

Operator $\mathcal{O}_i$	Wilson coefficient
--------------------------	--------------------

Gauge boson self-interaction

$\epsilon^{IJK} W_{\mu}^{I\nu} W_{\nu}^{J\rho} W_{\rho}^{K\mu}$	c_W
$\Phi^{\dagger} \Phi W_{I\mu\nu} W^{I\mu\nu}$	c_{HW}
$\Phi^{\dagger} \Phi B_{\mu\nu} B^{\mu\nu}$	c_{HB}
$\Phi^{\dagger} \tau^I \Phi W_{\mu\nu}^I B^{\mu\nu}$	c_{HWB}
$(\Phi^{\dagger} \Phi) \square (\Phi^{\dagger} \Phi)$	$c_{H\square}$
$(\Phi^{\dagger} D_{\mu} \Phi)^* (\Phi^{\dagger} D^{\mu} \Phi)$	c_{HDD}

Gauge boson and fermion interaction

$(\Phi^{\dagger} i \overleftrightarrow{D}_{\mu}^I \Phi) (\bar{q}_p \tau^I \gamma^{\mu} q_r)$	c_{Hq3}
$(\Phi^{\dagger} i \overleftrightarrow{D}_{\mu} \Phi) (\bar{q}_p \gamma^{\mu} q_r)$	c_{Hq1}
$(\Phi^{\dagger} i \overleftrightarrow{D}_{\mu} \Phi) (\bar{u}_p \gamma^{\mu} u_r)$	c_{Hu}
$(\Phi^{\dagger} i \overleftrightarrow{D}_{\mu} \Phi) (\bar{d}_p \gamma^{\mu} d_r)$	c_{Hd}
$(\Phi^{\dagger} i \overleftrightarrow{D}_{\mu}^I \Phi) (\bar{\ell}_p \tau^I \gamma^{\mu} \ell_r)$	$c_{H\ell3}$

Four-fermion interaction

$(\bar{\ell}_p \gamma_{\mu} \ell_r) (\bar{\ell}_s \gamma^{\mu} \ell_t)$	$c_{\ell\ell1}$
---	-----------------