \, i \, 2} \, \mathsf{LF}_{2, 2, 1, -1} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{q}}^{\, i \, 1} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, y_u^{\, i \, 1 \, i \, 2} \, \mathsf{LF}_{2, 2, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, i \, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, y_u^{\, i \, 1 \, i \, 2} \, \mathsf{LF}_{2, 2, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, i \, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, y_u^{\, i \, 1 \, i \, 2} \, \mathsf{LF}_{2, 2, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, i \, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, y_u^{\, i \, 1 \, i \, 2} \, \mathsf{LF}_{2, 2, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, i \, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, y_u^{\, i \, 1 \, i \, 2} \, \mathsf{LF}_{2, 2, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, i \, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, y_u^{\, i \, 1 \, i \, 2} \, \mathsf{LF}_{2, 2, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, i \, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, y_u^{\, i \, 1 \, i \, 2} \, \mathsf{LF}_{2, 2, 1, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, i \, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, y_u^{\, i \, 1 \, i \, 2} \, \mathsf{LF}_{2, 2, 1, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, i \, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, y_u^{\, i \, 1 \, i \, 2} \, \mathsf{LF}_{2, 2, 1, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, i \, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, y_u^{\, i \, 1 \, 1 \, 2} \, \mathsf{LF}_{2, 2, 1, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, i \, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, y_u^{\, i \, 1 \, 2} \, \mathsf{LF}_{2, 2, 1, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, i \, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, \mathsf{LF}_{2, 2, 1, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, i \, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, \mathsf{LF}_{2, 2, 1, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, \mathsf{LF}_{2, 2, 1, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, \mathsf{LF}_{2, 2, 1, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, 2} \big] \, + \, \frac{1}{12} \, g_2 \, s_{\gamma} \, g_1^{\, 2} \, \mathsf{LF}_{2, 2, 1, 1, -2} \big[ m_1, \, \tilde{\mu}, \, m_{\tilde{u}}^{\, 2} \big]
                                                                                                                                               \frac{1}{12} \; g_2 \; m_1 \; \widetilde{\mu} \; c_{\gamma} \; g_1^{\; 2} \; y_u^{\; i\, 1\, i\, 2} \; \mathsf{LF}_{2,2,1,-1} \big[ \; m_1 \; , \; \widetilde{\mu} \; , \; m_{\check{u}}^{\; \dot{i}\, 2} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,0} \big[ \; m_2 \; , \; m_{\check{q}}^{\; \dot{i}\, 1} \; , \; \widetilde{\mu} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,0} \big[ \; m_2 \; , \; m_{\check{q}}^{\; \dot{i}\, 1} \; , \; \widetilde{\mu} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,0} \big[ \; m_2 \; , \; m_{\check{q}}^{\; \dot{i}\, 1} \; , \; \widetilde{\mu} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,0} \big[ \; m_2 \; , \; m_{\check{q}}^{\; \dot{i}\, 1} \; , \; \widetilde{\mu} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,0} \big[ \; m_2 \; , \; m_{\check{q}}^{\; \dot{i}\, 1} \; , \; \widetilde{\mu} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,0} \big[ \; m_2 \; , \; m_{\check{q}}^{\; \dot{i}\, 1} \; , \; \widetilde{\mu} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,0} \big[ \; m_2 \; , \; m_{\check{q}}^{\; \dot{i}\, 1} \; , \; \widetilde{\mu} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,0} \big[ \; m_2 \; , \; m_{\check{q}}^{\; \dot{i}\, 1} \; , \; \widetilde{\mu} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,0} \big[ \; m_2 \; , \; m_{\check{q}}^{\; \dot{i}\, 1} \; , \; \widetilde{\mu} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,0} \big[ \; m_2 \; , \; m_{\check{q}}^{\; \dot{i}\, 1} \; , \; \widetilde{\mu} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,0} \big[ \; m_2 \; , \; m_{\check{q}}^{\; \dot{i}\, 1} \; , \; \widetilde{\mu} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,0} \big[ \; m_2 \; , \; m_{\check{q}}^{\; \dot{i}\, 1} \; , \; \widetilde{\mu} \, \big] \; - \; \frac{1}{8} \; s_{\gamma} \; g_2^{\; 3} \; y_u^{\; i\, 1\, \dot{i}\, 2} \; \mathsf{LF}_{1,1,1,1} \big[ \; m_1 \; , \; m_1 \; , \; m_2 \; , \; m_2 \; , \; m_2 \; , \; m_3 \; ,
                                                                                                                                                                                     \mathsf{s}_{\gamma}\,\mathsf{g_2}^3\,\mathsf{y_u}^{\text{ili2}}\,\mathsf{LF_{2,1,1,-1}}\big[\mathsf{m}_2\,,\,\mathsf{m}_{\tilde{\mathsf{q}}}^{\text{il}}\,,\,\tilde{\mu}\big]\,+\,\frac{1}{8}\,\mathsf{m}_2\,\tilde{\mu}\,\mathsf{c}_{\gamma}\,\mathsf{g_2}^3\,\mathsf{y_u}^{\text{ili2}}\,\mathsf{LF_{2,1,1,0}}\big[\mathsf{m}_2\,,\,\mathsf{m}_{\tilde{\mathsf{q}}}^{\text{il}}\,,\,\tilde{\mu}\big]\,+\,\frac{1}{8}\,\mathsf{m}_2\,\tilde{\mu}\,\mathsf{c}_{\gamma}\,\mathsf{g_2}^3\,\mathsf{y_u}^{\text{ili2}}\,\mathsf{LF_{2,1,1,0}}\big[\mathsf{m}_2\,,\,\mathsf{m}_{\tilde{\mathsf{q}}}^{\text{il}}\,,\,\tilde{\mu}\big]\,+\,\frac{1}{8}\,\mathsf{m}_2\,\tilde{\mu}\,\mathsf{c}_{\gamma}\,\mathsf{g_2}^3\,\mathsf{g_1}^{\text{ili2}}\,\mathsf{LF_{2,1,1,0}}\big[\mathsf{m}_2\,,\,\mathsf{m}_{\tilde{\mathsf{q}}}^{\text{il}}\,,\,\tilde{\mu}\big]\,+\,\frac{1}{8}\,\mathsf{m}_2\,\tilde{\mu}\,\mathsf{c}_{\gamma}\,\mathsf{g_2}^3\,\mathsf{g_1}^{\text{ili2}}\,\mathsf{LF_{2,1,1,0}}\big[\mathsf{m}_2\,,\,\mathsf{m}_{\tilde{\mathsf{q}}}^{\text{il}}\,,\,\tilde{\mu}\big]\,+\,\frac{1}{8}\,\mathsf{m}_2\,\tilde{\mu}\,\mathsf{c}_{\gamma}\,\mathsf{g_2}^3\,\mathsf{g_1}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2}^{\text{ili2}}\,\mathsf{g_2
                                                                                                                                                                                              s_{\gamma} \; g_{2}{}^{3} \; y_{u}{}^{\text{ili2}} \; \mathsf{LF}_{3,1,1,-2} \big[ \mathsf{m}_{2} \,, \; \mathsf{m}_{\tilde{q}}{}^{\text{il}} \,, \; \tilde{\mu} \big] \; + \; \frac{3}{8} \; \mathsf{m}_{2} \; \tilde{\mu} \; c_{\gamma} \; g_{2}{}^{3} \; y_{u}{}^{\text{ili2}} \; \mathsf{LF}_{3,1,1,-1} \big[ \mathsf{m}_{2} \,, \; \mathsf{m}_{\tilde{q}}{}^{\text{il}} \,, \; \tilde{\mu} \big] \; + \; \frac{3}{8} \; \mathsf{m}_{2} \; \tilde{\mu} \; c_{\gamma} \; g_{2}{}^{3} \; y_{u}{}^{\text{ili2}} \; \mathsf{LF}_{3,1,1,-1} \big[ \mathsf{m}_{2} \,, \; \mathsf{m}_{\tilde{q}}{}^{\text{il}} \,, \; \tilde{\mu} \big] \; + \; \frac{3}{8} \; \mathsf{m}_{2} \; \tilde{\mu} \; c_{\gamma} \; g_{2}{}^{3} \; y_{u}{}^{\text{ili2}} \; \mathsf{LF}_{3,1,1,-1} \big[ \mathsf{m}_{2} \,, \; \mathsf{m}_{\tilde{q}}{}^{\text{il}} \,, \; \tilde{\mu} \big] \; + \; \frac{3}{8} \; \mathsf{m}_{2} \; \tilde{\mu} \; c_{\gamma} \; g_{2}{}^{3} \; y_{u}{}^{\text{ili2}} \; \mathsf{LF}_{3,1,1,-1} \big[ \mathsf{m}_{2} \,, \; \mathsf{m}_{\tilde{q}}{}^{\text{il}} \,, \; \tilde{\mu} \big] \; + \; \frac{3}{8} \; \mathsf{m}_{2} \; \tilde{\mu} \; c_{\gamma} \; g_{2}{}^{3} \; y_{u}{}^{\text{ili2}} \; \mathsf{LF}_{3,1,1,-1} \big[ \mathsf{m}_{2} \,, \; \mathsf{m}_{\tilde{q}}{}^{\text{il}} \,, \; \tilde{\mu} \big] \; + \; \frac{3}{8} \; \mathsf{m}_{2} \; \tilde{\mu} \; c_{\gamma} \; g_{2}{}^{3} \; y_{u}{}^{\text{ili2}} \; \mathsf{LF}_{3,1,1,-1} \big[ \mathsf{m}_{2} \,, \; \mathsf{m}_{\tilde{q}}{}^{\text{il}} \,, \; \tilde{\mu} \big] \; + \; \frac{3}{8} \; \mathsf{m}_{2} \; \tilde{\mu} \; c_{\gamma} \; g_{2}{}^{3} \; y_{u}{}^{\text{ili2}} \; \mathsf{LF}_{3,1,1,-1} \big[ \mathsf{m}_{2} \,, \; \mathsf{m}_{\tilde{q}} \; \mathsf{m}_{2} \; \mathsf{m}
                                                                                                                                                         g_2 \; m_3 \; g_3^{\; 2} \; \left( - \, s_{\scriptscriptstyle \Upsilon} \; a_u^{\; \text{ili2}} + \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \right) \; \mathsf{LF}_{2,\text{l,1,0}} \! \left[ \, m_3 \, , \; m_{\bar{q}}^{\; \text{il}} \, , \; m_{\bar{u}}^{\; \text{il}} \, \right] \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \right] \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; y_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; x_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; x_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; x_u^{\; \text{ili2}} \; + \; \widetilde{\mu} \; c_{\scriptscriptstyle \Upsilon} \; x_u
                                                                                                                                                                                          {\rm g_2} \; {\rm m_3} \; {\rm g_3}^2 \; \left( - \, {\rm s_{\gamma}} \; a_u^{\; \text{i1i2}} \, + \, \widetilde{\mu} \; c_{\gamma} \; {\rm y_u}^{\; \text{i1i2}} \right) \; LF_{2,2,1,-1} \big[ \, {\rm m_3} \, , \; {\rm m_{\widetilde{q}}}^{\; \cdot} \,
                                                                                                                                                                                                   {\rm g_2} \; {\rm m_3} \; {\rm g_3}^2 \; \left( {\rm s_{_Y}} \; {\rm a_u}^{\rm ili2} - \widetilde{\mu} \; {\rm c_{_Y}} \; {\rm y_u}^{\rm ili2} \right) \; {\rm LF_{3,1,1,_1,_1}} \left[ \, {\rm m_3} \, , \; {\rm m_{\tilde{q}}}^{\rm il} \, , \; {\rm m_{\tilde{u}}}^{\rm il} \, \right] \; + \\
