```
\frac{2}{9} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{3,0} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}2} \, + \, \frac{5}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{4,-1} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}2} \, - \, \frac{8}{45} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}2} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}2} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, \mathsf{LF}_{5,-2} \left[ \, \mathsf{m}_{e}^{\, p} \, \right] \, \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \, - \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, + \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{4} \, + \, \frac{1}{12} \, + \, \frac{1}{12} \, \sum_{p} \, g_{1}{}^{\, p} \, + \, \frac{1}{12} \, + \, \frac{1}{1
                                                                                                                                                                    \frac{1}{9} \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{3,0} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; + \; \frac{5}{24} \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{4,-1} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{4}{45} \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l}}{}^{p} \right] \; \delta_{\mathsf{ili2}} \; - \; \frac{1}{2} \left[ \mathsf{m}_{\tilde{l
                                                                                                                                                                    \frac{1}{27} \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{3,0} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{2}} \; + \; \frac{5}{72} \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{4,-1} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{2}} \; - \; \frac{4}{135} \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{2}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{2}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{2}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{2}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{2}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{2}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{2}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{2}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{2}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{2}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{2}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}\dot{2}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{2} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}\dot{1}\dot{1}} \; - \; \frac{1}{12} \; \sum_{p} g_{1}{}^{2} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}}{}^{p} \right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; - \; \frac{1}{12} \; \sum_{p} g_{1} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}} \right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; - \; \frac{1}{12} \; \sum_{p} g_{1} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{q}} \; \mathsf{LF}_{5,-2} \right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; \delta_{\dot{1}\dot{1}\dot{1}} \; + \; \frac{1}{12} \; \sum_{p} g_{1} \; \mathsf{LF}_{5,-2} \; \delta_{\dot{1}\dot{1}} \; + \; \frac{1}{12} \; \delta_{\dot
                                                                                                                                                                    \frac{8}{27} \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{3,0} \left[ \mathsf{m}_{\bar{\mathsf{u}}}{}^{p} \right] \; \delta_{\mathtt{ili}2} + \frac{5}{9} \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{4,-1} \left[ \mathsf{m}_{\bar{\mathsf{u}}}{}^{p} \right] \; \delta_{\mathtt{ili}2} - \frac{32}{135} \sum_{p} g_{1}{}^{4} \; \mathsf{LF}_{5,-2} \left[ \mathsf{m}_{\bar{\mathsf{u}}}{}^{p} \right] \; \delta_{\mathtt{ili}2} + \frac{1}{9} \left[ \mathsf{m}_{\bar{\mathsf{u}}}{}^{p} \right] \; \delta_{\mathtt{ili}2} + \frac{1}
                                                                                                                                                                                                               s_{\gamma}^{2} \overline{y_{e}}^{pi1} \left( g_{1}^{2} y_{e}^{pi2} + 3 c_{\gamma}^{2} \overline{y_{e}}^{rs} y_{e}^{ps} y_{e}^{ri2} \right) LF_{1,2}[m_{\Phi}] + \frac{1}{12} g_{1}^{2} s_{\gamma}^{2} \overline{y_{e}}^{pi1} y_{e}^{pi2} LF_{2,1}[m_{\Phi}] - \frac{1}{12} g_{1}^{2} s_{\gamma}^{2} \overline{y_{e}}^{pi2} y_{e}^{pi2} y_{e}^{pi2} x_{e}^{pi2} LF_{2,1}[m_{\Phi}] - \frac{1}{12} g_{1}^{2} s_{\gamma}^{2} \overline{y_{e}}^{pi2} y_{e}^{pi2} y_{e}^{pi2} x_{e}^{pi2} y_{e}^{pi2} 
                                                                                                                                                                    \frac{1}{36}~g_{1}^{2}~\left(3~s_{\gamma}^{2}~\overline{y_{e}}^{\text{pil}}~y_{e}^{\text{pil}}~+~4~g_{1}^{2}~\delta_{\text{ili2}}\right)~\mathsf{LF}_{3,\theta}\left[\,\mathsf{m}_{\scriptscriptstyle{\oplus}}\,\right]~+~\frac{5}{24}~g_{1}^{4}~\mathsf{LF}_{4,-1}\left[\,\mathsf{m}_{\scriptscriptstyle{\oplus}}\,\right]~\delta_{\text{ili2}}~-~2.
                                                                                                                                                                    \frac{4}{45} \ {\rm g_1}^4 \ {\rm LF_{5,-2}} \ [{\rm m_{\scriptscriptstyle \oplus}}] \ \delta_{\rm ili2} - \frac{1}{9} \ {\rm g_1}^4 \ {\rm LF_{3,0}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} - \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm LF_{4,-1}} \ [\widetilde{\mu}] \ \delta_{\rm ili2} + \frac{1}{6} \ {\rm g_1}^4 \ {\rm g_1}^4 \ {\rm g_1} \ {\rm g_1}^4 \ {
                                                                                                                                                                    \frac{8}{45} \; g_{1}^{\; 4} \; \mathsf{LF}_{5,-2} \left[ \, \widetilde{\mu} \, \right] \; \delta_{\mathsf{1112}} - \frac{1}{6} \; g_{1}^{\; 4} \; \mathsf{LF}_{2,1,0} \left[ \, \mathsf{m}_{1} \, , \, \, \mathsf{m}_{\tilde{\mathsf{e}}}^{\; \dot{1}} \, \right] \; \delta_{\mathsf{1112}} - \frac{1}{6} \; g_{1}^{\; 4} \; \mathsf{LF}_{2,2,-1} \left[ \, \mathsf{m}_{1} \, , \, \, \mathsf{m}_{\tilde{\mathsf{e}}}^{\; \dot{1}} \, \right] \; \delta_{\mathsf{1112}} + \frac{1}{6} \; g_{1}^{\; 4} \; \mathsf{LF}_{2,2,-1} \left[ \, \mathsf{m}_{1} \, , \, \, \, \mathsf{m}_{\tilde{\mathsf{e}}}^{\; \dot{1}} \, \right] \; \delta_{\mathsf{1112}} + \frac{1}{6} \; g_{1}^{\; 4} \; \mathsf{LF}_{2,2,-1} \left[ \, \mathsf{m}_{1} \, , \, \, \, \, \, \, \, \mathsf{m}_{\tilde{\mathsf{e}}}^{\; \dot{1}} \, \right] \; \delta_{\mathsf{1112}} + \frac{1}{6} \; g_{1}^{\; 4} \; \mathsf{LF}_{\mathsf{1112}} + \frac{1}{6} \; \mathsf{LF
                                                                                                                                                                                                               \mathbf{g_{1}}^{4}\;\mathsf{LF_{3,1,-1}}\big[\,\mathbf{m_{1}}\,,\,\mathbf{m_{\tilde{e}}}^{\text{i}\,2}\,\big]\;\,\delta_{\text{ili2}}\,-\,\frac{1}{6}\;\,\mathbf{g_{1}}^{4}\;\mathsf{LF_{4,1,-2}}\big[\,\mathbf{m_{1}}\,,\,\mathbf{m_{\tilde{e}}}^{\text{i}\,2}\,\big]\;\,\delta_{\text{ili2}}\,-\,
