| Class | Operator | Wilson Coefficient |
|---|---|---|
| $\mathcal{L}_6^{(4)} - X^2H^2$ (CP-even) | $H^\dagger H W^i_{\mu\nu} W^{i\mu\nu}$ | $c_{\mathrm{HW}}$ |
| | $H^\dagger H W^i_{\mu\nu} B^{i\mu\nu}$ | $c_{\mathrm{HWB}}$ |
| | $H^\dagger H B_{\mu\nu} B^{\mu\nu}$ | $c_{\mathrm{HB}}$ |
| | $H^\dagger H G^a_{\mu\nu} G^{a\mu\nu}$ | $c_{\mathrm{HG}}$ |
| $\mathcal{L}_6^{(4)} - X^2H^2$ (CP-odd) | $H^\dagger H \tilde{W}^i_{\mu\nu} W^{i\mu\nu}$ | $c_{\mathrm{H\tilde{W}}}$ |
| | $H^\dagger H \tilde{W}^i_{\mu\nu} B^{i\mu\nu}$ | $c_{\mathrm{H\tilde{W}B}}$ |
| | $H^\dagger H \tilde{B}_{\mu\nu} B^{\mu\nu}$ | $c_{\mathrm{H\tilde{B}}}$ |
| | $H^\dagger H \tilde{G}^a_{\mu\nu} G^{a\mu\nu}$ | $c_{\mathrm{H\tilde{G}}}$ |
| $\mathcal{L}_6^{(3)} - H^4D^2$ | $(H^\dagger H)\Box(H^\dagger H)$ | $c_{\mathrm{H}\Box}$ |
| | $(D^\mu H^\dagger H)(H^\dagger D_\mu H)$ | $c_{\mathrm{HD}}$ |