                                                                                                                                                                                              {\rm g_2} \; {\rm m_3} \; {\rm g_3}^2 \; \left( {\rm s_{_Y}} \; {\rm a_u}^{\rm ili2} - \tilde{\mu} \; {\rm c_{_Y}} \; {\rm y_u}^{\rm ili2} \right) \; {\rm LF_{2,2,1,-1}} \big[ \, {\rm m_3} \, , \; {\rm m_{\tilde{u}}}^{\rm i2} \, , \; {\rm m_{\tilde{q}}}^{\rm il} \, \big] \; + \\
                                                                                                                                                                                                                 g_2 \; \widetilde{\mu} \; y_d^{\; \text{ilr}} \; y_u^{\; \text{pi2}} \; \left( c_{\gamma} \; \overline{a_d}^{pr} - s_{\gamma} \; \widetilde{\mu} \; \overline{y_d}^{pr} \right) \; \mathsf{LF}_{2,2,1,-1} \! \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\bar{q}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\bar{q}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\bar{q}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\bar{q}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\bar{q}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\bar{q}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\bar{q}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\bar{q}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\bar{q}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\bar{q}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\bar{d}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \mathsf{m}_{\bar{d}}^{\; p} \, , \; \mathsf{m}_{\bar{d}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \mathsf{m}_{\bar{d}}^{\; p} \, , \; \mathsf{m}_{\bar{d}}^{\; p} \, , \; \mathsf{m}_{\bar{d}}^{\; p} \, \right] \; + \; \mathsf{I}_{2,2,1,-1} \left[ \, \mathsf{m}_{\bar{d}}^{\; r} \, , \; \mathsf{m}_{\bar{d}}^{\; p} \, , \; \mathsf{m}_{\bar{d}}^{\; p}
                                                                                                                                                                                                                 g_2 \; \widetilde{\mu} \; y_d^{\;\text{ilr}} \; y_u^{\;\text{pi2}} \; \left( - \, c_\gamma \; \overline{a_d}^{pr} + \, s_\gamma \; \widetilde{\mu} \; \overline{y_d}^{pr} \right) \; \mathsf{LF}_{2,2,1,-1} \big[ \, \mathfrak{m}_{\bar{q}}^{\;\;p} \, , \; \widetilde{\mu} \, , \; \mathfrak{m}_{\bar{d}}^{\;\;r} \, \big] \; + \\
                                                                                                                                                    \frac{1}{24} \; \mathsf{g_2} \; \mathsf{s_{\gamma}} \; \mathsf{g_1}^2 \; \mathsf{y_u}^{\mathsf{ili2}} \; \mathsf{LF_{2,1,1,-1}} \big[ \widetilde{\mu}, \; \mathsf{m_1}, \; \mathsf{m_{\tilde{q}}}^{\mathsf{il}} \big] \; + \; \frac{1}{24} \; \mathsf{g_2} \; \mathsf{m_1} \; \widetilde{\mu} \; \mathsf{c_{\gamma}} \; \mathsf{g_1}^2 \; \mathsf{y_u}^{\mathsf{ili2}} \; \mathsf{LF_{2,1,1,0}} \big[ \widetilde{\mu}, \; \mathsf{m_1}, \; \mathsf{m_{\tilde{q}}}^{\mathsf{il}} \big] \; - \; \frac{1}{24} \; \mathsf{g_2} \; \mathsf{m_1} \; \widetilde{\mu} \; \mathsf{c_{\gamma}} \; \mathsf{g_1}^2 \; \mathsf{y_u}^{\mathsf{ili2}} \; \mathsf{LF_{2,1,1,0}} \big[ \widetilde{\mu}, \; \mathsf{m_1}, \; \mathsf{m_{\tilde{q}}}^{\mathsf{il}} \big] \; - \; \frac{1}{24} \; \mathsf{g_2} \; \mathsf{m_1} \; \widetilde{\mu} \; \mathsf{c_{\gamma}} \; \mathsf{g_1}^2 \; \mathsf{y_u}^{\mathsf{ili2}} \; \mathsf{LF_{2,1,1,0}} \big[ \widetilde{\mu}, \; \mathsf{m_1}, \; \mathsf{m_{\tilde{q}}}^{\mathsf{il}} \big] \; - \; \frac{1}{24} \; \mathsf{g_2} \; \mathsf{m_1} \; \widetilde{\mu} \; \mathsf{c_{\gamma}} \; \mathsf{g_1}^2 \; \mathsf{g_2} \; \mathsf{g_3}^2 \; \mathsf
