

Basis SMEFTsim_general (EFT SMEFT)

Basis used in the SMEFTsim_general UFO models, version 3.0.0 or later. Implements Warsaw basis with generic flavor indices for all fermions. q, u, d are the left- and right-handed quark fields. ℓ, e are left- and right-handed lepton fields. Quark fields are in the up-aligned basis. This basis definition corresponds to a fixed $\text{LambdaSMEFT}=1\text{e}+3$ in the UFO models. Notation and conventions can vary compared to the Warsaw basis paper, see arXiv:2012.11343 for all definitions.

Sectors

The effective Lagrangian is defined as

$$\mathcal{L}_{\text{eff}} = -\mathcal{H}_{\text{eff}} = \sum_{O_i=O_i^\dagger} C_i O_i + \sum_{O_i \neq O_i^\dagger} (C_i O_i + C_i^* O_i^\dagger).$$

dB=dL=0

WC name	Operator	Type
cG	$f^{ABC} G_\mu^{A\nu} G_\nu^{B\rho} G_\rho^{C\mu} / \text{TeV}^2$	R
cGtil	$f^{ABC} \tilde{G}_\mu^{A\nu} G_\nu^{B\rho} G_\rho^{C\mu} / \text{TeV}^2$	R
cW	$\varepsilon^{IJK} W_\mu^{I\nu} W_\nu^{J\rho} W_\rho^{K\mu} / \text{TeV}^2$	R
cWtil	$\varepsilon^{IJK} \tilde{W}_\mu^{I\nu} W_\nu^{J\rho} W_\rho^{K\mu} / \text{TeV}^2$	R
cH	$(H^\dagger H)^3 / \text{TeV}^2$	R
cHbox	$(H^\dagger H) \square (H^\dagger H) / \text{TeV}^2$	R
cHDD	$(D_\mu H^\dagger H) (H^\dagger D^\mu H) / \text{TeV}^2$	R
cHG	$G_{\mu\nu}^A G^{A\mu\nu} H^\dagger H / \text{TeV}^2$	R
cHGtil	$\tilde{G}_{\mu\nu}^A G^{A\mu\nu} H^\dagger H / \text{TeV}^2$	R
cHW	$W_{\mu\nu}^I W^{I\mu\nu} H^\dagger H / \text{TeV}^2$	R
cHWtil	$\tilde{W}_{\mu\nu}^I W^{I\mu\nu} H^\dagger H / \text{TeV}^2$	R
cHB	$B_{\mu\nu} B^{\mu\nu} H^\dagger H / \text{TeV}^2$	R
cHBtil	$\tilde{B}_{\mu\nu} B^{\mu\nu} H^\dagger H / \text{TeV}^2$	R
cHWB	$B_{\mu\nu} W^{I\mu\nu} H^\dagger \sigma^I H / \text{TeV}^2$	R
cHWBtil	$B_{\mu\nu} \tilde{W}^{I\mu\nu} H^\dagger \sigma^I H / \text{TeV}^2$	R
ceHRe11	$(\bar{\ell}_1 H e_1) (H^\dagger H) / \text{TeV}^2 + \text{h.c.}$	R
ceHRe22	$(\bar{\ell}_2 H e_2) (H^\dagger H) / \text{TeV}^2 + \text{h.c.}$	R
ceHRe33	$(\bar{\ell}_3 H e_3) (H^\dagger H) / \text{TeV}^2 + \text{h.c.}$	R
ceHRe12	$(\bar{\ell}_1 H e_2) (H^\dagger H) / \text{TeV}^2 + \text{h.c.}$	R
ceHRe13	$(\bar{\ell}_1 H e_3) (H^\dagger H) / \text{TeV}^2 + \text{h.c.}$	R
ceHRe21	$(\bar{\ell}_2 H e_1) (H^\dagger H) / \text{TeV}^2 + \text{h.c.}$	R
ceHRe23	$(\bar{\ell}_2 H e_3) (H^\dagger H) / \text{TeV}^2 + \text{h.c.}$	R
ceHRe31	$(\bar{\ell}_3 H e_1) (H^\dagger H) / \text{TeV}^2 + \text{h.c.}$	R
ceHRe32	$(\bar{\ell}_3 H e_2) (H^\dagger H) / \text{TeV}^2 + \text{h.c.}$	R
ceHIm11	$i(\bar{\ell}_1 H e_1) (H^\dagger H) / \text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
ceHIm22	$i(\bar{\ell}_2 H e_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
ceHIm33	$i(\bar{\ell}_3 H e_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
ceHIm12	$i(\bar{\ell}_1 H e_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
ceHIm13	$i(\bar{\ell}_1 H e_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
ceHIm21	$i(\bar{\ell}_2 H e_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
ceHIm23	$i(\bar{\ell}_2 H e_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
ceHIm31	$i(\bar{\ell}_3 H e_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
ceHIm32	$i(\bar{\ell}_3 H e_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHRe11	$(\bar{q}_1 \tilde{H} u_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHRe22	$(\bar{q}_2 \tilde{H} u_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHRe33	$(\bar{q}_3 \tilde{H} u_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHRe12	$(\bar{q}_1 \tilde{H} u_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHRe13	$(\bar{q}_1 \tilde{H} u_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHRe21	$(\bar{q}_2 \tilde{H} u_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHRe23	$(\bar{q}_2 \tilde{H} u_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHRe31	$(\bar{q}_3 \tilde{H} u_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHRe32	$(\bar{q}_3 \tilde{H} u_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHIm11	$i(\bar{q}_1 \tilde{H} u_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHIm22	$i(\bar{q}_2 \tilde{H} u_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHIm33	$i(\bar{q}_3 \tilde{H} u_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHIm12	$i(\bar{q}_1 \tilde{H} u_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHIm13	$i(\bar{q}_1 \tilde{H} u_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHIm21	$i(\bar{q}_2 \tilde{H} u_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHIm23	$i(\bar{q}_2 \tilde{H} u_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHIm31	$i(\bar{q}_3 \tilde{H} u_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cuHIm32	$i(\bar{q}_3 \tilde{H} u_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHRe11	$(\bar{q}_1 H d_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHRe22	$(\bar{q}_2 H d_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHRe33	$(\bar{q}_3 H d_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHRe12	$(\bar{q}_1 H d_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHRe13	$(\bar{q}_1 H d_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHRe21	$(\bar{q}_2 H d_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHRe23	$(\bar{q}_2 H d_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHRe31	$(\bar{q}_3 H d_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHRe32	$(\bar{q}_3 H d_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHIm11	$i(\bar{q}_1 H d_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHIm22	$i(\bar{q}_2 H d_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHIm33	$i(\bar{q}_3 H d_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHIm12	$i(\bar{q}_1 H d_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHIm13	$i(\bar{q}_1 H d_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHIm21	$i(\bar{q}_2 H d_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHIm23	$i(\bar{q}_2 H d_3)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cdHIm31	$i(\bar{q}_3 H d_1)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
cdHIm32	$i(\bar{q}_3 H d_2)(H^\dagger H)/\text{TeV}^2 + \text{h.c.}$	R
ceWRe11	$(\bar{\ell}_1 \sigma^I H \sigma^{\mu\nu} e_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWRe22	$(\bar{\ell}_2 \sigma^I H \sigma^{\mu\nu} e_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWRe33	$(\bar{\ell}_3 \sigma^I H \sigma^{\mu\nu} e_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWRe12	$(\bar{\ell}_1 \sigma^I H \sigma^{\mu\nu} e_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWRe13	$(\bar{\ell}_1 \sigma^I H \sigma^{\mu\nu} e_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWRe21	$(\bar{\ell}_2 \sigma^I H \sigma^{\mu\nu} e_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWRe23	$(\bar{\ell}_2 \sigma^I H \sigma^{\mu\nu} e_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWRe31	$(\bar{\ell}_3 \sigma^I H \sigma^{\mu\nu} e_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWRe32	$(\bar{\ell}_3 \sigma^I H \sigma^{\mu\nu} e_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWIm11	$i(\bar{\ell}_1 \sigma^I H \sigma^{\mu\nu} e_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWIm22	$i(\bar{\ell}_2 \sigma^I H \sigma^{\mu\nu} e_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWIm33	$i(\bar{\ell}_3 \sigma^I H \sigma^{\mu\nu} e_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWIm12	$i(\bar{\ell}_1 \sigma^I H \sigma^{\mu\nu} e_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWIm13	$i(\bar{\ell}_1 \sigma^I H \sigma^{\mu\nu} e_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWIm21	$i(\bar{\ell}_2 \sigma^I H \sigma^{\mu\nu} e_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWIm23	$i(\bar{\ell}_2 \sigma^I H \sigma^{\mu\nu} e_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWIm31	$i(\bar{\ell}_3 \sigma^I H \sigma^{\mu\nu} e_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceWIm32	$i(\bar{\ell}_3 \sigma^I H \sigma^{\mu\nu} e_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
ceBRe11	$(\bar{\ell}_1 H \sigma^{\mu\nu} e_1) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBRe22	$(\bar{\ell}_2 H \sigma^{\mu\nu} e_2) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBRe33	$(\bar{\ell}_3 H \sigma^{\mu\nu} e_3) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBRe12	$(\bar{\ell}_1 H \sigma^{\mu\nu} e_2) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBRe13	$(\bar{\ell}_1 H \sigma^{\mu\nu} e_3) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBRe21	$(\bar{\ell}_2 H \sigma^{\mu\nu} e_1) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBRe23	$(\bar{\ell}_2 H \sigma^{\mu\nu} e_3) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBRe31	$(\bar{\ell}_3 H \sigma^{\mu\nu} e_1) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBRe32	$(\bar{\ell}_3 H \sigma^{\mu\nu} e_2) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBIm11	$i(\bar{\ell}_1 H \sigma^{\mu\nu} e_1) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBIm22	$i(\bar{\ell}_2 H \sigma^{\mu\nu} e_2) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBIm33	$i(\bar{\ell}_3 H \sigma^{\mu\nu} e_3) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBIm12	$i(\bar{\ell}_1 H \sigma^{\mu\nu} e_2) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBIm13	$i(\bar{\ell}_1 H \sigma^{\mu\nu} e_3) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBIm21	$i(\bar{\ell}_2 H \sigma^{\mu\nu} e_1) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBIm23	$i(\bar{\ell}_2 H \sigma^{\mu\nu} e_3) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBIm31	$i(\bar{\ell}_3 H \sigma^{\mu\nu} e_1) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
ceBIm32	$i(\bar{\ell}_3 H \sigma^{\mu\nu} e_2) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuGRe11	$(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} T^A u_1) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGRe22	$(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} T^A u_2) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGRe33	$(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_3) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGRe12	$(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} T^A u_2) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cuGRe13	$(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} T^A u_3) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGRe21	$(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} T^A u_1) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGRe23	$(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} T^A u_3) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGRe31	$(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_1) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGRe32	$(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_2) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGIm11	$i(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} T^A u_1) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGIm22	$i(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} T^A u_2) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGIm33	$i(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_3) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGIm12	$i(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} T^A u_2) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGIm13	$i(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} T^A u_3) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGIm21	$i(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} T^A u_1) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGIm23	$i(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} T^A u_3) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGIm31	$i(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_1) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuGIm32	$i(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_2) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cuWRe11	$(\bar{q}_1 \sigma^I \tilde{H} \sigma^{\mu\nu} u_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWRe22	$(\bar{q}_2 \sigma^I \tilde{H} \sigma^{\mu\nu} u_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWRe33	$(\bar{q}_3 \sigma^I \tilde{H} \sigma^{\mu\nu} u_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWRe12	$(\bar{q}_1 \sigma^I \tilde{H} \sigma^{\mu\nu} u_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWRe13	$(\bar{q}_1 \sigma^I \tilde{H} \sigma^{\mu\nu} u_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWRe21	$(\bar{q}_2 \sigma^I \tilde{H} \sigma^{\mu\nu} u_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWRe23	$(\bar{q}_2 \sigma^I \tilde{H} \sigma^{\mu\nu} u_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWRe31	$(\bar{q}_3 \sigma^I \tilde{H} \sigma^{\mu\nu} u_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWRe32	$(\bar{q}_3 \sigma^I \tilde{H} \sigma^{\mu\nu} u_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWIm11	$i(\bar{q}_1 \sigma^I \tilde{H} \sigma^{\mu\nu} u_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWIm22	$i(\bar{q}_2 \sigma^I \tilde{H} \sigma^{\mu\nu} u_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWIm33	$i(\bar{q}_3 \sigma^I \tilde{H} \sigma^{\mu\nu} u_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWIm12	$i(\bar{q}_1 \sigma^I \tilde{H} \sigma^{\mu\nu} u_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWIm13	$i(\bar{q}_1 \sigma^I \tilde{H} \sigma^{\mu\nu} u_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWIm21	$i(\bar{q}_2 \sigma^I \tilde{H} \sigma^{\mu\nu} u_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWIm23	$i(\bar{q}_2 \sigma^I \tilde{H} \sigma^{\mu\nu} u_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWIm31	$i(\bar{q}_3 \sigma^I \tilde{H} \sigma^{\mu\nu} u_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuWIm32	$i(\bar{q}_3 \sigma^I \tilde{H} \sigma^{\mu\nu} u_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cuBRe11	$(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} u_1) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBRe22	$(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} u_2) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBRe33	$(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} u_3) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBRe12	$(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} u_2) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBRe13	$(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} u_3) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBRe21	$(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} u_1) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBRe23	$(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} u_3) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBRe31	$(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} u_1) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBRe32	$(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} u_2) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cuBIm11	$i(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} u_1) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBIm22	$i(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} u_2) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBIm33	$i(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} u_3) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBIm12	$i(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} u_2) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBIm13	$i(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} u_3) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBIm21	$i(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} u_1) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBIm23	$i(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} u_3) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBIm31	$i(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} u_1) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cuBIm32	$i(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} u_2) B_{\mu\nu} / \text{TeV}^2 + \text{h.c.}$	R
cdGRe11	$(\bar{q}_1 H \sigma^{\mu\nu} T^A d_1) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGRe22	$(\bar{q}_2 H \sigma^{\mu\nu} T^A d_2) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGRe33	$(\bar{q}_3 H \sigma^{\mu\nu} T^A d_3) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGRe12	$(\bar{q}_1 H \sigma^{\mu\nu} T^A d_2) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGRe13	$(\bar{q}_1 H \sigma^{\mu\nu} T^A d_3) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGRe21	$(\bar{q}_2 H \sigma^{\mu\nu} T^A d_1) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGRe23	$(\bar{q}_2 H \sigma^{\mu\nu} T^A d_3) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGRe31	$(\bar{q}_3 H \sigma^{\mu\nu} T^A d_1) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGRe32	$(\bar{q}_3 H \sigma^{\mu\nu} T^A d_2) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGIm11	$i(\bar{q}_1 H \sigma^{\mu\nu} T^A d_1) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGIm22	$i(\bar{q}_2 H \sigma^{\mu\nu} T^A d_2) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGIm33	$i(\bar{q}_3 H \sigma^{\mu\nu} T^A d_3) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGIm12	$i(\bar{q}_1 H \sigma^{\mu\nu} T^A d_2) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGIm13	$i(\bar{q}_1 H \sigma^{\mu\nu} T^A d_3) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGIm21	$i(\bar{q}_2 H \sigma^{\mu\nu} T^A d_1) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGIm23	$i(\bar{q}_2 H \sigma^{\mu\nu} T^A d_3) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGIm31	$i(\bar{q}_3 H \sigma^{\mu\nu} T^A d_1) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdGIm32	$i(\bar{q}_3 H \sigma^{\mu\nu} T^A d_2) G_{\mu\nu}^A / \text{TeV}^2 + \text{h.c.}$	R