                                                                                                                                                                    \frac{1}{4} \; g_1{}^2 \; c_{\gamma}{}^2 \; \overline{y_e}{}^{\text{pil}} \; y_e{}^{\text{pi2}} \; \mathsf{LF}_{2,1,\theta} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{l}}{}^{\text{p}} \big] \; + \\ \frac{1}{2} \; g_1{}^2 \; c_{\gamma}{}^2 \; \overline{y_e}{}^{\text{pi1}} \; y_e{}^{\text{pi2}} \; \mathsf{LF}_{3,1,-1} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{l}}{}^{\text{p}} \big] \; - \\ \frac{1}{2} \; g_1{}^2 \; c_{\gamma}{}^2 \; \overline{y_e}{}^{\text{pi1}} \; y_e{}^{\text{pi2}} \; \mathsf{LF}_{3,1,-1} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{l}}{}^{\text{p}} \big] \; - \\ \frac{1}{2} \; g_1{}^2 \; c_{\gamma}{}^2 \; \overline{y_e}{}^{\text{pi1}} \; y_e{}^{\text{pi2}} \; \mathsf{LF}_{3,1,-1} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{l}}{}^{\text{p}} \big] \; - \\ \frac{1}{2} \; g_1{}^2 \; c_{\gamma}{}^2 \; \overline{y_e}{}^{\text{pi1}} \; y_e{}^{\text{pi2}} \; \mathsf{LF}_{3,1,-1} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{l}}{}^{\text{p}} \big] \; - \\ \frac{1}{2} \; g_1{}^2 \; c_{\gamma}{}^2 \; \overline{y_e}{}^{\text{pi1}} \; y_e{}^{\text{pi2}} \; \mathsf{LF}_{3,1,-1} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{l}}{}^{\text{p}} \big] \; - \\ \frac{1}{2} \; g_1{}^2 \; c_{\gamma}{}^2 \; \overline{y_e}{}^{\text{pi1}} \; y_e{}^{\text{pi2}} \; \mathsf{LF}_{3,1,-1} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{l}}{}^{\text{p}} \big] \; - \\ \frac{1}{2} \; g_1{}^2 \; c_{\gamma}{}^2 \; \overline{y_e}{}^{\text{pi1}} \; y_e{}^{\text{pi2}} \; \mathsf{LF}_{3,1,-1} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{l}}{}^{\text{p}} \big] \; - \\ \frac{1}{2} \; g_1{}^2 \; c_{\gamma}{}^2 \; \overline{y_e}{}^{\text{pi2}} \; y_e{}^{\text{pi2}} \; \mathsf{LF}_{3,1,-1} \big[ \mathsf{m}_1, \; \mathsf{m}_{\tilde{l}}{}^{\text{p}} \big] \; - \\ \frac{1}{2} \; g_1{}^2 \; c_{\gamma}{}^2 \; \overline{y_e}{}^{\text{pi2}} \; y_e{}^{\text{pi2}} \; 
                                                                                                                                                                    \frac{1}{4} \ g_1^{\ 2} \ c_{\gamma}^{\ 2} \ \overline{y_e}^{\text{pil}} \ y_e^{\text{pi2}} \ \mathsf{LF_{4,1,-2}} \left[ \ \mathsf{m_1}, \ \mathsf{m_{\tilde{l}}}^{\text{p}} \right] \ - \ \frac{3}{4} \ g_2^{\ 2} \ c_{\gamma}^{\ 2} \ \overline{y_e}^{\text{pi1}} \ y_e^{\text{pi2}} \ \mathsf{LF_{2,1,0}} \left[ \ \mathsf{m_2}, \ \mathsf{m_{\tilde{l}}}^{\text{p}} \right] \ + \ \frac{3}{4} \ g_2^{\ 2} \ c_{\gamma}^{\ 2} \ \overline{y_e}^{\text{pi1}} \ y_e^{\text{pi2}} \ \mathsf{LF_{2,1,0}} \left[ \ \mathsf{m_2}, \ \mathsf{m_{\tilde{l}}}^{\text{p}} \right] \ + \ \frac{3}{4} \ g_2^{\ 2} \ c_{\gamma}^{\ 2} \ \overline{y_e}^{\text{pi1}} \ y_e^{\text{pi2}} \ \mathsf{LF_{2,1,0}} \left[ \ \mathsf{m_2}, \ \mathsf{m_{\tilde{l}}}^{\text{p}} \right] \ + \ \frac{3}{4} \ g_2^{\ 2} \ c_{\gamma}^{\ 2} \ \overline{y_e}^{\text{pi1}} \ y_e^{\text{pi2}} \ \mathsf{LF_{2,1,0}} \left[ \ \mathsf{m_2}, \ \mathsf{m_{\tilde{l}}}^{\text{p}} \right] \ + \ \frac{3}{4} \ g_2^{\ 2} \ c_{\gamma}^{\ 2} \ \overline{y_e}^{\text{pi1}} \ y_e^{\text{pi2}} \ \mathsf{LF_{2,1,0}} \left[ \ \mathsf{m_2}, \ \mathsf{m_{\tilde{l}}}^{\text{p}} \right] \ + \ \frac{3}{4} \ g_2^{\ 2} \ c_{\gamma}^{\ 2} \ \overline{y_e}^{\text{pi1}} \ y_e^{\text{pi2}} \ \mathsf{LF_{2,1,0}} \left[ \ \mathsf{m_2}, \ \mathsf{m_{\tilde{l}}}^{\text{p}} \right] \ + \ \frac{3}{4} \ \mathsf{m_{\tilde{l}}}^{\text{p}} \ \mathsf{l}^{\text{p}} \ \mathsf{l}^{\text{p}
                                                                                                                                                                                                         g_2{}^2\;c_{\gamma}{}^2\;\overline{y_e}{}^{\text{pil}}\;y_e{}^{\text{pil}}\;LF_{3,1,-1}\big[m_2\,,\,m_{\tilde{l}}{}^{\text{p}}\big]\;-\;\tfrac{3}{4}\;g_2{}^2\;c_{\gamma}{}^2\;\overline{y_e}{}^{\text{pil}}\;y_e{}^{\text{pil}}\;LF_{4,1,-2}\big[m_2\,,\,m_{\tilde{l}}{}^{\text{p}}\big]\;-\;\frac{3}{4}\;g_2{}^2\;c_{\gamma}{}^2\;\overline{y_e}{}^{\text{pil}}\;y_e{}^{\text{pil}}\;LF_{4,1,-2}\big[m_2\,,\,m_{\tilde{l}}{}^{\text{p}}\big]\;-\;\frac{3}{4}\;g_2{}^2\;c_{\gamma}{}^2\;\overline{y_e}{}^{\text{pil}}\;y_e{}^{\text{pil}}\;LF_{4,1,-2}\big[m_2\,,\,m_{\tilde{l}}{}^{\text{p}}\big]\;-\;\frac{3}{4}\;g_2{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{pil}}\;y_e{}^{\text{
                                                                                                                                                                                                                    \mathbf{g_1}^2 \; \left( \mathbf{c}_{\curlyvee} \; \overline{\mathbf{a_d}}^{\text{pr}} - \mathbf{s}_{\curlyvee} \; \widetilde{\boldsymbol{\mu}} \; \overline{\mathbf{y_d}}^{\text{pr}} \right) \; \left( \mathbf{c}_{\curlyvee} \; \mathbf{a_d}^{\text{pr}} - \mathbf{s}_{\curlyvee} \; \widetilde{\boldsymbol{\mu}} \; \mathbf{y_d}^{\text{pr}} \right) \; \mathsf{LF_{2,2,0}} \left[ \, \mathbf{m_{\tilde{d}}}^{\text{r}} \, , \; \mathbf{m_{\tilde{q}}}^{\text{p}} \, \right] \; \delta_{\text{ili2}} + \mathbf{m_{\tilde{d}}}^{\text{pr}} \; \delta_{\text{ili2}} + \mathbf{m_{\tilde{d}}}^{\text{pr}} \; \delta_{\text{ili2}} + \mathbf{m_{\tilde{d}}}^{\text{pr}} \, \right) \; \delta_{\text{ili2}} + \mathbf{m_{\tilde{d}}}^{\text{pr}} \; \delta_{\text{ili
                                                                                                                                                                    \frac{1}{6}~g_{1}^{2}~\left(c_{\gamma}~\overline{a_{d}}^{pr}-s_{\gamma}~\widetilde{\mu}~\overline{y_{d}}^{pr}\right)~\left(c_{\gamma}~a_{d}^{pr}-s_{\gamma}~\widetilde{\mu}~y_{d}^{pr}\right)~LF_{3,2,-1}\left[m_{\tilde{d}}^{-r},~m_{\tilde{q}}^{-p}\right]~\delta_{\text{ili2}}-\frac{1}{2}\left[m_{\tilde{d}}^{-r},~m_{\tilde{q}}^{-r}\right]
                                                                                                                                                                                                                    \mathbf{g_{1}}^{2} \; \left( \mathbf{c_{\gamma}} \; \overline{\mathbf{a_{e}}}^{\mathsf{pr}} - \mathbf{s_{\gamma}} \; \widetilde{\boldsymbol{\mu}} \; \overline{\mathbf{y_{e}}}^{\mathsf{pr}} \right) \; \left( \mathbf{c_{\gamma}} \; \mathbf{a_{e}}^{\mathsf{pr}} - \mathbf{s_{\gamma}} \; \widetilde{\boldsymbol{\mu}} \; \mathbf{y_{e}}^{\mathsf{pr}} \right) \; \mathsf{LF_{2,2,0}} \left[ \, \mathbf{m_{\tilde{e}}}^{\mathsf{r}} \, , \; \mathbf{m_{\tilde{l}}}^{\mathsf{p}} \, \right] \; \delta_{\mathsf{11i2}} + \frac{1}{2} \; \delta_{\mathsf{11i2}} \; \delta_{\mathsf{11i2}} + \frac{1}{2} \; \delta_{\mathsf{11i2}} \; \delta_{\mathsf{11i2}} + \frac{1}{2} \; \delta_{\mathsf{11i2}} + \frac{1}{2}
                                                                                                                                                                                                               g_{1}^{2} \left( c_{\gamma} \; \overline{a_{e}}^{\text{pr}} - s_{\gamma} \; \widetilde{\mu} \; \overline{y_{e}}^{\text{pr}} \right) \; \left( c_{\gamma} \; a_{e}^{\text{pr}} - s_{\gamma} \; \widetilde{\mu} \; y_{e}^{\text{pr}} \right) \; \text{LF}_{3,2,-1} \left[ \textit{m}_{\tilde{e}}^{\; r} \; , \; \textit{m}_{\tilde{l}}^{\; p} \right] \; \delta_{\text{ili2}} \; + \; \delta_{\text{
                                                                                                                                                                                                               g_1^4 LF_{2,1,0}[m_{\tilde{e}}^{i2}, m_1] \delta_{i1i2} - \frac{1}{6} g_1^4 LF_{3,1,-1}[m_{\tilde{e}}^{i2}, m_1] \delta_{i1i2} + \frac
                                                                                                                                                                    \frac{1}{3}\;{g_{1}}^{2}\;\left(c_{\gamma}\;\overline{a_{e}}^{pr}-s_{\gamma}\;\widetilde{\mu}\;\overline{y_{e}}^{pr}\right)\;\left(c_{\gamma}\;a_{e}^{pr}-s_{\gamma}\;\widetilde{\mu}\;y_{e}^{pr}\right)\;\mathsf{LF_{3,1,0}}\!\left[\mathsf{m_{\tilde{l}}}^{\mathsf{p}},\;\mathsf{m_{\tilde{e}}}^{\mathsf{r}}\right]\;\delta_{\mathsf{11i2}}+\frac{1}{3}\left(c_{\gamma}\;a_{e}^{\mathsf{pr}}-s_{\gamma}\;\widetilde{\mu}\;y_{e}^{\mathsf{pr}}\right)\;\mathsf{LF_{3,1,0}}\left[\mathsf{m_{\tilde{l}}}^{\mathsf{p}},\;\mathsf{m_{\tilde{e}}}^{\mathsf{r}}\right]\;\delta_{\mathsf{11i2}}+\frac{1}{3}\left(c_{\gamma}\;a_{e}^{\mathsf{pr}}-s_{\gamma}\;\widetilde{\mu}\;y_{e}^{\mathsf{pr}}\right)\;\delta_{\mathsf{11i2}}\right]
                                                                                                                                                               \frac{1}{3} \; {g_1}^2 \; \left( c_\gamma \; \overline{a_e}^{pr} - s_\gamma \, \widetilde{\mu} \; \overline{y_e}^{pr} \right) \; \left( c_\gamma \; a_e^{pr} - s_\gamma \, \widetilde{\mu} \; y_e^{pr} \right) \; LF_{3,2,-1} \left[ m_{\widetilde{l}}^{\; p} \, , \; m_{\widetilde{e}}^{\; r} \right] \; \delta_{\text{ili2}} - c_\gamma \, \widetilde{\mu} \; v_e^{pr} \; C_\gamma \; \widetilde{a_e}^{pr} \; \widetilde{a_
