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 LambdaSMEFT=10e+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

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

dB=dL=0

WC name	Operator	Type
cG	$f^{ABC}G^{A\nu}_{\mu}G^{B\rho}_{\nu}G^{C\mu}_{\rho}/TeV^2$	R
cGtil	$f^{ABC}\widetilde{G}^{A u}G^{B ho}G^{C\mu}/T_eV^2$	R
cW	$arepsilon^{IJK}W_{\mu}^{I u}V_{ u}^{J ho}W_{ ho}^{K\mu}/TeV^{2}$	R
cWtil	$\varepsilon^{IJK}\widetilde{W}_{\mu}^{I\nu}W_{\nu}^{J\rho}W_{\rho}^{K\mu}/TeV^{2}$	R
сН	$(H^\dagger H)^3/TeV^2$	\mathbf{R}
cHbox	$(H^{\dagger}H)\Box(H^{\dagger}H)/TeV^2$	\mathbf{R}
cHDD	$(D_{\mu}H^{\dagger}H)(H^{\dagger}D^{\mu}H)/TeV^{2}$	\mathbf{R}
cHG	$G^{A}_{\mu u}G^{A\mu u}H^{\dagger}H/TeV^{2}$	\mathbf{R}
cHGtil	$\widetilde{G}^{A}_{\mu u}G^{A\mu u}H^{\dagger}H/TeV^{2}$	R
cHW	$W^I_{\mu u}W^{I\mu u}H^\dagger H/TeV^2$	${ m R}$
cHWtil	$\widetilde{W}^{I}_{\mu u}W^{I\mu u}H^{\dagger}H/TeV^2$	R
сНВ	$B_{\mu u}^{}B^{\mu u}H^{\dagger}H/TeV^2$	\mathbf{R}
cHBtil	$\widetilde{B}_{\mu u}B^{\mu u}H^{\dagger}H/TeV^2$	R
cHWB	$B_{\mu\nu}W^{I\mu\nu}H^{\dagger}\sigma^{I}H/TeV^{2}$	\mathbf{R}
cHWBtil	$B_{\mu u}\widetilde{W}^{I\mu u}H^{\dagger}\sigma^{I}H/TeV^{2}$	R
ceHRe11	$(\bar{\ell_1}He_1)(H^\dagger H)/TeV^2 + hc$	\mathbf{R}
ceHRe22	$(\bar{\ell}_2 H e_2)(H^{\dagger} H)/TeV^2 + hc$	\mathbf{R}
ceHRe33	$(\bar{\ell}_3 H e_3)(H^{\dagger} H)/TeV^2 + hc$	R
ceHRe12	$(\bar{\ell}_1 H e_2)(H^{\dagger} H)/TeV^2 + hc$	R
ceHRe13	$(\bar{\ell}_1 H e_3)(H^{\dagger} H)/TeV^2 + hc$	\mathbf{R}
ceHRe21	$(\bar{\ell}_2 H e_1)(H^{\dagger} H)/TeV^2 + hc$	R
ceHRe23	$(\bar{\ell}_2 H e_3)(H^{\dagger} H)/TeV^2 + hc$	\mathbf{R}
ceHRe31	$(\bar{\ell}_3 He_1)(H^{\dagger}H)/TeV^2 + hc$	R
ceHRe32	$(\bar{\ell}_3 H e_2)(H^{\dagger} H)/TeV^2 + hc$	R

WC name	Operator	Type
ceHIm11	$i(\bar{\ell}_1 H e_1)(H^\dagger H)/TeV^2 + hc$	R
ceHIm22	$i(\bar{\ell}_2 H e_2)(H^{\dagger} H)/TeV^2 + hc$	R
ceHIm33	$i(\bar{\ell}_3 H e_3)(H^{\dagger} H)/TeV^2 + hc$	R
ceHIm12	$i(\bar{\ell}_1 H e_2)(H^\dagger H)/TeV^2 + hc$	R
ceHIm13	$i(\bar{\ell}_1 H e_3)(H^{\dagger} H)/TeV^2 + hc$	R
ceHIm21	$i(\bar{\ell}_2 H e_1)(H^{\dagger} H)/TeV^2 + hc$	R
ceHIm23	$i(\bar{\ell}_2 H e_3)(H^{\dagger} H)/TeV^2 + hc$	R
ceHIm31	$i(\bar{\ell}_3 H e_1)(H^{\dagger} H)/TeV^2 + hc$	R
ceHIm32	$i(\bar{\ell}_3 H e_2)(H^{\dagger} H)/TeV^2 + hc$	R
cuHRe11	$(\bar{q}_1\tilde{H}u_1)(H^{\dagger}H)/TeV^2 + hc$	R
cuHRe22	$(\bar{q}_2\tilde{H}u_2)(H^{\dagger}H)/TeV^2 + hc$	R
cuHRe33	$(\bar{q}_3\tilde{H}u_3)(H^{\dagger}H)/TeV^2 + hc$	R
cuHRe12	$(\bar{q}_1\tilde{H}u_2)(H^{\dagger}H)/TeV^2 + hc$	R
cuHRe13	$(\bar{q}_1 \tilde{H} u_3)(H^{\dagger} H)/TeV^2 + hc$	R
cuHRe21	$(\bar{q}_2\tilde{H}u_1)(H^{\dagger}H)/TeV^2 + hc$	R
cuHRe23	$(\bar{q}_2\tilde{H}u_3)(H^{\dagger}H)/TeV^2 + hc$	R
cuHRe31	$(\bar{q}_3\tilde{H}u_1)(H^{\dagger}H)/TeV^2 + hc$	R
cuHRe32	$(\bar{q}_3 H u_2)(H^{\dagger} H)/TeV^2 + hc$	R
cuHIm11	$i(\bar{q}_1 H u_1)(H^{\dagger} H)/TeV^2 + hc$	R
cuHIm22	$i(\bar{q}_2\tilde{H}u_2)(H^{\dagger}H)/TeV^2 + hc$	R
cuHIm33	$i(\bar{q}_3\tilde{H}u_3)(H^{\dagger}H)/TeV^2 + hc$	R
cuHIm12	$i(\bar{q}_1 \ddot{H} u_2)(H^{\dagger} H)/TeV^2 + hc$	R
cuHIm13	$i(\bar{q}_1 \ddot{H} u_3)(H^{\dagger} H)/TeV^2 + hc$	R
cuHIm21	$i(\bar{q}_2\tilde{H}u_1)(H^{\dagger}H)/TeV^2 + hc$	R
cuHIm23	$i(\bar{q}_2\tilde{H}u_3)(H^{\dagger}H)/TeV^2 + hc$	R
cuHIm31	$i(\bar{q}_3 \ddot{H} u_1)(H^{\dagger} H)/TeV^2 + hc$	R
cuHIm32	$i(\bar{q}_3\tilde{H}u_2)(H^{\dagger}H)/TeV^2 + hc$	R
cdHRe11	$(\bar{q}_1 H d_1)(H^{\dagger} H)/TeV^2 + hc$	R
cdHRe22	$(\bar{q}_2Hd_2)(H^{\dagger}H)/TeV^2 + hc$	R
cdHRe33	$(\bar{q}_3Hd_3)(H^{\dagger}H)/TeV^2 + hc$	R
cdHRe12	$(\bar{q}_1 H d_2)(H^{\dagger} H)/TeV^2 + hc$	R
cdHRe13	$(\bar{q}_1 H d_3)(H^{\dagger} H)/TeV^2 + hc$	R
cdHRe21	$(\bar{q}_2 H d_1)(H^{\dagger} H)/TeV^2 + hc$	R
cdHRe23	$(\bar{q}_2 H d_3)(H^{\dagger} H)/TeV^2 + hc (\bar{q}_3 H d_1)(H^{\dagger} H)/TeV^2 + hc$	R
cdHRe31 cdHRe32	$(q_3Ha_1)(H^{\dagger}H)/TeV + hc$ $(\bar{q}_3Hd_2)(H^{\dagger}H)/TeV^2 + hc$	R R
cdHIm11	$i(\bar{q}_1Hd_1)(H^{\dagger}H)/TeV^2 + hc$	R
cdHIm22	$i(q_1Hu_1)(H^\dagger H)/TeV^\dagger + hc$ $i(\bar{q}_2Hd_2)(H^\dagger H)/TeV^2 + hc$	R
cdHIm33	$i(q_2Hu_2)(H^\dagger H)/TeV^\dagger + hc$ $i(\bar{q}_3Hd_3)(H^\dagger H)/TeV^2 + hc$	R
cdHIm12	$i(q_3Hu_3)(H^\dagger H)/TeV^2 + hc$ $i(\bar{q}_1Hd_2)(H^\dagger H)/TeV^2 + hc$	R
cdHIm13	$i(q_1Hd_2)(H^\dagger H)/TeV^\dagger + hc$ $i(\bar{q}_1Hd_3)(H^\dagger H)/TeV^2 + hc$	R
cdHIm21	$i(\bar{q}_1Hd_3)(HH)/TeV + hc$ $i(\bar{q}_2Hd_1)(H^\dagger H)/TeV^2 + hc$	R
cdHIm23	$i(\bar{q}_2Ha_1)(H^\dagger H)/TeV^\dagger + hc$ $i(\bar{q}_2Ha_3)(H^\dagger H)/TeV^2 + hc$	R