cdWRe11	$(\bar{q}_1 \sigma^I H \sigma^{\mu\nu} d_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWRe22	$(\bar{q}_2 \sigma^I H \sigma^{\mu\nu} d_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWRe33	$(\bar{q}_3 \sigma^I H \sigma^{\mu\nu} d_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWRe12	$(\bar{q}_1 \sigma^I H \sigma^{\mu\nu} d_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWRe13	$(\bar{q}_1 \sigma^I H \sigma^{\mu\nu} d_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWRe21	$(\bar{q}_2 \sigma^I H \sigma^{\mu\nu} d_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWRe23	$(\bar{q}_2 \sigma^I H \sigma^{\mu\nu} d_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWRe31	$(\bar{q}_3 \sigma^I H \sigma^{\mu\nu} d_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWRe32	$(\bar{q}_3 \sigma^I H \sigma^{\mu\nu} d_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWIm11	$i(\bar{q}_1 \sigma^I H \sigma^{\mu\nu} d_1) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWIm22	$i(\bar{q}_2 \sigma^I H \sigma^{\mu\nu} d_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWIm33	$i(\bar{q}_3 \sigma^I H \sigma^{\mu\nu} d_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWIm12	$i(\bar{q}_1 \sigma^I H \sigma^{\mu\nu} d_2) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R
cdWIm13	$i(\bar{q}_1 \sigma^I H \sigma^{\mu\nu} d_3) W_{\mu\nu}^I / \text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cdWIm21	$i(\bar{q}_2\sigma^I H\sigma^{\mu\nu}d_1)W_{\mu\nu}^I/\text{TeV}^2 + \text{h.c.}$	R
cdWIm23	$i(\bar{q}_2\sigma^I H\sigma^{\mu\nu}d_3)W_{\mu\nu}^I/\text{TeV}^2 + \text{h.c.}$	R
cdWIm31	$i(\bar{q}_3\sigma^I H\sigma^{\mu\nu}d_1)W_{\mu\nu}^I/\text{TeV}^2 + \text{h.c.}$	R
cdWIm32	$i(\bar{q}_3\sigma^I H\sigma^{\mu\nu}d_2)W_{\mu\nu}^I/\text{TeV}^2 + \text{h.c.}$	R
cdBRe11	$(\bar{q}_1 H\sigma^{\mu\nu}d_1)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBRe22	$(\bar{q}_2 H\sigma^{\mu\nu}d_2)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBRe33	$(\bar{q}_3 H\sigma^{\mu\nu}d_3)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBRe12	$(\bar{q}_1 H\sigma^{\mu\nu}d_2)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBRe13	$(\bar{q}_1 H\sigma^{\mu\nu}d_3)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBRe21	$(\bar{q}_2 H\sigma^{\mu\nu}d_1)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBRe23	$(\bar{q}_2 H\sigma^{\mu\nu}d_3)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBRe31	$(\bar{q}_3 H\sigma^{\mu\nu}d_1)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBRe32	$(\bar{q}_3 H\sigma^{\mu\nu}d_2)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBIm11	$i(\bar{q}_1 H\sigma^{\mu\nu}d_1)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBIm22	$i(\bar{q}_2 H\sigma^{\mu\nu}d_2)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBIm33	$i(\bar{q}_3 H\sigma^{\mu\nu}d_3)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBIm12	$i(\bar{q}_1 H\sigma^{\mu\nu}d_2)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBIm13	$i(\bar{q}_1 H\sigma^{\mu\nu}d_3)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBIm21	$i(\bar{q}_2 H\sigma^{\mu\nu}d_1)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBIm23	$i(\bar{q}_2 H\sigma^{\mu\nu}d_3)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBIm31	$i(\bar{q}_3 H\sigma^{\mu\nu}d_1)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
cdBIm32	$i(\bar{q}_3 H\sigma^{\mu\nu}d_2)B_{\mu\nu}/\text{TeV}^2 + \text{h.c.}$	R
ch11Re11	$(H^\dagger i\overleftrightarrow{D}_\mu H)(\bar{\ell}_1\gamma^\mu\ell_1)/\text{TeV}^2$	R
ch11Re22	$(H^\dagger i\overleftrightarrow{D}_\mu H)(\bar{\ell}_2\gamma^\mu\ell_2)/\text{TeV}^2$	R
ch11Re33	$(H^\dagger i\overleftrightarrow{D}_\mu H)(\bar{\ell}_3\gamma^\mu\ell_3)/\text{TeV}^2$	R
ch11Re12	$(H^\dagger i\overleftrightarrow{D}_\mu H)(\bar{\ell}_1\gamma^\mu\ell_2)/\text{TeV}^2 + \text{h.c.}$	R
ch11Re13	$(H^\dagger i\overleftrightarrow{D}_\mu H)(\bar{\ell}_1\gamma^\mu\ell_3)/\text{TeV}^2 + \text{h.c.}$	R
ch11Re23	$(H^\dagger i\overleftrightarrow{D}_\mu H)(\bar{\ell}_2\gamma^\mu\ell_3)/\text{TeV}^2 + \text{h.c.}$	R
ch11Im12	$i(H^\dagger i\overleftrightarrow{D}_\mu H)(\bar{\ell}_1\gamma^\mu\ell_2)/\text{TeV}^2 + \text{h.c.}$	R
ch11Im13	$i(H^\dagger i\overleftrightarrow{D}_\mu H)(\bar{\ell}_1\gamma^\mu\ell_3)/\text{TeV}^2 + \text{h.c.}$	R
ch11Im23	$i(H^\dagger i\overleftrightarrow{D}_\mu H)(\bar{\ell}_2\gamma^\mu\ell_3)/\text{TeV}^2 + \text{h.c.}$	R
ch13Re11	$(H^\dagger i\overleftrightarrow{D}_\mu^I H)(\bar{\ell}_1\gamma^\mu\sigma^I\ell_1)/\text{TeV}^2$	R
ch13Re22	$(H^\dagger i\overleftrightarrow{D}_\mu^I H)(\bar{\ell}_2\gamma^\mu\sigma^I\ell_2)/\text{TeV}^2$	R
ch13Re33	$(H^\dagger i\overleftrightarrow{D}_\mu^I H)(\bar{\ell}_3\gamma^\mu\sigma^I\ell_3)/\text{TeV}^2$	R
ch13Re12	$(H^\dagger i\overleftrightarrow{D}_\mu^I H)(\bar{\ell}_1\gamma^\mu\sigma^I\ell_2)/\text{TeV}^2 + \text{h.c.}$	R
ch13Re13	$(H^\dagger i\overleftrightarrow{D}_\mu^I H)(\bar{\ell}_1\gamma^\mu\sigma^I\ell_3)/\text{TeV}^2 + \text{h.c.}$	R
ch13Re23	$(H^\dagger i\overleftrightarrow{D}_\mu^I H)(\bar{\ell}_2\gamma^\mu\sigma^I\ell_3)/\text{TeV}^2 + \text{h.c.}$	R
ch13Im12	$i(H^\dagger i\overleftrightarrow{D}_\mu^I H)(\bar{\ell}_1\gamma^\mu\sigma^I\ell_2)/\text{TeV}^2 + \text{h.c.}$	R
ch13Im13	$i(H^\dagger i\overleftrightarrow{D}_\mu^I H)(\bar{\ell}_1\gamma^\mu\sigma^I\ell_3)/\text{TeV}^2 + \text{h.c.}$	R
ch13Im23	$i(H^\dagger i\overleftrightarrow{D}_\mu^I H)(\bar{\ell}_2\gamma^\mu\sigma^I\ell_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cHq1Re11	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{q}_1 \gamma^\mu q_1)/\text{TeV}^2$	R
cHq1Re22	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{q}_2 \gamma^\mu q_2)/\text{TeV}^2$	R
cHq1Re33	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{q}_3 \gamma^\mu q_3)/\text{TeV}^2$	R
cHq1Re12	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{q}_1 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cHq1Re13	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{q}_1 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cHq1Re23	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cHq1Im12	$i(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{q}_1 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cHq1Im13	$i(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{q}_1 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cHq1Im23	$i(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cHq3Re11	$(H^\dagger i \overleftrightarrow{D}_\mu^I H)(\bar{q}_1 \gamma^\mu \sigma^I q_1)/\text{TeV}^2$	R
cHq3Re22	$(H^\dagger i \overleftrightarrow{D}_\mu^I H)(\bar{q}_2 \gamma^\mu \sigma^I q_2)/\text{TeV}^2$	R
cHq3Re33	$(H^\dagger i \overleftrightarrow{D}_\mu^I H)(\bar{q}_3 \gamma^\mu \sigma^I q_3)/\text{TeV}^2$	R
cHq3Re12	$(H^\dagger i \overleftrightarrow{D}_\mu^I H)(\bar{q}_1 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
cHq3Re13	$(H^\dagger i \overleftrightarrow{D}_\mu^I H)(\bar{q}_1 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cHq3Re23	$(H^\dagger i \overleftrightarrow{D}_\mu^I H)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cHq3Im12	$i(H^\dagger i \overleftrightarrow{D}_\mu^I H)(\bar{q}_1 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
cHq3Im13	$i(H^\dagger i \overleftrightarrow{D}_\mu^I H)(\bar{q}_1 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cHq3Im23	$i(H^\dagger i \overleftrightarrow{D}_\mu^I H)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cHeRe11	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{e}_1 \gamma^\mu e_1)/\text{TeV}^2$	R
cHeRe22	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{e}_2 \gamma^\mu e_2)/\text{TeV}^2$	R
cHeRe33	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{e}_3 \gamma^\mu e_3)/\text{TeV}^2$	R
cHeRe12	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cHeRe13	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cHeRe23	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cHeIm12	$i(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cHeIm13	$i(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cHeIm23	$i(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cHuRe11	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{u}_1 \gamma^\mu u_1)/\text{TeV}^2$	R
cHuRe22	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{u}_2 \gamma^\mu u_2)/\text{TeV}^2$	R
cHuRe33	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{u}_3 \gamma^\mu u_3)/\text{TeV}^2$	R
cHuRe12	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cHuRe13	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cHuRe23	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cHuIm12	$i(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cHuIm13	$i(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cHuIm23	$i(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cHdRe11	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2$	R

WC name	Operator	Type
cHdRe22	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2$	R
cHdRe33	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2$	R
cHdRe12	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cHdRe13	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cHdRe23	$(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cHdIm12	$i(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cHdIm13	$i(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cHdIm23	$i(H^\dagger i \overleftrightarrow{D}_\mu H)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cHudRe11	$(\tilde{H}^\dagger i D_\mu H)(\bar{u}_1 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cHudRe22	$(\tilde{H}^\dagger i D_\mu H)(\bar{u}_2 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cHudRe33	$(\tilde{H}^\dagger i D_\mu H)(\bar{u}_3 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cHudRe12	$(\tilde{H}^\dagger i D_\mu H)(\bar{u}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cHudRe13	$(\tilde{H}^\dagger i D_\mu H)(\bar{u}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cHudRe21	$(\tilde{H}^\dagger i D_\mu H)(\bar{u}_2 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cHudRe23	$(\tilde{H}^\dagger i D_\mu H)(\bar{u}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cHudRe31	$(\tilde{H}^\dagger i D_\mu H)(\bar{u}_3 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cHudRe32	$(\tilde{H}^\dagger i D_\mu H)(\bar{u}_3 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cHudIm11	$i(\tilde{H}^\dagger i D_\mu H)(\bar{u}_1 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cHudIm22	$i(\tilde{H}^\dagger i D_\mu H)(\bar{u}_2 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cHudIm33	$i(\tilde{H}^\dagger i D_\mu H)(\bar{u}_3 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cHudIm12	$i(\tilde{H}^\dagger i D_\mu H)(\bar{u}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cHudIm13	$i(\tilde{H}^\dagger i D_\mu H)(\bar{u}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cHudIm21	$i(\tilde{H}^\dagger i D_\mu H)(\bar{u}_2 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cHudIm23	$i(\tilde{H}^\dagger i D_\mu H)(\bar{u}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cHudIm31	$i(\tilde{H}^\dagger i D_\mu H)(\bar{u}_3 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cHudIm32	$i(\tilde{H}^\dagger i D_\mu H)(\bar{u}_3 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1111	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{\ell}_1 \gamma^\mu \ell_1)/\text{TeV}^2$	R
c11Re2222	$(\bar{\ell}_2 \gamma_\mu \ell_2)(\bar{\ell}_2 \gamma^\mu \ell_2)/\text{TeV}^2$	R
c11Re3333	$(\bar{\ell}_3 \gamma_\mu \ell_3)(\bar{\ell}_3 \gamma^\mu \ell_3)/\text{TeV}^2$	R
c11Re1122	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{\ell}_2 \gamma^\mu \ell_2)/\text{TeV}^2$	R
c11Re1133	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{\ell}_3 \gamma^\mu \ell_3)/\text{TeV}^2$	R
c11Re2233	$(\bar{\ell}_2 \gamma_\mu \ell_2)(\bar{\ell}_3 \gamma^\mu \ell_3)/\text{TeV}^2$	R
c11Re1221	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_2 \gamma^\mu \ell_1)/\text{TeV}^2$	R
c11Re1331	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_3 \gamma^\mu \ell_1)/\text{TeV}^2$	R
c11Re2332	$(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{\ell}_3 \gamma^\mu \ell_2)/\text{TeV}^2$	R
c11Re1112	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{\ell}_1 \gamma^\mu \ell_2)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1113	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{\ell}_1 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1123	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{\ell}_2 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1212	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_1 \gamma^\mu \ell_2)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1213	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_1 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1222	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_2 \gamma^\mu \ell_2)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
c11Re1232	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_3 \gamma^\mu \ell_2)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1233	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_3 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1313	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_1 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1322	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_2 \gamma^\mu \ell_2)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1323	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_2 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1333	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_3 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Re2223	$(\bar{\ell}_2 \gamma_\mu \ell_2)(\bar{\ell}_2 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Re2323	$(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{\ell}_2 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Re3323	$(\bar{\ell}_3 \gamma_\mu \ell_3)(\bar{\ell}_2 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1231	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_3 \gamma^\mu \ell_1)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1223	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_2 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Re1332	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_3 \gamma^\mu \ell_2)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1112	$i(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{\ell}_1 \gamma^\mu \ell_2)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1113	$i(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{\ell}_1 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1123	$i(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{\ell}_2 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1212	$i(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_1 \gamma^\mu \ell_2)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1213	$i(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_1 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1222	$i(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_2 \gamma^\mu \ell_2)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1232	$i(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_3 \gamma^\mu \ell_2)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1233	$i(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_3 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1313	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_1 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1322	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_2 \gamma^\mu \ell_2)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1323	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_2 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1333	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_3 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Im2223	$i(\bar{\ell}_2 \gamma_\mu \ell_2)(\bar{\ell}_2 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Im2323	$i(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{\ell}_2 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Im3323	$i(\bar{\ell}_3 \gamma_\mu \ell_3)(\bar{\ell}_2 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1231	$i(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_3 \gamma^\mu \ell_1)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1223	$i(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_2 \gamma^\mu \ell_3)/\text{TeV}^2 + \text{h.c.}$	R
c11Im1332	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_3 \gamma^\mu \ell_2)/\text{TeV}^2 + \text{h.c.}$	R
clq1Re1111	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{q}_1 \gamma^\mu q_1)/\text{TeV}^2$	R
clq1Re1122	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{q}_2 \gamma^\mu q_2)/\text{TeV}^2$	R
clq1Re1133	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{q}_3 \gamma^\mu q_3)/\text{TeV}^2$	R
clq1Re2222	$(\bar{\ell}_2 \gamma_\mu \ell_2)(\bar{q}_2 \gamma^\mu q_2)/\text{TeV}^2$	R
clq1Re2233	$(\bar{\ell}_2 \gamma_\mu \ell_2)(\bar{q}_3 \gamma^\mu q_3)/\text{TeV}^2$	R
clq1Re3333	$(\bar{\ell}_3 \gamma_\mu \ell_3)(\bar{q}_3 \gamma^\mu q_3)/\text{TeV}^2$	R
clq1Re1221	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{q}_2 \gamma^\mu q_1)/\text{TeV}^2 + \text{h.c.}$	R
clq1Re1331	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{q}_3 \gamma^\mu q_1)/\text{TeV}^2 + \text{h.c.}$	R
clq1Re2332	$(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{q}_3 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
clq1Re2211	$(\bar{\ell}_2 \gamma_\mu \ell_2)(\bar{q}_1 \gamma^\mu q_1)/\text{TeV}^2$	R
clq1Re3311	$(\bar{\ell}_3 \gamma_\mu \ell_3)(\bar{q}_1 \gamma^\mu q_1)/\text{TeV}^2$	R