                                                                                                                                                                    \frac{3}{4}\;g_{1}^{\;2}\;\left(c_{\gamma}\;\overline{a_{e}}^{pr}-s_{\gamma}\;\widetilde{\mu}\;\overline{y_{e}}^{pr}\right)\;\left(c_{\gamma}\;a_{e}^{\;pr}-s_{\gamma}\;\widetilde{\mu}\;y_{e}^{\;pr}\right)\;\mathsf{LF_{4,1,-1}}\!\left[\mathsf{m_{\tilde{l}}}^{\;p},\;\mathsf{m_{\tilde{e}}}^{\;r}\right]\;\delta_{\texttt{ili2}}\;+
                                                                                                                                                                    \frac{1}{3} \ g_1^{\ 2} \ \left( c_{\gamma} \ \overline{a_e}^{pr} - s_{\gamma} \ \widetilde{\mu} \ \overline{y_e}^{pr} \right) \ \left( c_{\gamma} \ a_e^{pr} - s_{\gamma} \ \widetilde{\mu} \ y_e^{pr} \right) \ LF_{5,1,-2} \left[ m_{\tilde{l}}^{\ p}, \ m_{\tilde{e}}^{\ r} \right] \ \delta_{\text{11i2}} + c_{11i2} +
                                                                                                                                                                    \frac{1}{6} \; g_1{}^2 \; \overline{y_e}{}^{\text{pil}} \; y_e{}^{\text{pi2}} \; \mathsf{LF}_{2,1,0} \left[ \, \mathsf{m}_{\bar{l}}{}^{\text{p}} \, , \; \widetilde{\mu} \, \right] \; - \; \frac{1}{12} \; g_1{}^2 \; \overline{y_e}{}^{\text{pi1}} \; y_e{}^{\text{pi2}} \; \mathsf{LF}_{2,2,-1} \left[ \, \mathsf{m}_{\bar{l}}{}^{\text{p}} \, , \; \widetilde{\mu} \, \right] \; - \; \frac{1}{12} \; g_1{}^2 \; \overline{y_e}{}^{\text{pi1}} \; y_e{}^{\text{pi2}} \; - \; \frac{1}{12} \; g_1{}^2 \; \overline{y_e}{}^{\text{pi1}} \; y_e{}^{\text{pi2}} \; - \; \frac{1}{12} \; g_1{}^2 \; \overline{y_e}{}^{\text{pi3}} \; - \; \frac{1}{12} \; g_1{}^2 \; - \; \frac{1}{12} \; - \; \frac{1}{12} \; g_1{}^2 \; - \; \frac{1}{12} \;
                                                                                                                                                                                               \mathsf{LF_{3,1,-1}}\big[\mathsf{m}_{\bar{\mathsf{l}}}^{\mathsf{p}},\,\widetilde{\mu}\big] \,+\, \tfrac{1}{3}\; \mathsf{g_{1}}^{2}\; \left(c_{\curlyvee}\,\overline{\mathsf{a_{d}}}^{\mathsf{pr}}\,-\, \mathsf{s_{\curlyvee}}\,\widetilde{\mu}\,\overline{\mathsf{y_{d}}}^{\mathsf{pr}}\right) \; \left(c_{\curlyvee}\,\mathsf{a_{d}}^{\mathsf{pr}}\,-\, \mathsf{s_{\curlyvee}}\,\widetilde{\mu}\;\mathsf{y_{d}}^{\mathsf{pr}}\right) \; \mathsf{LF_{3,1,0}}\big[\,\mathsf{m}_{\bar{\mathsf{q}}}^{\mathsf{-p}},\,\mathsf{m}_{\bar{\mathsf{d}}}^{\mathsf{-r}}\big] \; \delta_{\mathsf{ili2}} \,+\, \mathsf{holds}^{\mathsf{pr}} +\, \mathsf{holds}^{\mathsf{pr}}
                                                                                                                                                                                                               g_{1}^{2}\left(c_{\gamma}\;\overline{a_{d}}^{pr}-s_{\gamma}\;\widetilde{\mu}\;\overline{y_{d}}^{pr}\right)\;\left(c_{\gamma}\;a_{d}^{pr}-s_{\gamma}\;\widetilde{\mu}\;y_{d}^{pr}\right)\;\mathsf{LF}_{3,2,-1}\!\left[\mathsf{m}_{\tilde{q}}^{\;p},\;\mathsf{m}_{\tilde{d}}^{\;r}\right]\;\delta_{\texttt{ili2}}-c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{ili2}}^{2}+c_{\mathsf{
                                                                                                                                                                                                         g_{1}^{2}\left(c_{\Upsilon}\,\overline{a_{d}}^{pr}-s_{\Upsilon}\,\widetilde{\mu}\,\overline{y_{d}}^{pr}\right)\,\left(c_{\Upsilon}\,a_{d}^{\,pr}-s_{\Upsilon}\,\widetilde{\mu}\,y_{d}^{\,pr}\right)\,\mathsf{LF}_{5,1,-2}\!\left[\mathsf{m}_{\tilde{q}}^{\,\,p}\,,\,\mathsf{m}_{\tilde{d}}^{\,\,r}\right]\,\delta_{\text{ili}2}+\left(c_{\Upsilon}^{\,\,p}\,a_{d}^{\,\,pr}-s_{\Upsilon}\,\widetilde{\mu}\,y_{d}^{\,\,pr}\right)\,\mathsf{LF}_{5,1,-2}\!\left[\mathsf{m}_{\tilde{q}}^{\,\,p}\,,\,\mathsf{m}_{\tilde{d}}^{\,\,r}\right]\,\delta_{\text{ili}2}+\left(c_{\Upsilon}^{\,\,p}\,a_{d}^{\,\,pr}-s_{\Upsilon}\,\widetilde{\mu}\,y_{d}^{\,\,pr}\right)\,\mathsf{LF}_{5,1,-2}\left[\mathsf{m}_{\tilde{q}}^{\,\,p}\,,\,\mathsf{m}_{\tilde{d}}^{\,\,r}\right]\,\delta_{\text{ili}2}+\left(c_{\Upsilon}^{\,\,p}\,a_{d}^{\,\,pr}-s_{\Upsilon}\,\widetilde{\mu}\,y_{d}^{\,\,pr}\right)\,\mathsf{LF}_{5,1,-2}\left[\mathsf{m}_{\tilde{q}}^{\,\,p}\,,\,\mathsf{m}_{\tilde{d}}^{\,\,r}\right]\,\delta_{\text{ili}2}+\left(c_{\Upsilon}^{\,\,p}\,a_{d}^{\,\,pr}-s_{\Upsilon}\,\widetilde{\mu}\,y_{d}^{\,\,pr}\right)\,\mathsf{LF}_{5,1,-2}\left[\mathsf{m}_{\tilde{q}}^{\,\,p}\,,\,\mathsf{m}_{\tilde{d}}^{\,\,pr}\right]\,\delta_{\text{ili}2}+\left(c_{\Upsilon}^{\,\,p}\,a_{d}^{\,\,pr}-s_{\Upsilon}\,\widetilde{\mu}\,y_{d}^{\,\,pr}\right)\,\mathsf{LF}_{5,1,-2}\left[\mathsf{m}_{\tilde{q}}^{\,\,p}\,,\,\mathsf{m}_{\tilde{d}}^{\,\,pr}\right]\,\delta_{\text{ili}2}+\left(c_{\Upsilon}^{\,\,p}\,a_{d}^{\,\,pr}-s_{\Upsilon}\,\widetilde{\mu}\,y_{d}^{\,\,pr}\right)\,\mathsf{LF}_{5,1,-2}\left[\mathsf{m}_{\tilde{q}}^{\,\,pr}\,,\,\mathsf{m}_{\tilde{d}}^{\,\,pr}\right]\,\delta_{\text{ili}2}+\left(c_{\Upsilon}^{\,\,p}\,a_{d}^{\,\,pr}\right)\,\mathsf{LF}_{5,1,-2}\left[\mathsf{m}_{\tilde{q}}^{\,\,pr}\,,\,\mathsf{m}_{\tilde{d}}^{\,\,pr}\right]\,\delta_{\text{ili}2}+\left(c_{\Upsilon}^{\,\,pr}\,a_{d}^{\,\,pr}\right)\,\mathsf{LF}_{5,1,-2}\left[\mathsf{m}_{\tilde{q}}^{\,\,pr}\,,\,\mathsf{m}_{\tilde{q}}^{\,\,pr}\right]\,\delta_{\text{ili}2}+\left(c_{\Upsilon}^{\,\,pr}\,a_{d}^{\,\,pr}\right)\,\mathsf{LF}_{5,1,-2}\left[\mathsf{m}_{\tilde{q}}^{\,\,pr}\,,\,\mathsf{m}_{\tilde{q}}^{\,\,pr}\right]
                                                                                                                                                                                                         \mathsf{g_1}^2 \; \left( \mathsf{s_{\scriptscriptstyle \gamma}} \; \overline{\mathsf{a_u}}^{\mathsf{pr}} - \widetilde{\mu} \; \mathsf{c_{\scriptscriptstyle \gamma}} \; \overline{\mathsf{y_u}}^{\mathsf{pr}} \right) \; \left( \mathsf{s_{\scriptscriptstyle \gamma}} \; \mathsf{a_u}^{\mathsf{pr}} - \widetilde{\mu} \; \mathsf{c_{\scriptscriptstyle \gamma}} \; \mathsf{y_u}^{\mathsf{pr}} \right) \; \mathsf{LF_{2,2,0}} \left[ \, \mathsf{m_{\bar{q}}}^{\mathsf{p}} \, , \; \mathsf{m_{\bar{u}}}^{\mathsf{r}} \, \right] \; \delta_{\mathsf{ili2}} - 2 \; \mathsf{m_{\bar{u}}}^{\mathsf{pr}} \; \mathsf{m_{\bar{u}}}
                                                                                                                                                                    \frac{1}{12} \ g_1^2 \ \left( s_\gamma \ \overline{a_u}^{pr} - \widetilde{\mu} \ c_\gamma \ \overline{y_u}^{pr} \right) \ \left( s_\gamma \ a_u^{pr} - \widetilde{\mu} \ c_\gamma \ y_u^{pr} \right) \ \mathsf{LF_{3,2,-1}} \left[ \mathsf{m_{\tilde{q}}}^p, \ \mathsf{m_{\tilde{u}}}^r \right] \ \delta_{\texttt{ili2}} - \delta_{\texttt{ili2
                                                                                                                                                                    \frac{1}{6} \ g_{1}^{2} \ \left(s_{\gamma} \ \overline{a_{u}}^{pr} - \widetilde{\mu} \ c_{\gamma} \ \overline{y_{u}}^{pr}\right) \ \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ c_{\gamma} \ y_{u}^{pr}\right) \ \mathsf{LF}_{3,1,0} \left[\mathsf{m}_{\widetilde{u}}^{-r}, \ \mathsf{m}_{\widetilde{q}}^{-p}\right] \ \delta_{\mathsf{11i2}} - \widetilde{h}_{\mathsf{11i2}} - \widetilde{h