$\begin{array}{lll} {\rm cdHIm31} & i(\bar{q}_3Hd_1)(H^{\dagger}H)/TeV^2 + hc \\ {\rm cdHIm32} & i(\bar{q}_3Hd_2)(H^{\dagger}H)/TeV^2 + hc \\ {\rm ceWRe11} & (\bar{\ell}_1\sigma^IH\sigma^{\mu\nu}e_1)W^I_{\mu\nu}/TeV^2 + hc \\ {\rm ceWRe22} & (\bar{\ell}_2\sigma^IH\sigma^{\mu\nu}e_2)W^I_{\mu\nu}/TeV^2 + hc \\ {\rm ceWRe33} & (\bar{\ell}_3\sigma^IH\sigma^{\mu\nu}e_3)W^I_{\mu\nu}/TeV^2 + hc \\ {\rm ceWRe12} & (\bar{\ell}_1\sigma^IH\sigma^{\mu\nu}e_2)W^I_{\mu\nu}/TeV^2 + hc \\ {\rm ceWRe13} & (\bar{\ell}_1\sigma^IH\sigma^{\mu\nu}e_3)W^I_{\mu\nu}/TeV^2 + hc \\ {\rm ceWRe21} & (\bar{\ell}_2\sigma^IH\sigma^{\mu\nu}e_1)W^I_{\mu\nu}/TeV^2 + hc \\ {\rm ceWRe21} & (\bar{\ell}_2\sigma^IH\sigma^{\mu\nu}e_1)W^I_{\mu\nu}/TeV^2 + hc \\ \end{array}$	R R R R R R R
$\begin{array}{lll} \text{ceWRe11} & (\bar{\ell}_{1}\sigma^{I}H\sigma^{\mu\nu}e_{1})W_{\mu\nu}^{I}/TeV^{2} + hc \\ \text{ceWRe22} & (\bar{\ell}_{2}\sigma^{I}H\sigma^{\mu\nu}e_{2})W_{\mu\nu}^{I}/TeV^{2} + hc \\ \text{ceWRe33} & (\bar{\ell}_{3}\sigma^{I}H\sigma^{\mu\nu}e_{3})W_{\mu\nu}^{I}/TeV^{2} + hc \\ \text{ceWRe12} & (\bar{\ell}_{1}\sigma^{I}H\sigma^{\mu\nu}e_{2})W_{\mu\nu}^{I}/TeV^{2} + hc \\ \text{ceWRe13} & (\bar{\ell}_{1}\sigma^{I}H\sigma^{\mu\nu}e_{3})W_{\mu\nu}^{I}/TeV^{2} + hc \\ \text{ceWRe21} & (\bar{\ell}_{2}\sigma^{I}H\sigma^{\mu\nu}e_{3})W_{\mu\nu}^{I}/TeV^{2} + hc \\ \end{array}$	R R R R R
ceWRe22 $(\ell_2 \sigma^I H \sigma^{\mu\nu} e_2) W^I_{\mu\nu} / TeV^2 + hc$ ceWRe33 $(\bar{\ell}_3 \sigma^I H \sigma^{\mu\nu} e_3) W^I_{\mu\nu} / TeV^2 + hc$ ceWRe12 $(\bar{\ell}_1 \sigma^I H \sigma^{\mu\nu} e_2) W^I_{\mu\nu} / TeV^2 + hc$ ceWRe13 $(\bar{\ell}_1 \sigma^I H \sigma^{\mu\nu} e_3) W^I_{\mu\nu} / TeV^2 + hc$ ceWRe21 $(\bar{\ell}_2 \sigma^I H \sigma^{\mu\nu} e_1) W^I_{\mu\nu} / TeV^2 + hc$	R R R R
ceWRe22 $(\ell_2 \sigma^I H \sigma^{\mu\nu} e_2) W^I_{\mu\nu} / TeV^2 + hc$ ceWRe33 $(\bar{\ell}_3 \sigma^I H \sigma^{\mu\nu} e_3) W^I_{\mu\nu} / TeV^2 + hc$ ceWRe12 $(\bar{\ell}_1 \sigma^I H \sigma^{\mu\nu} e_2) W^I_{\mu\nu} / TeV^2 + hc$ ceWRe13 $(\bar{\ell}_1 \sigma^I H \sigma^{\mu\nu} e_3) W^I_{\mu\nu} / TeV^2 + hc$ ceWRe21 $(\bar{\ell}_2 \sigma^I H \sigma^{\mu\nu} e_1) W^I_{\mu\nu} / TeV^2 + hc$	R R R
ceWRe12 $ \begin{array}{ccc} (\bar{\ell}_1\sigma^I H \sigma^{\mu\nu} e_2) W^I_{\mu\nu}/TeV^2 + hc \\ \text{ceWRe13} & (\bar{\ell}_1\sigma^I H \sigma^{\mu\nu} e_3) W^I_{\mu\nu}/TeV^2 + hc \\ \text{ceWRe21} & (\bar{\ell}_2\sigma^I H \sigma^{\mu\nu} e_1) W^I_{-}/TeV^2 + hc \end{array} $	R R R
ceWRe13 $ (\bar{\ell}_1 \sigma^I H \sigma^{\mu\nu} e_3) W^I_{\mu\nu} / TeV^2 + hc $ ceWRe21 $ (\bar{\ell}_2 \sigma^I H \sigma^{\mu\nu} e_1) W^I_{-} / TeV^2 + hc $	R R
ceWRe21 $(\bar{\ell}_2 \sigma^I H \sigma^{\mu\nu} e_1) W^I / TeV^2 + hc$	R
ceWRe21 $(\bar{\ell}_2 \sigma^I H \sigma^{\mu\nu} e_1) W^I / TeV^2 + hc$	
$(2^{-1})^{-1}\mu\nu$	R.
college ($\ell_0 \sigma^1 H \sigma^{\mu\nu} e_0 W^1 / TeV^2 \perp hc$	
ceWRe31 $ \begin{array}{ccc} (\bar{\ell}_3\sigma^I H \sigma^{\mu\nu} e_3) W_{\mu\nu}/TeV & + hc \\ (\bar{\ell}_3\sigma^I H \sigma^{\mu\nu} e_1) W_{\mu\nu}^I/TeV^2 + hc \\ (\bar{\ell}_3\sigma^I H \sigma^{\mu\nu} e_2) W_{\mu\nu}^I/TeV^2 + hc \\ \end{array} $	R
ceWRe32 $(ar{\ell}_3\sigma^I H \sigma^{\mu\nu} e_2) W^I_{\mu\nu}/TeV^2 + hc$	R
ceWIm11 $i(\bar{\ell}_1\sigma^I H \sigma^{\mu\nu} e_1) W^I_{\mu\nu}/TeV^2 + hc$	R
ceWIm22 $i(\bar{\ell}_2\sigma^I H \sigma^{\mu\nu} e_2) W^I_{\mu\nu}/TeV^2 + hc$	\mathbf{R}
ceWIm33 $i(\bar{\ell}_3\sigma^I H \sigma^{\mu\nu} e_3) W_{\mu\nu}^{I}/TeV^2 + hc$	\mathbf{R}
ceWIm12 $i(\bar{\ell}_1\sigma^I H \sigma^{\mu\nu} e_2)W^{II}_{\mu\nu}/TeV^2 + hc$	${ m R}$
ceWIm13 $i(\bar{\ell}_1\sigma^I H \sigma^{\mu\nu} e_3) W_{\mu\nu}^{II}/TeV^2 + hc$	${ m R}$
ceWIm21 $i(\bar{\ell}_2\sigma^I H \sigma^{\mu\nu} e_1)W^I_{\cdots}/TeV^2 + hc$	${ m R}$
ceWIm23 $i(\ell_2\sigma^I H \sigma^{\mu\nu} e_3)W_{\mu\nu}^I/TeV^2 + hc$	${ m R}$
ceWIm31 $i(\bar{\ell}_3\sigma^I H \sigma^{\mu\nu} e_1) W^I_{\mu\nu}/TeV^2 + hc$ ceWIm32 $i(\bar{\ell}_3\sigma^I H \sigma^{\mu\nu} e_2) W^I_{\mu\nu}/TeV^2 + hc$	${ m R}$
ceWIm32 $i(\bar{\ell}_3\sigma^I H \sigma^{\mu\nu} e_2)W_{\mu\nu}^I/TeV^2 + hc$	${ m R}$
ceBRe11 $(\bar{\ell}_1 H \sigma^{\mu\nu} e_1) B_{\mu\nu}/TeV^2 + hc$	${ m R}$
ceBRe22 $(\bar{\ell}_2 H \sigma^{\mu\nu} e_2) B_{\mu\nu} / TeV^2 + hc$	${ m R}$
ceBRe33 $(\bar{\ell}_3 H \sigma^{\mu\nu} e_3) B_{\mu\nu} / TeV^2 + hc$	${ m R}$
ceBRe12 $(\bar{\ell}_1 H \sigma^{\mu\nu} e_2) B_{\mu\nu} / TeV^2 + hc$	${ m R}$
ceBRe13 $(\bar{\ell}_1 H \sigma^{\mu\nu} e_3) B_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
ceBRe21 $(\bar{\ell}_2 H \sigma^{\mu\nu} e_1) B_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
ceBRe23 $(\bar{\ell}_2 H \sigma^{\mu\nu} e_3) B_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
ceBRe31 $(\bar{\ell}_3 H \sigma^{\mu\nu} e_1) B_{\mu\nu}/TeV^2 + hc$	R
ceBRe32 $(\bar{\ell}_3 H \sigma^{\mu\nu} e_2) B_{\mu\nu} / TeV^2 + hc$	R
ceBIm11 $i(\bar{\ell}_1 H \sigma^{\mu\nu} e_1) B_{\mu\nu} / TeV^2 + hc$	R
ceBIm22 $i(\bar{\ell}_2 H \sigma^{\mu\nu} e_2) B_{\mu\nu}/TeV^2 + hc$	R
ceBIm33 $i(\bar{\ell}_3 H \sigma^{\mu\nu} e_3) B_{\mu\nu}/TeV^2 + hc$	\mathbf{R}
ceBIm12 $i(\bar{\ell}_1 H \sigma^{\mu\nu} e_2) B_{\mu\nu}/TeV^2 + hc$	R
ceBIm13 $i(\bar{\ell}_1 H \sigma^{\mu\nu} e_3) B_{\mu\nu}/TeV^2 + hc$	R
ceBIm21 $i(\bar{\ell}_2 H \sigma^{\mu\nu} e_1) B_{\mu\nu}/TeV^2 + hc$	R
ceBIm23 $i(\bar{\ell}_2 H \sigma^{\mu\nu} e_3) B_{\mu\nu}/TeV^2 + hc$	R
ceBIm31 $i(\bar{\ell}_3 H \sigma^{\mu\nu} e_1) B_{\mu\nu}/TeV^2 + hc$	${ m R}$
ceBIm32 $i(\bar{\ell}_3 H \sigma^{\mu\nu} e_2) B_{\mu\nu}/TeV^2 + hc$	R
cuGRe11 $(ar{q}_1 ilde{H} \sigma^{\mu u} T^A u_1) G^A_{\mu u} / TeV^2 + hc$	R
cuGRe22 $(ar{q}_2 ilde{H}\sigma^{\mu\nu}T^Au_2)G^{A}_{\mu\nu}/TeV^2+hc$	${ m R}$
cuGRe33 $(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_3) G^{A}_{\mu\nu}/TeV^2 + hc$	R
$\begin{array}{ll} \text{cuGRe11} & (\bar{q}_1 \tilde{H} \sigma^{\mu\nu} T^A u_1) G^A_{\mu\nu} / TeV^2 + hc \\ \text{cuGRe22} & (\bar{q}_2 \tilde{H} \sigma^{\mu\nu} T^A u_2) G^A_{\mu\nu} / TeV^2 + hc \\ \text{cuGRe33} & (\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_3) G^A_{\mu\nu} / TeV^2 + hc \\ \text{cuGRe12} & (\bar{q}_1 \tilde{H} \sigma^{\mu\nu} T^A u_2) G^A_{\mu\nu} / TeV^2 + hc \\ \end{array}$	${ m R}$

WC name	Operator	Type
cuGRe13	$(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} T^A u_3) G^A_{\mu\nu} / TeV^2 + hc$	R
cuGRe21	$(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} T^A u_1) G^A_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
cuGRe23	$(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} T^A u_3) G^A_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
cuGRe31	$(\bar{q}_{1}\tilde{H}\sigma^{\mu\nu}T^{A}u_{1})G^{A}_{\mu\nu}/TeV^{2} + hc$ $(\bar{q}_{2}\tilde{H}\sigma^{\mu\nu}T^{A}u_{1})G^{A}_{\mu\nu}/TeV^{2} + hc$ $(\bar{q}_{3}\tilde{H}\sigma^{\mu\nu}T^{A}u_{3})G^{A}_{\mu\nu}/TeV^{2} + hc$ $(\bar{q}_{3}\tilde{H}\sigma^{\mu\nu}T^{A}u_{1})G^{A}_{\mu\nu}/TeV^{2} + hc$ $(\bar{q}_{3}\tilde{H}\sigma^{\mu\nu}T^{A}u_{2})G^{A}_{\mu\nu}/TeV^{2} + hc$	R
cuGRe32	$(\bar{q}_3\tilde{H}\sigma^{\mu\nu}T^Au_2)G^{\mu\nu}_{\mu\nu}/TeV^2 + hc$	R
cuGIm11	$i(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} T^A u_1) G^{\mu\nu}_{\mu\nu} / TeV^2 + hc$	R
cuGIm22	$i(\bar{q}_2\tilde{H}\sigma^{\mu\nu}T^Au_2)G^{\mu\nu}_{\mu\nu}/TeV^2 + hc$	R
cuGIm33	$i(\bar{q}_3\tilde{H}\sigma^{\mu\nu}T^Au_3)G^A_{\mu\nu}/TeV^2+hc$	R
cuGIm12	$i(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} T^A u_2) G_{\mu\nu}^A / TeV^2 + hc$	R
cuGIm13	$i(\bar{a}, H\sigma^{\mu\nu}T^A_{a\mu})C^A/T_cV^2 + h_c$	R
cuGIm21	$i(q_1 \tilde{H} \sigma^{\mu\nu} T^A u_1) G^A_{\mu\nu} / TeV^2 + hc$ $i(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} T^A u_1) G^A_{\mu\nu} / TeV^2 + hc$ $i(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_3) G^A_{\mu\nu} / TeV^2 + hc$ $i(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_1) G^A_{\mu\nu} / TeV^2 + hc$ $i(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_2) G^A_{\mu\nu} / TeV^2 + hc$ $(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} u_1) W^I_{\mu\nu} / TeV^2 + hc$	R
cuGIm23	$i(\bar{q}_2\tilde{H}\sigma^{\mu\nu}T^Au_3)G^{\mu\nu}_{\mu\nu}/TeV^2+hc$	R
cuGIm31	$i(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_1) G_{\mu\nu}^{\mu\nu} / TeV^2 + hc$	R
cuGIm32	$i(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} T^A u_2) G_{\mu\nu}^{\mu\nu} / TeV^2 + hc$	R
cuWRe11	$(\bar{q}_1\sigma^I\tilde{H}\sigma^{\mu\nu}u_1)W_{\mu\nu}^I/TeV^2 + hc$	R
cuWRe22	$(\bar{q}_2\sigma^I\tilde{\mu}\sigma^{\mu\nu}u_2)W^I_{\mu\nu}/TeV^2 + hc$	R
cuWRe33	$(\bar{q}_3\sigma^I\tilde{H}\sigma^{\mu\nu}u_3)W^I_{\mu\nu}/TeV^2 + hc$	R
cuWRe12	$(\bar{q}_1\sigma^I\tilde{H}\sigma^{\mu\nu}u_2)W^I_{\mu\nu}/TeV^2+hc$	R
cuWRe13	$(\bar{q}_1\sigma^I\tilde{H}\sigma^{\mu\nu}u_3)W^I_{\mu\nu}/TeV^2+hc$	R
cuWRe21	$(\bar{q}_2\sigma^I\tilde{H}\sigma^{\mu\nu}u_1)W^I_{}/TeV^2+hc$	R
cuWRe23	$\begin{array}{l} (\bar{q}_2\sigma^I\tilde{H}\sigma^{\mu\nu}u_1)W_{\mu\nu}^I/TeV^2 + hc\\ (\bar{q}_2\sigma^I\tilde{H}\sigma^{\mu\nu}u_3)W_{\mu\nu}^I/TeV^2 + hc \end{array}$	R
cuWRe31	$\begin{array}{c} (\bar{q}_{3}\sigma^{I}\tilde{H}\sigma^{\mu\nu}u_{1})W_{\mu\nu}^{I}/TeV^{2} + hc \\ (\bar{q}_{3}\sigma^{I}\tilde{H}\sigma^{\mu\nu}u_{1})W_{\mu\nu}^{I}/TeV^{2} + hc \\ (\bar{q}_{3}\sigma^{I}\tilde{H}\sigma^{\mu\nu}u_{2})W_{\mu\nu}^{I}/TeV^{2} + hc \\ i(\bar{q}_{1}\sigma^{I}\tilde{H}\sigma^{\mu\nu}u_{1})W_{\mu\nu}^{I}/TeV^{2} + hc \\ i(\bar{q}_{2}\sigma^{I}\tilde{H}\sigma^{\mu\nu}u_{2})W_{\mu\nu}^{I}/TeV^{2} + hc \end{array}$	R
cuWRe32	$(\bar{q}_3\sigma^I\tilde{H}\sigma^{\mu\nu}u_2)W^I_{}/TeV^2+hc$	R
cuWIm11	$i(\bar{q}_1\sigma^I\tilde{H}\sigma^{\mu\nu}u_1)W_{}^{\mu\nu}/TeV^2+hc$	R
cuWIm22	$i(\bar{q}_2\sigma^I\tilde{H}\sigma^{\mu\nu}u_2)W_{}^{\mu\nu}/TeV^2 + hc$	R
cuWIm33	$i(\bar{q}_3\sigma^I\tilde{H}\sigma^{\mu\nu}u_3)W^I_{\mu\nu}/TeV^2+hc$	R
cuWIm12	$i(\bar{q}_1\sigma^I\tilde{H}\sigma^{\mu\nu}u_2)W^I_{\mu\nu}/TeV^2 + hc$	\mathbf{R}
cuWIm13	$i(\bar{q}_1\sigma^I\tilde{H}\sigma^{\mu\nu}u_3)W^I_{\mu\nu}/TeV^2 + hc$	R
cuWIm21	$i(\bar{q}_2\sigma^I\tilde{H}\sigma^{\mu\nu}u_1)W^I_{\mu\nu}/TeV^2 + hc$	\mathbf{R}
cuWIm23	$i(\bar{q}_2\sigma^I H \sigma^{\mu\nu} u_3) W^I / TeV^2 + hc$	R
cuWIm31	$i(\bar{q}_3\sigma^I\tilde{H}\sigma^{\mu\nu}u_1)W_{\mu\nu}^I/TeV^2+hc$	R
cuWIm32	$i(\bar{q}_3\sigma^I\tilde{H}\sigma^{\mu\nu}u_1)W^I_{\mu\nu}/TeV^2 + hc$ $i(\bar{q}_3\sigma^I\tilde{H}\sigma^{\mu\nu}u_2)W^I_{\mu\nu}/TeV^2 + hc$	\mathbf{R}
cuBRe11	$(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} u_1) B_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
cuBRe22	$(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} u_2) B_{\mu\nu} / TeV^2 + hc$	R
cuBRe33	$(\bar{q}_3\tilde{H}\sigma^{\mu\nu}u_3)B_{\mu\nu}/TeV^2 + hc$	R
cuBRe12	$(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} u_2) B_{\mu\nu} / TeV^2 + hc$	R
cuBRe13	$(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} u_3) B_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
cuBRe21	$(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} u_1) B_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
cuBRe23	$(\bar{q}_2 \tilde{H} \sigma^{\mu\nu} u_3) B_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
cuBRe31	$(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} u_1) B_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
cuBRe32	$(\bar{q}_3 \tilde{H} \sigma^{\mu\nu} u_2) B_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
cuBIm11	$i(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} u_1) B_{\mu\nu} / TeV^2 + hc$	R

