Operator	Definition	WC
$\ddagger O_{u\varphi}^{(ij)}$	$\overline{q}_i u_j \tilde{\varphi} \, (\varphi^\dagger \varphi)$	$c_{t\varphi} + i c_{t\varphi}^I$
$O_{\varphi q}^{(ij)}$	$(\varphi^\dagger i \overleftrightarrow{D}_\mu \varphi)(\overline{q}_i \gamma^\mu q_j)$	$c_{\varphi Q}^- + c_{\varphi Q}^3$
$O_{\varphi q}^{3(ij)}$	$(\varphi^\dagger i \overleftrightarrow{D}_\mu^I \varphi)(\overline{q}_i \gamma^\mu \tau^I q_j)$	$c_{\varphi Q}^3$
$O_{\varphi u}^{(ij)}$	$(\varphi^\dagger i \overleftrightarrow{D}_\mu \varphi)(\overline{u}_i \gamma^\mu u_j)$	$c_{\varphi t}$
$\ddagger O_{\varphi ud}^{(ij)}$	$(\tilde{\varphi}^\dagger i D_\mu \varphi)(\overline{u}_i \gamma^\mu d_j)$	$c_{\varphi tb} + i c_{\varphi tb}^I$
$\ddagger O_{uW}^{(ij)}$	$(\overline{q}_i \sigma^{\mu\nu} \tau^I u_j) \, \tilde{\varphi} W_{\mu\nu}^I$	$c_{tW} + i c_{tW}^I$
$\ddagger O_{dW}^{(ij)}$	$(\overline{q}_i \sigma^{\mu\nu} \tau^I d_j) \, \varphi W_{\mu\nu}^I$	$c_{bW} + i c_{bW}^I$
$\ddagger O_{uB}^{(ij)}$	$(\overline{q}_i \sigma^{\mu\nu} u_j) \, \tilde{\varphi} B_{\mu\nu}$	$\frac{\mathcal{C}_W}{\mathcal{S}_W}(c_{tW} + i c_{tW}^I)$ $- \frac{1}{\mathcal{S}_W}(c_{tZ} + i c_{tZ}^I)$