```
g_1 \rightarrow g_1
g_2 \rightarrow g_2
g_3 \rightarrow g_3
M_H^2 \rightarrow m_H^2
Y_d^{i1}_{-i2} \rightarrow c_{\vee} y_d^{i1i2}
Y_e^{i1_-i2_-} \rightarrow c_{\gamma} Y_e^{i1i2}
Y_u^{i1}_{-i2} \rightarrow s_y y_u^{i1i2}
\lambda \rightarrow \frac{1}{4} c_{2\gamma}^2 \left( g_1^2 + g_2^2 \right)
C_{dH}^{i_1-i_2-} \rightarrow \frac{1}{8} S_{4\gamma} S_{\gamma} \frac{1}{m_0^2} y_d^{i_1i_2} (g_1^2 + g_2^2)
C_{eH}^{i1}_{-i2}^{-i2} \rightarrow \frac{1}{8} S_{4\gamma} S_{\gamma} \frac{1}{m_e^2} y_e^{i1i2} (g_1^2 + g_2^2)
C_{H} \rightarrow \frac{1}{64} \frac{1}{m^{2}} S_{4} \gamma^{2} (g_{1}^{2} + g_{2}^{2})^{2}
C_{le}^{i1}_{-i2}_{-i3}_{-i4}^{i4}_{-} \rightarrow -\frac{1}{2} \frac{1}{m_e^2} S_{\gamma}^2 \overline{y_e}^{i2i3} y_e^{i1i4}_{-i4}
C_{\text{ledq}}^{i1}_{-i2}^{i2}_{-i3}^{i3}_{-i4}^{-} 
ightarrow rac{1}{m_{o}^{2}} \, S_{\gamma}^{2} \, \overline{y_{d}}^{i4i3} \, y_{e}^{i1i2}_{-i4i3}
C_{\text{lequ}}^{(1)} ^{\text{i1}} ^{\text{i2}} ^{\text{i3}} ^{\text{i4}} ^{\text{-}} \rightarrow s_{\gamma} c_{\gamma} \frac{1}{m_{\gamma}^2} y_e^{\text{i1i2}} y_u^{\text{i3i4}}
C_{qd}^{(1)} i1_{-}i2_{-}i3_{-}i4_{-} \rightarrow -\frac{1}{6} \frac{1}{m_{m}^{2}} s_{\gamma}^{2} \overline{y_{d}}^{i2i3} y_{d}^{i1i4}
C_{qd}^{(8)} i1_{-}i2_{-}i3_{-}i4_{-} \rightarrow -\frac{1}{m_{\rm m}^2} S_{\gamma}^2 \overline{y_d}^{i2i3} y_d^{i1i4}
C_{qu}^{(1)\,i\,1}_{-12_{-}i\,3_{-}i\,4_{-}} 
ightarrow -rac{1}{6}\,\,rac{1}{m_{m}^{\,2}}\,\,c_{\gamma}^{\,2}\,\,\overline{y_{u}}^{i\,2\,i\,3}\,\,y_{u}^{\,i\,1\,i\,4}
C_{qu}^{\,(8)\,i\,1}_{-12_{-}i\,3_{-}i\,4_{-}} 
ightarrow - rac{1}{m_{\pi}^{\,2}} \; c_{\gamma}^{\,2} \; \overline{y_{u}}^{i\,2i\,3} \; y_{u}^{\,i\,1i\,4}
C_{quqd}^{(1)} ^{i1}_{-i2}_{-i3}^{-i4}_{-i4} \rightarrow -s_{\gamma} c_{\gamma} \frac{1}{m_{s}^{2}} y_{d}^{i3i4} y_{u}^{i1i2}
C_{uH}^{i_1-i_2} \rightarrow -\frac{1}{8} s_{4\gamma} c_{\gamma} \frac{1}{m_0^2} y_u^{i_1i_2} (g_1^2 + g_2^2)
C_{H^2} \rightarrow - m_H^2
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