Operator $\mathcal{O}_j$	Wilson coefficient
Longitudinal operators	
$[(D_\mu\Phi)^\dagger D_\nu\Phi]\times[(D^\mu\Phi)^\dagger D^\nu\Phi]$	$f_{S,0}$
$[(D_\mu\Phi)^\dagger D^\mu\Phi]\times[(D_\nu\Phi)^\dagger D^\nu\Phi]$	$f_{S,1}$
$[(D_\mu\Phi)^\dagger D_\nu\Phi]\times[(D^\nu\Phi)^\dagger D^\mu\Phi]$	$f_{S,2}$
Transverse operators	
$\mathrm{Tr}[\hat{W}_{\mu\nu}\hat{W}^{\mu\nu}]\times\mathrm{Tr}[\hat{W}_{\alpha\beta}\hat{W}^{\alpha\beta}]$	$f_{T,0}$
$\mathrm{Tr}[\hat{W}_{\alpha\nu}\hat{W}^{\mu\beta}]\times\mathrm{Tr}[\hat{W}_{\mu\beta}\hat{W}^{\alpha\nu}]$	$f_{T,1}$
$\mathrm{Tr}[\hat{W}_{\alpha\mu}\hat{W}^{\mu\beta}]\times\mathrm{Tr}[\hat{W}_{\beta\nu}\hat{W}^{\nu\alpha}]$	$f_{T,2}$
$\mathrm{Tr}[\hat{W}_{\mu\nu}\hat{W}_{\alpha\beta}]\times\mathrm{Tr}[\hat{W}^{\alpha\nu}\hat{W}^{\mu\beta}]$	$f_{T,3}$
$\mathrm{Tr}[\hat{W}_{\mu\nu}\hat{W}_{\alpha\beta}]\times B^{\alpha\nu}B^{\mu\beta}$	$f_{T,4}$
$\mathrm{Tr}[\hat{W}_{\mu\nu}\hat{W}^{\mu\nu}]\times B_{\alpha\beta}B^{\alpha\beta}$	$f_{T,5}$
$\mathrm{Tr}[\hat{W}_{\alpha\nu}\hat{W}^{\mu\beta}]\times B_{\mu\beta}B^{\alpha\nu}$	$f_{T,6}$
$\mathrm{Tr}[\hat{W}_{\alpha\mu}\hat{W}^{\mu\beta}]\times B_{\beta\nu}B^{\nu\alpha}$	$f_{T,7}$
$B_{\mu\nu}B^{\mu\nu}\,B_{\alpha\beta}B^{\alpha\beta}$	$f_{T,8}$
$B_{\alpha\mu}B^{\mu\beta}\,B_{\beta\nu}B^{\nu\alpha}$	$f_{T,9}$
Mixed operators	
$\mathrm{Tr}[\hat{W}_{\mu\nu}\hat{W}^{\mu\nu}]\times[(D_\beta\Phi)^\dagger D^\beta\Phi]$	$f_{M,0}$
$\mathrm{Tr}[\hat{W}_{\mu\nu}\hat{W}^{\nu\beta}]\times[(D_\beta\Phi)^\dagger D^\mu\Phi]$	$f_{M,1}$
$[B_{\mu\nu}B^{\mu\nu}]\times[(D_\beta\Phi)^\dagger D^\beta\Phi]$	$f_{M,2}$
$[B_{\mu\nu}B^{\nu\beta}]\times[(D_\beta\Phi)^\dagger D^\mu\Phi]$	$f_{M,3}$
$[(D_\mu\Phi)^\dagger\hat{W}_{\beta\nu}D^\mu\Phi]\times B^{\beta\nu}$	$f_{M,4}$
$[(D_\mu\Phi)^\dagger\hat{W}_{\beta\nu}D^\nu\Phi]\times B^{\beta\mu}+\mathrm{H.c.}$	$f_{M,5}$
$[(D_\mu\Phi)^\dagger\hat{W}_{\beta\nu}\hat{W}^{\beta\mu}D^\nu\Phi]$	$f_{M,6}$