                                                                                                                                                                                          g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{2,1,1,-1} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] + \frac{1}{6} g_2 s_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_1, m_2] + \frac{1}{6} g_2 g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_2] + \frac{1}{6} g_2 g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_2] + \frac{1}{6} g_2 g_1^2 y_u^2 g_1^2 y_u^{i1i2} LF_{3,1,1,-2} [\tilde{\mu}, m_1, m_2] + \frac{1}{6} g_2 g_1^2 y_u^2 g_1^2 y_u^2
                                                                                                                                                                                              g_2 m_1 \tilde{\mu} c_{\gamma} g_1^2 y_u^{i1i2} LF_{3,1,1,-1} [\tilde{\mu}, m_1, m_{\tilde{u}}^{i2}] +
                                                                                                                                                                                              \mathsf{s_{\gamma}} \ \mathsf{g_2}^3 \ \mathsf{y_u}^{\mathtt{ili2}} \ \mathsf{LF_{2,1,1,-1}} \big[ \widetilde{\mu} \ , \ \mathsf{m_2} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \tfrac{1}{8} \ \mathsf{m_2} \ \widetilde{\mu} \ \mathsf{c_{\gamma}} \ \mathsf{g_2}^3 \ \mathsf{y_u}^{\mathtt{ili2}} \ \mathsf{LF_{2,1,1,0}} \big[ \widetilde{\mu} \ , \ \mathsf{m_2} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ \mathsf{m_{\tilde{q}}}^{\mathtt{il}} \big] \ + \ \mathtt{h_{\tilde{q}}}^{\mathtt{il}} \big[ \mathsf{m_{\tilde{q}}} \ , \ 
                                                                                                                                                                                              \mathbf{g_2}\;\widetilde{\boldsymbol{\mu}}\;\mathbf{y_d}^{\text{ilr}}\;\mathbf{y_u}^{\text{pi2}}\;\left(-\,\mathbf{c_{\scriptscriptstyle Y}}\;\overline{\mathbf{a_d}}^{\text{pr}}+\,\mathbf{s_{\scriptscriptstyle Y}}\;\widetilde{\boldsymbol{\mu}}\;\overline{\mathbf{y_d}}^{\text{pr}}\right)\;\mathsf{LF_{2,1,1,0}}\!\left[\,\widetilde{\boldsymbol{\mu}}\;,\;\boldsymbol{m_{\bar{d}}}^{\text{r}}\;,\;\boldsymbol{m_{\bar{q}}}^{\text{p}}\,\right]\;+
                                                                                                                                                                                          g_2 \; \widetilde{\mu} \; y_d^{\;\text{ilr}} \; y_u^{\;\text{pi2}} \; \left( - \, c_{\curlyvee} \; \overline{a_d}^{\text{pr}} + \, s_{\curlyvee} \; \widetilde{\mu} \; \overline{y_d}^{\text{pr}} \right) \; \mathsf{LF_{3,1,1,-1}} \left[ \, \widetilde{\mu} \, , \; m_{\bar{d}}^{\; -r} \, , \; m_{\bar{q}}^{\; -p} \, \right] \, \right)
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