

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