

Operator	Definition	Wilson coefficient	Operator	Definition	Wilson coefficient
$\mathcal{O}_{\text{Hq}}^{(1)}$	$i\text{H}^\dagger \overleftrightarrow{D}_\mu \text{H} \bar{\text{q}}_{\text{L}} \gamma^\mu \text{q}_{\text{L}}$	$c_{\text{Hq}}^{(1)}$	\mathcal{O}_{HWB}	$\text{H}^\dagger \sigma^a \text{H} W_{\mu\nu}^a \text{B}^{\mu\nu}$	c_{HWB}
$\mathcal{O}_{\text{Hq}}^{(3)}$	$i\text{H}^\dagger \sigma^a \overleftrightarrow{D}_\mu \text{H} \bar{\text{q}}_{\text{L}} \sigma^a \gamma^\mu \text{q}_{\text{L}}$	$c_{\text{Hq}}^{(3)}$	$\mathcal{O}_{\text{H}\widetilde{\text{W}}\text{B}}$	$\text{H}^\dagger \sigma^a \text{H} W_{\mu\nu}^a \widetilde{\text{B}}^{\mu\nu}$	$c_{\text{H}\widetilde{\text{W}}\text{B}}$
\mathcal{O}_{Hu}	$i\text{H}^\dagger \overleftrightarrow{D}_\mu \text{H} \bar{\text{u}}_{\text{R}} \gamma^\mu \text{u}_{\text{R}}$	c_{Hu}	\mathcal{O}_{HW}	$(\text{H}^\dagger \text{H}) W_{\mu\nu}^a W^{a\mu\nu}$	c_{HW}
\mathcal{O}_{Hd}	$i\text{H}^\dagger \overleftrightarrow{D}_\mu \text{H} \bar{\text{d}}_{\text{R}} \gamma^\mu \text{d}_{\text{R}}$	c_{Hd}	$\mathcal{O}_{\text{H}\widetilde{\text{W}}}$	$(\text{H}^\dagger \text{H}) W_{\mu\nu}^a \widetilde{\text{W}}^{a\mu\nu}$	$c_{\text{H}\widetilde{\text{W}}}$
\mathcal{O}_{HD}	$(\text{H}^\dagger D^\mu \text{H})^* (\text{H}^\dagger D_\mu \text{H})$	c_{HD}	\mathcal{O}_{HB}	$(\text{H}^\dagger \text{H}) \text{B}_{\mu\nu} \text{B}^{\mu\nu}$	c_{HB}
$\mathcal{O}_{\text{H}\square}$	$(\text{H}^\dagger \text{H}) \square (\text{H}^\dagger \text{H})$	$c_{\text{H}\square}$	$\mathcal{O}_{\text{H}\widetilde{\text{B}}}$	$(\text{H}^\dagger \text{H}) \text{B}_{\mu\nu} \widetilde{\text{B}}^{\mu\nu}$	$c_{\text{H}\widetilde{\text{B}}}$