                                                                                                                                                                    \frac{1}{6} \ g_{1}^{2} \ \left(s_{\gamma} \ \overline{a_{u}}^{pr} - \widetilde{\mu} \ c_{\gamma} \ \overline{y_{u}}^{pr}\right) \ \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ c_{\gamma} \ y_{u}^{pr}\right) \ LF_{3,2,-1} \left[m_{\widetilde{u}}^{\ r}, \ m_{\widetilde{q}}^{\ p}\right] \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ c_{\gamma} \ y_{u}^{pr}\right) \ LF_{3,2,-1} \left[m_{\widetilde{u}}^{\ r}, \ m_{\widetilde{q}}^{\ p}\right] \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ c_{\gamma} \ y_{u}^{pr}\right) \ LF_{3,2,-1} \left[m_{\widetilde{u}}^{\ r}, \ m_{\widetilde{q}}^{\ p}\right] \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ c_{\gamma} \ y_{u}^{pr}\right) \ LF_{3,2,-1} \left[m_{\widetilde{u}}^{\ r}, \ m_{\widetilde{q}}^{\ p}\right] \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ c_{\gamma} \ y_{u}^{pr}\right) \ LF_{3,2,-1} \left[m_{\widetilde{u}}^{\ r}, \ m_{\widetilde{q}}^{p}\right] \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ c_{\gamma} \ y_{u}^{pr}\right) \ LF_{3,2,-1} \left[m_{\widetilde{u}}^{\ r}, \ m_{\widetilde{q}}^{p}\right] \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a_{u}^{pr} - \widetilde{\mu} \ a_{u}^{pr}\right) \ \delta_{\text{ili2}} - \frac{1}{2} \left(s_{\gamma} \ a
                                                                                                                                                                                                               g_{1}^{2} \, \left( s_{\gamma} \, \overline{a_{u}}^{\text{pr}} - \widetilde{\mu} \, c_{\gamma} \, \overline{y_{u}}^{\text{pr}} \right) \, \left( s_{\gamma} \, a_{u}^{\, \text{pr}} - \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \text{LF}_{4,1,-1} \! \left[ m_{\widetilde{u}}^{\, \text{r}} \, , \, m_{\widetilde{q}}^{\, \text{p}} \right] \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \left( s_{\gamma} \, a_{u}^{\, \text{pr}} - \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr}} \right) \, \delta_{\text{11i}2} + \left( m_{\widetilde{u}}^{\, \text{pr}} + \widetilde{\mu} \, c_{\gamma} \, y_{u}^{\, \text{pr
                                                                                                                                                         \mathbf{g_{1}}^{2}\left(\mathbf{s_{\gamma}}\;\overline{\mathbf{a_{u}}}^{\mathsf{pr}}-\widetilde{\mu}\;\mathbf{c_{\gamma}}\;\overline{\mathbf{y_{u}}}^{\mathsf{pr}}\right)\;\left(\mathbf{s_{\gamma}}\;a_{u}^{\;\mathsf{pr}}-\widetilde{\mu}\;\mathbf{c_{\gamma}}\;\mathbf{y_{u}}^{\mathsf{pr}}\right)\;\mathsf{LF_{5,1,-2}}\!\left[\mathbf{m_{\tilde{u}}}^{\mathsf{r}},\;\mathbf{m_{\tilde{q}}}^{\mathsf{p}}\right]\;\delta_{\mathsf{ili2}}+
                                                                                                                                                                    \frac{5}{12} \; g_{1}{}^{4} \; \left(c_{\gamma}{}^{2} + s_{\gamma}{}^{2}\right) \; \mathsf{LF}_{4,1,-2} \left[\widetilde{\mu} \,,\, \mathsf{m}_{1}\right] \; \delta_{\mathsf{1}\mathsf{1}\mathsf{1}\mathsf{2}} + \frac{1}{2} \; \mathsf{m}_{1} \; s_{\gamma} \, \widetilde{\mu} \; c_{\gamma} \; g_{1}{}^{4} \; \mathsf{LF}_{4,1,-1} \left[\widetilde{\mu} \,,\, \mathsf{m}_{1}\right] \; \delta_{\mathsf{1}\mathsf{1}\mathsf{1}\mathsf{2}} - \frac{1}{2} \; \mathsf{m}_{1} \; s_{\gamma} \, \widetilde{\mu} \; c_{\gamma} \; g_{1}{}^{4} \; \mathsf{LF}_{4,1,-1} \left[\widetilde{\mu} \,,\, \mathsf{m}_{1}\right] \; \delta_{\mathsf{1}\mathsf{1}\mathsf{1}\mathsf{2}} - \frac{1}{2} \; \mathsf{m}_{1} \; \mathsf{m}_{2} \; \mathsf{m}_{3} \; \mathsf{m
                                                                                                                                                                                                               g_{1}{}^{4} \left(c_{\gamma}{}^{2} + s_{\gamma}{}^{2}\right) \; \mathsf{LF}_{5,1,-3} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}2} - \frac{2}{3} \; \mathsf{m}_{1} \; s_{\gamma} \, \widetilde{\mu} \; c_{\gamma} \; g_{1}{}^{4} \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}2} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}2} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}2} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma}\right) \; \mathsf{LF}_{5,1,-2} \left[\widetilde{\mu}\,,\, \mathsf{m}_{1}\right] \; \delta_{\dot{1}\dot{1}\dot{1}} \; + \frac{1}{3} \left(c_{\gamma} + c_{\gamma
                                                                                                                                                                                                               g_{1}^{2} g_{2}^{2} \left(c_{\gamma}^{2} + s_{\gamma}^{2}\right) LF_{4,1,-2}[\tilde{\mu}, m_{2}] \delta_{1112} + \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} - \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{1}^{2} g_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} + \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{2}^{2} G_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} + \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{2}^{2} G_{2}^{2} LF_{4,1,-1}[\tilde{\mu}, m_{2}] \delta_{1112} + \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{2}^{2} G_{2}^{2} + \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{2}^{2} + \frac{3}{2} m_{2} s_{\gamma} \tilde{\mu} c_{\gamma} g_{\gamma} g_{\gamma} \tilde{\mu} c_{\gamma} \tilde{\mu} c_
                                                                                                                                                               \mathsf{g_1}^2 \; \mathsf{g_2}^2 \; \left(\mathsf{c_{\scriptscriptstyle Y}}^2 + \mathsf{s_{\scriptscriptstyle Y}}^2\right) \; \mathsf{LF_{5,1,-3}} \left[\widetilde{\mu} \,,\, \mathsf{m_2} \,\right] \; \delta_{\mathsf{ili2}} - 2 \; \mathsf{m_2} \; \mathsf{s_{\scriptscriptstyle Y}} \, \widetilde{\mu} \; \mathsf{c_{\scriptscriptstyle Y}} \; \mathsf{g_1}^2 \; \mathsf{g_2}^2 \; \mathsf{LF_{5,1,-2}} \left[\widetilde{\mu} \,,\, \mathsf{m_2} \,\right] \; \delta_{\mathsf{ili2}} - 2 \; \mathsf{m_2} \; \mathsf{s_{\scriptscriptstyle Y}} \, \widetilde{\mu} \; \mathsf{c_{\scriptscriptstyle Y}} \; \mathsf{g_1}^2 \; \mathsf{g_2}^2 \; \mathsf{LF_{5,1,-2}} \left[\widetilde{\mu} \,,\, \mathsf{m_2} \,\right] \; \delta_{\mathsf{ili2}} - 2 \; \mathsf{m_2} \; \mathsf{s_{\scriptscriptstyle Y}} \, \widetilde{\mu} \; \mathsf{c_{\scriptscriptstyle Y}} \; \mathsf{g_1}^2 \; \mathsf{g_2}^2 \; \mathsf{LF_{5,1,-2}} \left[\widetilde{\mu} \,,\, \mathsf{m_2} \,\right] \; \delta_{\mathsf{ili2}} - 2 \; \mathsf{m_2} \; \mathsf{s_{\scriptscriptstyle Y}} \, \widetilde{\mu} \; \mathsf{c_{\scriptscriptstyle Y}} \; \mathsf{g_1}^2 \; \mathsf{g_2}^2 \; \mathsf{LF_{5,1,-2}} \left[\widetilde{\mu} \,,\, \mathsf{m_2} \,\right] \; \delta_{\mathsf{ili2}} - 2 \; \mathsf{m_2} \; \mathsf{s_{\scriptscriptstyle Y}} \, \widetilde{\mu} \; \mathsf{c_{\scriptscriptstyle Y}} \; \mathsf{g_2}^2 \; \mathsf{LF_{5,1,-2}} \left[\widetilde{\mu} \,,\, \mathsf{m_2} \,\right] \; \delta_{\mathsf{ili2}} - 2 \; \mathsf{m_2} \; \mathsf{s_{\scriptscriptstyle Y}} \, \widetilde{\mu} \; \mathsf{c_{\scriptscriptstyle Y}} \; \mathsf{g_2}^2 \; \mathsf{LF_{5,1,-2}} \left[\widetilde{\mu} \,,\, \mathsf{m_2} \,\right] \; \delta_{\mathsf{ili2}} - 2 \; \mathsf{m_2} \; \mathsf{s_{\scriptscriptstyle Y}} \; \widetilde{\mu} \; \mathsf{c_{\scriptscriptstyle Y}} \; \mathsf{g_2}^2 \; \mathsf{LF_{5,1,-2}} \left[\widetilde{\mu} \,,\, \mathsf{m_2} \,\right] \; \delta_{\mathsf{ili2}} - 2 \; \mathsf{m_2} \; \mathsf{s_{\scriptscriptstyle Y}} \; \widetilde{\mu} \; \mathsf{c_{\scriptscriptstyle Y}} \; \mathsf{g_2}^2 \; \mathsf{d_{\scriptscriptstyle Y}} \; \mathsf{s_{\scriptscriptstyle Y}} \; \mathsf{d_{\scriptscriptstyle Y}} 
                                                                                                                                                                    \frac{1}{2}\;\mathsf{c_{\gamma}}^2\;\overline{\mathsf{y_e}^{\mathsf{pil}}}\;\overline{\mathsf{y_e}^{\mathsf{rs}}}\;\mathsf{y_e}^{\mathsf{ps}}\;\mathsf{y_e}^{\mathsf{ri2}}\;\mathsf{LF_{2,1,0}}\big[\tilde{\mu},\,\mathsf{m_{\tilde{e}}}^{\mathsf{s}}\big]\;+\;\mathsf{c_{\gamma}}^2\;\overline{\mathsf{y_e}^{\mathsf{pil}}}\;\overline{\mathsf{y_e}^{\mathsf{rs}}}\;\mathsf{y_e}^{\mathsf{ps}}\;\mathsf{y_e}^{\mathsf{ri2}}\;\mathsf{LF_{3,1,-1}}\big[\tilde{\mu},\,\mathsf{m_{\tilde{e}}}^{\mathsf{s}}\big]\;-\;\mathsf{c_{\gamma}}^{\mathsf{s}}\,\mathsf{y_e}^{\mathsf{pil}}\,\overline{\mathsf{y_e}^{\mathsf{rs}}}\;\mathsf{y_e}^{\mathsf{ps}}\;\mathsf{y_e}^{\mathsf{ri2}}\;\mathsf{LF_{3,1,-1}}\big[\tilde{\mu},\,\mathsf{m_{\tilde{e}}}^{\mathsf{s}}\big]\;-\;\mathsf{c_{\gamma}}^{\mathsf{s}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\;\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps}}\,\mathsf{y_e}^{\mathsf{ps
