$$\mathcal{L}_S = \mathcal{L}_S^2 + \mathcal{L}_S^4 + \cdots = \frac{F_\pi{}^2}{4} \overbrace{\langle D_\mu U D^\mu U^\dagger + \chi U^\dagger + U \chi^\dagger \rangle}^{\pi \to l\nu,\ \pi\pi \to \pi\pi,\ K \to \pi..} + \overbrace{\sum_i L_i O_i}^{K \to \pi..} + \cdots$$