WC name	Operator	Type
cuBIm22	$i(\bar{q}_2\tilde{H}\sigma^{\mu\nu}u_2)B_{\mu\nu}/TeV^2 + hc$	${ m R}$
cuBIm33	$i(\bar{q}_3\tilde{H}\sigma^{\mu\nu}u_3)B_{\mu\nu}/TeV^2 + hc$	R
cuBIm12	$i(\bar{q}_1 \tilde{H} \sigma^{\mu\nu} u_2) B_{\mu\nu} / TeV^2 + hc$	R
cuBIm13	$i(\bar{q}_1\tilde{H}\sigma^{\mu\nu}u_3)B_{\mu\nu}/TeV^2 + hc$	R
cuBIm21	$i(\bar{q}_2\tilde{H}\sigma^{\mu\nu}u_1)B_{\mu\nu}/TeV^2 + hc$	\mathbf{R}
cuBIm23	$i(\bar{q}_2\tilde{H}\sigma^{\mu\nu}u_3)B_{\mu\nu}/TeV^2 + hc$	\mathbf{R}
cuBIm31	$i(\bar{q}_3\tilde{H}\sigma^{\mu\nu}u_1)B_{\mu\nu}/TeV^2 + hc$	\mathbf{R}
cuBIm32	$\cdot / = \tilde{I} I I I I I I I I I I I I I I I I I I $	\mathbf{R}
cdGRe11	$n(q_{3}H\sigma^{\mu\nu}u_{2})B_{\mu\nu}/TeV^{2} + hc$ $(\bar{q}_{1}H\sigma^{\mu\nu}T^{A}d_{1})G_{\mu\nu}^{A}/TeV^{2} + hc$ $(\bar{q}_{2}H\sigma^{\mu\nu}T^{A}d_{2})G_{\mu\nu}^{A}/TeV^{2} + hc$ $(\bar{q}_{3}H\sigma^{\mu\nu}T^{A}d_{3})G_{\mu\nu}^{A}/TeV^{2} + hc$ $(\bar{q}_{1}H\sigma^{\mu\nu}T^{A}d_{3})G_{\mu\nu}^{A}/TeV^{2} + hc$ $(\bar{q}_{1}H\sigma^{\mu\nu}T^{A}d_{3})G_{\mu\nu}^{A}/TeV^{2} + hc$ $(\bar{q}_{2}H\sigma^{\mu\nu}T^{A}d_{1})G_{\mu\nu}^{A}/TeV^{2} + hc$ $(\bar{q}_{2}H\sigma^{\mu\nu}T^{A}d_{3})G_{\mu\nu}^{A}/TeV^{2} + hc$ $(\bar{q}_{3}H\sigma^{\mu\nu}T^{A}d_{3})G_{\mu\nu}^{A}/TeV^{2} + hc$ $(\bar{q}_{3}H\sigma^{\mu\nu}T^{A}d_{1})G_{\mu\nu}^{A}/TeV^{2} + hc$ $(\bar{q}_{3}H\sigma^{\mu\nu}T^{A}d_{2})G_{\mu\nu}^{A}/TeV^{2} + hc$	R
cdGRe22	$(\bar{q}_2 H \sigma^{\mu\nu} T^A d_2) G^{A}_{\mu\nu} / TeV^2 + hc$	R
cdGRe33	$(\bar{q}_3 H \sigma^{\mu\nu} T^A d_3) G^{A}_{\mu\nu} / TeV^2 + hc$	R
cdGRe12	$(\bar{q}_1 H \sigma^{\mu\nu} T^A d_2) G^{A}_{\mu\nu} / TeV^2 + hc$	R
cdGRe13	$(\bar{q}_1 H \sigma^{\mu\nu} T^A d_3) G^A_{\mu\nu} / TeV^2 + hc$	R
cdGRe21	$(\bar{q}_2 H \sigma^{\mu\nu} T^A d_1) G^A_{\mu\nu} / TeV^2 + hc$	R
cdGRe23	$(\bar{q}_2 H \sigma^{\mu\nu} T^A d_3) G^A_{\mu\nu} / TeV^2 + hc$	R
cdGRe31	$(\bar{q}_3 H \sigma^{\mu\nu} T^A d_1) G^A_{\mu\nu} / TeV^2 + hc$	R
cdGRe32	$(\bar{q}_3 H \sigma^{\mu\nu} T^A d_2) G^A_{\mu\nu} / TeV^2 + hc$	R
cdGIm11	$i(\bar{q}_1 H \sigma^{\mu\nu} T^A d_1) \dot{G}^A_{\mu\nu} / TeV^2 + hc$	R
cdGIm22	$i(\bar{q}_2 H \sigma^{\mu\nu} T^A d_2) G^A_{\mu\nu} / TeV^2 + hc$	R
cdGIm33	$i(\bar{q}_3 H \sigma^{\mu\nu} T^A d_3) G^A_{\mu\nu} / TeV^2 + hc$	R
cdGIm12	$i(\bar{q}_1 H \sigma^{\mu\nu} T^A d_2) G^A_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
cdGIm13	$i(\bar{q}_1 H \sigma^{\mu\nu} T^A d_3) G^A_{\mu\nu} / TeV^2 + hc$	R
cdGIm21	$i(\bar{q}_2 H \sigma^{\mu\nu} T^A d_1) G^A_{\mu\nu} / TeV^2 + hc$	R
cdGIm23	$i(\bar{q}_2 H \sigma^{\mu\nu} T^A d_3) G^A_{\mu\nu} / TeV^2 + hc$	\mathbf{R}
cdGIm31	$i(\bar{q}_3H\sigma^{\mu\nu}T^Ad_1)G^A_{\mu\nu}/TeV^2+hc$	\mathbf{R}
cdGIm32	$i(\bar{q}_3H\sigma^{\mu\nu}T^Ad_2)G^{\overline{A}}_{\mu\nu}/TeV^2 + hc$ $(\bar{q}_1\sigma^IH\sigma^{\mu\nu}d_1)W^I_{\mu\nu}/TeV^2 + hc$	R
cdWRe11	$(\bar{q}_1\sigma^I H \sigma^{\mu\nu} d_1) W^{I}_{\mu\nu}/TeV^2 + hc$	\mathbf{R}
cdWRe22	$(\bar{q}_{2}\sigma^{1}H\sigma^{\mu\nu}d_{2})W_{\mu\mu}^{1}/TeV^{2}+hc$	R
cdWRe33	$(\bar{q}_2\sigma^1 H \sigma^{\mu\nu} d_2)W^1 / TeV^2 + hc$	R
cdWRe12	$(\bar{q}_1 \sigma^1 H \sigma^{\mu\nu} d_2) W^1 / TeV^2 + hc$	R
cdWRe13	$(a_1\sigma^1 H \sigma^{\mu\nu} d_2)W^1 / TeV^2 + hc$	R
cdWRe21	$\begin{array}{c} (\bar{q}_{1}\sigma^{I}H\sigma^{\mu\nu}d_{1})W^{I}_{\mu\nu}/TeV^{2} + hc \\ (\bar{q}_{2}\sigma^{I}H\sigma^{\mu\nu}d_{3})W^{I}_{\mu\nu}/TeV^{2} + hc \\ (\bar{q}_{3}\sigma^{I}H\sigma^{\mu\nu}d_{1})W^{I}_{\mu\nu}/TeV^{2} + hc \\ (\bar{q}_{3}\sigma^{I}H\sigma^{\mu\nu}d_{1})W^{I}_{\mu\nu}/TeV^{2} + hc \end{array}$	R
cdWRe23	$(\bar{q}_2\sigma^I H\sigma^{\mu\nu}d_3)W^I_{\mu\nu}/TeV^2 + hc$	R
cdWRe31	$(\bar{q}_3\sigma^I H \sigma^{\mu\nu} d_1)W^I_{\mu\nu}/TeV^2 + hc$	R
cdWRe32		R
cdWIm11	$i(\bar{q}_1\sigma^I H \sigma^{\mu\nu} d_1)W^I_{\mu\nu}/TeV^2 + hc$	R
cdWIm22	$i(\bar{q}_2\sigma^I H \sigma^{\mu\nu} d_2)W^I_{\mu\nu}/TeV^2 + hc$	R
cdWIm33	$i(\bar{q}_3\sigma^I H \sigma^{\mu\nu} d_3)W^I_{\mu\nu}/TeV^2 + hc$	R
cdWIm12	$i(\bar{q}_1\sigma^I H \sigma^{\mu\nu} d_2)W^I_{\mu\nu}/TeV^2 + hc$	R
cdWIm13	$i(\bar{q}_1\sigma^I H\sigma^{\mu\nu}d_3)W^I_{\mu\nu}/TeV^2 + hc$	${ m R}$
cdWIm21	$i(\bar{q}_2\sigma^I H\sigma^{\mu\nu}d_1)W^I_{\mu\nu}/TeV^2 + hc$	${ m R}$
cdWIm23	$\begin{split} &(q_{3}\sigma^{I}H\sigma^{\mu\nu}d_{2})W_{\mu\nu}^{I}/TeV^{2}+hc\\ &i(\bar{q}_{1}\sigma^{I}H\sigma^{\mu\nu}d_{1})W_{\mu\nu}^{I}/TeV^{2}+hc\\ &i(\bar{q}_{2}\sigma^{I}H\sigma^{\mu\nu}d_{2})W_{\mu\nu}^{I}/TeV^{2}+hc\\ &i(\bar{q}_{3}\sigma^{I}H\sigma^{\mu\nu}d_{3})W_{\mu\nu}^{I}/TeV^{2}+hc\\ &i(\bar{q}_{1}\sigma^{I}H\sigma^{\mu\nu}d_{2})W_{\mu\nu}^{I}/TeV^{2}+hc\\ &i(\bar{q}_{1}\sigma^{I}H\sigma^{\mu\nu}d_{3})W_{\mu\nu}^{I}/TeV^{2}+hc\\ &i(\bar{q}_{2}\sigma^{I}H\sigma^{\mu\nu}d_{1})W_{\mu\nu}^{I}/TeV^{2}+hc\\ &i(\bar{q}_{2}\sigma^{I}H\sigma^{\mu\nu}d_{3})W_{\mu\nu}^{I}/TeV^{2}+hc\\ &i(\bar{q}_{3}\sigma^{I}H\sigma^{\mu\nu}d_{3})W_{\mu\nu}^{I}/TeV^{2}+hc\\ &i(\bar{q}_{3}\sigma^{I}H\sigma^{\mu\nu}d_{1})W_{\mu\nu}^{I}/TeV^{2}+hc\\ \end{split}$	${ m R}$
cdWIm31	$i(\bar{q}_3\sigma^1 H \sigma^{\mu\nu} d_1)W^1_{\mu\nu}/TeV^2 + hc$	R