                                                                                                                                                                                                               c_{\gamma}^{2}\,\overline{y_{e}}^{pi1}\,\overline{y_{e}}^{rs}\,y_{e}^{ps}\,y_{e}^{ri2}\,\mathsf{LF_{4,1,-2}}\big[\widetilde{\mu}\,,\,m_{\tilde{e}}^{\,\,s}\big]\,-\,\frac{1}{12}\,\,g_{1}^{2}\,\overline{y_{e}}^{pi1}\,y_{e}^{\,pi2}\,\mathsf{LF_{2,1,0}}\big[\widetilde{\mu}\,,\,m_{\tilde{l}}^{\,\,p}\big]\,+\,\frac{1}{12}\,g_{1}^{2}\,\overline{y_{e}}^{pi1}\,y_{e}^{\,\,pi2}\,\mathsf{LF_{2,1,0}}\big[\widetilde{\mu}\,,\,m_{\tilde{l}}^{\,\,p}\big]\,+\,\frac{1}{12}\,g_{1}^{2}\,\overline{y_{e}}^{pi1}\,y_{e}^{\,\,pi2}\,\mathsf{LF_{2,1,0}}\big[\widetilde{\mu}\,,\,m_{\tilde{l}}^{\,\,p}\big]\,+\,\frac{1}{12}\,g_{1}^{2}\,\overline{y_{e}}^{pi2}\,y_{e}^{\,\,pi2}\,\mathsf{LF_{2,1,0}}\big[\widetilde{\mu}\,,\,m_{\tilde{l}}^{\,\,p}\big]\,+\,\frac{1}{12}\,g_{1}^{2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,\mathsf{LF_{2,1,0}}\big[\widetilde{\mu}\,,\,m_{\tilde{l}}^{\,\,p}\big]\,+\,\frac{1}{12}\,g_{1}^{2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,pi2}\,y_{e}^{\,\,pi2}\,y_{e}^{\,pi2}\,y_{e}^{\,pi2}\,y_{e}^{\,pi2}
                                                                                                                                                                    \frac{5}{12} \ g_1{}^2 \ \overline{y_e}{}^{pi1} \ y_e{}^{pi2} \ \mathsf{LF}_{3,1,-1} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ - \ \frac{1}{6} \ g_1{}^2 \ \overline{y_e}{}^{pi1} \ y_e{}^{pi2} \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \overline{y_e}{}^{pi1} \ y_e{}^{pi2} \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \overline{y_e}{}^{pi1} \ y_e{}^{pi2} \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \overline{y_e}{}^{pi2} \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \overline{y_e}{}^{pi2} \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \overline{y_e}{}^{pi2} \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \overline{y_e}{}^{pi2} \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \overline{y_e}{}^{pi2} \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \overline{y_e}{}^{pi2} \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \overline{y_e}{}^{pi2} \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \overline{y_e}{}^{pi2} \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ \mathsf{m}_{\tilde{l}}^{-p} \big] \ + \ \frac{1}{6} \ g_1{}^2 \ \mathsf{LF}_{4,1,-2} \big[ \widetilde{\mu} \ , \ 
                                                                                                                                                                                                         \mathsf{m_1} \; \mathsf{c_{\scriptscriptstyle Y}} \; \mathsf{g_1}^2 \; \mathsf{y_e}^{\mathsf{pi2}} \; \left( \mathsf{c_{\scriptscriptstyle Y}} \; \overline{\mathsf{a_e}}^{\mathsf{pi1}} - \mathsf{s_{\scriptscriptstyle Y}} \, \widetilde{\mu} \; \overline{\mathsf{y_e}}^{\mathsf{pi1}} \right) \; \mathsf{LF_{2,1,1,0}} \left[ \, \mathsf{m_1} \, , \, \, \mathsf{m_{\bar{e}}}^{\, \mathsf{i1}} \, , \, \, \mathsf{m_{\bar{l}}}^{\, \mathsf{p}} \, \right] \; + \; \mathsf{m_{\bar{l}}}^{\, \mathsf{pi1}} \; , \; \mathsf{m_{\bar{l}}}^{\, \mathsf
                                                                                                                                                               \frac{1}{8} \; \mathsf{m_1} \; \mathsf{c_{Y}} \; \mathsf{g_1}^2 \; \mathsf{y_e}^{\mathsf{pi2}} \; \left( - \, \mathsf{c_{Y}} \; \overline{\mathsf{a_e}}^{\mathsf{pi1}} + \, \mathsf{s_{Y}} \; \widetilde{\mu} \; \overline{\mathsf{y_e}}^{\mathsf{pi1}} \right) \; \mathsf{LF_{2,2,1,-1}} \big[ \, \mathsf{m_1} \, , \; \mathsf{m_{\tilde{e}}}^{\mathsf{i1}} \, , \; \mathsf{m_{\tilde{e}}}^{\mathsf{pi}} \big] \; + \\
                                                                                                                                                                                                               \textbf{m}_{1} \ \textbf{c}_{\gamma} \ \textbf{g}_{1}^{2} \ \textbf{y}_{e}^{\ \text{pi2}} \ \left(-\ \textbf{c}_{\gamma} \ \overline{\textbf{a}_{e}}^{\ \text{pi1}} + \ \textbf{s}_{\gamma} \ \widetilde{\boldsymbol{\mu}} \ \overline{\textbf{y}_{e}}^{\ \text{pi1}}\right) \ \textbf{LF}_{3,1,1,-1} \big[\textbf{m}_{1} \ , \ \textbf{m}_{\tilde{e}}^{\ \text{i1}} \ , \ \textbf{m}_{\tilde{l}}^{\ \text{i}}^{\ \text{p}} \big] \ + \\ \textbf{s}_{\gamma} \ \widetilde{\boldsymbol{\mu}} \ \overline{\textbf{y}_{e}}^{\ \text{pi1}} \right) \ \textbf{LF}_{3,1,1,-1} \big[\textbf{m}_{1} \ , \ \textbf{m}_{\tilde{e}}^{\ \text{i1}} \ , \ \textbf{m}_{\tilde{l}}^{\ \text{i}}^{\ \text{p}} \big] \ + \\ \textbf{m}_{1} \ \textbf{m}_{1} \ \textbf{m}_{2} \ \textbf{m}
                                                                                                                                                                                                         \mathsf{m_1} \; \mathsf{c_{\scriptscriptstyle Y}} \; \mathsf{g_1}^2 \; \overline{\mathsf{y_e}}^\mathsf{pil} \; \left( \mathsf{c_{\scriptscriptstyle Y}} \; \mathsf{a_e}^\mathsf{pi2} - \mathsf{s_{\scriptscriptstyle Y}} \, \widetilde{\mu} \; \mathsf{y_e}^\mathsf{pi2} \right) \; \mathsf{LF_{2,1,1,0}} \left[ \mathsf{m_1}, \; \mathsf{m_{\tilde{e}}}^{i2}, \; \mathsf{m_{\tilde{l}}}^\mathsf{p} \right] + \mathsf{m_{\tilde{l}}}^\mathsf{p} \; \mathsf{m_{\tilde{l}}}^\mathsf{p} \; \mathsf{m_{\tilde{l}}}^\mathsf{p} \; \mathsf{m_{\tilde{l}}}^\mathsf{p} \; \mathsf{m_{\tilde{l}}}^\mathsf{p} \; \mathsf{m_{\tilde{l}}}^\mathsf{p} \right] \; \mathsf{m_{\tilde{l}}}^\mathsf{p} \; \mathsf{m_
                                                                                                                                                                                                               \textbf{m}_{1}\;\textbf{c}_{\gamma}\;\textbf{g}_{1}^{\;2}\;\overline{\textbf{y}_{e}}^{\text{pil}}\;\left(-\,\textbf{c}_{\gamma}\;\textbf{a}_{e}^{\;\text{pi2}}\,+\,\textbf{s}_{\gamma}\;\tilde{\mu}\;\textbf{y}_{e}^{\;\text{pi2}}\right)\;\textbf{LF}_{2,2,1,-1}\!\left[\textbf{m}_{1}\,,\,\textbf{m}_{\tilde{e}}^{\;\text{i2}}\,,\,\textbf{m}_{\tilde{l}}^{\;\text{p}}\right]\,+\,
                                                                                                                                                                                                         \textbf{m}_{1} \; \textbf{c}_{\gamma} \; \textbf{g}_{1}^{\; 2} \; \overline{\textbf{y}_{e}}^{\text{pi1}} \; \left( - \, \textbf{c}_{\gamma} \; \textbf{a}_{e}^{\; \text{pi2}} + \, \textbf{s}_{\gamma} \; \tilde{\mu} \; \textbf{y}_{e}^{\; \text{pi2}} \right) \; \textbf{LF}_{3,1,1,-1} \big[ \, \textbf{m}_{1} \, , \; \textbf{m}_{\tilde{e}}^{\; \text{i2}} \, , \; \textbf{m}_{\tilde{l}}^{\; \text{p}} \, \big] \; + \; \textbf{m}_{1} \; \textbf{m}_{1} \; , \; \textbf{m}_{1} \; \textbf{m}_{2} \; , \; \textbf{m}_{2} \; , \; \textbf{m}_{2} \; , \; \textbf{m}_{2} \; \textbf{m}_{2} \; , \; \textbf{
                                                                                                                                                                    \frac{1}{4}\;g_{1}^{\;4}\;\left(-\,c_{\gamma}^{\;2}\,+\,s_{\gamma}^{\;2}\right)\;\mathsf{LF}_{2,1,1,-1}\!\left[\mathsf{m}_{1}\,,\,\mathsf{m}_{\tilde{\mathsf{e}}}^{\;i\,2}\,,\,\tilde{\mu}\right]\;\delta_{i\,1\,i\,2}\,+\,\frac{1}{2}\;g_{1}^{\;4}\;\mathsf{m}_{1}^{\;2}\;\left(-\,c_{\gamma}^{\;2}\,+\,s_{\gamma}^{\;2}\right)\;\mathsf{LF}_{2,1,1,0}\!\left[\mathsf{m}_{1}\,,\,\mathsf{m}_{\tilde{\mathsf{e}}}^{\;i\,2}\,,\,\tilde{\mu}\right]
                                                                                                                                                                                               \delta_{\text{ili2}} + \tfrac{1}{8} \; m_1 \; c_{\gamma} \; g_1^{\; 2} \; y_e^{\; pi2} \; \left( c_{\gamma} \; \overline{a_e}^{\; pi1} - s_{\gamma} \; \widetilde{\mu} \; \overline{y_e}^{\; pi1} \right) \; \mathsf{LF}_{2,2,1,-1} \big[ m_1 \, , \; m_{\tilde{l}}^{\; p} \, , \; m_{\tilde{e}}^{\; i1} \big] \; + \; c_{\gamma} \; \widetilde{h}_{e}^{\; i1} \; .
