$$\begin{split} & \frac{\partial h}{\partial t} = \frac{\partial h}{\partial t} \\ & \left(\frac{1}{24} \sum_{p} c_{2\gamma} \, g_{1}^{2} \, g_{3}^{2} \, LF_{3,\theta} \left[m_{d}^{-p} \right] - \frac{1}{24} \sum_{p} c_{2\gamma} \, g_{1}^{2} \, g_{3}^{2} \, LF_{4,-1} \left[m_{d}^{-p} \right] - \frac{1}{4} \, g_{3}^{2} \, c_{\gamma}^{2} \, \overline{y}_{d}^{pr} \, y_{d}^{pr} \, LF_{4,-1} \left[m_{d}^{-r} \right] + \frac{1}{4} \, g_{3}^{2} \\ & c_{\gamma}^{2} \, \overline{y}_{d}^{pr} \, y_{d}^{pr} \, LF_{4,-1} \left[m_{d}^{-r} \right] + \frac{1}{24} \, g_{3}^{2} \, \left(-6 \, c_{\gamma}^{2} \, \overline{y}_{d}^{pr} \, y_{d}^{pr} -6 \, s_{\gamma}^{2} \, \overline{y}_{u}^{pr} \, y_{u}^{pr} + \sum_{p} c_{2\gamma} \, g_{1}^{2} \, \right) \, LF_{3,\theta} \left[m_{u}^{-p} \right] + \\ & \frac{1}{24} \, g_{3}^{2} \, \left(6 \, c_{\gamma}^{2} \, \overline{y}_{d}^{pr} \, y_{d}^{pr} +6 \, s_{\gamma}^{2} \, \overline{y}_{u}^{pr} \, y_{u}^{pr} - \sum_{p} c_{2\gamma} \, g_{1}^{2} \, \right) \, LF_{4,-1} \left[m_{u}^{-p} \right] - \frac{1}{12} \, \sum_{p} c_{2\gamma} \, g_{1}^{2} \, g_{3}^{2} \, LF_{3,\theta} \left[m_{u}^{-p} \right] + \\ & \frac{1}{12} \, \sum_{p} c_{2\gamma} \, g_{1}^{2} \, g_{3}^{2} \, LF_{4,-1} \left[m_{u}^{-p} \right] - \frac{1}{4} \, g_{3}^{2} \, s_{\gamma}^{2} \, \overline{y}_{u}^{pr} \, y_{u}^{pr} \, LF_{3,\theta} \left[m_{u}^{-r} \right] + \frac{1}{4} \, g_{3}^{2} \, s_{\gamma}^{2} \, \overline{y}_{u}^{pr} \, y_{u}^{pr} \, LF_{4,-1} \left[m_{u}^{-p} \right] - \\ & \frac{1}{4} \, g_{3}^{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_{2,2,\theta} \left[m_{u}^{-r} \, , m_{u}^{-p} \right] - \\ & \frac{1}{4} \, g_{3}^{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_{3,1,\theta} \left[m_{u}^{-r} \, , m_{u}^{-p} \right] + \\ & \frac{1}{4} \, g_{3}^{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_{4,1,-1} \left[m_{d}^{-r} \, , m_{u}^{-p} \right] - \\ & \frac{1}{4} \, g_{3}^{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_{4,1,-1} \left[m_{d}^{-r} \, , m_{u}^{-r} \right] + \\ & \frac{1}{4} \, g_{3}^{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_{4,1,-1} \left[m_{u}^{-r} \, , m_{u}^{-r} \right] - \\ & \frac{1}{4} \, g_{3}^{2} \, \left(c$$