clq1Re3322	$(\bar{\ell}_3 \gamma_\mu \ell_3)(\bar{q}_2 \gamma^\mu q_2)/\text{TeV}^2$	R

WC name	Operator	Type
clq1Im1232	$i(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{q}_3 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im1233	$i(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{q}_3 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im1313	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{q}_1 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im1322	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{q}_2 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im1323	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im1333	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{q}_3 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im2223	$i(\bar{\ell}_2 \gamma_\mu \ell_2)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im2323	$i(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im3323	$i(\bar{\ell}_3 \gamma_\mu \ell_3)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im1231	$i(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{q}_3 \gamma^\mu q_1)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im1223	$i(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im1332	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{q}_3 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im1211	$i(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{q}_1 \gamma^\mu q_1)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im1311	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{q}_1 \gamma^\mu q_1)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im1312	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{q}_1 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im1321	$i(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{q}_2 \gamma^\mu q_1)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im2212	$i(\bar{\ell}_2 \gamma_\mu \ell_2)(\bar{q}_1 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im2213	$i(\bar{\ell}_2 \gamma_\mu \ell_2)(\bar{q}_1 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im2311	$i(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{q}_1 \gamma^\mu q_1)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im2312	$i(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{q}_1 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im2313	$i(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{q}_1 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im2321	$i(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{q}_2 \gamma^\mu q_1)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im2322	$i(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{q}_2 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im2331	$i(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{q}_3 \gamma^\mu q_1)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im2333	$i(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{q}_3 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im3312	$i(\bar{\ell}_3 \gamma_\mu \ell_3)(\bar{q}_1 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
clq1Im3313	$i(\bar{\ell}_3 \gamma_\mu \ell_3)(\bar{q}_1 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq3Re1111	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_1)(\bar{q}_1 \gamma^\mu \sigma^I q_1)/\text{TeV}^2$	R
clq3Re1122	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_1)(\bar{q}_2 \gamma^\mu \sigma^I q_2)/\text{TeV}^2$	R
clq3Re1133	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_1)(\bar{q}_3 \gamma^\mu \sigma^I q_3)/\text{TeV}^2$	R
clq3Re2222	$(\bar{\ell}_2 \gamma_\mu \sigma^I \ell_2)(\bar{q}_2 \gamma^\mu \sigma^I q_2)/\text{TeV}^2$	R
clq3Re2233	$(\bar{\ell}_2 \gamma_\mu \sigma^I \ell_2)(\bar{q}_3 \gamma^\mu \sigma^I q_3)/\text{TeV}^2$	R
clq3Re3333	$(\bar{\ell}_3 \gamma_\mu \sigma^I \ell_3)(\bar{q}_3 \gamma^\mu \sigma^I q_3)/\text{TeV}^2$	R
clq3Re1221	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_2)(\bar{q}_2 \gamma^\mu \sigma^I q_1)/\text{TeV}^2 + \text{h.c.}$	R
clq3Re1331	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_3)(\bar{q}_3 \gamma^\mu \sigma^I q_1)/\text{TeV}^2 + \text{h.c.}$	R
clq3Re2332	$(\bar{\ell}_2 \gamma_\mu \sigma^I \ell_3)(\bar{q}_3 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
clq3Re2211	$(\bar{\ell}_2 \gamma_\mu \sigma^I \ell_2)(\bar{q}_1 \gamma^\mu \sigma^I q_1)/\text{TeV}^2$	R
clq3Re3311	$(\bar{\ell}_3 \gamma_\mu \sigma^I \ell_3)(\bar{q}_1 \gamma^\mu \sigma^I q_1)/\text{TeV}^2$	R
clq3Re3322	$(\bar{\ell}_3 \gamma_\mu \sigma^I \ell_3)(\bar{q}_2 \gamma^\mu \sigma^I q_2)/\text{TeV}^2$	R
clq3Re1112	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_1)(\bar{q}_1 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
clq3Re1113	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_1)(\bar{q}_1 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
clq3Re1123	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_1)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
clq3Im1322	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im1323	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im1333	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im2223	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_2)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im2323	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im3323	$i(\bar{\ell}_3\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im1231	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_3\gamma^\mu\sigma^Iq_1)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im1223	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im1332	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_2)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im1211	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_1\gamma^\mu\sigma^Iq_1)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im1311	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_1)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im1312	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im1321	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_1)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im2212	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_2)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im2213	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_2)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im2311	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_1)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im2312	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im2313	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im2321	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_1)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im2322	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im2331	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_1)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im2333	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im3312	$i(\bar{\ell}_3\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/\text{TeV}^2 + \text{h.c.}$	R
clq3Im3313	$i(\bar{\ell}_3\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1111	$(\bar{q}_1\gamma_\mu q_1)(\bar{q}_1\gamma^\mu q_1)/\text{TeV}^2$	R
cqq1Re2222	$(\bar{q}_2\gamma_\mu q_2)(\bar{q}_2\gamma^\mu q_2)/\text{TeV}^2$	R
cqq1Re3333	$(\bar{q}_3\gamma_\mu q_3)(\bar{q}_3\gamma^\mu q_3)/\text{TeV}^2$	R
cqq1Re1122	$(\bar{q}_1\gamma_\mu q_1)(\bar{q}_2\gamma^\mu q_2)/\text{TeV}^2$	R
cqq1Re1133	$(\bar{q}_1\gamma_\mu q_1)(\bar{q}_3\gamma^\mu q_3)/\text{TeV}^2$	R
cqq1Re2233	$(\bar{q}_2\gamma_\mu q_2)(\bar{q}_3\gamma^\mu q_3)/\text{TeV}^2$	R
cqq1Re1221	$(\bar{q}_1\gamma_\mu q_2)(\bar{q}_2\gamma^\mu q_1)/\text{TeV}^2$	R
cqq1Re1331	$(\bar{q}_1\gamma_\mu q_3)(\bar{q}_3\gamma^\mu q_1)/\text{TeV}^2$	R
cqq1Re2332	$(\bar{q}_2\gamma_\mu q_3)(\bar{q}_3\gamma^\mu q_2)/\text{TeV}^2$	R
cqq1Re1112	$(\bar{q}_1\gamma_\mu q_1)(\bar{q}_1\gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1113	$(\bar{q}_1\gamma_\mu q_1)(\bar{q}_1\gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1123	$(\bar{q}_1\gamma_\mu q_1)(\bar{q}_2\gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1212	$(\bar{q}_1\gamma_\mu q_2)(\bar{q}_1\gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1213	$(\bar{q}_1\gamma_\mu q_2)(\bar{q}_1\gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1222	$(\bar{q}_1\gamma_\mu q_2)(\bar{q}_2\gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1232	$(\bar{q}_1\gamma_\mu q_2)(\bar{q}_3\gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1233	$(\bar{q}_1\gamma_\mu q_2)(\bar{q}_3\gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1313	$(\bar{q}_1\gamma_\mu q_3)(\bar{q}_1\gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cqq1Re1322	$(\bar{q}_1 \gamma_\mu q_3)(\bar{q}_2 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1323	$(\bar{q}_1 \gamma_\mu q_3)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1333	$(\bar{q}_1 \gamma_\mu q_3)(\bar{q}_3 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re2223	$(\bar{q}_2 \gamma_\mu q_2)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re2323	$(\bar{q}_2 \gamma_\mu q_3)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re3323	$(\bar{q}_3 \gamma_\mu q_3)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1231	$(\bar{q}_1 \gamma_\mu q_2)(\bar{q}_3 \gamma^\mu q_1)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1223	$(\bar{q}_1 \gamma_\mu q_2)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Re1332	$(\bar{q}_1 \gamma_\mu q_3)(\bar{q}_3 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1112	$i(\bar{q}_1 \gamma_\mu q_1)(\bar{q}_1 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1113	$i(\bar{q}_1 \gamma_\mu q_1)(\bar{q}_1 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1123	$i(\bar{q}_1 \gamma_\mu q_1)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1212	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{q}_1 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1213	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{q}_1 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1222	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{q}_2 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1232	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{q}_3 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1233	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{q}_3 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1313	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{q}_1 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1322	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{q}_2 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1323	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1333	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{q}_3 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im2223	$i(\bar{q}_2 \gamma_\mu q_2)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im2323	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im3323	$i(\bar{q}_3 \gamma_\mu q_3)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1231	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{q}_3 \gamma^\mu q_1)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1223	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{q}_2 \gamma^\mu q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq1Im1332	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{q}_3 \gamma^\mu q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1111	$(\bar{q}_1 \gamma_\mu \sigma^I q_1)(\bar{q}_1 \gamma^\mu \sigma^I q_1)/\text{TeV}^2$	R
cqq3Re2222	$(\bar{q}_2 \gamma_\mu \sigma^I q_2)(\bar{q}_2 \gamma^\mu \sigma^I q_2)/\text{TeV}^2$	R
cqq3Re3333	$(\bar{q}_3 \gamma_\mu \sigma^I q_3)(\bar{q}_3 \gamma^\mu \sigma^I q_3)/\text{TeV}^2$	R
cqq3Re1122	$(\bar{q}_1 \gamma_\mu \sigma^I q_1)(\bar{q}_2 \gamma^\mu \sigma^I q_2)/\text{TeV}^2$	R
cqq3Re1133	$(\bar{q}_1 \gamma_\mu \sigma^I q_1)(\bar{q}_3 \gamma^\mu \sigma^I q_3)/\text{TeV}^2$	R
cqq3Re2233	$(\bar{q}_2 \gamma_\mu \sigma^I q_2)(\bar{q}_3 \gamma^\mu \sigma^I q_3)/\text{TeV}^2$	R
cqq3Re1221	$(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_2 \gamma^\mu \sigma^I q_1)/\text{TeV}^2$	R
cqq3Re1331	$(\bar{q}_1 \gamma_\mu \sigma^I q_3)(\bar{q}_3 \gamma^\mu \sigma^I q_1)/\text{TeV}^2$	R
cqq3Re2332	$(\bar{q}_2 \gamma_\mu \sigma^I q_3)(\bar{q}_3 \gamma^\mu \sigma^I q_2)/\text{TeV}^2$	R
cqq3Re1112	$(\bar{q}_1 \gamma_\mu \sigma^I q_1)(\bar{q}_1 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1113	$(\bar{q}_1 \gamma_\mu \sigma^I q_1)(\bar{q}_1 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1123	$(\bar{q}_1 \gamma_\mu \sigma^I q_1)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1212	$(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_1 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1213	$(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_1 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1222	$(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_2 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cqq3Re1232	$(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_3 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1233	$(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_3 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1313	$(\bar{q}_1 \gamma_\mu \sigma^I q_3)(\bar{q}_1 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1322	$(\bar{q}_1 \gamma_\mu \sigma^I q_3)(\bar{q}_2 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1323	$(\bar{q}_1 \gamma_\mu \sigma^I q_3)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1333	$(\bar{q}_1 \gamma_\mu \sigma^I q_3)(\bar{q}_3 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re2223	$(\bar{q}_2 \gamma_\mu \sigma^I q_2)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re2323	$(\bar{q}_2 \gamma_\mu \sigma^I q_3)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re3323	$(\bar{q}_3 \gamma_\mu \sigma^I q_3)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1231	$(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_3 \gamma^\mu \sigma^I q_1)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1223	$(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Re1332	$(\bar{q}_1 \gamma_\mu \sigma^I q_3)(\bar{q}_3 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1112	$i(\bar{q}_1 \gamma_\mu \sigma^I q_1)(\bar{q}_1 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1113	$i(\bar{q}_1 \gamma_\mu \sigma^I q_1)(\bar{q}_1 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1123	$i(\bar{q}_1 \gamma_\mu \sigma^I q_1)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1212	$i(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_1 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1213	$i(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_1 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1222	$i(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_2 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1232	$i(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_3 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1233	$i(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_3 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1313	$i(\bar{q}_1 \gamma_\mu \sigma^I q_3)(\bar{q}_1 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1322	$i(\bar{q}_1 \gamma_\mu \sigma^I q_3)(\bar{q}_2 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1323	$i(\bar{q}_1 \gamma_\mu \sigma^I q_3)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1333	$i(\bar{q}_1 \gamma_\mu \sigma^I q_3)(\bar{q}_3 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im2223	$i(\bar{q}_2 \gamma_\mu \sigma^I q_2)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im2323	$i(\bar{q}_2 \gamma_\mu \sigma^I q_3)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im3323	$i(\bar{q}_3 \gamma_\mu \sigma^I q_3)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1231	$i(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_3 \gamma^\mu \sigma^I q_1)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1223	$i(\bar{q}_1 \gamma_\mu \sigma^I q_2)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/\text{TeV}^2 + \text{h.c.}$	R
cqq3Im1332	$i(\bar{q}_1 \gamma_\mu \sigma^I q_3)(\bar{q}_3 \gamma^\mu \sigma^I q_2)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe1111	$(\bar{e}_1 \gamma_\mu e_1)(\bar{e}_1 \gamma^\mu e_1)/\text{TeV}^2$	R
ceeRe2222	$(\bar{e}_2 \gamma_\mu e_2)(\bar{e}_2 \gamma^\mu e_2)/\text{TeV}^2$	R
ceeRe3333	$(\bar{e}_3 \gamma_\mu e_3)(\bar{e}_3 \gamma^\mu e_3)/\text{TeV}^2$	R
ceeRe1122	$(\bar{e}_1 \gamma_\mu e_1)(\bar{e}_2 \gamma^\mu e_2)/\text{TeV}^2$	R
ceeRe1133	$(\bar{e}_1 \gamma_\mu e_1)(\bar{e}_3 \gamma^\mu e_3)/\text{TeV}^2$	R
ceeRe2233	$(\bar{e}_2 \gamma_\mu e_2)(\bar{e}_3 \gamma^\mu e_3)/\text{TeV}^2$	R
ceeRe1112	$(\bar{e}_1 \gamma_\mu e_1)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe1113	$(\bar{e}_1 \gamma_\mu e_1)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe1123	$(\bar{e}_1 \gamma_\mu e_1)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe1212	$(\bar{e}_1 \gamma_\mu e_2)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe1213	$(\bar{e}_1 \gamma_\mu e_2)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe1222	$(\bar{e}_1 \gamma_\mu e_2)(\bar{e}_2 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