                                                                                                                                                               \frac{1}{\text{\tiny $\alpha$}} \,\, m_1 \,\, c_{\text{\tiny $\gamma$}} \,\, g_1^{\,\, 2} \,\, \overline{y_e}^{\text{\tiny $p$} \text{\tiny $i$} \, 1} \,\, \left( c_{\text{\tiny $\gamma$}} \,\, a_e^{\,\, \text{\tiny $p$} \, 12} \,-\, s_{\text{\tiny $\gamma$}} \,\, \widetilde{\mu} \,\, y_e^{\,\, \text{\tiny $p$} \, 12} \right) \,\, \text{\tiny $LF$}_{2,2,1,-1} \left[ \, m_1 \,,\,\, m_{\tilde{l}}^{\,\, \text{\tiny $p$}} \,,\,\, m_{\tilde{e}}^{\,\, \text{\tiny $i$} \, 2} \, \right] \,\, -\, m_{\tilde{e}}^{\,\, \text{\tiny $i$} \, 2} \,\, m_{\tilde{e}}^{\,\, \text{\tiny $i$} \, 2}} \,\, m_{\tilde{e}}^{\,\, \text{\tiny $i$} \, 2} \,\, m_{\tilde{e}}^{\,\, \text{\tiny $i$} \, 2}} \,\, m_{\tilde{e}}^{\,\, \text{\tiny $i$} \, 2} \,\, m_{\tilde{e}}^{\,\, \text{\tiny $i$} \, 2}} \,\, m_{\tilde{e}}^{\,\, \text{\tiny $i$} \, 2}} \,\, m_{\tilde{e}}^{\,
                                                                                                                                                                                                                    g_{1}^{\ 2} \ c_{\gamma}^{\ 2} \ \overline{y_{e}}^{\text{pil}} \ y_{e}^{\text{pil}} \ y_{e}^{\text{pil}} \ LF_{2,1,1,-1} \big[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \big] - \frac{1}{2} \ m_{1} \ s_{\gamma} \ \widetilde{\mu} \ c_{\gamma} \ g_{1}^{\ 2} \ \overline{y_{e}}^{\text{pil}} \ y_{e}^{\text{pil}} \ LF_{2,1,1,0} \big[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \big] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1}{2} \left[ \, m_{1} \, , \, m_{\tilde{l}}^{\ p} \, , \, \widetilde{\mu} \, \right] + \frac{1
                                                                                                                                                                    \frac{1}{2} \; g_{1}^{\; 2} \; c_{\gamma}^{\; 2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{3,1,1,-2} \big[ \, \mathsf{m}_{1} \, , \; \mathsf{m}_{\bar{l}}^{\; p} \, , \; \widetilde{\mu} \, \big] \; + \\ \frac{1}{2} \; \mathsf{m}_{1} \; \mathsf{s}_{\gamma} \; \widetilde{\mu} \; c_{\gamma} \; g_{1}^{\; 2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{3,1,1,-1} \big[ \, \mathsf{m}_{1} \, , \; \mathsf{m}_{\bar{l}}^{\; p} \, , \; \widetilde{\mu} \, \big] \; - \\ \frac{1}{2} \; \mathsf{m}_{1} \; \mathsf{s}_{\gamma} \; \widetilde{\mu} \; c_{\gamma} \; g_{1}^{\; 2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{3,1,1,-1} \big[ \, \mathsf{m}_{1} \, , \; \mathsf{m}_{\bar{l}}^{\; p} \, , \; \widetilde{\mu} \, \big] \; - \\ \frac{1}{2} \; \mathsf{m}_{1} \; \mathsf{m}_{2} \; \mathsf{m}_{2} \; \mathsf{m}_{3} \; \mathsf{m
                                                                                                                                                                    \frac{1}{4} \; g_{1}^{\; 2} \; c_{\gamma}^{\; 2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{2,2,1,-2} \big[ \, \mathsf{m}_{1} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\tilde{e}}^{\; \text{il}} \, \big] \; - \; \frac{1}{4} \; \mathsf{m}_{1} \; \mathsf{s}_{\gamma} \; \widetilde{\mu} \; c_{\gamma} \; g_{1}^{\; 2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{2,2,1,-1} \big[ \, \mathsf{m}_{1} \, , \; \widetilde{\mu} \, , \; \mathsf{m}_{\tilde{e}}^{\; \text{il}} \, \big] \; + \; \mathsf{m}_{\tilde{e}}^{\; \text{il}} \; \mathsf{m}_
                                                                                                                                                                                                                         \left(-\,g_{1}^{\,\,2}\,\,c_{\gamma}^{\,\,2}\,\,\overline{y_{e}}^{\text{pil}}\,\,y_{e}^{\,\,\text{pi2}}\,+\,g_{1}^{\,\,4}\,\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\right)\,\,\text{LF}_{2,2,1,-2}\!\left[\,\text{m}_{1}\,,\,\,\widetilde{\mu}\,,\,\,\text{m}_{\tilde{e}}^{\,\,\text{i2}}\,\right]\,+\,3\,\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}}\left(-\,c_{\gamma}^{\,\,2}\,+\,s_{\gamma}^{\,\,2}\right)\,\,\delta_{\text{ili2}
                                                                                                                                                                                                               \mathsf{m_1} \; \mathsf{g_1}^2 \; \left( - \, \mathsf{s_{\scriptscriptstyle Y}} \; \widetilde{\mu} \; \mathsf{c_{\scriptscriptstyle Y}} \; \overline{y_e}^{\mathsf{pil}} \; \mathsf{y_e}^{\mathsf{pil}} \; + \, \mathsf{m_1} \; \mathsf{g_1}^2 \; \left( \, \mathsf{c_{\scriptscriptstyle Y}}^2 - \, \mathsf{s_{\scriptscriptstyle Y}}^2 \right) \; \delta_{\mathsf{ili2}} \right) \; \mathsf{LF_{2,2,1,-1}} \big[ \, \mathsf{m_1} \, , \; \widetilde{\mu} \, , \; \mathsf{m_{\scriptscriptstyle \tilde{e}}}^{\, \, i2} \big] \; + \\ \mathsf{m_2} \; \mathsf{m_2} 
                                                                                                                                                                                                         g_1^2 c_{\gamma}^2 \overline{y_e}^{pi1} y_e^{pi2} LF_{2,2,1,-2}[m_1, \widetilde{\mu}, m_{\widetilde{l}}^p] -
                                                                                                                                                                                                         g_{1}{}^{2}\; s_{\gamma}{}^{2}\; \widetilde{y_{e}}{}^{\text{pil}}\; y_{e}{}^{\text{pil}}\; LF_{2,2,1,-1}\big[m_{1}\,,\; \widetilde{\mu}\,,\; m_{\widetilde{l}}{}^{\text{p}}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{2}\; \overline{y_{e}}{}^{\text{pil}}\; y_{e}{}^{\text{pil}}\; LF_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{2}\; \overline{y_{e}}{}^{\text{pil}}\; y_{e}{}^{\text{pil}}\; LF_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{2}\; \overline{y_{e}}{}^{\text{pil}}\; y_{e}{}^{\text{pil}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{2}\; \overline{y_{e}}{}^{\text{pil}}\; y_{e}{}^{\text{pil}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{2}\; \overline{y_{e}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{2}\; \overline{y_{e}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{2}\; \overline{y_{e}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{2}\; \overline{y_{e}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{2}\; \overline{y_{e}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{2}\; \overline{y_{e}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{2}\; \overline{y_{e}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{2}\; \overline{y_{e}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{2}\; c_{\gamma}{}^{\text{p}}\; \overline{y_{e}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}{}^{\text{p}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{\text{p}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{\widetilde{l}}\,,\; m_{\widetilde{l}}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{\text{p}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{2}\,,\; m_{2}\,,\; m_{2}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{\text{p}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{2}\,,\; m_{2}\,,\; m_{2}\,,\; \widetilde{\mu}\big] \; + \; \frac{9}{4}\; g_{2}{}^{\text{p}}\; F_{2,1,1,-1}\big[m_{2}\,,\; m_{2}\,,\; m_{
                                                                                                                                                                                                                    \textbf{m}_{2} \; \textbf{s}_{\gamma} \; \tilde{\mu} \; \textbf{c}_{\gamma} \; \textbf{g}_{2}^{2} \; \overline{\textbf{y}_{e}}^{\textbf{pil}} \; \textbf{y}_{e}^{\textbf{pil}} \; \textbf{LF}_{\textbf{2,1,1,0}} \big[ \, \textbf{m}_{2} \, , \; \textbf{m}_{\tilde{\textbf{l}}}^{\, \, \, \textbf{p}} \, , \; \tilde{\mu} \, \big] \; - \; \frac{3}{2} \; \textbf{g}_{2}^{\, \, 2} \; \textbf{c}_{\gamma}^{\, \, 2} \; \overline{\textbf{y}_{e}}^{\textbf{pil}} \; \textbf{y}_{e}^{\, \, \textbf{pil}} \; \textbf{LF}_{\textbf{3,1,1,-2}} \big[ \, \textbf{m}_{\textbf{2}} \, , \; \textbf{m}_{\tilde{\textbf{l}}}^{\, \, \, \textbf{p}} \, , \; \tilde{\mu} \, \big] \; - \; \frac{3}{2} \; \textbf{g}_{2}^{\, \, 2} \; \textbf{c}_{\gamma}^{\, \, 2} \; \overline{\textbf{y}_{e}}^{\textbf{pil}} \; \textbf{y}_{e}^{\, \, \textbf{pil}} \; \textbf{LF}_{\textbf{3,1,1,-2}} \big[ \, \textbf{m}_{\textbf{2}} \, , \; \textbf{m}_{\tilde{\textbf{l}}}^{\, \, \, \textbf{p}} \, , \; \tilde{\mu} \, \big] \; - \; \frac{3}{2} \; \textbf{g}_{2}^{\, \, \, 2} \; \textbf{c}_{\gamma}^{\, \, \, 2} \; \overline{\textbf{y}_{e}}^{\, \, \textbf{pil}} \; \textbf{J}_{\textbf{pil}} \; \textbf{J}_{\textbf{pil}} \; . 