WC name	Operator	Type
cdWIm32	$i(\bar{q}_3\sigma^I H \sigma^{\mu\nu} d_2) W^I_{\mu\nu} / TeV^2 + hc$	R
cdBRe11	$(\bar{q}_1 H \sigma^{\mu\nu} d_1) B_{\mu\nu} / TeV^2 + hc$	R
cdBRe22	$(\bar{q}_2 H \sigma^{\mu\nu} d_2) B_{\mu\nu} / TeV^2 + hc$	R
cdBRe33	$(\bar{q}_3 H \sigma^{\mu\nu} d_3) B_{\mu\nu} / TeV^2 + hc$	R
cdBRe12	$(\bar{q}_1 H \sigma^{\mu\nu} d_2) B_{\mu\nu} / TeV^2 + hc$	R
cdBRe13	$(\bar{q}_1 H \sigma^{\mu\nu} d_3) B_{\mu\nu} / TeV^2 + hc$	R
cdBRe21	$(\bar{q}_2 H \sigma^{\mu\nu} d_1) B_{\mu\nu} / TeV^2 + hc$	R
cdBRe23	$(\bar{q}_2 H \sigma^{\mu\nu} d_3) B_{\mu\nu} / TeV^2 + hc$	R
cdBRe31 cdBRe32	$(\bar{q}_3 H \sigma^{\mu\nu} d_1) B_{\mu\nu} / TeV^2 + hc$	R R
cdBIm11	$(\bar{q}_3 H \sigma^{\mu\nu} d_2) B_{\mu\nu} / TeV^2 + hc$ $i(\bar{q}_1 H \sigma^{\mu\nu} d_1) B_{\mu\nu} / TeV^2 + hc$	R
cdBIm11 cdBIm22	$i(q_1H\sigma^{\mu\nu})B_{\mu\nu}/TeV + hc$ $i(\bar{q}_2H\sigma^{\mu\nu}d_2)B_{\mu\nu}/TeV^2 + hc$	R
cdBIm33	$i(\bar{q}_3H\sigma^{\mu\nu}/4s)B_{\mu\nu}/TeV^2 + hc$	R
cdBIm12	$i(\bar{q}_1 H \sigma^{\mu\nu} d_2) B_{\mu\nu} / TeV^2 + hc$	R
cdBIm13	$i(\bar{q}_1 H \sigma^{\mu\nu} d_3) B_{\mu\nu} / TeV^2 + hc$	R
cdBIm21	$i(\bar{q}_2H\sigma^{\mu\nu}d_1)B_{\mu\nu}/TeV^2 + hc$	R
cdBIm23	$i(\bar{q}_2H\sigma^{\mu\nu}d_3)B_{\mu\nu}/TeV^2 + hc$	\mathbf{R}
cdBIm31	$i(\bar{q}_3 H \sigma^{\mu\nu} d_1) B_{\mu\nu} / TeV^2 + hc$	R
cdBIm32	$i(\bar{q}_3 H \sigma^{\mu\nu} d_2) B_{\mu\nu} / TeV^2 + hc$	R
cHl1Re11	$(H^\dagger i \overrightarrow{D}_\mu H) (\bar{\ell}_1 \gamma^\mu \ell_1) / TeV^2$	R
cHl1Re22	$(H^\dagger i \overline{D}_\mu H) (\bar{\ell}_2 \gamma^\mu \ell_2) / TeV^2$	R
cHl1Re33	$(H^{\dagger}i\overline{D}_{\mu}H)(\bar{\ell}_{3}\gamma^{\mu}\ell_{3})/TeV^{2}$	\mathbf{R}
cHl1Re12	$(H^{\dagger}i\overrightarrow{D}_{\mu}H)(\bar{\ell}_{1}\gamma^{\mu}\ell_{2})/TeV^{2}+hc$	R
cHl1Re13	$(H^{\dagger}i\overrightarrow{D}_{\mu}H)(\bar{\ell}_{1}\gamma^{\mu}\ell_{3})/TeV^{2}+hc$	\mathbf{R}
cHl1Re23	$(H^{\dagger}i\overline{D}_{\mu}H)(\bar{\ell}_{2}\gamma^{\mu}\ell_{3})/TeV^{2}+hc$	R
cHl1Im12	$i(H^{\dagger}i\overrightarrow{D}_{\mu}H)(\overline{\ell}_{1}\gamma^{\mu}\ell_{2})/TeV^{2}+hc$	\mathbf{R}
cHl1Im13	$i(H^{\dagger}i\overrightarrow{D}_{\mu}H)(\overline{\ell}_{1}\gamma^{\mu}\ell_{3})/TeV^{2}+hc$	\mathbf{R}
cHl1Im23	$i(H^{\dagger}i\stackrel{\frown}{D}_{\mu}H)(\bar{\ell}_2\gamma^{\mu}\ell_3)/TeV^2 + hc$	\mathbf{R}
cHl3Re11	$(H^{\dagger}i \overline{D}_{\mu}^{I} H) (ar{\ell}_{1} \gamma^{\mu} \sigma^{I} \ell_{1}) / TeV^{2}$	\mathbf{R}
cH13Re22	$(H^{\dagger}i \overleftrightarrow{D}_{\mu}^{I} H)(\bar{\ell}_{2} \gamma^{\mu} \sigma^{I} \ell_{2})/TeV^{2}$	R
cH13Re33	$(H^{\dagger}i\overrightarrow{D}_{\mu}^{I}H)(\overline{\ell}_{3}\gamma^{\mu}\sigma^{I}\ell_{3})/TeV^{2}$	\mathbf{R}
cHl3Re12	$(H^{\dagger}i \overline{D}_{\mu}^{I} H)(\bar{\ell}_{1} \gamma^{\mu} \sigma^{I} \ell_{2})/TeV^{2} + hc$	\mathbf{R}
cHl3Re13	$(H^{\dagger}i\overrightarrow{D}_{\mu}^{I}H)(\bar{\ell}_{1}\gamma^{\mu}\sigma^{I}\ell_{3})/TeV^{2}+hc$	\mathbf{R}
cH13Re23	$(H^{\dagger}i D^{I}_{\underline{\mu}} H)(\bar{\ell}_{2} \gamma^{\mu} \sigma^{I} \ell_{3})/TeV^{2} + hc$	\mathbf{R}
cHl3Im12	$i(H^{\dagger}i\underline{D}_{\mu}^{I}H)(\bar{\ell}_{1}\gamma^{\mu}\sigma^{I}\ell_{2})/TeV^{2}+hc$	\mathbf{R}
cHl3Im13	$(H^{\dagger}i \overset{D}{D}_{\mu}^{I}H)(\bar{\ell}_{1}\gamma^{\mu}\sigma^{I}\ell_{3})/TeV^{2} + hc$ $(H^{\dagger}i \overset{D}{D}_{\mu}^{I}H)(\bar{\ell}_{2}\gamma^{\mu}\sigma^{I}\ell_{3})/TeV^{2} + hc$ $i(H^{\dagger}i \overset{D}{D}_{\mu}^{I}H)(\bar{\ell}_{1}\gamma^{\mu}\sigma^{I}\ell_{2})/TeV^{2} + hc$ $i(H^{\dagger}i \overset{D}{D}_{\mu}^{I}H)(\bar{\ell}_{1}\gamma^{\mu}\sigma^{I}\ell_{3})/TeV^{2} + hc$	\mathbf{R}
cHl3Im23	$i(H \stackrel{i}{t} \stackrel{D}{D}_{\mu}^{\mu} H)(\bar{e}_{1} \stackrel{\gamma}{\tau} \sigma^{I} \ell_{3})/TeV \stackrel{+}{\tau} hc$ $i(H \stackrel{\dagger}{t} \stackrel{D}{D}_{\mu}^{\mu} H)(\bar{\ell}_{2} \gamma^{\mu} \sigma^{I} \ell_{3})/TeV^{2} + hc$ $(H \stackrel{\dagger}{t} \stackrel{D}{D}_{\mu} H)(\bar{q}_{1} \gamma^{\mu} q_{1})/TeV^{2}$ $(H \stackrel{\dagger}{t} \stackrel{D}{D}_{\mu} H)(\bar{q}_{3} \gamma^{\mu} q_{3})/TeV^{2}$ $(H \stackrel{\dagger}{t} \stackrel{D}{D}_{\mu} H)(\bar{q}_{3} \gamma^{\mu} q_{3})/TeV^{2}$	\mathbf{R}
cHq1Re11	$(H^\dagger i \overrightarrow{D}_\mu H) (\overline{q}_1 \gamma^\mu q_1) / TeV^2$	\mathbf{R}
cHq1Re22	$(H^\dagger i \overleftrightarrow{D}_{\mu} H) (\bar{q}_2 \gamma^\mu q_2) / TeV^2$	R
cHq1Re33	$(H^{\dagger}i\overleftrightarrow{D}_{}H)(\bar{q}_{3}\gamma^{\mu}q_{3})/TeV^{2}$	R

WC name	Operator	Type
cHq1Re12	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{q}_{1}\gamma^{\mu}q_{2})/TeV^{2}+hc$	R
:Hq1Re13	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{q}_{1}\gamma^{\mu}q_{3})/TeV^{2}+hc$	R
Hq1Re23	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{q}_{2}\gamma^{\mu}q_{3})/TeV^{2}+hc$	\mathbf{R}
Hq1Im12	$i(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{q}_1\gamma^{\mu}q_2)/TeV^2 + hc$	\mathbf{R}
Hq1Im13	$i(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{q}_1\gamma^{\mu}q_3)/TeV^2+hc$	\mathbf{R}
Hq1Im23	$i(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{q}_{2}\gamma^{\mu}q_{3})/TeV^{2}+hc$	\mathbf{R}
Hq3Re11	$(H^\dagger i \overleftrightarrow{D}_\mu^I H) (\bar{q}_1 \gamma^\mu \sigma^I q_1) / TeV^2$	\mathbf{R}
Hq3Re22	$(H^\dagger i \overleftrightarrow{D}_{\mu}^I H) (\bar{q}_2 \gamma^\mu \sigma^I q_2) / TeV^2$	\mathbf{R}
Iq3Re33	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}^{I}H)(\bar{q}_{3}\gamma^{\mu}\sigma^{I}q_{3})/TeV^{2}$	\mathbf{R}
Hq3Re12	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}^{I}H)(\bar{q}_{1}\gamma^{\mu}\sigma^{I}q_{2})/TeV^{2}+hc$	\mathbf{R}
Hq3Re13	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}^{I}H)(\bar{q}_{1}\gamma^{\mu}\sigma^{I}q_{3})/TeV^{2}+hc$	R
Iq3Re23	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}^{I}H)(\bar{q}_{2}\gamma^{\mu}\sigma^{I}q_{3})/TeV^{2}+hc$	R
Hq3Im12	$i(H^{\dagger}i\overleftrightarrow{D}_{\mu}^{I}H)(\bar{q}_{1}\gamma^{\mu}\sigma^{I}q_{2})/TeV^{2}+hc$	R
Iq3Im13	$i(H^{\dagger}i\overleftrightarrow{D}_{\mu}^{I}H)(\bar{q}_{1}\gamma^{\mu}\sigma^{I}q_{3})/TeV^{2}+hc$	R
Iq3Im23	$i(H^{\dagger}i\overleftrightarrow{D}_{\mu}^{I}H)(\bar{q}_{2}\gamma^{\mu}\sigma^{I}q_{3})/TeV^{2}+hc$	R
eRe11	$(H^\dagger i \overleftrightarrow{D}_\mu H) (\bar{e}_1 \gamma^\mu e_1) / TeV^2$	R
leRe22	$(H^\dagger i \overleftrightarrow{D}_\mu H) (\bar{e}_2 \gamma^\mu e_2) / TeV^2$	R
eRe33	$(H^\dagger i \overleftrightarrow{D}_\mu H) (\bar{e}_3 \gamma^\mu e_3) / TeV^2$	R
eRe12	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{e}_{1}\gamma^{\mu}e_{2})/TeV^{2}+hc$	\mathbf{R}
eRe13	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{e}_{1}\gamma^{\mu}e_{3})/TeV^{2}+hc$	R
eRe23	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{e}_{2}\gamma^{\mu}e_{3})/TeV^{2}+hc$	\mathbf{R}
leIm12	$i(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{e}_1\gamma^{\mu}e_2)/TeV^2+hc$	\mathbf{R}
eIm13	$i(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{e}_1\gamma^{\mu}e_3)/TeV^2+hc$	\mathbf{R}
eIm23	$i(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{e}_{2}\gamma^{\mu}e_{3})/TeV^{2}+hc$	\mathbf{R}
uRe11	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{u}_{1}\gamma^{\mu}u_{1})/TeV^{2}$	\mathbf{R}
uRe22	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{u}_{2}\gamma^{\mu}u_{2})/TeV^{2}$	\mathbf{R}
uRe33	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{u}_{3}\gamma^{\mu}u_{3})/TeV^{2}$	R
IuRe12	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{u}_1\gamma^{\mu}u_2)/TeV^2 + hc$	\mathbf{R}
uRe13	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	R
uRe23	$(H^{\dagger}i \overset{\longrightarrow}{D}_{+}^{\mu}H)(\bar{u}_{2}\gamma^{\mu}u_{3})/TeV^{2} + hc$	R
uIm12	$i(H^{\dagger}iD_{\mu}H)(\bar{u}_1\gamma^{\mu}u_2)/TeV^2+hc$	R
uIm13	$i(H^{\dagger}i\overrightarrow{D}_{\mu}H)(\bar{u}_{1}\gamma^{\mu}u_{3})/TeV^{2}+hc$	R
HuIm23	$i(H^{\dagger}i\overrightarrow{D}_{\mu}H)(\bar{u}_{2}\gamma^{\mu}u_{3})/TeV^{2}+hc$	R
dRe11	$(H^\dagger i \overleftrightarrow{D}_\mu H) (\bar{d}_1 \gamma^\mu d_1) / TeV^2$	R
dRe22	$(H^\dagger i \overleftrightarrow{D}_\mu H) (\bar{d}_2 \gamma^\mu d_2) / TeV^2 \ (H^\dagger i \overleftrightarrow{D}_\mu H) (\bar{d}_3 \gamma^\mu d_3) / TeV^2$	\mathbf{R}
dRe33	$(H^\dagger i \overline{\sum}_\mu H) (\bar{d}_3 \gamma^\mu d_3) / TeV^2$	R
dRe12	$(H^\dagger i \overleftrightarrow{D}_\mu H) (\bar{d}_1 \gamma^\mu d_2) / TeV^2 + hc$	R