ceeRe1232	$(\bar{e}_1 \gamma_\mu e_2)(\bar{e}_3 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe1233	$(\bar{e}_1 \gamma_\mu e_2)(\bar{e}_3 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe1313	$(\bar{e}_1 \gamma_\mu e_3)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe1322	$(\bar{e}_1 \gamma_\mu e_3)(\bar{e}_2 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe1323	$(\bar{e}_1 \gamma_\mu e_3)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe1333	$(\bar{e}_1 \gamma_\mu e_3)(\bar{e}_3 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe2223	$(\bar{e}_2 \gamma_\mu e_2)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe2323	$(\bar{e}_2 \gamma_\mu e_3)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeRe3323	$(\bar{e}_3 \gamma_\mu e_3)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm1112	$i(\bar{e}_1 \gamma_\mu e_1)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm1113	$i(\bar{e}_1 \gamma_\mu e_1)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm1123	$i(\bar{e}_1 \gamma_\mu e_1)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm1212	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm1213	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm1222	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{e}_2 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm1232	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{e}_3 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm1233	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{e}_3 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm1313	$i(\bar{e}_1 \gamma_\mu e_3)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm1322	$i(\bar{e}_1 \gamma_\mu e_3)(\bar{e}_2 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm1323	$i(\bar{e}_1 \gamma_\mu e_3)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm1333	$i(\bar{e}_1 \gamma_\mu e_3)(\bar{e}_3 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm2223	$i(\bar{e}_2 \gamma_\mu e_2)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm2323	$i(\bar{e}_2 \gamma_\mu e_3)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
ceeIm3323	$i(\bar{e}_3 \gamma_\mu e_3)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1111	$(\bar{u}_1 \gamma_\mu u_1)(\bar{u}_1 \gamma^\mu u_1)/\text{TeV}^2$	R
cuuRe2222	$(\bar{u}_2 \gamma_\mu u_2)(\bar{u}_2 \gamma^\mu u_2)/\text{TeV}^2$	R
cuuRe3333	$(\bar{u}_3 \gamma_\mu u_3)(\bar{u}_3 \gamma^\mu u_3)/\text{TeV}^2$	R
cuuRe1122	$(\bar{u}_1 \gamma_\mu u_1)(\bar{u}_2 \gamma^\mu u_2)/\text{TeV}^2$	R
cuuRe1133	$(\bar{u}_1 \gamma_\mu u_1)(\bar{u}_3 \gamma^\mu u_3)/\text{TeV}^2$	R
cuuRe2233	$(\bar{u}_2 \gamma_\mu u_2)(\bar{u}_3 \gamma^\mu u_3)/\text{TeV}^2$	R
cuuRe1221	$(\bar{u}_1 \gamma_\mu u_2)(\bar{u}_2 \gamma^\mu u_1)/\text{TeV}^2$	R
cuuRe1331	$(\bar{u}_1 \gamma_\mu u_3)(\bar{u}_3 \gamma^\mu u_1)/\text{TeV}^2$	R
cuuRe2332	$(\bar{u}_2 \gamma_\mu u_3)(\bar{u}_3 \gamma^\mu u_2)/\text{TeV}^2$	R
cuuRe1112	$(\bar{u}_1 \gamma_\mu u_1)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1113	$(\bar{u}_1 \gamma_\mu u_1)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1123	$(\bar{u}_1 \gamma_\mu u_1)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1212	$(\bar{u}_1 \gamma_\mu u_2)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1213	$(\bar{u}_1 \gamma_\mu u_2)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1222	$(\bar{u}_1 \gamma_\mu u_2)(\bar{u}_2 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1232	$(\bar{u}_1 \gamma_\mu u_2)(\bar{u}_3 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1233	$(\bar{u}_1 \gamma_\mu u_2)(\bar{u}_3 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1313	$(\bar{u}_1 \gamma_\mu u_3)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cuuRe1322	$(\bar{u}_1\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1323	$(\bar{u}_1\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1333	$(\bar{u}_1\gamma_\mu u_3)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe2223	$(\bar{u}_2\gamma_\mu u_2)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe2323	$(\bar{u}_2\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe3323	$(\bar{u}_3\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1231	$(\bar{u}_1\gamma_\mu u_2)(\bar{u}_3\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1223	$(\bar{u}_1\gamma_\mu u_2)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuRe1332	$(\bar{u}_1\gamma_\mu u_3)(\bar{u}_3\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1112	$i(\bar{u}_1\gamma_\mu u_1)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1113	$i(\bar{u}_1\gamma_\mu u_1)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1123	$i(\bar{u}_1\gamma_\mu u_1)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1212	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1213	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1222	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1232	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_3\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1233	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1313	$i(\bar{u}_1\gamma_\mu u_3)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1322	$i(\bar{u}_1\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1323	$i(\bar{u}_1\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1333	$i(\bar{u}_1\gamma_\mu u_3)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm2223	$i(\bar{u}_2\gamma_\mu u_2)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm2323	$i(\bar{u}_2\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm3323	$i(\bar{u}_3\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1231	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_3\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1223	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cuuIm1332	$i(\bar{u}_1\gamma_\mu u_3)(\bar{u}_3\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1111	$(\bar{d}_1\gamma_\mu d_1)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2$	R
cddRe2222	$(\bar{d}_2\gamma_\mu d_2)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2$	R
cddRe3333	$(\bar{d}_3\gamma_\mu d_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2$	R
cddRe1122	$(\bar{d}_1\gamma_\mu d_1)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2$	R
cddRe1133	$(\bar{d}_1\gamma_\mu d_1)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2$	R
cddRe2233	$(\bar{d}_2\gamma_\mu d_2)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2$	R
cddRe1221	$(\bar{d}_1\gamma_\mu d_2)(\bar{d}_2\gamma^\mu d_1)/\text{TeV}^2$	R
cddRe1331	$(\bar{d}_1\gamma_\mu d_3)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2$	R
cddRe2332	$(\bar{d}_2\gamma_\mu d_3)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2$	R
cddRe1112	$(\bar{d}_1\gamma_\mu d_1)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1113	$(\bar{d}_1\gamma_\mu d_1)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1123	$(\bar{d}_1\gamma_\mu d_1)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1212	$(\bar{d}_1\gamma_\mu d_2)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1213	$(\bar{d}_1\gamma_\mu d_2)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1222	$(\bar{d}_1\gamma_\mu d_2)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cddRe1232	$(\bar{d}_1\gamma_\mu d_2)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1233	$(\bar{d}_1\gamma_\mu d_2)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1313	$(\bar{d}_1\gamma_\mu d_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1322	$(\bar{d}_1\gamma_\mu d_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1323	$(\bar{d}_1\gamma_\mu d_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1333	$(\bar{d}_1\gamma_\mu d_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddRe2223	$(\bar{d}_2\gamma_\mu d_2)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddRe2323	$(\bar{d}_2\gamma_\mu d_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddRe3323	$(\bar{d}_3\gamma_\mu d_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1231	$(\bar{d}_1\gamma_\mu d_2)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1223	$(\bar{d}_1\gamma_\mu d_2)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddRe1332	$(\bar{d}_1\gamma_\mu d_3)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1112	$i(\bar{d}_1\gamma_\mu d_1)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1113	$i(\bar{d}_1\gamma_\mu d_1)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1123	$i(\bar{d}_1\gamma_\mu d_1)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1212	$i(\bar{d}_1\gamma_\mu d_2)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1213	$i(\bar{d}_1\gamma_\mu d_2)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1222	$i(\bar{d}_1\gamma_\mu d_2)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1232	$i(\bar{d}_1\gamma_\mu d_2)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1233	$i(\bar{d}_1\gamma_\mu d_2)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1313	$i(\bar{d}_1\gamma_\mu d_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1322	$i(\bar{d}_1\gamma_\mu d_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1323	$i(\bar{d}_1\gamma_\mu d_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1333	$i(\bar{d}_1\gamma_\mu d_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddIm2223	$i(\bar{d}_2\gamma_\mu d_2)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddIm2323	$i(\bar{d}_2\gamma_\mu d_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddIm3323	$i(\bar{d}_3\gamma_\mu d_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1231	$i(\bar{d}_1\gamma_\mu d_2)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1223	$i(\bar{d}_1\gamma_\mu d_2)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cddIm1332	$i(\bar{d}_1\gamma_\mu d_3)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1111	$(\bar{e}_1\gamma_\mu e_1)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2$	R
ceuRe1122	$(\bar{e}_1\gamma_\mu e_1)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2$	R
ceuRe1133	$(\bar{e}_1\gamma_\mu e_1)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2$	R
ceuRe2222	$(\bar{e}_2\gamma_\mu e_2)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2$	R
ceuRe2233	$(\bar{e}_2\gamma_\mu e_2)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2$	R
ceuRe3333	$(\bar{e}_3\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2$	R
ceuRe1221	$(\bar{e}_1\gamma_\mu e_2)(\bar{u}_2\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1331	$(\bar{e}_1\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2332	$(\bar{e}_2\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2211	$(\bar{e}_2\gamma_\mu e_2)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2$	R
ceuRe3311	$(\bar{e}_3\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2$	R
ceuRe3322	$(\bar{e}_3\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2$	R

WC name	Operator	Type
ceuRe1112	$(\bar{e}_1 \gamma_\mu e_1)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1113	$(\bar{e}_1 \gamma_\mu e_1)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1123	$(\bar{e}_1 \gamma_\mu e_1)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1212	$(\bar{e}_1 \gamma_\mu e_2)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1213	$(\bar{e}_1 \gamma_\mu e_2)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1222	$(\bar{e}_1 \gamma_\mu e_2)(\bar{u}_2 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1232	$(\bar{e}_1 \gamma_\mu e_2)(\bar{u}_3 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1233	$(\bar{e}_1 \gamma_\mu e_2)(\bar{u}_3 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1313	$(\bar{e}_1 \gamma_\mu e_3)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1322	$(\bar{e}_1 \gamma_\mu e_3)(\bar{u}_2 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1323	$(\bar{e}_1 \gamma_\mu e_3)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1333	$(\bar{e}_1 \gamma_\mu e_3)(\bar{u}_3 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2223	$(\bar{e}_2 \gamma_\mu e_2)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2323	$(\bar{e}_2 \gamma_\mu e_3)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe3323	$(\bar{e}_3 \gamma_\mu e_3)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1231	$(\bar{e}_1 \gamma_\mu e_2)(\bar{u}_3 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1223	$(\bar{e}_1 \gamma_\mu e_2)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1332	$(\bar{e}_1 \gamma_\mu e_3)(\bar{u}_3 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1211	$(\bar{e}_1 \gamma_\mu e_2)(\bar{u}_1 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1311	$(\bar{e}_1 \gamma_\mu e_3)(\bar{u}_1 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1312	$(\bar{e}_1 \gamma_\mu e_3)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe1321	$(\bar{e}_1 \gamma_\mu e_3)(\bar{u}_2 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2212	$(\bar{e}_2 \gamma_\mu e_2)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2213	$(\bar{e}_2 \gamma_\mu e_2)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2311	$(\bar{e}_2 \gamma_\mu e_3)(\bar{u}_1 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2312	$(\bar{e}_2 \gamma_\mu e_3)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2313	$(\bar{e}_2 \gamma_\mu e_3)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2321	$(\bar{e}_2 \gamma_\mu e_3)(\bar{u}_2 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2322	$(\bar{e}_2 \gamma_\mu e_3)(\bar{u}_2 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2331	$(\bar{e}_2 \gamma_\mu e_3)(\bar{u}_3 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe2333	$(\bar{e}_2 \gamma_\mu e_3)(\bar{u}_3 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe3312	$(\bar{e}_3 \gamma_\mu e_3)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuRe3313	$(\bar{e}_3 \gamma_\mu e_3)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1221	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{u}_2 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1331	$i(\bar{e}_1 \gamma_\mu e_3)(\bar{u}_3 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm2332	$i(\bar{e}_2 \gamma_\mu e_3)(\bar{u}_3 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1112	$i(\bar{e}_1 \gamma_\mu e_1)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1113	$i(\bar{e}_1 \gamma_\mu e_1)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1123	$i(\bar{e}_1 \gamma_\mu e_1)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1212	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1213	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1222	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{u}_2 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
ceuIm1232	$i(\bar{e}_1\gamma_\mu e_2)(\bar{u}_3\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1233	$i(\bar{e}_1\gamma_\mu e_2)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1313	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1322	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1323	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1333	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm2223	$i(\bar{e}_2\gamma_\mu e_2)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm2323	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm3323	$i(\bar{e}_3\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1231	$i(\bar{e}_1\gamma_\mu e_2)(\bar{u}_3\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1223	$i(\bar{e}_1\gamma_\mu e_2)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1332	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1211	$i(\bar{e}_1\gamma_\mu e_2)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1311	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1312	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm1321	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm2212	$i(\bar{e}_2\gamma_\mu e_2)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm2213	$i(\bar{e}_2\gamma_\mu e_2)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm2311	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm2312	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm2313	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm2321	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm2322	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm2331	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm2333	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm3312	$i(\bar{e}_3\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
ceuIm3313	$i(\bar{e}_3\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1111	$(\bar{e}_1\gamma_\mu e_1)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2$	R
cedRe1122	$(\bar{e}_1\gamma_\mu e_1)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2$	R
cedRe1133	$(\bar{e}_1\gamma_\mu e_1)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2$	R
cedRe2222	$(\bar{e}_2\gamma_\mu e_2)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2$	R
cedRe2233	$(\bar{e}_2\gamma_\mu e_2)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2$	R
cedRe3333	$(\bar{e}_3\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2$	R
cedRe1221	$(\bar{e}_1\gamma_\mu e_2)(\bar{d}_2\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1331	$(\bar{e}_1\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2332	$(\bar{e}_2\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2211	$(\bar{e}_2\gamma_\mu e_2)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2$	R
cedRe3311	$(\bar{e}_3\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2$	R
cedRe3322	$(\bar{e}_3\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2$	R
