$$g_1 \to g_1 + \frac{1}{16\,\pi^2}\,\left(\frac{19}{12}\,{g_1}^3 - \frac{1}{6}\,\sum_p {g_1}^3\,\mathrm{LF}_{2,0}\left[m_{\tilde{d}}{}^p\right] + \frac{1}{9}\,\sum_p {g_1}^3\,\mathrm{LF}_{3,-1}\left[m_{\tilde{d}}{}^p\right] - \right.$$
$$\frac{1}{2}\,\sum_p {g_1}^3\,\mathrm{LF}_{2,0}\left[m_{\tilde{e}}{}^p\right] + \frac{1}{3}\,\sum_p {g_1}^3\,\mathrm{LF}_{3,-1}\left[m_{\tilde{e}}{}^p\right] - \frac{1}{4}\,\sum_p {g_1}^3\,\mathrm{LF}_{2,0}\left[m_{\tilde{l}}{}^p\right] + \frac{1}{6}\,\sum_p {g_1}^3\,\mathrm{LF}_{3,-1}\left[m_{\tilde{l}}{}^p\right] -$$
$$\frac{1}{12}\,\sum_p {g_1}^3\,\mathrm{LF}_{2,0}\left[m_{\tilde{q}}{}^p\right] + \frac{1}{18}\,\sum_p {g_1}^3\,\mathrm{LF}_{3,-1}\left[m_{\tilde{q}}{}^p\right] - \frac{2}{3}\,\sum_p {g_1}^3\,\mathrm{LF}_{2,0}\left[m_{\tilde{u}}{}^p\right] +$$
$$\left.\frac{4}{9}\,\sum_p {g_1}^3\,\mathrm{LF}_{3,-1}\left[m_{\tilde{u}}{}^p\right] - \frac{1}{4}\,{g_1}^3\,\mathrm{LF}_{2,0}\left[m_{\Phi}\right] + \frac{1}{6}\,{g_1}^3\,\mathrm{LF}_{3,-1}\left[m_{\Phi}\right] - \frac{1}{3}\,{g_1}^3\,\mathrm{LF}_{3,-1}\left[\tilde{\mu}\right]\right)$$