WC name	Operator	Type
cHdRe13	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{d}_{1}\gamma^{\mu}d_{3})/TeV^{2}+hc$	R
cHdRe23	$(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{d}_{2}\gamma^{\mu}d_{3})/TeV^{2}+hc$	R
cHdIm12	$i(H^{\dagger}i\overrightarrow{D}_{\mu}H)(\bar{d}_{1}\gamma^{\mu}d_{2})/TeV^{2}+hc$	\mathbf{R}
cHdIm13	$i(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{d}_{1}\gamma^{\mu}d_{3})/TeV^{2}+hc$	R
cHdIm23	$i(H^{\dagger}i\overleftrightarrow{D}_{\mu}H)(\bar{d}_{2}\gamma^{\mu}d_{3})/TeV^{2}+hc$	R
cHudRe11	$(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{1}\gamma^{\mu}d_{1})/TeV^{2}+hc$	${ m R}$
cHudRe22	$(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{2}\gamma^{\mu}d_{2})/TeV^{2}+hc$	\mathbf{R}
cHudRe33	$(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{3}\gamma^{\mu}d_{3})/TeV^{2}+hc$	R
cHudRe12	$(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{1}\gamma^{\mu}d_{2})/TeV^{2}+hc$	R
cHudRe13	$(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_1\gamma^{\mu}d_3)/TeV^2 + hc$	R
cHudRe21	$(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{2}\gamma^{\mu}d_{1})/TeV^{2}+hc$	R
cHudRe23	$(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{2}\gamma^{\mu}d_{3})/TeV^{2}+hc$	R
cHudRe31	$(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{3}\gamma^{\mu}d_{1})/TeV^{2}+hc$	R
cHudRe32	$(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{3}\gamma^{\mu}d_{2})/TeV^{2}+hc$	R
cHudIm11	$i(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{1}\gamma^{\mu}d_{1})/TeV^{2}+hc$	R
cHudIm22	$i(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{2}\gamma^{\mu}d_{2})/TeV^{2}+hc$	\mathbf{R}
cHudIm33	$i(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{3}\gamma^{\mu}d_{3})/TeV^{2}+hc$	\mathbf{R}
cHudIm12	$i(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{1}\gamma^{\mu}d_{2})/TeV^{2}+hc$	\mathbf{R}
cHudIm13	$i(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{1}\gamma^{\mu}d_{3})/TeV^{2}+hc$	R
cHudIm21	$i(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{2}\gamma^{\mu}d_{1})/TeV^{2}+hc$	R
cHudIm23	$i(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{2}\gamma^{\mu}d_{3})/TeV^{2}+hc$	R
cHudIm31	$i(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{3}\gamma^{\mu}d_{1})/TeV^{2}+hc$	R
cHudIm32	$i(\tilde{H}^{\dagger}iD_{\mu}H)(\bar{u}_{3}\gamma^{\mu}d_{2})/TeV^{2}+hc$	R
cllRe1111	$(ar{\ell}_1\gamma_\mu\ell_1)(ar{\ell}_1\gamma^\mu\ell_1)/TeV^2$	R
cllRe2222	$(ar{\ell}_2\gamma_\mu\ell_2)(ar{\ell}_2\gamma^\mu\ell_2)/TeV^2$	R
cllRe3333	$(ar{\ell}_3\gamma_\mu\ell_3)(ar{\ell}_3\gamma^\mu\ell_3)/TeV^2$	R
cllRe1122	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{\ell}_2\gamma^\mu\ell_2)/TeV^2$	R
cllRe1133	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{\ell}_3\gamma^\mu\ell_3)/TeV^2$	R
cl1Re2233	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{\ell}_3\gamma^\mu\ell_3)/TeV^2$	R
cllRe1221	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\ell}_2\gamma^\mu\ell_1)/TeV^2$	R
cllRe1331	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\ell}_3\gamma^\mu\ell_1)/TeV^2$	R
cllRe2332	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\ell}_3\gamma^\mu\ell_2)/TeV^2$	R
cllRe1112	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{\ell}_1\gamma^\mu\ell_2)/TeV^2 + hc$	R
cllRe1113	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{\ell}_1\gamma^\mu\ell_3)/TeV^2 + hc$	R
cllRe1123	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{\ell}_2 \gamma^\mu \ell_3)/TeV^2 + hc$	R
cllRe1212	$ \frac{(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_1 \gamma^\mu \ell_2)/TeV^2 + hc}{(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{\ell}_1 \gamma^\mu \ell_3)/TeV^2 + hc} $	R
cllRe1213	$(\ell_1\gamma_\mu\ell_2)(\ell_1\gamma^\mu\ell_3)/1eV^2+hc \ (\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\ell}_2\gamma^\mu\ell_2)/TeV^2+hc$	R R
cllRe1222	$(\ell_1\gamma_\mu\ell_2)(\ell_2\gamma^\mu\ell_2)/1eV^2+hc \ (ar\ell_1\gamma_\mu\ell_2)(ar\ell_3\gamma^\mu\ell_2)/TeV^2+hc$	R R
cllRe1232 cllRe1233	$\frac{(\ell_1\gamma_\mu\ell_2)(\ell_3\gamma^\mu\ell_2)/1eV^2 + hc}{(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\ell}_3\gamma^\mu\ell_3)/TeV^2 + hc}$	R R
cllRe1313	$rac{(\ell_1\gamma_\mu\ell_2)(\ell_3\gamma^\epsilon\ell_3)/1eV^2+nc}{(ar\ell_1\gamma_\mu\ell_3)(ar\ell_1\gamma^\mu\ell_3)/TeV^2+hc}$	R R
cllRe1322	$\frac{(\ell_1 \gamma_\mu \ell_3)(\ell_1 \gamma^\mu \ell_3)/1 eV + hc}{(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_2 \gamma^\mu \ell_2)/T eV^2 + hc}$	R R
CITINGIOZZ	$(\epsilon_1 \gamma_{\mu} \epsilon_3)(\epsilon_2 \gamma \epsilon_2)/1 ev + nc$	11

WC name	Operator	Type
cllRe1323	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{\ell}_2 \gamma^\mu \ell_3)/TeV^2 + hc$	R
cllRe1333	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\ell}_3\gamma^\mu\ell_3)/TeV^2 + hc$	R
cl1Re2223	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{\ell}_2\gamma^\mu\ell_3)/TeV^2 + hc$	R
cl1Re2323	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\ell}_2\gamma^\mu\ell_3)/TeV^2 + hc$	R
cl1Re3323	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{\ell}_2\gamma^\mu\ell_3)/TeV^2 + hc$	R
cllRe1231	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\ell}_3\gamma^\mu\ell_1)/TeV^2 + hc$	R
cl1Re1223	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\ell}_2\gamma^\mu\ell_3)/TeV^2 + hc$	R
cllRe1332	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\ell}_3\gamma^\mu\ell_2)/TeV^2 + hc$	R
cllIm1112	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{\ell}_1\gamma^\mu\ell_2)/TeV^2 + hc$	R
cllIm1113	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{\ell}_1\gamma^\mu\ell_3)/TeV^2 + hc$	R
cllIm1123	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{\ell}_2\gamma^\mu\ell_3)/TeV^2 + hc$	R
cl1Im1212	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\ell}_1\gamma^\mu\ell_2)/TeV^2 + hc$	R
cl1Im1213	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\ell}_1\gamma^\mu\ell_3)/TeV^2 + hc$	R
cllIm1222	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\ell}_2\gamma^\mu\ell_2)/TeV^2 + hc$	R
cllIm1232	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\ell}_3\gamma^\mu\ell_2)/TeV^2 + hc$	R
cl1Im1233	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\ell}_3\gamma^\mu\ell_3)/TeV^2 + hc$	${ m R}$
cllIm1313	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\ell}_1\gamma^\mu\ell_3)/TeV^2 + hc$	${ m R}$
cllIm1322	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\ell}_2\gamma^\mu\ell_2)/TeV^2 + hc$	R
cllIm1323	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\ell}_2\gamma^\mu\ell_3)/TeV^2 + hc$	R
cl1Im1333	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\ell}_3\gamma^\mu\ell_3)/TeV^2 + hc$	R
cl1Im2223	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{\ell}_2\gamma^\mu\ell_3)/TeV^2 + hc$	R
cl1Im2323	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\ell}_2\gamma^\mu\ell_3)/TeV^2 + hc$	R
c11Im3323	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{\ell}_2\gamma^\mu\ell_3)/TeV^2 + hc$	${ m R}$
cl1Im1231	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\ell}_3\gamma^\mu\ell_1)/TeV^2 + hc$	${ m R}$
cllIm1223	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\ell}_2\gamma^\mu\ell_3)/TeV^2 + hc$	R
cllIm1332	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\ell}_3\gamma^\mu\ell_2)/TeV^2 + hc$	R
clq1Re1111	$(ar{\ell}_1\gamma_\mu\ell_1)(ar{q}_1\gamma^\mu q_1)/TeV^2$	R
clq1Re1122	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{q}_2\gamma^\mu q_2)/TeV^2$	R
clq1Re1133	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{q}_3\gamma^\mu q_3)/TeV^2$	${ m R}$
clq1Re2222	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_2)/TeV^2$	${ m R}$
clq1Re2233	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{q}_3\gamma^\mu q_3)/TeV^2$	${ m R}$
clq1Re3333	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_3)/TeV^2$	R
clq1Re1221	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_1)/TeV^2 + hc$	R
clq1Re1331	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_1)/TeV^2 + hc$	R
clq1Re2332	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_2)/TeV^2 + hc$	R
clq1Re2211	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_1)/TeV^2$	R
clq1Re3311	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_1)/TeV^2$	R
clq1Re3322	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_2)/TeV^2$	\mathbf{R}
clq1Re1112	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	\mathbf{R}
clq1Re1113	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	\mathbf{R}
clq1Re1123	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{q}_2 \gamma^\mu q_3)/TeV^2 + hc$	\mathbf{R}
clq1Re1212	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	R
•	V 16 -1/2-1/4-1/	
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	WC name	Operator	Type
$\begin{array}{llll} \operatorname{clq1Re1222} & & & & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc & & & \\ \operatorname{clq1Re1232} & & & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc & & \\ \operatorname{clq1Re1333} & & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & & \\ \operatorname{clq1Re1313} & & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc & & \\ \operatorname{clq1Re1322} & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc & & \\ \operatorname{clq1Re1323} & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc & & \\ \operatorname{clq1Re1323} & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc & & \\ \operatorname{clq1Re2223} & & & & \\ (\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc & & \\ \operatorname{clq1Re3223} & & & & \\ (\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc & & \\ \operatorname{clq1Re1231} & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc & & \\ \operatorname{clq1Re1232} & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc & & \\ \operatorname{clq1Re1233} & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc & & \\ \operatorname{clq1Re1233} & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc & & \\ \operatorname{clq1Re1231} & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_1)/TeV^2 + hc & & \\ \operatorname{clq1Re1311} & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_1)/TeV^2 + hc & \\ \operatorname{clq1Re1312} & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_1)/TeV^2 + hc & \\ \operatorname{clq1Re1312} & & & & \\ (\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc & \\ \operatorname{clq1Re2212} & & & & \\ (\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & \\ \operatorname{clq1Re2212} & & & & \\ (\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & \\ \operatorname{clq1Re2213} & & & & \\ (\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & \\ \operatorname{clq1Re2313} & & & & \\ (\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & \\ \operatorname{clq1Re2312} & & & & \\ (\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & \\ \operatorname{clq1Re2322} & & & \\ (\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & \\ \operatorname{clq1Re2322} & & & \\ (\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & \\ \operatorname{clq1Re2332} & & & \\ (\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & \\ \operatorname{clq1Re2333} & & & \\ (\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc & \\ \operatorname{clq1Re2332} & & & \\ (\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc & \\ \operatorname{clq1Re3313} & & & \\ (\bar{\ell}_3\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc & \\ \operatorname{clq1Im1333} & & & \\ (\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc & \\ clq$	clq1Re1213	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1222	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1232		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1233	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1313	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1322	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{q}_2 \gamma^\mu q_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1323	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1333		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re2223	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re2323	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re3323		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1231	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_3\gamma^\mu q_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1223	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1332		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1211	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1311	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1312	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re1321	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re2212	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re2213	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re2311	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re2312		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re2313	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re2321		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re2322	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re2331	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re2333	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re3312	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Re3313	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Im1221	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Im1331	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Im2332	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq1Im1112	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	R
$\begin{array}{llll} {\rm clq1Im1123} & & & & & & & & & & & & & & & & & & \\ & {\rm clq1Im1212} & & & & & & & & & & & & & & & & & & &$	clq1Im1113	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{lll} {\rm clq1Im1212} & i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc & {\rm R} \\ {\rm clq1Im1213} & i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & {\rm R} \\ {\rm clq1Im1222} & i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc & {\rm R} \\ {\rm clq1Im1232} & i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_3\gamma^\mu q_2)/TeV^2 + hc & {\rm R} \\ {\rm clq1Im1233} & i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc & {\rm R} \\ {\rm clq1Im1313} & i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & {\rm R} \\ \end{array}$	clq1Im1123	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
$\begin{array}{lll} {\rm clq1Im1222} & i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc & {\rm R} \\ {\rm clq1Im1232} & i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_3\gamma^\mu q_2)/TeV^2 + hc & {\rm R} \\ {\rm clq1Im1233} & i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc & {\rm R} \\ {\rm clq1Im1313} & i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & {\rm R} \\ \end{array}$	clq1Im1212	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	R
$\begin{array}{lll} {\rm clq1Im1232} & i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_3\gamma^\mu q_2)/TeV^2 + hc & {\rm R} \\ {\rm clq1Im1233} & i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc & {\rm R} \\ {\rm clq1Im1313} & i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc & {\rm R} \\ \end{array}$	clq1Im1213	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
clq1Im1233 $i(\bar{\ell}_1\gamma_{\mu}\ell_2)(\bar{q}_3\gamma^{\mu}q_3)/TeV^2 + hc$ R clq1Im1313 $i(\bar{\ell}_1\gamma_{\mu}\ell_3)(\bar{q}_1\gamma^{\mu}q_3)/TeV^2 + hc$ R	clq1Im1222	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc$	R
clq1Im1313 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$ R	clq1Im1232		R
clq1Im1313 $i(\bar{\ell}_1\gamma_{\mu}\ell_3)(\bar{q}_1\gamma^{\mu}q_3)/TeV^2 + hc$ R clq1Im1322 $i(\bar{\ell}_1\gamma_{\mu}\ell_3)(\bar{q}_2\gamma^{\mu}q_2)/TeV^2 + hc$ R	clq1Im1233		R
clq1Im1322 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc$ R	clq1Im1313	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
	clq1Im1322	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc$	R

WC name	Operator	Type
clq1Im1323	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
clq1Im1333	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc$	\mathbf{R}
clq1Im2223	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	\mathbf{R}
clq1Im2323	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	\mathbf{R}
clq1Im3323	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	\mathbf{R}
clq1Im1231	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_3\gamma^\mu q_1)/TeV^2 + hc$	\mathbf{R}
clq1Im1223	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	\mathbf{R}
clq1Im1332	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_2)/TeV^2 + hc$	\mathbf{R}
clq1Im1211	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_1)/TeV^2 + hc$	\mathbf{R}
clq1Im1311	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_1)/TeV^2 + hc$	\mathbf{R}
clq1Im1312	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	\mathbf{R}
clq1Im1321	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_1)/TeV^2 + hc$	\mathbf{R}
clq1Im2212	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	\mathbf{R}
clq1Im2213	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
clq1Im2311	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_1)/TeV^2 + hc$	R
clq1Im2312	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	\mathbf{R}
clq1Im2313	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	\mathbf{R}
clq1Im2321	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_1)/TeV^2 + hc$	R
clq1Im2322	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc$	R
clq1Im2331	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_1)/TeV^2 + hc$	R
clq1Im2333	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc$	\mathbf{R}
clq1Im3312	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	\mathbf{R}
clq1Im3313	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	\mathbf{R}
clq3Re1111	$(ar{\ell}_1\gamma_\mu\sigma^I\ell_1)(ar{q}_1\gamma^\mu\sigma^Iq_1)/TeV^2$	\mathbf{R}
clq3Re1122	$(ar{\ell}_1\gamma_\mu\sigma^I\ell_1)(ar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2$	R
clq3Re1133	$(\bar{\ell}_1\gamma_\mu\sigma^I\ell_1)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2$	\mathbf{R}
clq3Re2222	$(ar{\ell}_2\gamma_\mu\sigma^I\ell_2)(ar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2$	\mathbf{R}
clq3Re2233	$(ar{\ell}_2\gamma_\mu\sigma^I\ell_2)(ar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2$	\mathbf{R}
clq3Re3333	$(\bar{\ell}_3\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2$	\mathbf{R}
clq3Re1221	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_2)(\bar{q}_2 \gamma^\mu \sigma^I q_1)/TeV^2 + hc$	\mathbf{R}
clq3Re1331	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_3)(\bar{q}_3 \gamma^\mu \sigma^I q_1)/TeV^2 + hc$	\mathbf{R}
clq3Re2332	$(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_2)/TeV^2+hc$	R
clq3Re2211	$(ar{\ell}_2\gamma_\mu\sigma^I\ell_2)(ar{q}_1\gamma^\mu\sigma^Iq_1)/TeV^2$	\mathbf{R}
clq3Re3311	$(ar{\ell}_3\gamma_\mu\sigma^I\ell_3)(ar{q}_1\gamma^\mu\sigma^Iq_1)/TeV^2$	\mathbf{R}
clq3Re3322	$(ar{\ell}_3\gamma_\mu\sigma^I\ell_3)(ar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2$	R
clq3Re1112	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_1)(\bar{q}_1 \gamma^\mu \sigma^I q_2)/TeV^2 + hc$	\mathbf{R}
clq3Re1113	$(\bar{\ell}_1\gamma_\mu\sigma^I\ell_1)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	R
clq3Re1123	$(\bar{\ell}_1\gamma_\mu\sigma^I\ell_1)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	\mathbf{R}
clq3Re1212	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_2)(\bar{q}_1 \gamma^\mu \sigma^I q_2)/TeV^2 + hc$	\mathbf{R}
clq3Re1213	$(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	\mathbf{R}
clq3Re1222	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_2)(\bar{q}_2 \gamma^\mu \sigma^I q_2)/TeV^2 + hc$	\mathbf{R}
clq3Re1232	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_2)(\bar{q}_3 \gamma^\mu \sigma^I q_2)/TeV^2 + hc$	\mathbf{R}

