$$\begin{split} & m_{H}^{n_{H}} + h \left(\frac{1}{4} \, m_{H}^{n_{H}} \left(g_{1}^{2} + 3 \, g_{2}^{2}\right) \left(c_{\gamma}^{2} + s_{\gamma}^{2}\right) + \frac{1}{2} \, \sum_{D} c_{2\gamma} \, g_{1}^{2} \, LF_{1,0} \left[m_{0}^{d}\right] - 3 \, c_{\gamma}^{2} \, \overline{y} \, \overline{g}^{pr} \, V_{F} \right] - L_{1,0} \left[m_{0}^{d}\right] + \left(-c_{\gamma}^{2} \, \overline{y}_{O}^{pr} \, V_{F}^{pr} \, - \frac{1}{2} \, \sum_{D} c_{2\gamma} \, g_{1}^{2} \, LF_{1,0} \left[m_{0}^{d}\right] + \left(-3 \, c_{\gamma}^{2} \, \overline{y}_{O}^{pr} \, V_{F}^{pr} - 3 \, c_{\gamma}^{2} \, \overline{y}_{O}^{pr} \, V_{F}^{pr} \, V_{F}^$$