Operator	Definition	Wilson coefficient
	Two-quark + boson operators	
$\ddagger O_{\mathrm{u}\varphi}^{(ij)}$	$\overline{\mathrm{q}}_i \mathrm{u}_j \tilde{\varphi}\,(\varphi^\dagger \varphi)$	$c_{\mathrm{t}\varphi}$
$O_{\varphi\mathrm{q}}^{1(ij)}$	$(\varphi^\dagger i\overleftrightarrow{D}_\mu \varphi)(\overline{\mathrm{q}}_i \gamma^\mu \mathrm{q}_j)$	$c_{\varphi Q}^{-}$
$O_{\varphi\mathrm{u}}^{(ij)}$	$(\varphi^\dagger i\overleftrightarrow{D}_\mu \varphi)(\overline{\mathrm{u}}_i \gamma^\mu \mathrm{u}_j)$	$c_{\varphi\mathrm{t}}$
$\ddagger O_{\mathrm{uW}}^{(ij)}$	$(\overline{\mathrm{q}}_i \sigma^{\mu\nu} \tau^I \mathrm{u}_j)\,\tilde{\varphi} \mathrm{W}_{\mu\nu}^I$	$c_W c_{\mathrm{tA}} - s_W c_{\mathrm{tZ}}$
$\ddagger O_{\mathrm{uB}}^{(ij)}$	$(\overline{\mathrm{q}}_i \sigma^{\mu\nu} \mathrm{u}_j) \quad \tilde{\varphi} \mathrm{B}_{\mu\nu}$	$c_W c_{\mathrm{tZ}} + s_W c_{\mathrm{tA}}$
$\ddagger O_{\mathrm{uG}}^{(ij)}$	$(\overline{\mathrm{q}}_i \sigma^{\mu\nu} T^A \mathrm{u}_j)\,\tilde{\varphi} G_{\mu\nu}^A$	c_{tG}
	Two-quark-two-lepton operators	
$O_{\ell\mathrm{q}}^{1(ijkl)}$	$(\overline{\ell}_i \gamma^\mu \ell_j)(\overline{\mathrm{q}}_k \gamma^\mu \mathrm{q}_\ell)$	$c_{Q\ell}^{-(\ell)}$
$O_{\ell\mathrm{u}}^{(ijkl)}$	$(\overline{\ell}_i \gamma^\mu \ell_j)(\overline{\mathrm{u}}_k \gamma^\mu \mathrm{u}_\ell)$	$c_{\mathrm{t}\ell}^{(\ell)}$
$O_{\mathrm{e}\overline{\mathrm{q}}}^{(ijkl)}$	$(\bar{\mathrm{e}}_i \gamma^\mu \mathrm{e}_j)(\overline{\mathrm{q}}_k \gamma^\mu \mathrm{q}_\ell)$	$c_{Q\mathrm{e}}^{(\ell)}$
$O_{\mathrm{eu}}^{(ijkl)}$	$(\bar{\mathrm{e}}_i \gamma^\mu \mathrm{e}_j)(\overline{\mathrm{u}}_k \gamma^\mu \mathrm{u}_\ell)$	$c_{\mathrm{te}}^{(\ell)}$
$\ddagger O_{\ell\mathrm{equ}}^{1(ijkl)}$	$(\overline{\ell}_i \mathrm{e}_j)\,\varepsilon\,(\overline{\mathrm{q}}_k \mathrm{u}_\ell)$	$c_{\mathrm{t}}^{S(\ell)}$
$\ddagger O_{\ell\mathrm{equ}}^{3(ijkl)}$	$(\overline{\ell}_i \sigma^{\mu\nu} \mathrm{e}_j)\,\varepsilon\,(\overline{\mathrm{q}}_k \sigma_{\mu\nu} \mathrm{u}_\ell)$	$c_{\mathrm{t}}^{T(\ell)}$