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	WC name	Operator	Type
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Re1233		m R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	clq3Re1313	$(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	
$\begin{array}{llllllllllllllllllllllllllllllllllll$		$(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{llllllllllllllllllllllllllllllllllll$		$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_3)(\bar{q}_2 \gamma^\mu \sigma^I q_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_3)(\bar{q}_3 \gamma^\mu \sigma^I q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$(\bar{\ell}_2\gamma_\mu\sigma^I\ell_2)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Re1223		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Re1332	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_3)(\bar{q}_3 \gamma^\mu \sigma^I q_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Re1211	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_2)(\bar{q}_1 \gamma^\mu \sigma^I q_1)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Re1311	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_3)(\bar{q}_1 \gamma^\mu \sigma^I q_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Re1312	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_3)(\bar{q}_1 \gamma^\mu \sigma^I q_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Re1321	$(\bar{\ell}_1 \gamma_\mu \sigma^I \ell_3)(\bar{q}_2 \gamma^\mu \sigma^I q_1)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$(\bar{\ell}_2\gamma_\mu\sigma^I\ell_2)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/TeV^2+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$(\bar{\ell}_2\gamma_\mu\sigma^I\ell_2)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Re2311	$(\bar{\ell}_2 \gamma_\mu \sigma^I \ell_3)(\bar{q}_1 \gamma^\mu \sigma^I q_1)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$(\bar{\ell}_2 \gamma_\mu \sigma^I \ell_3)(\bar{q}_1 \gamma^\mu \sigma^I q_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$(\bar{\ell}_2 \gamma_\mu \sigma^I \ell_3)(\bar{q}_1 \gamma^\mu \sigma^I q_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Re2321	$(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_1)/TeV^2+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$(\bar{\ell}_2 \gamma_\mu \sigma^I \ell_3)(\bar{q}_2 \gamma^\mu \sigma^I q_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_1)/TeV^2+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Re2333	$(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Re3312	$(\bar{\ell}_3 \gamma_\mu \sigma^I \ell_3)(\bar{q}_1 \gamma^\mu \sigma^I q_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Re3313	$(\bar{\ell}_3 \gamma_\mu \sigma^I \ell_3)(\bar{q}_1 \gamma^\mu \sigma^I q_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Im1221	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_2\gamma^\mu\sigma^Iq_1)/TeV^2+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Im1331	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_1)/TeV^2+hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Im2332	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_2)/TeV^2+hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_1)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/TeV^2+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clq3Im1113	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_1)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	R
$\begin{array}{llll} {\rm clq3Im1213} & & & & & & & & & & & & & & & & & & \\ & {\rm clq3Im1222} & & & & & & & & & & & & & & & & & &$	clq3Im1123	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_1)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	R
$\begin{array}{llll} {\rm clq3Im1213} & & & & & & & & & & & & & & & & & & \\ {\rm clq3Im1222} & & & & & & & & & & & & & & & & & &$	clq3Im1212	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/TeV^2+hc$	R
$\begin{array}{lll} {\rm clq3Im1232} & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_3\gamma^\mu\sigma^Iq_2)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1233} & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1313} & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1322} & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1323} & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1323} & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1333} & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2 + hc & {\rm R} \\ \end{array}$	clq3Im1213		\mathbf{R}
$\begin{array}{lll} {\rm clq3Im1233} & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1313} & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1322} & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1323} & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1333} & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2 + hc & {\rm R} \\ \end{array}$	clq3Im1222	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2+hc$	R
$\begin{array}{lll} {\rm clq3Im1313} & & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1322} & & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1323} & & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2 + hc & {\rm R} \\ {\rm clq3Im1333} & & i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2 + hc & {\rm R} \\ \end{array}$	clq3Im1232	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_3\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	R
$\begin{array}{lll} {\rm clq3Im1322} & & & & & & & & & & & & & & & & & & $			R
$\begin{array}{lll} {\rm clq3Im1322} & & & & & & & & & & & & & & & & & & $	clq3Im1313	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	R
clq3Im1333 $i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2 + hc \qquad \qquad {\rm R}$	clq3Im1322	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	R
	clq3Im1323		R
clq3Im2223 $i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_2)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2 + hc \qquad \qquad {\rm R}$	clq3Im1333		R
	clq3Im2223	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_2)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	\mathbf{R}

WC name	Operator	Type
clq3Im2323	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	R
clq3Im3323	$i(\bar{\ell}_3\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	R
clq3Im1231	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_3\gamma^\mu\sigma^Iq_1)/TeV^2 + hc$	\mathbf{R}
clq3Im1223	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	\mathbf{R}
clq3Im1332	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	${ m R}$
clq3Im1211	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_2)(\bar{q}_1\gamma^\mu\sigma^Iq_1)/TeV^2 + hc$	R
clq3Im1311	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_1)/TeV^2 + hc$	R
clq3Im1312	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	\mathbf{R}
clq3Im1321	$i(\bar{\ell}_1\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_1)/TeV^2 + hc$	R
clq3Im2212	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_2)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	R
clq3Im2213	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_2)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	R
clq3Im2311	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_1)/TeV^2 + hc$	R
clq3Im2312	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	R
clq3Im2313	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	R
clq3Im2321	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_1)/TeV^2 + hc$	R
clq3Im2322	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	R
clq3Im2331	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_1)/TeV^2 + hc$	R
clq3Im2333	$i(\bar{\ell}_2\gamma_\mu\sigma^I\ell_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	R
clq3Im3312	$i(\bar{\ell}_3\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	R
clq3Im3313	$i(\bar{\ell}_3\gamma_\mu\sigma^I\ell_3)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	R
cqq1Re1111	$(\bar{q}_1\gamma_\mu q_1)(\bar{q}_1\gamma^\mu q_1)/TeV^2$	R
cqq1Re2222	$(\bar{q}_2\gamma_\mu q_2)(\bar{q}_2\gamma^\mu q_2)/TeV^2$	\mathbf{R}
cqq1Re3333	$(\bar{q}_3\gamma_\mu q_3)(\bar{q}_3\gamma^\mu q_3)/TeV^2$	${ m R}$
cqq1Re1122	$(ar{q}_1\gamma_\mu q_1)(ar{q}_2\gamma^\mu q_2)/TeV^2$	\mathbf{R}
cqq1Re1133	$(\bar{q}_1\gamma_\mu q_1)(\bar{q}_3\gamma^\mu q_3)/TeV^2$	R
cqq1Re2233	$(ar{q}_2\gamma_\mu q_2)(ar{q}_3\gamma^\mu q_3)/TeV^2$	R
cqq1Re1221	$(ar{q}_1\gamma_\mu q_2)(ar{q}_2\gamma^\mu q_1)/TeV^2$	R
cqq1Re1331	$(ar{q}_1\gamma_\mu q_3)(ar{q}_3\gamma^\mu q_1)/TeV^2$	R
cqq1Re2332	$(ar{q}_2\gamma_\mu q_3)(ar{q}_3\gamma^\mu q_2)/TeV^2$	R
cqq1Re1112	$(\bar{q}_1\gamma_\mu q_1)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	R
cqq1Re1113	$(\bar{q}_1\gamma_{\mu}q_1)(\bar{q}_1\gamma^{\mu}q_3)/TeV^2 + hc$	R
cqq1Re1123	$(\bar{q}_1\gamma_\mu q_1)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Re1212	$(\bar{q}_1\gamma_{\mu}q_2)(\bar{q}_1\gamma^{\mu}q_2)/TeV^2 + hc$	\mathbf{R}
cqq1Re1213	$(\bar{q}_1\gamma_{\mu}q_2)(\bar{q}_1\gamma^{\mu}q_3)/TeV^2 + hc$	\mathbf{R}
cqq1Re1222	$(\bar{q}_1\gamma_\mu q_2)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc$	\mathbf{R}
cqq1Re1232	$(\bar{q}_1\gamma_{\mu}q_2)(\bar{q}_3\gamma^{\mu}q_2)/TeV^2 + hc$	R
cqq1Re1233	$(\bar{q}_1\gamma_\mu q_2)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc$	\mathbf{R}
cqq1Re1313	$(\bar{q}_1\gamma_\mu q_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Re1322	$(\bar{q}_1\gamma_\mu q_3)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc$	\mathbf{R}
cqq1Re1323	$(\bar{q}_1\gamma_\mu q_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Re1333	$(\bar{q}_1\gamma_{\mu}q_3)(\bar{q}_3\gamma^{\mu}q_3)/TeV^2 + hc$	R
cqq1Re2223	$(\bar{q}_2\gamma_\mu q_2)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Re2323	$(\bar{q}_2\gamma_\mu q_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	\mathbf{R}

WC name	Operator	Type
cqq1Re3323	$(\bar{q}_3\gamma_\mu q_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Re1231	$(\bar{q}_1\gamma_{\mu}q_2)(\bar{q}_3\gamma^{\mu}q_1)/TeV^2 + hc$	R
cqq1Re1223	$(\bar{q}_1 \gamma_{\mu} q_2)(\bar{q}_2 \gamma^{\mu} q_3)/TeV^2 + hc$	R
cqq1Re1332	$(\bar{q}_1 \gamma_{\mu} q_3)(\bar{q}_3 \gamma^{\mu} q_2)/TeV^2 + hc$	R
cqq1Im1112	$i(\bar{q}_1\gamma_\mu q_1)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	R
cqq1Im1113	$i(\bar{q}_1\gamma_\mu q_1)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Im1123	$i(\bar{q}_1\gamma_\mu q_1)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Im1212	$i(\bar{q}_1\gamma_\mu q_2)(\bar{q}_1\gamma^\mu q_2)/TeV^2 + hc$	R
cqq1Im1213	$i(\bar{q}_1\gamma_\mu q_2)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Im1222	$i(\bar{q}_1\gamma_\mu q_2)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc$	R
cqq1Im1232	$i(\bar{q}_1\gamma_{\mu}q_2)(\bar{q}_3\gamma^{\mu}q_2)/TeV^2 + hc$	R
cqq1Im1233	$i(\bar{q}_1\gamma_{\mu}q_2)(\bar{q}_3\gamma^{\mu}q_3)/TeV^2 + hc$	R
cqq1Im1313	$i(\bar{q}_1\gamma_\mu q_3)(\bar{q}_1\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Im1322	$i(\bar{q}_1\gamma_\mu q_3)(\bar{q}_2\gamma^\mu q_2)/TeV^2 + hc$	R
cqq1Im1323	$i(\bar{q}_1\gamma_\mu q_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Im1333	$i(\bar{q}_1\gamma_\mu q_3)(\bar{q}_3\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Im2223	$i(\bar{q}_2\gamma_\mu q_2)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Im2323	$i(\bar{q}_2\gamma_\mu q_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Im3323	$i(\bar{q}_3\gamma_\mu q_3)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Im1231	$i(\bar{q}_1\gamma_{\mu}q_2)(\bar{q}_3\gamma^{\mu}q_1)/TeV^2 + hc$	R
cqq1Im1223	$i(\bar{q}_1\gamma_\mu q_2)(\bar{q}_2\gamma^\mu q_3)/TeV^2 + hc$	R
cqq1Im1332	$i(\bar{q}_1\gamma_\mu q_3)(\bar{q}_3\gamma^\mu q_2)/TeV^2 + hc$	R
cqq3Re1111	$(ar{q}_1\gamma_\mu\sigma^Iq_1)(ar{q}_1\gamma^\mu\sigma^Iq_1)/TeV^2$	R
cqq3Re2222	$(\bar{q}_2\gamma_\mu\sigma^Iq_2)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2$	R
cqq3Re3333	$(\bar{q}_3\gamma_\mu\sigma^Iq_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2$	R
cqq3Re1122	$(\bar{q}_1\gamma_\mu\sigma^Iq_1)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2$	R
cqq3Re1133	$(\bar{q}_1\gamma_\mu\sigma^Iq_1)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2$	\mathbf{R}
cqq3Re2233	$(\bar{q}_2\gamma_\mu\sigma^Iq_2)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2$	\mathbf{R}
cqq3Re1221	$(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_2\gamma^\mu\sigma^Iq_1)/TeV^2$	R
cqq3Re1331	$(\bar{q}_1\gamma_\mu\sigma^Iq_3)(\bar{q}_3\gamma^\mu\sigma^Iq_1)/TeV^2$	\mathbf{R}
cqq3Re2332	$(\bar{q}_2\gamma_\mu\sigma^Iq_3)(\bar{q}_3\gamma^\mu\sigma^Iq_2)/TeV^2$	\mathbf{R}
cqq3Re1112	$(\bar{q}_1\gamma_\mu\sigma^Iq_1)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/TeV^2+hc$	\mathbf{R}
cqq3Re1113	$(\bar{q}_1\gamma_\mu\sigma^Iq_1)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	\mathbf{R}
cqq3Re1123	$(\bar{q}_1\gamma_\mu\sigma^Iq_1)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	R
cqq3Re1212	$(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/TeV^2+hc$	R
cqq3Re1213	$(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	\mathbf{R}
cqq3Re1222	$(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2+hc$	\mathbf{R}
cqq3Re1232	$(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_3\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	\mathbf{R}
cqq3Re1233	$(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	\mathbf{R}
cqq3Re1313	$(\bar{q}_1\gamma_\mu\sigma^Iq_3)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	${ m R}$
cqq3Re1322	$(\bar{q}_1\gamma_\mu\sigma^Iq_3)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	${ m R}$
cqq3Re1323	$(\bar{q}_1\gamma_\mu\sigma^Iq_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	\mathbf{R}
cqq3Re1333	$(\bar{q}_1\gamma_\mu\sigma^Iq_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	\mathbf{R}
cqq3Re2223	$(\bar{q}_2\gamma_\mu\sigma^Iq_2)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	${ m R}$