cedRe1112	$(\bar{e}_1\gamma_\mu e_1)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1113	$(\bar{e}_1\gamma_\mu e_1)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1123	$(\bar{e}_1\gamma_\mu e_1)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cedRe1212	$(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1213	$(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1222	$(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1232	$(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_3 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1233	$(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1313	$(\bar{e}_1 \gamma_\mu e_3)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1322	$(\bar{e}_1 \gamma_\mu e_3)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1323	$(\bar{e}_1 \gamma_\mu e_3)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1333	$(\bar{e}_1 \gamma_\mu e_3)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2223	$(\bar{e}_2 \gamma_\mu e_2)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2323	$(\bar{e}_2 \gamma_\mu e_3)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe3323	$(\bar{e}_3 \gamma_\mu e_3)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1231	$(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_3 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1223	$(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1332	$(\bar{e}_1 \gamma_\mu e_3)(\bar{d}_3 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1211	$(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1311	$(\bar{e}_1 \gamma_\mu e_3)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1312	$(\bar{e}_1 \gamma_\mu e_3)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedRe1321	$(\bar{e}_1 \gamma_\mu e_3)(\bar{d}_2 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2212	$(\bar{e}_2 \gamma_\mu e_2)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2213	$(\bar{e}_2 \gamma_\mu e_2)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2311	$(\bar{e}_2 \gamma_\mu e_3)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2312	$(\bar{e}_2 \gamma_\mu e_3)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2313	$(\bar{e}_2 \gamma_\mu e_3)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2321	$(\bar{e}_2 \gamma_\mu e_3)(\bar{d}_2 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2322	$(\bar{e}_2 \gamma_\mu e_3)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2331	$(\bar{e}_2 \gamma_\mu e_3)(\bar{d}_3 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedRe2333	$(\bar{e}_2 \gamma_\mu e_3)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedRe3312	$(\bar{e}_3 \gamma_\mu e_3)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedRe3313	$(\bar{e}_3 \gamma_\mu e_3)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1221	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_2 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1331	$i(\bar{e}_1 \gamma_\mu e_3)(\bar{d}_3 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedIm2332	$i(\bar{e}_2 \gamma_\mu e_3)(\bar{d}_3 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1112	$i(\bar{e}_1 \gamma_\mu e_1)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1113	$i(\bar{e}_1 \gamma_\mu e_1)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1123	$i(\bar{e}_1 \gamma_\mu e_1)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1212	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1213	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1222	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1232	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_3 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1233	$i(\bar{e}_1 \gamma_\mu e_2)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1313	$i(\bar{e}_1 \gamma_\mu e_3)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cedIm1322	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1323	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1333	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm2223	$i(\bar{e}_2\gamma_\mu e_2)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm2323	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm3323	$i(\bar{e}_3\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1231	$i(\bar{e}_1\gamma_\mu e_2)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1223	$i(\bar{e}_1\gamma_\mu e_2)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1332	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1211	$i(\bar{e}_1\gamma_\mu e_2)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1311	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1312	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedIm1321	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedIm2212	$i(\bar{e}_2\gamma_\mu e_2)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedIm2213	$i(\bar{e}_2\gamma_\mu e_2)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm2311	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedIm2312	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedIm2313	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm2321	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedIm2322	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedIm2331	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cedIm2333	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cedIm3312	$i(\bar{e}_3\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cedIm3313	$i(\bar{e}_3\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1111	$(\bar{u}_1\gamma_\mu u_1)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2$	R
cud1Re1122	$(\bar{u}_1\gamma_\mu u_1)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2$	R
cud1Re1133	$(\bar{u}_1\gamma_\mu u_1)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2$	R
cud1Re2222	$(\bar{u}_2\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2$	R
cud1Re2233	$(\bar{u}_2\gamma_\mu u_2)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2$	R
cud1Re3333	$(\bar{u}_3\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2$	R
cud1Re1221	$(\bar{u}_1\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1331	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2332	$(\bar{u}_2\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2211	$(\bar{u}_2\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2$	R
cud1Re3311	$(\bar{u}_3\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2$	R
cud1Re3322	$(\bar{u}_3\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2$	R
cud1Re1112	$(\bar{u}_1\gamma_\mu u_1)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1113	$(\bar{u}_1\gamma_\mu u_1)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1123	$(\bar{u}_1\gamma_\mu u_1)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1212	$(\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1213	$(\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1222	$(\bar{u}_1\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cud1Re1232	$(\bar{u}_1\gamma_\mu u_2)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1233	$(\bar{u}_1\gamma_\mu u_2)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1313	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1322	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1323	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1333	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2223	$(\bar{u}_2\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2323	$(\bar{u}_2\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re3323	$(\bar{u}_3\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1231	$(\bar{u}_1\gamma_\mu u_2)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1223	$(\bar{u}_1\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1332	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1211	$(\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1311	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1312	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re1321	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2212	$(\bar{u}_2\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2213	$(\bar{u}_2\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2311	$(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2312	$(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2313	$(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2321	$(\bar{u}_2\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2322	$(\bar{u}_2\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2331	$(\bar{u}_2\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re2333	$(\bar{u}_2\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re3312	$(\bar{u}_3\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Re3313	$(\bar{u}_3\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1221	$i(\bar{u}_1\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1331	$i(\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im2332	$i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1112	$i(\bar{u}_1\gamma_\mu u_1)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1113	$i(\bar{u}_1\gamma_\mu u_1)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1123	$i(\bar{u}_1\gamma_\mu u_1)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1212	$i(\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1213	$i(\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1222	$i(\bar{u}_1\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1232	$i(\bar{u}_1\gamma_\mu u_2)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1233	$i(\bar{u}_1\gamma_\mu u_2)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1313	$i(\bar{u}_1\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1322	$i(\bar{u}_1\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1323	$i(\bar{u}_1\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1333	$i(\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cud1Im2223	$i(\bar{u}_2\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im2323	$i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im3323	$i(\bar{u}_3\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1231	$i(\bar{u}_1\gamma_\mu u_2)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1223	$i(\bar{u}_1\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1332	$i(\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1211	$i(\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1311	$i(\bar{u}_1\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1312	$i(\bar{u}_1\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im1321	$i(\bar{u}_1\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im2212	$i(\bar{u}_2\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im2213	$i(\bar{u}_2\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im2311	$i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im2312	$i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im2313	$i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im2321	$i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im2322	$i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im2331	$i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im2333	$i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im3312	$i(\bar{u}_3\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud1Im3313	$i(\bar{u}_3\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1111	$(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_1)/\text{TeV}^2$	R
cud8Re1122	$(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_2\gamma^\mu T^A d_2)/\text{TeV}^2$	R
cud8Re1133	$(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_3\gamma^\mu T^A d_3)/\text{TeV}^2$	R
cud8Re2222	$(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_2)/\text{TeV}^2$	R
cud8Re2233	$(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_3\gamma^\mu T^A d_3)/\text{TeV}^2$	R
cud8Re3333	$(\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/\text{TeV}^2$	R
cud8Re1221	$(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1331	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2332	$(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2211	$(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_1)/\text{TeV}^2$	R
cud8Re3311	$(\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_1)/\text{TeV}^2$	R
cud8Re3322	$(\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_2)/\text{TeV}^2$	R
cud8Re1112	$(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1113	$(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1123	$(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1212	$(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1213	$(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1222	$(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1232	$(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_3\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1233	$(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_3\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1313	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cud8Re1322	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1323	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1333	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2223	$(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2323	$(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re3323	$(\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1231	$(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_3\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1223	$(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1332	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1211	$(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1311	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1312	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re1321	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2212	$(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2213	$(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2311	$(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2312	$(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2313	$(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2321	$(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2322	$(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2331	$(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re2333	$(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re3312	$(\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Re3313	$(\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1221	$i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1331	$i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im2332	$i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1112	$i(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1113	$i(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1123	$i(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1212	$i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1213	$i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1222	$i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1232	$i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_3\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1233	$i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_3\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1313	$i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1322	$i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1323	$i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1333	$i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im2223	$i(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im2323	$i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im3323	$i(\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cud8Im1231	$i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_3\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1223	$i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1332	$i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1211	$i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1311	$i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1312	$i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im1321	$i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im2212	$i(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im2213	$i(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im2311	$i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im2312	$i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im2313	$i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im2321	$i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im2322	$i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im2331	$i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im2333	$i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im3312	$i(\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cud8Im3313	$i(\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1111	$(\bar{\ell}_1\gamma_\mu \ell_1)(\bar{e}_1\gamma^\mu e_1)/\text{TeV}^2$	R
cleRe1122	$(\bar{\ell}_1\gamma_\mu \ell_1)(\bar{e}_2\gamma^\mu e_2)/\text{TeV}^2$	R
cleRe1133	$(\bar{\ell}_1\gamma_\mu \ell_1)(\bar{e}_3\gamma^\mu e_3)/\text{TeV}^2$	R
cleRe2222	$(\bar{\ell}_2\gamma_\mu \ell_2)(\bar{e}_2\gamma^\mu e_2)/\text{TeV}^2$	R
cleRe2233	$(\bar{\ell}_2\gamma_\mu \ell_2)(\bar{e}_3\gamma^\mu e_3)/\text{TeV}^2$	R
cleRe3333	$(\bar{\ell}_3\gamma_\mu \ell_3)(\bar{e}_3\gamma^\mu e_3)/\text{TeV}^2$	R
cleRe1221	$(\bar{\ell}_1\gamma_\mu \ell_2)(\bar{e}_2\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1331	$(\bar{\ell}_1\gamma_\mu \ell_3)(\bar{e}_3\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cleRe2332	$(\bar{\ell}_2\gamma_\mu \ell_3)(\bar{e}_3\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cleRe2211	$(\bar{\ell}_2\gamma_\mu \ell_2)(\bar{e}_1\gamma^\mu e_1)/\text{TeV}^2$	R
cleRe3311	$(\bar{\ell}_3\gamma_\mu \ell_3)(\bar{e}_1\gamma^\mu e_1)/\text{TeV}^2$	R
cleRe3322	$(\bar{\ell}_3\gamma_\mu \ell_3)(\bar{e}_2\gamma^\mu e_2)/\text{TeV}^2$	R