                                                                                                                                                                                                                    \textbf{m}_{2} \; \textbf{s}_{\gamma} \; \tilde{\mu} \; \textbf{c}_{\gamma} \; \textbf{g}_{2}^{\; 2} \; \overline{\textbf{y}_{e}}^{\text{pil}} \; \textbf{y}_{e}^{\, \text{pi2}} \; \textbf{LF}_{3,1,1,-1} \big[ \, \textbf{m}_{2} \,, \; \textbf{m}_{\tilde{l}}^{\; p} \,, \; \tilde{\mu} \, \big] \; - \; \frac{9}{8} \; \textbf{g}_{2}^{\; 2} \; \textbf{c}_{\gamma}^{\; 2} \; \overline{\textbf{y}_{e}}^{\text{pil}} \; \textbf{y}_{e}^{\, \text{pi2}} \; \textbf{LF}_{2,2,1,-2} \big[ \, \textbf{m}_{2} \,, \; \tilde{\mu} \,, \; \textbf{m}_{\tilde{l}}^{\; p} \, \big] \; - \; \frac{9}{8} \; \textbf{g}_{2}^{\; 2} \; \textbf{c}_{\gamma}^{\; 2} \; \overline{\textbf{y}_{e}}^{\, pi1} \; \textbf{y}_{e}^{\, pi2} \; \textbf{LF}_{2,2,1,-2} \big[ \, \textbf{m}_{2} \,, \; \tilde{\mu}_{1} \,, \; \textbf{m}_{\tilde{l}}^{\; p} \, \big] \; - \; \frac{9}{8} \; \textbf{g}_{2}^{\; 2} \; \textbf{c}_{\gamma}^{\; 2} \; \overline{\textbf{y}_{e}}^{\, pi1} \; \textbf{y}_{e}^{\, pi2} \; \textbf{LF}_{2,2,1,-2} \big[ \, \textbf{m}_{2} \,, \; \tilde{\mu}_{1} \,, \; \textbf{m}_{\tilde{l}}^{\; p} \, \big] \; - \; \frac{9}{8} \; \textbf{g}_{2}^{\; 2} \; \textbf{c}_{\gamma}^{\; 2} \; \overline{\textbf{y}_{e}}^{\, pi1} \; \textbf{y}_{e}^{\, pi2} \; \textbf{LF}_{2,2,1,-2} \big[ \, \textbf{m}_{2} \,, \; \tilde{\mu}_{1} \,, \; \textbf{m}_{\tilde{l}}^{\; p} \, \big] \; - \; \frac{9}{8} \; \textbf{g}_{2}^{\; 2} \; \textbf{c}_{\gamma}^{\; 2} \; \overline{\textbf{y}_{e}}^{\, pi1} \; \textbf{y}_{e}^{\, pi2} \; \textbf{LF}_{2,2,1,-2} \big[ \, \textbf{m}_{2} \,, \; \tilde{\mu}_{1} \,, \; \textbf{m}_{\tilde{l}}^{\; p} \, \big] \; - \; \frac{9}{8} \; \textbf{g}_{2}^{\; 2} \; \textbf{c}_{\gamma}^{\; 2} \; \overline{\textbf{y}_{e}}^{\, pi1} \; \textbf{y}_{e}^{\, pi2} \; \textbf{LF}_{2,2,1,-2} \big[ \, \textbf{m}_{2} \,, \; \tilde{\mu}_{1} \,, \; \textbf{m}_{\tilde{l}}^{\; p} \, \big] \; - \; \frac{9}{8} \; \textbf{g}_{2}^{\; 2} \; \textbf{c}_{\gamma}^{\; 2} \; \textbf{J}_{e}^{\, pi2} \; \textbf{J
                                                                                                                                                                                                                         \mathbf{s_{\gamma}}\,\tilde{\mu}\,\,\mathbf{g_{2}}^{2}\,\overline{\mathbf{y_{e}}}^{\text{pil}}\,\,\mathbf{y_{e}}^{\text{pil}}\,\,(\mathbf{4}\,\mathbf{m_{2}}\,\,\mathbf{c_{\gamma}}\,+\,\mathbf{s_{\gamma}}\,\tilde{\mu})\,\,\,\mathbf{LF_{2,2,1,-1}}\big[\,\mathbf{m_{2}}\,,\,\,\tilde{\mu}\,,\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\big]\,\,+\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{\tilde{l}}}^{\text{p}}\,\,\mathbf{m_{
                                                                                                                                                                                                                    g_{1}^{2} \; c_{\gamma}^{2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{2,1,1,-1} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\check{e}}^{\text{il}} \big] \; + \; \frac{1}{2} \; \mathsf{m}_{1} \; s_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; g_{1}^{2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\check{e}}^{\text{il}} \big] \; - \; \mathsf{m}_{\check{e}}^{\text{pi2}} \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\check{e}}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\check{e}}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\check{e}}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{2} \,, \; \mathsf{m}_{2}^{\text{il}} \big] \; - \; \mathsf{LF}_{2,1,1,1,0} \big[ \tilde{
                                                                                                                                                                                                                    g_{1}^{2} \; c_{\gamma}^{2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{3,1,1,-2} \left[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\tilde{e}}^{\text{il}} \right] \; - \; \frac{1}{2} \; \mathsf{m}_{1} \; s_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; g_{1}^{2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{3,1,1,-1} \left[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\tilde{e}}^{\text{il}} \right] \; + \; \frac{1}{2} \; \mathsf{m}_{1} \; s_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; g_{1}^{2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{3,1,1,-1} \left[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\tilde{e}}^{\text{il}} \right] \; + \; \frac{1}{2} \; \mathsf{m}_{1} \; s_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; g_{1}^{2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{3,1,1,-1} \left[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\tilde{e}}^{\text{il}} \right] \; + \; \frac{1}{2} \; \mathsf{m}_{1} \; s_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; g_{1}^{2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{3,1,1,-1} \left[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\tilde{e}}^{\text{il}} \right] \; + \; \frac{1}{2} \; \mathsf{m}_{1} \; s_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; g_{1}^{2} \; \overline{y_{e}}^{\text{pi2}} \; \mathsf{LF}_{3,1,1,-1} \left[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\tilde{e}}^{\text{il}} \right] \; + \; \frac{1}{2} \; \mathsf{m}_{1} \; s_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; \tilde{\mu} \; \tilde
                                                                                                                                                                                                                    g_{1}^{2} \; c_{\gamma}^{2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{2,1,1,-1} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\check{e}}^{\; i2} \big] \; + \; \frac{1}{2} \; \mathsf{m}_{1} \; s_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; g_{1}^{2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\check{e}}^{\; i2} \big] \; - \; \frac{1}{2} \; \mathsf{m}_{1} \; s_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; g_{1}^{2} \; \overline{y_{e}}^{\text{pil}} \; y_{e}^{\text{pi2}} \; \mathsf{LF}_{2,1,1,0} \big[ \tilde{\mu} \,, \; \mathsf{m}_{1} \,, \; \mathsf{m}_{\check{e}}^{\; i2} \big] \; - \; \frac{1}{2} \; \mathsf{m}_{1} \; s_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; \tilde{\mu} \; c_{\gamma} \; \tilde{\mu} 
                                                                                                                                                                                                                    g_{1}{}^{2}\;c_{\gamma}{}^{2}\;\overline{y_{e}}{}^{pi1}\;y_{e}{}^{pi2}\;\mathsf{LF}_{3,1,1,-2}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{\tilde{e}}{}^{i2}\big] \;-\; \frac{1}{2}\;\mathsf{m}_{1}\;s_{\gamma}\;\tilde{\mu}\;c_{\gamma}\;g_{1}{}^{2}\;\overline{y_{e}}{}^{pi1}\;y_{e}{}^{pi2}\;\mathsf{LF}_{3,1,1,-1}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{\tilde{e}}{}^{i2}\big] \;-\; \frac{1}{2}\;\mathsf{m}_{1}\;s_{\gamma}\;\tilde{\mu}\;c_{\gamma}\;g_{1}{}^{2}\;\overline{y_{e}}{}^{pi1}\;y_{e}{}^{pi2}\;\mathsf{LF}_{3,1,1,-1}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{\tilde{e}}{}^{i2}\big] \;-\; \frac{1}{2}\;\mathsf{m}_{1}\;s_{\gamma}\;\tilde{\mu}\;c_{\gamma}\;g_{1}{}^{2}\;\overline{y_{e}}{}^{pi1}\;y_{e}{}^{pi2}\;\mathsf{LF}_{3,1,1,-1}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{\tilde{e}}{}^{i2}\big] \;-\; \frac{1}{2}\;\mathsf{m}_{1}\;s_{\gamma}\;\tilde{\mu}\;c_{\gamma}\;g_{1}{}^{2}\;\overline{y_{e}}{}^{pi1}\;y_{e}{}^{pi2}\;\mathsf{LF}_{3,1,1,-1}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{\tilde{e}}{}^{i2}\big] \;-\; \frac{1}{2}\;\mathsf{m}_{1}\;s_{\gamma}\;\tilde{\mu}\;c_{\gamma}\;g_{1}{}^{2}\;\overline{y_{e}}{}^{pi1}\;y_{e}{}^{pi2}\;\mathsf{LF}_{3,1,1,-1}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{\tilde{e}}{}^{i2}\big] \;-\; \frac{1}{2}\;\mathsf{m}_{1}\;s_{\gamma}\;\tilde{\mu}\;c_{\gamma}\;g_{1}{}^{2}\;\overline{y_{e}}{}^{pi1}\;y_{e}{}^{pi2}\;\mathsf{LF}_{3,1,1,-1}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{\tilde{e}}{}^{i2}\big] \;-\; \frac{1}{2}\;\mathsf{m}_{1}\;s_{\gamma}\;\tilde{\mu}\;c_{\gamma}\;g_{1}{}^{2}\;\overline{y_{e}}\;g_{1}{}^{2}\;\overline{y_{e}}\;g_{1}{}^{2}\;\overline{y_{e}}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}^{2}\;g_{1}{}
                                                                                                                                                                                                                    g_{1}{}^{2}\;c_{\gamma}{}^{2}\;\overline{y_{e}}{}^{\text{pil}}\;y_{e}{}^{\text{pi2}}\;\mathsf{LF}_{2,1,1,-1}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{\tilde{l}}^{\,\,p}\big]\,+\,\frac{1}{4}\;g_{1}{}^{2}\;s_{\gamma}{}^{2}\;\widetilde{\mu}^{2}\;\overline{y_{e}}{}^{\text{pil}}\;y_{e}{}^{\text{pi2}}\;\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{\tilde{l}}^{\,\,p}\big]\,-\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\frac{1}{4}\;g_{1}{}^{2}\;s_{\gamma}{}^{2}\;\widetilde{\mu}^{2}\;\overline{y_{e}}{}^{\text{pil}}\;y_{e}{}^{\text{pil}}\;\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{\tilde{l}}^{\,\,p}\big]\,-\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,\mathsf{m}_{1}^{\,\,p}\big]\,+\,\mathsf{LF}_{2,1,1,0}\big[\tilde{\mu}\,,\,\mathsf{m}_{1}\,,\,
                                                                                                                                                                                                               g_{2}{}^{2}\,c_{\gamma}{}^{2}\,\overline{y_{e}}{}^{\text{pil}}\,y_{e}{}^{\text{pil}}\,LF_{2,1,1,-1}\big[\tilde{\mu}\,,\,m_{2}\,,\,m_{\tilde{l}}{}^{\text{p}}\big]\,+\,\frac{3}{4}\,g_{2}{}^{2}\,S_{\gamma}{}^{2}\,\tilde{\mu}^{2}\,\overline{y_{e}}{}^{\text{pil}}\,y_{e}{}^{\text{pil}}\,LF_{2,1,1,0}\big[\tilde{\mu}\,,\,m_{2}\,,\,m_{\tilde{l}}{}^{\text{p}}\big]\,+\,\frac{3}{4}\,g_{2}{}^{2}\,S_{\gamma}{}^{2}\,\tilde{\mu}^{2}\,\overline{y_{e}}{}^{\text{pil}}\,y_{e}{}^{\text{pil}}\,LF_{2,1,1,0}\big[\tilde{\mu}\,,\,m_{2}\,,\,m_{\tilde{l}}{}^{\text{p}}\big]\,+\,\frac{3}{4}\,g_{2}{}^{2}\,S_{\gamma}{}^{2}\,\tilde{\mu}^{2}\,\overline{y_{e}}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil}}\,S_{\gamma}{}^{\text{pil
                                                                                                                                                               \frac{1}{4} \; g_1^2 \; y_e^{pi2} \; (m_1 \; c_\gamma - s_\gamma \, \widetilde{\mu}) \; \left( c_\gamma \; \overline{a_e}^{pi1} - s_\gamma \, \widetilde{\mu} \; \overline{y_e}^{pi1} \right) \; \mathsf{LF}_{1,1,1,1,0} \left[ m_1, \; m_{\tilde{e}}^{\; i1}, \; m_{\tilde{\ell}}^{\; p}, \; \widetilde{\mu} \right] \; + \; \mathsf{LF}_{1,1,1,1,0} \left[ m_1, \; m_{\tilde{e}}^{\; i1}, \; m