WC name	Operator	Type
cqq3Re2323	$(\bar{q}_2\gamma_\mu\sigma^Iq_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	R
cqq3Re3323	$(\bar{q}_3\gamma_\mu\sigma^Iq_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	\mathbf{R}
cqq3Re1231	$(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_3\gamma^\mu\sigma^Iq_1)/TeV^2+hc$	${ m R}$
cqq3Re1223	$(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	${ m R}$
cqq3Re1332	$(\bar{q}_1\gamma_\mu\sigma^Iq_3)(\bar{q}_3\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	\mathbf{R}
cqq3Im1112	$i(\bar{q}_1\gamma_\mu\sigma^Iq_1)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/TeV^2+hc$	${ m R}$
cqq3Im1113	$i(\bar{q}_1\gamma_\mu\sigma^Iq_1)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	\mathbf{R}
cqq3Im1123	$i(\bar{q}_1\gamma_\mu\sigma^Iq_1)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	${ m R}$
cqq3Im1212	$i(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_1\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	${ m R}$
cqq3Im1213	$i(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	${ m R}$
cqq3Im1222	$i(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2+hc$	\mathbf{R}
cqq3Im1232	$i(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_3\gamma^\mu\sigma^Iq_2)/TeV^2+hc$	\mathbf{R}
cqq3Im1233	$i(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	\mathbf{R}
cqq3Im1313	$i(\bar{q}_1\gamma_\mu\sigma^Iq_3)(\bar{q}_1\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	\mathbf{R}
cqq3Im1322	$i(\bar{q}_1\gamma_\mu\sigma^Iq_3)(\bar{q}_2\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	${ m R}$
cqq3Im1323	$i(\bar{q}_1\gamma_\mu\sigma^Iq_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	\mathbf{R}
cqq3Im1333	$i(\bar{q}_1\gamma_\mu\sigma^Iq_3)(\bar{q}_3\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	\mathbf{R}
cqq3Im2223	$i(\bar{q}_2\gamma_\mu\sigma^Iq_2)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2 + hc$	${ m R}$
cqq3Im2323	$i(\bar{q}_2\gamma_\mu\sigma^Iq_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	${ m R}$
cqq3Im3323	$i(\bar{q}_3\gamma_\mu\sigma^Iq_3)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	${ m R}$
cqq3Im1231	$i(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_3\gamma^\mu\sigma^Iq_1)/TeV^2+hc$	${ m R}$
cqq3Im1223	$i(\bar{q}_1\gamma_\mu\sigma^Iq_2)(\bar{q}_2\gamma^\mu\sigma^Iq_3)/TeV^2+hc$	${ m R}$
cqq3Im1332	$i(\bar{q}_1\gamma_\mu\sigma^Iq_3)(\bar{q}_3\gamma^\mu\sigma^Iq_2)/TeV^2 + hc$	${ m R}$
ceeRe1111	$(\bar{e}_1\gamma_\mu e_1)(\bar{e}_1\gamma^\mu e_1)/TeV^2$	${ m R}$
ceeRe2222	$(\bar{e}_2\gamma_\mu e_2)(\bar{e}_2\gamma^\mu e_2)/TeV^2$	${ m R}$
ceeRe3333	$(\bar{e}_3\gamma_\mu e_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2$	${ m R}$
ceeRe1122	$(\bar{e}_1\gamma_\mu e_1)(\bar{e}_2\gamma^\mu e_2)/TeV^2$	\mathbf{R}
ceeRe1133	$(\bar{e}_1\gamma_\mu e_1)(\bar{e}_3\gamma^\mu e_3)/TeV^2$	\mathbf{R}
ceeRe2233	$(\bar{e}_2\gamma_\mu e_2)(\bar{e}_3\gamma^\mu e_3)/TeV^2$	${ m R}$
ceeRe1112	$(\bar{e}_1 \gamma_{\mu} e_1)(\bar{e}_1 \gamma^{\mu} e_2)/TeV^2 + hc$	${ m R}$
ceeRe1113	$(\bar{e}_1 \gamma_{\mu} e_1)(\bar{e}_1 \gamma^{\mu} e_3)/TeV^2 + hc$	${ m R}$
ceeRe1123	$(\bar{e}_1 \gamma_{\mu} e_1)(\bar{e}_2 \gamma^{\mu} e_3)/TeV^2 + hc$	${ m R}$
ceeRe1212	$(\bar{e}_1\gamma_\mu e_2)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
ceeRe1213	$(\bar{e}_1 \gamma_{\mu} e_2)(\bar{e}_1 \gamma^{\mu} e_3)/TeV^2 + hc$	${ m R}$
ceeRe1222	$(\bar{e}_1 \gamma_{\mu} e_2)(\bar{e}_2 \gamma^{\mu} e_2)/TeV^2 + hc$	\mathbf{R}
ceeRe1232	$(\bar{e}_1\gamma_\mu e_2)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$	${ m R}$
ceeRe1233	$(\bar{e}_1\gamma_{\mu}e_2)(\bar{e}_3\gamma^{\mu}e_3)/TeV^2 + hc$	${ m R}$
ceeRe1313	$(\bar{e}_1\gamma_\mu e_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
ceeRe1322	$(\bar{e}_1 \gamma_{\mu} e_3)(\bar{e}_2 \gamma^{\mu} e_2)/TeV^2 + hc$	${ m R}$
ceeRe1323	$(\bar{e}_1\gamma_\mu e_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	${ m R}$
ceeRe1333	$(\bar{e}_1\gamma_\mu e_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$	${ m R}$
ceeRe2223	$(\bar{e}_2\gamma_{\mu}e_2)(\bar{e}_2\gamma^{\mu}e_3)/TeV^2 + hc$	${ m R}$
ceeRe2323	$(\bar{e}_2\gamma_\mu e_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	${ m R}$
ceeRe3323	$(\bar{e}_3\gamma_\mu e_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	${ m R}$

WC name	Operator	Type
ceeIm1112	$i(\bar{e}_1\gamma_\mu e_1)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	R
ceeIm1113	$i(\bar{e}_1\gamma_\mu e_1)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
ceeIm1123	$i(\bar{e}_1\gamma_{\mu}e_1)(\bar{e}_2\gamma^{\mu}e_3)/TeV^2 + hc$	R
ceeIm1212	$i(\bar{e}_1\gamma_\mu e_2)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	R
ceeIm1213	$i(\bar{e}_1\gamma_\mu e_2)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
ceeIm1222	$i(\bar{e}_1\gamma_\mu e_2)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc$	R
ceeIm1232	$i(\bar{e}_1\gamma_\mu e_2)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$	R
ceeIm1233	$i(\bar{e}_1\gamma_\mu e_2)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$	R
ceeIm1313	$i(\bar{e}_1\gamma_\mu e_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
ceeIm1322	$i(\bar{e}_1\gamma_\mu e_3)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc$	R
ceeIm1323	$i(\bar{e}_1\gamma_\mu e_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	R
ceeIm1333	$i(\bar{e}_1\gamma_\mu e_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$	R
ceeIm2223	$i(\bar{e}_2\gamma_\mu e_2)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	R
ceeIm2323	$i(\bar{e}_2\gamma_{\mu}e_3)(\bar{e}_2\gamma^{\mu}e_3)/TeV^2 + hc$	R
ceeIm3323	$i(\bar{e}_3\gamma_\mu e_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	R
cuuRe1111	$(\bar{u}_1\gamma_\mu u_1)(\bar{u}_1\gamma^\mu u_1)/TeV^2$	R
cuuRe2222	$(\bar{u}_2\gamma_\mu u_2)(\bar{u}_2\gamma^\mu u_2)/TeV^2$	R
cuuRe3333	$(\bar{u}_3\gamma_\mu u_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2$	R
cuuRe1122	$(\bar{u}_1\gamma_\mu u_1)(\bar{u}_2\gamma^\mu u_2)/TeV^2$	R
cuuRe1133	$(\bar{u}_1\gamma_\mu u_1)(\bar{u}_3\gamma^\mu u_3)/TeV^2$	R
cuuRe2233	$(\bar{u}_2\gamma_\mu u_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2$	R
cuuRe1221	$(\bar{u}_1\gamma_\mu u_2)(\bar{u}_2\gamma^\mu u_1)/TeV^2$	R
cuuRe1331	$(\bar{u}_1\gamma_\mu u_3)(\bar{u}_3\gamma^\mu u_1)/TeV^2$	R
cuuRe2332	$(\bar{u}_2 \gamma_{\mu} u_3)(\bar{u}_3 \gamma^{\mu} u_2)/TeV^2$	R
cuuRe1112	$(\bar{u}_1\gamma_{\mu}u_1)(\bar{u}_1\gamma^{\mu}u_2)/TeV^2 + hc$	R
cuuRe1113	$(\bar{u}_1\gamma_{\mu}u_1)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	R
cuuRe1123	$(\bar{u}_1\gamma_{\mu}u_1)(\bar{u}_2\gamma^{\mu}u_3)/TeV^2 + hc$	R
cuuRe1212	$(\bar{u}_1\gamma_\mu u_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
cuuRe1213	$(\bar{u}_1\gamma_\mu u_2)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
cuuRe1222	$(\bar{u}_1\gamma_\mu u_2)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	R
cuuRe1232	$(\bar{u}_1\gamma_{\mu}u_2)(\bar{u}_3\gamma^{\mu}u_2)/TeV^2 + hc$	R
cuuRe1233	$(\bar{u}_1\gamma_{\mu}u_2)(\bar{u}_3\gamma^{\mu}u_3)/TeV^2 + hc$	R
cuuRe1313	$(\bar{u}_1\gamma_{\mu}u_3)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	\mathbf{R}
cuuRe1322	$(\bar{u}_1\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	R
cuuRe1323	$(\bar{u}_1\gamma_{\mu}u_3)(\bar{u}_2\gamma^{\mu}u_3)/TeV^2 + hc$	R
cuuRe1333	$(\bar{u}_1\gamma_\mu u_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
cuuRe2223	$(\bar{u}_2\gamma_{\mu}u_2)(\bar{u}_2\gamma^{\mu}u_3)/TeV^2 + hc$	\mathbf{R}
cuuRe2323	$(\bar{u}_2\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
cuuRe3323	$(\bar{u}_3\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
cuuRe1231	$(\bar{u}_1\gamma_{\mu}u_2)(\bar{u}_3\gamma^{\mu}u_1)/TeV^2 + hc$	R
cuuRe1223	$(\bar{u}_1\gamma_{\mu}u_2)(\bar{u}_2\gamma^{\mu}u_3)/TeV^2 + hc$	R
cuuRe1332	$(\bar{u}_1\gamma_{\mu}u_3)(\bar{u}_3\gamma^{\mu}u_2)/TeV^2 + hc$	R
cuuIm1112	$i(\bar{u}_1\gamma_{\mu}u_1)(\bar{u}_1\gamma^{\mu}u_2)/TeV^2 + hc$	R
cuuIm1113	$i(\bar{u}_1\gamma_\mu u_1)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	${ m R}$

WC name	Operator	Type
cuuIm1123	$i(\bar{u}_1\gamma_\mu u_1)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
cuuIm1212	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	${ m R}$
cuuIm1213	$i(\bar{u}_1\gamma_{\mu}u_2)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	${ m R}$
cuuIm1222	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	${ m R}$
cuuIm1232	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc$	${ m R}$
cuuIm1233	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	${ m R}$
cuuIm1313	$i(\bar{u}_1\gamma_{\mu}u_3)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	${ m R}$
cuuIm1322	$i(\bar{u}_1\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	${ m R}$
cuuIm1323	$i(\bar{u}_1\gamma_{\mu}u_3)(\bar{u}_2\gamma^{\mu}u_3)/TeV^2 + hc$	${ m R}$
cuuIm1333	$i(\bar{u}_1\gamma_\mu u_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	${ m R}$
cuuIm2223	$i(\bar{u}_2\gamma_\mu u_2)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	${ m R}$
cuuIm2323	$i(\bar{u}_2\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	${ m R}$
cuuIm3323	$i(\bar{u}_3\gamma_\mu u_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	${ m R}$
cuuIm1231	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_3\gamma^\mu u_1)/TeV^2 + hc$	R
cuuIm1223	$i(\bar{u}_1\gamma_\mu u_2)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	${ m R}$
cuuIm1332	$i(\bar{u}_1\gamma_\mu u_3)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc$	${ m R}$
cddRe1111	$(ar{d}_1\gamma_\mu d_1)(ar{d}_1\gamma^\mu d_1)/TeV^2$	${ m R}$
cddRe2222	$(ar{d}_2\gamma_\mu d_2)(ar{d}_2\gamma^\mu d_2)/TeV^2$	R
cddRe3333	$(ar{d}_3\gamma_\mu d_3)(ar{d}_3\gamma^\mu d_3)/TeV^2$	R
cddRe1122	$(ar{d}_1\gamma_\mu d_1)(ar{d}_2\gamma^\mu d_2)/TeV^2$	R
cddRe1133	$(ar{d}_1\gamma_\mu d_1)(ar{d}_3\gamma^\mu d_3)/TeV^2$	R
cddRe2233	$(ar{d}_2\gamma_\mu d_2)(ar{d}_3\gamma^\mu d_3)/TeV^2$	R
cddRe1221	$(ar{d}_1\gamma_\mu d_2)(ar{d}_2\gamma^\mu d_1)/TeV^2$	${ m R}$
cddRe1331	$(\bar{d}_1\gamma_\mu d_3)(\bar{d}_3\gamma^\mu d_1)/TeV^2$	${ m R}$
cddRe2332	$(\bar{d}_2\gamma_\mu d_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2$	${ m R}$
cddRe1112	$(\bar{d}_1\gamma_\mu d_1)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
cddRe1113	$(\bar{d}_1\gamma_\mu d_1)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cddRe1123	$(\bar{d}_1\gamma_\mu d_1)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
cddRe1212	$(\bar{d}_1\gamma_\mu d_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
cddRe1213	$(\bar{d_1}\gamma_{\mu}d_2)(\bar{d_1}\gamma^{\mu}d_3)/TeV^2 + hc$	${ m R}$
cddRe1222	$(\bar{d}_1\gamma_\mu d_2)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cddRe1232	$(\bar{d}_1\gamma_{\mu}d_2)(\bar{d}_3\gamma^{\mu}d_2)/TeV^2 + hc$	R
cddRe1233	$(\bar{d}_1\gamma_{\mu}d_2)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc$	R
cddRe1313	$(\bar{d}_1\gamma_{\mu}d_3)(\bar{d}_1\gamma^{\mu}d_3)/TeV^2 + hc$	R
cddRe1322	$(\bar{d}_1\gamma_\mu d_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cddRe1323	$(ar{d}_1\gamma_\mu d_3)(ar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cddRe1333	$(ar{d}_1\gamma_\mu d_3)(ar{d}_2\gamma^\mu d_3)/TeV^2 + hc$ $(ar{d}_1\gamma_\mu d_3)(ar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	R
cddRe2223	$(d_1 \gamma_\mu d_3)(d_3 \gamma^\mu d_3)/TeV + hc$ $(\bar{d}_2 \gamma_\mu d_2)(\bar{d}_2 \gamma^\mu d_3)/TeV^2 + hc$	R
cddRe2323	$(d_2\gamma_{\mu}d_2)(d_2\gamma^{\mu}d_3)/TeV^2 + hc$ $(\bar{d}_2\gamma_{\mu}d_3)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc$	R
cddRe3323	$(d_2\gamma_{\mu}d_3)(d_2\gamma^{\mu}d_3)/TeV^2 + hc$ $(\bar{d}_3\gamma_{\mu}d_3)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc$	R R
	$(a_3\gamma_{\mu}a_3)(a_2\gamma^{\mu}a_3)/TeV + hc$ $(\bar{d}_1\gamma_{\mu}d_2)(\bar{d}_3\gamma^{\mu}d_1)/TeV^2 + hc$	
cddRe1231	$(a_1\gamma_{\mu}a_2)(a_3\gamma^{\mu}a_1)/1 eV^{-} + nc$ $(\bar{J}_{\alpha}, d_{\alpha})(\bar{J}_{\alpha}, d_{\alpha})/T_{\alpha}V^{2} + h_{\alpha}$	R
cddRe1223	$(\bar{d}_1\gamma_{\mu}d_2)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc$	R
cddRe1332	$(\bar{d}_1\gamma_\mu d_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R