cleRe1112	$(\bar{\ell}_1\gamma_\mu \ell_1)(\bar{e}_1\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1113	$(\bar{\ell}_1\gamma_\mu \ell_1)(\bar{e}_1\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1123	$(\bar{\ell}_1\gamma_\mu \ell_1)(\bar{e}_2\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1212	$(\bar{\ell}_1\gamma_\mu \ell_2)(\bar{e}_1\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1213	$(\bar{\ell}_1\gamma_\mu \ell_2)(\bar{e}_1\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1222	$(\bar{\ell}_1\gamma_\mu \ell_2)(\bar{e}_2\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1232	$(\bar{\ell}_1\gamma_\mu \ell_2)(\bar{e}_3\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1233	$(\bar{\ell}_1\gamma_\mu \ell_2)(\bar{e}_3\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1313	$(\bar{\ell}_1\gamma_\mu \ell_3)(\bar{e}_1\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1322	$(\bar{\ell}_1\gamma_\mu \ell_3)(\bar{e}_2\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1323	$(\bar{\ell}_1\gamma_\mu \ell_3)(\bar{e}_2\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cleRe1333	$(\bar{\ell}_1\gamma_\mu \ell_3)(\bar{e}_3\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
c1eIm1211	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm1311	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm1312	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm1321	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm2212	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm2213	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm2311	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm2312	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm2313	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm2321	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm2322	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm2331	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm2333	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm3312	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
c1eIm3313	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1111	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2$	R
cluRe1122	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2$	R
cluRe1133	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2$	R
cluRe2222	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2$	R
cluRe2233	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2$	R
cluRe3333	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2$	R
cluRe1221	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_2\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1331	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cluRe2332	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cluRe2211	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2$	R
cluRe3311	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2$	R
cluRe3322	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2$	R
cluRe1112	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1113	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1123	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1212	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1213	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1222	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1232	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1233	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1313	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1322	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1323	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cluRe1333	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cluRe2223	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cluRe2323	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cluRe3323	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cLuIm1321	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cLuIm2212	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cLuIm2213	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cLuIm2311	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cLuIm2312	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cLuIm2313	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cLuIm2321	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cLuIm2322	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cLuIm2331	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cLuIm2333	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cLuIm3312	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cLuIm3313	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1111	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2$	R
cLdRe1122	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2$	R
cLdRe1133	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2$	R
cLdRe2222	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2$	R
cLdRe2233	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2$	R
cLdRe3333	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2$	R
cLdRe1221	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1331	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe2332	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe2211	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2$	R
cLdRe3311	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2$	R
cLdRe3322	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2$	R
cLdRe1112	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1113	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1123	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1212	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1213	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1222	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1232	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1233	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1313	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1322	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1323	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1333	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe2223	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe2323	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe3323	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1231	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1223	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cLdRe1332	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cldIm2311	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cldIm2312	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cldIm2313	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cldIm2321	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cldIm2322	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cldIm2331	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cldIm2333	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cldIm3312	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cldIm3313	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1111	$(\bar{q}_1\gamma_\mu q_1)(\bar{e}_1\gamma^\mu e_1)/\text{TeV}^2$	R
cqeRe1122	$(\bar{q}_1\gamma_\mu q_1)(\bar{e}_2\gamma^\mu e_2)/\text{TeV}^2$	R
cqeRe1133	$(\bar{q}_1\gamma_\mu q_1)(\bar{e}_3\gamma^\mu e_3)/\text{TeV}^2$	R
cqeRe2222	$(\bar{q}_2\gamma_\mu q_2)(\bar{e}_2\gamma^\mu e_2)/\text{TeV}^2$	R
cqeRe2233	$(\bar{q}_2\gamma_\mu q_2)(\bar{e}_3\gamma^\mu e_3)/\text{TeV}^2$	R
cqeRe3333	$(\bar{q}_3\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_3)/\text{TeV}^2$	R
cqeRe1221	$(\bar{q}_1\gamma_\mu q_2)(\bar{e}_2\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1331	$(\bar{q}_1\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2332	$(\bar{q}_2\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2211	$(\bar{q}_2\gamma_\mu q_2)(\bar{e}_1\gamma^\mu e_1)/\text{TeV}^2$	R
cqeRe3311	$(\bar{q}_3\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_1)/\text{TeV}^2$	R
cqeRe3322	$(\bar{q}_3\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_2)/\text{TeV}^2$	R
cqeRe1112	$(\bar{q}_1\gamma_\mu q_1)(\bar{e}_1\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1113	$(\bar{q}_1\gamma_\mu q_1)(\bar{e}_1\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1123	$(\bar{q}_1\gamma_\mu q_1)(\bar{e}_2\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1212	$(\bar{q}_1\gamma_\mu q_2)(\bar{e}_1\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1213	$(\bar{q}_1\gamma_\mu q_2)(\bar{e}_1\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1222	$(\bar{q}_1\gamma_\mu q_2)(\bar{e}_2\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1232	$(\bar{q}_1\gamma_\mu q_2)(\bar{e}_3\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1233	$(\bar{q}_1\gamma_\mu q_2)(\bar{e}_3\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1313	$(\bar{q}_1\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1322	$(\bar{q}_1\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1323	$(\bar{q}_1\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1333	$(\bar{q}_1\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2223	$(\bar{q}_2\gamma_\mu q_2)(\bar{e}_2\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2323	$(\bar{q}_2\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe3323	$(\bar{q}_3\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1231	$(\bar{q}_1\gamma_\mu q_2)(\bar{e}_3\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1223	$(\bar{q}_1\gamma_\mu q_2)(\bar{e}_2\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1332	$(\bar{q}_1\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1211	$(\bar{q}_1\gamma_\mu q_2)(\bar{e}_1\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1311	$(\bar{q}_1\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe1312	$(\bar{q}_1\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cqeRe1321	$(\bar{q}_1 \gamma_\mu q_3)(\bar{e}_2 \gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2212	$(\bar{q}_2 \gamma_\mu q_2)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2213	$(\bar{q}_2 \gamma_\mu q_2)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2311	$(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2312	$(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2313	$(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2321	$(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_2 \gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2322	$(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_2 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2331	$(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_3 \gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe2333	$(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_3 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe3312	$(\bar{q}_3 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeRe3313	$(\bar{q}_3 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1221	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{e}_2 \gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1331	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{e}_3 \gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm2332	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_3 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1112	$i(\bar{q}_1 \gamma_\mu q_1)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1113	$i(\bar{q}_1 \gamma_\mu q_1)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1123	$i(\bar{q}_1 \gamma_\mu q_1)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1212	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1213	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1222	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{e}_2 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1232	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{e}_3 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1233	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{e}_3 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1313	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1322	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{e}_2 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1323	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1333	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{e}_3 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm2223	$i(\bar{q}_2 \gamma_\mu q_2)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm2323	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm3323	$i(\bar{q}_3 \gamma_\mu q_3)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1231	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{e}_3 \gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1223	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{e}_2 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1332	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{e}_3 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1211	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{e}_1 \gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1311	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1312	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm1321	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{e}_2 \gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm2212	$i(\bar{q}_2 \gamma_\mu q_2)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm2213	$i(\bar{q}_2 \gamma_\mu q_2)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm2311	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm2312	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm2313	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cqeIm2321	$i(\bar{q}_2\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm2322	$i(\bar{q}_2\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm2331	$i(\bar{q}_2\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_1)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm2333	$i(\bar{q}_2\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm3312	$i(\bar{q}_3\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_2)/\text{TeV}^2 + \text{h.c.}$	R
cqeIm3313	$i(\bar{q}_3\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1111	$(\bar{q}_1\gamma_\mu q_1)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2$	R
cqu1Re1122	$(\bar{q}_1\gamma_\mu q_1)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2$	R
cqu1Re1133	$(\bar{q}_1\gamma_\mu q_1)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2$	R
cqu1Re2222	$(\bar{q}_2\gamma_\mu q_2)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2$	R
cqu1Re2233	$(\bar{q}_2\gamma_\mu q_2)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2$	R
cqu1Re3333	$(\bar{q}_3\gamma_\mu q_3)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2$	R
cqu1Re1221	$(\bar{q}_1\gamma_\mu q_2)(\bar{u}_2\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1331	$(\bar{q}_1\gamma_\mu q_3)(\bar{u}_3\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re2332	$(\bar{q}_2\gamma_\mu q_3)(\bar{u}_3\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re2211	$(\bar{q}_2\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2$	R
cqu1Re3311	$(\bar{q}_3\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2$	R
cqu1Re3322	$(\bar{q}_3\gamma_\mu q_3)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2$	R
cqu1Re1112	$(\bar{q}_1\gamma_\mu q_1)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1113	$(\bar{q}_1\gamma_\mu q_1)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1123	$(\bar{q}_1\gamma_\mu q_1)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1212	$(\bar{q}_1\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1213	$(\bar{q}_1\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1222	$(\bar{q}_1\gamma_\mu q_2)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1232	$(\bar{q}_1\gamma_\mu q_2)(\bar{u}_3\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1233	$(\bar{q}_1\gamma_\mu q_2)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1313	$(\bar{q}_1\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1322	$(\bar{q}_1\gamma_\mu q_3)(\bar{u}_2\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1323	$(\bar{q}_1\gamma_\mu q_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1333	$(\bar{q}_1\gamma_\mu q_3)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re2223	$(\bar{q}_2\gamma_\mu q_2)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re2323	$(\bar{q}_2\gamma_\mu q_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re3323	$(\bar{q}_3\gamma_\mu q_3)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1231	$(\bar{q}_1\gamma_\mu q_2)(\bar{u}_3\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1223	$(\bar{q}_1\gamma_\mu q_2)(\bar{u}_2\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1332	$(\bar{q}_1\gamma_\mu q_3)(\bar{u}_3\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1211	$(\bar{q}_1\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1311	$(\bar{q}_1\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1312	$(\bar{q}_1\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re1321	$(\bar{q}_1\gamma_\mu q_3)(\bar{u}_2\gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re2212	$(\bar{q}_2\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re2213	$(\bar{q}_2\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cqu1Re2311	$(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_1 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re2312	$(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re2313	$(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re2321	$(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_2 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re2322	$(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_2 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re2331	$(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_3 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re2333	$(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_3 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re3312	$(\bar{q}_3 \gamma_\mu q_3)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Re3313	$(\bar{q}_3 \gamma_\mu q_3)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1221	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{u}_2 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1331	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_3 