                                                                                                                                                                    \frac{1}{8}\;g_{1}^{2}\;y_{e}^{\text{pi2}}\;\left(\text{m}_{1}\;c_{\gamma}+s_{\gamma}\;\widetilde{\mu}\right)\;\left(c_{\gamma}\;\overline{a_{e}}^{\text{pi1}}-s_{\gamma}\;\widetilde{\mu}\;\overline{y_{e}}^{\text{pi1}}\right)\;\text{LF}_{2,1,1,1,-1}\!\left[\text{m}_{1},\;m_{\tilde{e}}^{\text{-i1}},\;m_{\tilde{l}}^{\text{-p}},\;\widetilde{\mu}\right]+\frac{1}{8}\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}\right)\left(c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text{-1}}+c_{\gamma}^{\text
                                                                                                                                                                    \frac{1}{4} \; g_{1}^{2} \; \overline{y_{e}}^{\text{pil}} \; \left( \mathsf{m}_{1} \; \mathsf{c}_{\gamma} - \mathsf{s}_{\gamma} \, \widetilde{\mu} \right) \; \left( \mathsf{c}_{\gamma} \; \mathsf{a}_{e}^{\text{pi2}} - \mathsf{s}_{\gamma} \, \widetilde{\mu} \; \mathsf{y}_{e}^{\text{pi2}} \right) \; \mathsf{LF}_{1,1,1,1,0} \left[ \mathsf{m}_{1} \; , \; \mathsf{m}_{\tilde{e}}^{\text{-i2}} \; , \; \mathsf{m}_{\tilde{l}}^{\text{-p}} \; , \; \widetilde{\mu} \right] \; + \; \mathsf{m}_{\tilde{e}}^{\text{-i2}} \; \mathsf{m}_{\tilde{l}}^{\text{-i2}} \; , \; 
                                                                                                                                                               \frac{1}{8} \; g_{1}^{\; 2} \; \overline{y_{e}}^{\text{pil}} \; \left( \, m_{1} \; c_{\gamma} + s_{\gamma} \; \widetilde{\mu} \right) \; \left( \, c_{\gamma} \; a_{e}^{\, \text{pi2}} - s_{\gamma} \; \widetilde{\mu} \; y_{e}^{\, \text{pi2}} \right) \; \text{LF}_{2,1,1,1,-1} \big[ \, m_{1} \; , \; m_{\tilde{e}}^{\, \text{i2}} \; , \; m_{\tilde{l}}^{\, \text{p}} \; , \; \widetilde{\mu} \, \big] \; + \; ( \, m_{1} \; c_{\gamma} + s_{\gamma} \; \widetilde{\mu} ) \; \left( \, c_{\gamma} \; a_{e}^{\, \text{pi2}} - s_{\gamma} \; \widetilde{\mu} \; y_{e}^{\, \text{pi2}} \right) \; \text{LF}_{2,1,1,1,-1} \big[ \, m_{1} \; , \; m_{\tilde{e}}^{\, \text{i2}} \; , \; m_{\tilde{l}}^{\, \text{p}} \; , \; \widetilde{\mu} \, \big] \; + \; ( \, m_{1} \; c_{\gamma} + s_{\gamma} \; \widetilde{\mu} ) \; \left( \, c_{\gamma} \; a_{e}^{\, \text{pi2}} - s_{\gamma} \; \widetilde{\mu} \; y_{e}^{\, \text{pi2}} \right) \; \text{LF}_{2,1,1,1,-1} \big[ \, m_{1} \; , \; m_{\tilde{e}}^{\, \text{i2}} \; , \; m_{\tilde{l}}^{\, \text{pi3}} \; , \; \widetilde{\mu} \, \big] \; + \; ( \, m_{1} \; c_{\gamma} + s_{\gamma} \; \widetilde{\mu} ) \; \left( \, c_{\gamma} \; a_{e}^{\, \text{pi3}} - s_{\gamma} \; \widetilde{\mu} \; , \; \widetilde{\mu} \; \right) \; + \; ( \, m_{1} \; c_{\gamma} + s_{\gamma} \; \widetilde{\mu} ) \; \left( \, c_{\gamma} \; a_{e}^{\, \text{pi3}} - s_{\gamma} \; \widetilde{\mu} \; , \; \widetilde{\mu} \; \right) \; + \; ( \, m_{1} \; c_{\gamma} + s_{\gamma} \; \widetilde{\mu} ) \; \left( \, c_{\gamma} \; a_{e}^{\, \text{pi3}} - s_{\gamma} \; \widetilde{\mu} \; , \; \widetilde{\mu} \; \right) \; + \; ( \, m_{1} \; c_{\gamma} + s_{\gamma} \; \widetilde{\mu} ) \; \left( \, c_{\gamma} \; a_{e}^{\, \text{pi3}} - s_{\gamma} \; \widetilde{\mu} \; , \; \widetilde{\mu} \; , \; \widetilde{\mu} \; \right) \; + \; ( \, m_{1} \; c_{\gamma} + s_{\gamma} \; \widetilde{\mu} ) \; \left( \, c_{\gamma} \; a_{e}^{\, \text{pi3}} - s_{\gamma} \; \widetilde{\mu} \; , \; \widetilde{\mu} \; , \; \widetilde{\mu} \; \right) \; + \; ( \, m_{1} \; c_{\gamma} + s_{\gamma} \; \widetilde{\mu} ) \; \left( \, c_{\gamma} \; a_{e}^{\, \text{pi3}} - s_{\gamma} \; \widetilde{\mu} \; , \; \widetilde{\mu} \; , \; \widetilde{\mu} \; , \; \widetilde{\mu} \; \right) \; + \; ( \, m_{1} \; c_{\gamma} + s_{\gamma} \; \widetilde{\mu} ) \; \left( \, c_{\gamma} \; a_{e}^{\, \text{pi3}} - s_{\gamma} \; \widetilde{\mu} \; , \; \widetilde{\mu} \; , \; \widetilde{\mu} \; , \; \widetilde{\mu} \; , \; \widetilde{\mu} \; \right) \; + \; ( \, m_{1} \; c_{\gamma} + s_{\gamma} \; \widetilde{\mu} \; , \; \widetilde{\mu
                                                                                                                                                                                                               c_{\text{Y}}\,\overline{y_{\text{e}}}^{\text{sil}}\,y_{\text{e}}^{\,\text{pi2}}\,\overline{a_{\text{e}}}^{\text{pr}}\,\left(-\,c_{\text{Y}}\,a_{\text{e}}^{\,\text{sr}}\,+\,s_{\text{Y}}\,\widetilde{\mu}\,y_{\text{e}}^{\,\text{sr}}\right)\,\mathsf{LF}_{2,1,1,1,-1}\big[\,\mathsf{m}_{\tilde{\text{e}}}^{\,\text{r}}\,,\,\mathsf{m}_{\tilde{\text{l}}}^{\,\text{p}}\,,\,\mathsf{m}_{\tilde{\text{l}}}^{\,\text{s}}\,,\,\,\widetilde{\mu}\,\big]\,+\,\mathsf{LF}_{2,1,1,1,-1}\big[\,\mathsf{m}_{\tilde{\text{e}}}^{\,\text{r}}\,,\,\mathsf{m}_{\tilde{\text{l}}}^{\,\text{p}}\,,\,\,\mathsf{m}_{\tilde{\text{l}}}^{\,\text{s}}\,,\,\,\widetilde{\mu}\,\big]
                                                                                                                                                                                                               s_{\gamma}\,\widetilde{\mu}\,\overline{y_{e}}^{\text{pil}}\,\overline{y_{e}}^{\text{rs}}\,y_{e}^{\text{ri2}}\,\left(c_{\gamma}\,a_{e}^{\text{ps}}-s_{\gamma}\,\widetilde{\mu}\,y_{e}^{\text{ps}}\right)\,LF_{2,1,1,1,-1}\big[m_{\tilde{e}}^{\text{s}},\,m_{\tilde{l}}^{\text{p}},\,m_{\tilde{l}}^{\text{r}},\,\widetilde{\mu}\big]+c_{\gamma}^{\text{ps}}
                                                                                                                                                                                                               g_1^2 y_e^{\text{pi2}} \left( \text{m}_1 c_{\gamma} + s_{\gamma} \widetilde{\mu} \right) \left( c_{\gamma} \overline{a_e^{\text{pi1}}} - s_{\gamma} \widetilde{\mu} \overline{y_e^{\text{pi1}}} \right) \text{LF}_{2,1,1,1,-1} \left[ \text{m}_{\tilde{e}}^{\text{-ii}}, \text{m}_1, \text{m}_{\tilde{l}}^{\text{-p}}, \widetilde{\mu} \right] + c_{\tilde{e}}^{\text{-ii}} \left( c_{\tilde{e}} \overline{a_e^{\text{-ii}}} - c_{\tilde{e}} \overline{a_e^{\text{-ii}}} \right) \left( c_{\tilde{e}} \overline{a_e^{\text{-ii}}} - c_{\tilde{e}
                                                                                                                                                                                                               \mathsf{g_1}^2 \; \mathsf{y_e}^{\mathsf{pi2}} \; \left( \mathsf{m_1} \; \mathsf{c_{\gamma}} + \mathsf{s_{\gamma}} \; \widetilde{\mu} \right) \; \left( \mathsf{c_{\gamma}} \; \overline{\mathsf{a_e}}^{\mathsf{pi1}} - \mathsf{s_{\gamma}} \, \widetilde{\mu} \; \overline{\mathsf{y_e}}^{\mathsf{pi1}} \right) \; \mathsf{LF_{2,1,1,1,-1}} \big[ \, \mathsf{m_{\tilde{l}}}^{\mathsf{p}} \, , \; \mathsf{m_1} \, , \; \mathsf{m_{\tilde{e}}}^{\mathsf{i1}} \, , \; \widetilde{\mu} \, \big] \; + \; \mathsf{m_{\tilde{e}}}^{\mathsf{pi1}} \, , \; \mathsf{m_{\tilde{e
                                                                                                                                                                                                                    g_{1}^{2}\left(c_{\gamma}\;\overline{a_{e}}^{\text{pil}}-s_{\gamma}\;\widetilde{\mu}\;\overline{y_{e}}^{\text{pil}}\right)\;\left(c_{\gamma}\;a_{e}^{\text{pi2}}-s_{\gamma}\;\widetilde{\mu}\;y_{e}^{\text{pi2}}\right)\;LF_{2,1,1,1,-1}\big[m_{\tilde{l}}^{\;p},\;m_{1},\;m_{\tilde{e}}^{\;i2},\;m_{\tilde{e}}^{\;i1}\big]\;-m_{\tilde{e}}^{\;i1}
                                                                                                                                                                                                                    g_1{}^2\;\overline{y_e}^{\text{pil}}\;\left(\text{m}_1\;c_{\scriptscriptstyle\gamma}+s_{\scriptscriptstyle\gamma}\;\widetilde{\mu}\right)\;\left(c_{\scriptscriptstyle\gamma}\;a_e{}^{\text{pi2}}-s_{\scriptscriptstyle\gamma}\;\widetilde{\mu}\;y_e{}^{\text{pi2}}\right)\;\text{LF}_{2,1,1,1,-1}\!\left[\text{m}_{\tilde{l}}{}^{\text{p}},\;\text{m}_1,\;\text{m}_{\tilde{e}}{}^{\text{i2}},\;\widetilde{\mu}\right]\;-1
                                                                                                                                                                                                                    \mathbf{g_1}^2 \ \mathbf{y_e^{pi2}} \ (\mathbf{m_1} \ \mathbf{c_{\scriptscriptstyle Y}} + \mathbf{s_{\scriptscriptstyle Y}} \ \widetilde{\boldsymbol{\mu}}) \ \left(\mathbf{c_{\scriptscriptstyle Y}} \ \overline{\mathbf{a_e}}^{pi1} - \mathbf{s_{\scriptscriptstyle Y}} \ \widetilde{\boldsymbol{\mu}} \ \overline{\mathbf{y_e}}^{pi1}\right) \ \mathbf{LF_{2,1,1,1,-1}} \big[\widetilde{\boldsymbol{\mu}} \ , \ \mathbf{m_1} \ , \ \mathbf{m_{\scriptscriptstyle \tilde{e}}}^{i1} \ , \ \mathbf{m_{\scriptscriptstyle \tilde{1}}}^p\big] \ - \mathbf{m_{\scriptscriptstyle \tilde{e}}}^{i1} \ , \ 
                                                                                                                                                                                                                    g_{1}^{2}\,\overline{y_{e}}^{pi1}\,\left(\mathsf{m}_{1}\,\,\mathsf{c}_{\gamma}\,+\,\mathsf{s}_{\gamma}\,\widetilde{\mu}\right)\,\left(\mathsf{c}_{\gamma}\,\,\mathsf{a}_{e}^{\,pi2}\,-\,\mathsf{s}_{\gamma}\,\widetilde{\mu}\,\,\mathsf{y}_{e}^{\,pi2}\right)\,\mathsf{LF}_{2,1,1,1,-1}\!\left[\widetilde{\mu}\,,\,\,\mathsf{m}_{1}\,,\,\,\mathsf{m}_{\bar{e}}^{\,i2}\,,\,\,\mathsf{m}_{\bar{l}}^{\,p}\right]\right)
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