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im2332	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_3 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1112	$i(\bar{q}_1 \gamma_\mu q_1)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1113	$i(\bar{q}_1 \gamma_\mu q_1)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1123	$i(\bar{q}_1 \gamma_\mu q_1)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1212	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1213	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1222	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{u}_2 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1232	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{u}_3 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1233	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{u}_3 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1313	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1322	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_2 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1323	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1333	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_3 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im2223	$i(\bar{q}_2 \gamma_\mu q_2)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im2323	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im3323	$i(\bar{q}_3 \gamma_\mu q_3)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1231	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{u}_3 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1223	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{u}_2 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1332	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_3 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1211	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{u}_1 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1311	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_1 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1312	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im1321	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_2 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im2212	$i(\bar{q}_2 \gamma_\mu q_2)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im2213	$i(\bar{q}_2 \gamma_\mu q_2)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im2311	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_1 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im2312	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_1 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im2313	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_1 \gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im2321	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_2 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im2322	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_2 \gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im2331	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{u}_3 \gamma^\mu u_1)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cqu1Im2333	$i(\bar{q}_2\gamma_\mu q_3)(\bar{u}_3\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im3312	$i(\bar{q}_3\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu1Im3313	$i(\bar{q}_3\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1111	$(\bar{q}_1\gamma_\mu T^A q_1)(\bar{u}_1\gamma^\mu T^A u_1)/\text{TeV}^2$	R
cqu8Re1122	$(\bar{q}_1\gamma_\mu T^A q_1)(\bar{u}_2\gamma^\mu T^A u_2)/\text{TeV}^2$	R
cqu8Re1133	$(\bar{q}_1\gamma_\mu T^A q_1)(\bar{u}_3\gamma^\mu T^A u_3)/\text{TeV}^2$	R
cqu8Re2222	$(\bar{q}_2\gamma_\mu T^A q_2)(\bar{u}_2\gamma^\mu T^A u_2)/\text{TeV}^2$	R
cqu8Re2233	$(\bar{q}_2\gamma_\mu T^A q_2)(\bar{u}_3\gamma^\mu T^A u_3)/\text{TeV}^2$	R
cqu8Re3333	$(\bar{q}_3\gamma_\mu T^A q_3)(\bar{u}_3\gamma^\mu T^A u_3)/\text{TeV}^2$	R
cqu8Re1221	$(\bar{q}_1\gamma_\mu T^A q_2)(\bar{u}_2\gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1331	$(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_3\gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re2332	$(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_3\gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re2211	$(\bar{q}_2\gamma_\mu T^A q_2)(\bar{u}_1\gamma^\mu T^A u_1)/\text{TeV}^2$	R
cqu8Re3311	$(\bar{q}_3\gamma_\mu T^A q_3)(\bar{u}_1\gamma^\mu T^A u_1)/\text{TeV}^2$	R
cqu8Re3322	$(\bar{q}_3\gamma_\mu T^A q_3)(\bar{u}_2\gamma^\mu T^A u_2)/\text{TeV}^2$	R
cqu8Re1112	$(\bar{q}_1\gamma_\mu T^A q_1)(\bar{u}_1\gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1113	$(\bar{q}_1\gamma_\mu T^A q_1)(\bar{u}_1\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1123	$(\bar{q}_1\gamma_\mu T^A q_1)(\bar{u}_2\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1212	$(\bar{q}_1\gamma_\mu T^A q_2)(\bar{u}_1\gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1213	$(\bar{q}_1\gamma_\mu T^A q_2)(\bar{u}_1\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1222	$(\bar{q}_1\gamma_\mu T^A q_2)(\bar{u}_2\gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1232	$(\bar{q}_1\gamma_\mu T^A q_2)(\bar{u}_3\gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1233	$(\bar{q}_1\gamma_\mu T^A q_2)(\bar{u}_3\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1313	$(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_1\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1322	$(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_2\gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1323	$(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_2\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1333	$(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_3\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re2223	$(\bar{q}_2\gamma_\mu T^A q_2)(\bar{u}_2\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re2323	$(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_2\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re3323	$(\bar{q}_3\gamma_\mu T^A q_3)(\bar{u}_2\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1231	$(\bar{q}_1\gamma_\mu T^A q_2)(\bar{u}_3\gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1223	$(\bar{q}_1\gamma_\mu T^A q_2)(\bar{u}_2\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1332	$(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_3\gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1211	$(\bar{q}_1\gamma_\mu T^A q_2)(\bar{u}_1\gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1311	$(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_1\gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1312	$(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_1\gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re1321	$(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_2\gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re2212	$(\bar{q}_2\gamma_\mu T^A q_2)(\bar{u}_1\gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re2213	$(\bar{q}_2\gamma_\mu T^A q_2)(\bar{u}_1\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re2311	$(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_1\gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re2312	$(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_1\gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re2313	$(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_1\gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cqu8Re2321	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_2 \gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re2322	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_2 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re2331	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_3 \gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re2333	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_3 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re3312	$(\bar{q}_3 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Re3313	$(\bar{q}_3 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1221	$i(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_2 \gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1331	$i(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{u}_3 \gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im2332	$i(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_3 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1112	$i(\bar{q}_1 \gamma_\mu T^A q_1)(\bar{u}_1 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1113	$i(\bar{q}_1 \gamma_\mu T^A q_1)(\bar{u}_1 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1123	$i(\bar{q}_1 \gamma_\mu T^A q_1)(\bar{u}_2 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1212	$i(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_1 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1213	$i(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_1 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1222	$i(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_2 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1232	$i(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_3 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1233	$i(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_3 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1313	$i(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1322	$i(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{u}_2 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1323	$i(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{u}_2 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1333	$i(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{u}_3 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im2223	$i(\bar{q}_2 \gamma_\mu T^A q_2)(\bar{u}_2 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im2323	$i(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_2 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im3323	$i(\bar{q}_3 \gamma_\mu T^A q_3)(\bar{u}_2 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1231	$i(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_3 \gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1223	$i(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_2 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1332	$i(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{u}_3 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1211	$i(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_1 \gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1311	$i(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1312	$i(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im1321	$i(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{u}_2 \gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im2212	$i(\bar{q}_2 \gamma_\mu T^A q_2)(\bar{u}_1 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im2213	$i(\bar{q}_2 \gamma_\mu T^A q_2)(\bar{u}_1 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im2311	$i(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im2312	$i(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im2313	$i(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im2321	$i(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_2 \gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im2322	$i(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_2 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im2331	$i(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_3 \gamma^\mu T^A u_1)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im2333	$i(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_3 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im3312	$i(\bar{q}_3 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_2)/\text{TeV}^2 + \text{h.c.}$	R
cqu8Im3313	$i(\bar{q}_3 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cqd1Re1111	$(\bar{q}_1 \gamma_\mu q_1)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2$	R
cqd1Re1122	$(\bar{q}_1 \gamma_\mu q_1)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2$	R
cqd1Re1133	$(\bar{q}_1 \gamma_\mu q_1)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2$	R
cqd1Re2222	$(\bar{q}_2 \gamma_\mu q_2)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2$	R
cqd1Re2233	$(\bar{q}_2 \gamma_\mu q_2)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2$	R
cqd1Re3333	$(\bar{q}_3 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2$	R
cqd1Re1221	$(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_2 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1331	$(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re2332	$(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re2211	$(\bar{q}_2 \gamma_\mu q_2)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2$	R
cqd1Re3311	$(\bar{q}_3 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2$	R
cqd1Re3322	$(\bar{q}_3 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2$	R
cqd1Re1112	$(\bar{q}_1 \gamma_\mu q_1)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1113	$(\bar{q}_1 \gamma_\mu q_1)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1123	$(\bar{q}_1 \gamma_\mu q_1)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1212	$(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1213	$(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1222	$(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1232	$(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_3 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1233	$(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1313	$(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1322	$(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1323	$(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1333	$(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re2223	$(\bar{q}_2 \gamma_\mu q_2)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re2323	$(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re3323	$(\bar{q}_3 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1231	$(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_3 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1223	$(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1332	$(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1211	$(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1311	$(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1312	$(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re1321	$(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re2212	$(\bar{q}_2 \gamma_\mu q_2)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re2213	$(\bar{q}_2 \gamma_\mu q_2)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re2311	$(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re2312	$(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re2313	$(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re2321	$(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re2322	$(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re2331	$(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cqd1Re2333	$(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re3312	$(\bar{q}_3 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Re3313	$(\bar{q}_3 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1221	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_2 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1331	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im2332	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1112	$i(\bar{q}_1 \gamma_\mu q_1)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1113	$i(\bar{q}_1 \gamma_\mu q_1)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1123	$i(\bar{q}_1 \gamma_\mu q_1)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1212	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1213	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1222	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1232	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_3 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1233	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1313	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1322	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1323	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1333	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im2223	$i(\bar{q}_2 \gamma_\mu q_2)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im2323	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im3323	$i(\bar{q}_3 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1231	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_3 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1223	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_2 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1332	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1211	$i(\bar{q}_1 \gamma_\mu q_2)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1311	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1312	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im1321	$i(\bar{q}_1 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im2212	$i(\bar{q}_2 \gamma_\mu q_2)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im2213	$i(\bar{q}_2 \gamma_\mu q_2)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im2311	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im2312	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im2313	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im2321	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im2322	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_2 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im2331	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im2333	$i(\bar{q}_2 \gamma_\mu q_3)(\bar{d}_3 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im3312	$i(\bar{q}_3 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd1Im3313	$i(\bar{q}_3 \gamma_\mu q_3)(\bar{d}_1 \gamma^\mu d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1111	$(\bar{q}_1 \gamma_\mu T^A q_1)(\bar{d}_1 \gamma^\mu T^A d_1)/\text{TeV}^2$	R
cqd8Re1122	$(\bar{q}_1 \gamma_\mu T^A q_1)(\bar{d}_2 \gamma^\mu T^A d_2)/\text{TeV}^2$	R
cqd8Re1133	$(\bar{q}_1 \gamma_\mu T^A q_1)(\bar{d}_3 \gamma^\mu T^A d_3)/\text{TeV}^2$	R

WC name	Operator	Type
cqd8Re2222	$(\bar{q}_2 \gamma_\mu T^A q_2)(\bar{d}_2 \gamma^\mu T^A d_2)/\text{TeV}^2$	R
cqd8Re2233	$(\bar{q}_2 \gamma_\mu T^A q_2)(\bar{d}_3 \gamma^\mu T^A d_3)/\text{TeV}^2$	R
cqd8Re3333	$(\bar{q}_3 \gamma_\mu T^A q_3)(\bar{d}_3 \gamma^\mu T^A d_3)/\text{TeV}^2$	R
cqd8Re1221	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{d}_2 \gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1331	$(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{d}_3 \gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2332	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{d}_3 \gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2211	$(\bar{q}_2 \gamma_\mu T^A q_2)(\bar{d}_1 \gamma^\mu T^A d_1)/\text{TeV}^2$	R
cqd8Re3311	$(\bar{q}_3 \gamma_\mu T^A q_3)(\bar{d}_1 \gamma^\mu T^A d_1)/\text{TeV}^2$	R
cqd8Re3322	$(\bar{q}_3 \gamma_\mu T^A q_3)(\bar{d}_2 \gamma^\mu T^A d_2)/\text{TeV}^2$	R
cqd8Re1112	$(\bar{q}_1 \gamma_\mu T^A q_1)(\bar{d}_1 \gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1113	$(\bar{q}_1 \gamma_\mu T^A q_1)(\bar{d}_1 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1123	$(\bar{q}_1 \gamma_\mu T^A q_1)(\bar{d}_2 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1212	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{d}_1 \gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1213	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{d}_1 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1222	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{d}_2 \gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1232	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{d}_3 \gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1233	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{d}_3 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1313	$(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{d}_1 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1322	$(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{d}_2 \gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1323	$(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{d}_2 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1333	$(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{d}_3 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2223	$(\bar{q}_2 \gamma_\mu T^A q_2)(\bar{d}_2 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2323	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{d}_2 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re3323	$(\bar{q}_3 \gamma_\mu T^A q_3)(\bar{d}_2 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1231	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{d}_3 \gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1223	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{d}_2 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1332	$(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{d}_3 \gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1211	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{d}_1 \gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1311	$(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{d}_1 \gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1312	$(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{d}_1 \gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re1321	$(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{d}_2 \gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2212	$(\bar{q}_2 \gamma_\mu T^A q_2)(\bar{d}_1 \gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2213	$(\bar{q}_2 \gamma_\mu T^A q_2)(\bar{d}_1 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2311	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{d}_1 \gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2312	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{d}_1 \gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2313	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{d}_1 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2321	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{d}_2 \gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2322	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{d}_2 \gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2331	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{d}_3 \gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re2333	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{d}_3 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re3312	$(\bar{q}_3 \gamma_\mu T^A q_3)(\bar{d}_1 \gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Re3313	$(\bar{q}_3 \gamma_\mu T^A q_3)(\bar{d}_1 \gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cqd8Im1221	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_2\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1331	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_3\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im2332	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_3\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1112	$i(\bar{q}_1\gamma_\mu T^A q_1)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1113	$i(\bar{q}_1\gamma_\mu T^A q_1)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1123	$i(\bar{q}_1\gamma_\mu T^A q_1)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1212	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1213	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1222	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_2\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1232	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_3\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1233	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_3\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1313	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1322	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1323	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1333	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_3\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im2223	$i(\bar{q}_2\gamma_\mu T^A q_2)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im2323	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im3323	$i(\bar{q}_3\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1231	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_3\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1223	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_2\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1332	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_3\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1211	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_1\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1311	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_1\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1312	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im1321	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im2212	$i(\bar{q}_2\gamma_\mu T^A q_2)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im2213	$i(\bar{q}_2\gamma_\mu T^A q_2)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im2311	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_1\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im2312	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im2313	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im2321	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im2322	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im2331	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_3\gamma^\mu T^A d_1)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im2333	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_3\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im3312	$i(\bar{q}_3\gamma_\mu T^A q_3)(\bar{d}_1\gamma^\mu T^A d_2)/\text{TeV}^2 + \text{h.c.}$	R
cqd8Im3313	$i(\bar{q}_3\gamma_\mu T^A q_3)(\bar{d}_1\gamma^\mu T^A d_3)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe1111	$(\bar{\ell}_1^I e_1)(\bar{d}_1 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe1112	$(\bar{\ell}_1^I e_1)(\bar{d}_1 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe1113	$(\bar{\ell}_1^I e_1)(\bar{d}_1 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe1121	$(\bar{\ell}_1^I e_1)(\bar{d}_2 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe1122	$(\bar{\ell}_1^I e_1)(\bar{d}_2 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe1123	$(\bar{\ell}_1^I e_1)(\bar{d}_2 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cledqRe2321	$(\bar{\ell}_2^I e_3)(\bar{d}_2 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe2322	$(\bar{\ell}_2^I e_3)(\bar{d}_2 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe2323	$(\bar{\ell}_2^I e_3)(\bar{d}_2 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe2331	$(\bar{\ell}_2^I e_3)(\bar{d}_3 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe2332	$(\bar{\ell}_2^I e_3)(\bar{d}_3 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe2333	$(\bar{\ell}_2^I e_3)(\bar{d}_3 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3111	$(\bar{\ell}_3^I e_1)(\bar{d}_1 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3112	$(\bar{\ell}_3^I e_1)(\bar{d}_1 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3113	$(\bar{\ell}_3^I e_1)(\bar{d}_1 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3121	$(\bar{\ell}_3^I e_1)(\bar{d}_2 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3122	$(\bar{\ell}_3^I e_1)(\bar{d}_2 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3123	$(\bar{\ell}_3^I e_1)(\bar{d}_2 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3131	$(\bar{\ell}_3^I e_1)(\bar{d}_3 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3132	$(\bar{\ell}_3^I e_1)(\bar{d}_3 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3133	$(\bar{\ell}_3^I e_1)(\bar{d}_3 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3211	$(\bar{\ell}_3^I e_2)(\bar{d}_1 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3212	$(\bar{\ell}_3^I e_2)(\bar{d}_1 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3213	$(\bar{\ell}_3^I e_2)(\bar{d}_1 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3221	$(\bar{\ell}_3^I e_2)(\bar{d}_2 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3222	$(\bar{\ell}_3^I e_2)(\bar{d}_2 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3223	$(\bar{\ell}_3^I e_2)(\bar{d}_2 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3231	$(\bar{\ell}_3^I e_2)(\bar{d}_3 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3232	$(\bar{\ell}_3^I e_2)(\bar{d}_3 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3233	$(\bar{\ell}_3^I e_2)(\bar{d}_3 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3311	$(\bar{\ell}_3^I e_3)(\bar{d}_1 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3312	$(\bar{\ell}_3^I e_3)(\bar{d}_1 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3313	$(\bar{\ell}_3^I e_3)(\bar{d}_1 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3321	$(\bar{\ell}_3^I e_3)(\bar{d}_2 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3322	$(\bar{\ell}_3^I e_3)(\bar{d}_2 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3323	$(\bar{\ell}_3^I e_3)(\bar{d}_2 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3331	$(\bar{\ell}_3^I e_3)(\bar{d}_3 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3332	$(\bar{\ell}_3^I e_3)(\bar{d}_3 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqRe3333	$(\bar{\ell}_3^I e_3)(\bar{d}_3 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm1111	$i(\bar{\ell}_1^I e_1)(\bar{d}_1 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm1112	$i(\bar{\ell}_1^I e_1)(\bar{d}_1 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm1113	$i(\bar{\ell}_1^I e_1)(\bar{d}_1 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm1121	$i(\bar{\ell}_1^I e_1)(\bar{d}_2 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm1122	$i(\bar{\ell}_1^I e_1)(\bar{d}_2 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm1123	$i(\bar{\ell}_1^I e_1)(\bar{d}_2 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm1131	$i(\bar{\ell}_1^I e_1)(\bar{d}_3 q_1^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm1132	$i(\bar{\ell}_1^I e_1)(\bar{d}_3 q_2^I)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm1133	$i(\bar{\ell}_1^I e_1)(\bar{d}_3 q_3^I)/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
cledqIm2331	$i(\bar{\ell}_2^J e_3)(\bar{d}_3 q_1^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm2332	$i(\bar{\ell}_2^J e_3)(\bar{d}_3 q_2^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm2333	$i(\bar{\ell}_2^J e_3)(\bar{d}_3 q_3^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3111	$i(\bar{\ell}_3^J e_1)(\bar{d}_1 q_1^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3112	$i(\bar{\ell}_3^J e_1)(\bar{d}_1 q_2^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3113	$i(\bar{\ell}_3^J e_1)(\bar{d}_1 q_3^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3121	$i(\bar{\ell}_3^J e_1)(\bar{d}_2 q_1^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3122	$i(\bar{\ell}_3^J e_1)(\bar{d}_2 q_2^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3123	$i(\bar{\ell}_3^J e_1)(\bar{d}_2 q_3^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3131	$i(\bar{\ell}_3^J e_1)(\bar{d}_3 q_1^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3132	$i(\bar{\ell}_3^J e_1)(\bar{d}_3 q_2^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3133	$i(\bar{\ell}_3^J e_1)(\bar{d}_3 q_3^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3211	$i(\bar{\ell}_3^J e_2)(\bar{d}_1 q_1^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3212	$i(\bar{\ell}_3^J e_2)(\bar{d}_1 q_2^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3213	$i(\bar{\ell}_3^J e_2)(\bar{d}_1 q_3^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3221	$i(\bar{\ell}_3^J e_2)(\bar{d}_2 q_1^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3222	$i(\bar{\ell}_3^J e_2)(\bar{d}_2 q_2^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3223	$i(\bar{\ell}_3^J e_2)(\bar{d}_2 q_3^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3231	$i(\bar{\ell}_3^J e_2)(\bar{d}_3 q_1^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3232	$i(\bar{\ell}_3^J e_2)(\bar{d}_3 q_2^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3233	$i(\bar{\ell}_3^J e_2)(\bar{d}_3 q_3^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3311	$i(\bar{\ell}_3^J e_3)(\bar{d}_1 q_1^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3312	$i(\bar{\ell}_3^J e_3)(\bar{d}_1 q_2^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3313	$i(\bar{\ell}_3^J e_3)(\bar{d}_1 q_3^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3321	$i(\bar{\ell}_3^J e_3)(\bar{d}_2 q_1^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3322	$i(\bar{\ell}_3^J e_3)(\bar{d}_2 q_2^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3323	$i(\bar{\ell}_3^J e_3)(\bar{d}_2 q_3^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3331	$i(\bar{\ell}_3^J e_3)(\bar{d}_3 q_1^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3332	$i(\bar{\ell}_3^J e_3)(\bar{d}_3 q_2^J)/\text{TeV}^2 + \text{h.c.}$	R
cledqIm3333	$i(\bar{\ell}_3^J e_3)(\bar{d}_3 q_3^J)/\text{TeV}^2 + \text{h.c.}$	R
cquqd1Re1111	$(\bar{q}_1^J u_1)(\bar{q}_1^J d_1)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
cquqd1Re1112	$(\bar{q}_1^J u_1)(\bar{q}_1^J d_2)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
cquqd1Re1113	$(\bar{q}_1^J u_1)(\bar{q}_1^J d_3)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
cquqd1Re1121	$(\bar{q}_1^J u_1)(\bar{q}_2^J d_1)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
cquqd1Re1122	$(\bar{q}_1^J u_1)(\bar{q}_2^J d_2)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
cquqd1Re1123	$(\bar{q}_1^J u_1)(\bar{q}_2^J d_3)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
cquqd1Re1131	$(\bar{q}_1^J u_1)(\bar{q}_3^J d_1)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
cquqd1Re1132	$(\bar{q}_1^J u_1)(\bar{q}_3^J d_2)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
cquqd1Re1133	$(\bar{q}_1^J u_1)(\bar{q}_3^J d_3)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
cquqd1Re1211	$(\bar{q}_1^J u_2)(\bar{q}_1^J d_1)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
cquqd1Re1212	$(\bar{q}_1^J u_2)(\bar{q}_1^J d_2)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
cquqd1Re1213	$(\bar{q}_1^J u_2)(\bar{q}_1^J d_3)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R

WC name	Operator	Type
c1equ3Im3321	$i(\bar{\ell}_3^J \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_1)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
c1equ3Im3322	$i(\bar{\ell}_3^J \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_2)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
c1equ3Im3323	$i(\bar{\ell}_3^J \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_3)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
c1equ3Im3331	$i(\bar{\ell}_3^J \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_1)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
c1equ3Im3332	$i(\bar{\ell}_3^J \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_2)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R
c1equ3Im3333	$i(\bar{\ell}_3^J \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_3)\varepsilon_{IJ}/\text{TeV}^2 + \text{h.c.}$	R