WC name	Operator	Type
cddIm1112	$i(\bar{d}_1\gamma_\mu d_1)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cddIm1113	$i(\bar{d}_1\gamma_\mu d_1)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	\mathbf{R}
cddIm1123	$i(\bar{d}_1\gamma_{\mu}d_1)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc$	${ m R}$
cddIm1212	$i(\bar{d}_1\gamma_\mu d_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
cddIm1213	$i(\bar{d}_1\gamma_\mu d_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cddIm1222	$i(\bar{d}_1\gamma_\mu d_2)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cddIm1232	$i(\bar{d}_1\gamma_{\mu}d_2)(\bar{d}_3\gamma^{\mu}d_2)/TeV^2 + hc$	R
cddIm1233	$i(ar{d}_1\gamma_\mu d_2)(ar{d}_3\gamma^\mu d_3)/TeV^2+hc$	R
cddIm1313	$i(\bar{d}_1\gamma_\mu d_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cddIm1322	$i(\bar{d}_1\gamma_\mu d_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cddIm1323	$i(\bar{d}_1\gamma_\mu d_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cddIm1333	$i(\bar{d}_1\gamma_\mu d_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
cddIm2223	$i(\bar{d}_2\gamma_\mu d_2)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
cddIm2323	$i(\bar{d}_2\gamma_\mu d_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
cddIm3323	$i(\bar{d}_3\gamma_\mu d_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cddIm1231	$i(\bar{d}_1\gamma_{\mu}d_2)(\bar{d}_3\gamma^{\mu}d_1)/TeV^2 + hc$	${ m R}$
cddIm1223	$i(\bar{d}_1\gamma_\mu d_2)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
cddIm1332	$i(\bar{d}_1\gamma_{\mu}d_3)(\bar{d}_3\gamma^{\mu}d_2)/TeV^2 + hc$	R
ceuRe1111	$(\bar{e}_1\gamma_\mu e_1)(\bar{u}_1\gamma^\mu u_1)/TeV^2$	R
ceuRe1122	$(\bar{e}_1\gamma_\mu e_1)(\bar{u}_2\gamma^\mu u_2)/TeV^2$	R
ceuRe1133	$(\bar{e}_1\gamma_\mu e_1)(\bar{u}_3\gamma^\mu u_3)/TeV^2$	${ m R}$
ceuRe2222	$(\bar{e}_2\gamma_\mu e_2)(\bar{u}_2\gamma^\mu u_2)/TeV^2$	R
ceuRe2233	$(\bar{e}_2\gamma_\mu e_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2$	R
ceuRe3333	$(\bar{e}_3\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2$	\mathbf{R}
ceuRe1221	$(\bar{e}_1\gamma_\mu e_2)(\bar{u}_2\gamma^\mu u_1)/TeV^2 + hc$	R
ceuRe1331	$(\bar{e}_1\gamma_{\mu}e_3)(\bar{u}_3\gamma^{\mu}u_1)/TeV^2 + hc$	R
ceuRe2332	$(\bar{e}_2\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc$	${ m R}$
ceuRe2211	$(\bar{e}_2\gamma_\mu e_2)(\bar{u}_1\gamma^\mu u_1)/TeV^2$	\mathbf{R}
ceuRe3311	$(\bar{e}_3\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2$	R
ceuRe3322	$(\bar{e}_3\gamma_{\mu}e_3)(\bar{u}_2\gamma^{\mu}u_2)/TeV^2$	R
ceuRe1112	$(\bar{e}_1\gamma_\mu e_1)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
ceuRe1113	$(\bar{e}_1\gamma_\mu e_1)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
ceuRe1123	$(\bar{e}_1\gamma_\mu e_1)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
ceuRe1212	$(\bar{e}_1\gamma_\mu e_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
ceuRe1213	$(\bar{e}_1\gamma_{\mu}e_2)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	R
ceuRe1222	$(\bar{e}_1\gamma_{\mu}e_2)(\bar{u}_2\gamma^{\mu}u_2)/TeV^2 + hc$	R
ceuRe1232	$(\bar{e}_1\gamma_{\mu}e_2)(\bar{u}_3\gamma^{\mu}u_2)/TeV^2 + hc$	R
ceuRe1233	$(\bar{e}_1\gamma_{\mu}e_2)(\bar{u}_3\gamma^{\mu}u_3)/TeV^2 + hc$ $(\bar{e}_1\gamma_{\mu}e_3)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	R R
ceuRe1313	$(e_1\gamma_{\mu}e_3)(u_1\gamma^{\mu}u_3)/IeV^{2} + hc$ $(\bar{e}_1\gamma_{\mu}e_3)(\bar{u}_2\gamma^{\mu}u_2)/TeV^{2} + hc$	R R
ceuRe1322	$(e_1\gamma_{\mu}e_3)(u_2\gamma^{\mu}u_2)/1 \ eV^2 + hc$ $(\bar{e}_1\gamma_{\mu}e_3)(\bar{u}_2\gamma^{\mu}u_3)/TeV^2 + hc$	R R
ceuRe1323 ceuRe1333	$(e_1\gamma_{\mu}e_3)(u_2\gamma^{\mu}u_3)/I eV^2 + hc$ $(\bar{e}_1\gamma_{\mu}e_3)(\bar{u}_3\gamma^{\mu}u_3)/TeV^2 + hc$	R R
	$(e_1\gamma_{\mu}e_3)(u_3\gamma^{\mu}u_3)/TeV + hc$ $(\bar{e}_2\gamma_{\mu}e_2)(\bar{u}_2\gamma^{\mu}u_3)/TeV^2 + hc$	R R
ceuRe2223	$(e_2\gamma_{\mu}e_2)(u_2\gamma u_3)/IeV + nc$	Γ

WC name	Operator	Type
ceuRe2323	$(\bar{e}_2\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
ceuRe3323	$(\bar{e}_3\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
ceuRe1231	$(\bar{e}_1\gamma_\mu e_2)(\bar{u}_3\gamma^\mu u_1)/TeV^2 + hc$	R
ceuRe1223	$(\bar{e}_1\gamma_\mu e_2)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
ceuRe1332	$(\bar{e}_1\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc$	R
ceuRe1211	$(\bar{e}_1\gamma_\mu e_2)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	R
ceuRe1311	$(\bar{e}_1\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	R
ceuRe1312	$(\bar{e}_1\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
ceuRe1321	$(\bar{e}_1\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_1)/TeV^2 + hc$	\mathbf{R}
ceuRe2212	$(\bar{e}_2\gamma_\mu e_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
ceuRe2213	$(\bar{e}_2\gamma_\mu e_2)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
ceuRe2311	$(\bar{e}_2\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	\mathbf{R}
ceuRe2312	$(\bar{e}_2\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
ceuRe2313	$(\bar{e}_2\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	${ m R}$
ceuRe2321	$(\bar{e}_2\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_1)/TeV^2 + hc$	${ m R}$
ceuRe2322	$(\bar{e}_2\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	${ m R}$
ceuRe2331	$(\bar{e}_2\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_1)/TeV^2 + hc$	${ m R}$
ceuRe2333	$(\bar{e}_2\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
ceuRe3312	$(\bar{e}_3\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	${ m R}$
ceuRe3313	$(\bar{e}_3\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	${ m R}$
ceuIm1221	$i(\bar{e}_1\gamma_{\mu}e_2)(\bar{u}_2\gamma^{\mu}u_1)/TeV^2 + hc$	\mathbf{R}
ceuIm1331	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_1)/TeV^2 + hc$	\mathbf{R}
ceuIm2332	$i(\bar{e}_2\gamma_{\mu}e_3)(\bar{u}_3\gamma^{\mu}u_2)/TeV^2 + hc$	\mathbf{R}
ceuIm1112	$i(\bar{e}_1\gamma_\mu e_1)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
ceuIm1113	$i(\bar{e}_1\gamma_\mu e_1)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
ceuIm1123	$i(\bar{e}_1\gamma_{\mu}e_1)(\bar{u}_2\gamma^{\mu}u_3)/TeV^2 + hc$	${ m R}$
ceuIm1212	$i(\bar{e}_1\gamma_{\mu}e_2)(\bar{u}_1\gamma^{\mu}u_2)/TeV^2 + hc$	\mathbf{R}
ceuIm1213	$i(\bar{e}_1\gamma_{\mu}e_2)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	\mathbf{R}
ceuIm1222	$i(\bar{e}_1\gamma_\mu e_2)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
ceuIm1232	$i(\bar{e}_1\gamma_{\mu}e_2)(\bar{u}_3\gamma^{\mu}u_2)/TeV^2 + hc$	\mathbf{R}
ceuIm1233	$i(\bar{e}_1\gamma_\mu e_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	${ m R}$
ceuIm1313	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	${ m R}$
ceuIm1322	$i(\bar{e}_1\gamma_{\mu}e_3)(\bar{u}_2\gamma^{\mu}u_2)/TeV^2 + hc$	\mathbf{R}
ceuIm1323	$i(\bar{e}_1\gamma_{\mu}e_3)(\bar{u}_2\gamma^{\mu}u_3)/TeV^2 + hc$	\mathbf{R}
ceuIm1333	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
ceuIm2223	$i(\bar{e}_2\gamma_{\mu}e_2)(\bar{u}_2\gamma^{\mu}u_3)/TeV^2 + hc$	\mathbf{R}
ceuIm2323	$i(\bar{e}_2\gamma_{\mu}e_3)(\bar{u}_2\gamma^{\mu}u_3)/TeV^2 + hc$	\mathbf{R}
ceuIm3323	$i(\bar{e}_3\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
ceuIm1231	$i(\bar{e}_1\gamma_{\mu}e_2)(\bar{u}_3\gamma^{\mu}u_1)/TeV^2 + hc$	\mathbf{R}
ceuIm1223	$i(\bar{e}_1\gamma_\mu e_2)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
ceuIm1332	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
ceuIm1211	$i(\bar{e}_1\gamma_\mu e_2)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	\mathbf{R}
ceuIm1311	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	\mathbf{R}
ceuIm1312	$i(\bar{e}_1\gamma_{\mu}e_3)(\bar{u}_1\gamma^{\mu}u_2)/TeV^2 + hc$	R

WC name	Operator	Type
ceuIm1321	$i(\bar{e}_1\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_1)/TeV^2 + hc$	R
ceuIm2212	$i(\bar{e}_2\gamma_\mu e_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
ceuIm2213	$i(\bar{e}_2\gamma_\mu e_2)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
ceuIm2311	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	R
ceuIm2312	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
ceuIm2313	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
ceuIm2321	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_1)/TeV^2 + hc$	R
ceuIm2322	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	R
ceuIm2331	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_1)/TeV^2 + hc$	R
ceuIm2333	$i(\bar{e}_2\gamma_\mu e_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	R
ceuIm3312	$i(\bar{e}_3\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
ceuIm3313	$i(\bar{e}_3\gamma_\mu e_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
cedRe1111	$(ar{e}_1\gamma_\mu e_1)(ar{d}_1\gamma^\mu d_1)/TeV^2$	R
cedRe1122	$(ar{e}_1\gamma_\mu e_1)(ar{d}_2\gamma^\mu d_2)/TeV^2$	\mathbf{R}
cedRe1133	$(\bar{e}_1\gamma_\mu e_1)(\bar{d}_3\gamma^\mu d_3)/TeV^2$	\mathbf{R}
cedRe2222	$(ar{e}_2\gamma_\mu e_2)(ar{d}_2\gamma^\mu d_2)/TeV^2$	\mathbf{R}
cedRe2233	$(\bar{e}_2\gamma_\mu e_2)(\bar{d}_3\gamma^\mu d_3)/TeV^2$	R
cedRe3333	$(\bar{e}_3\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2$	R
cedRe1221	$(\bar{e}_1\gamma_\mu e_2)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	${ m R}$
cedRe1331	$(\bar{e}_1\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	${ m R}$
cedRe2332	$(\bar{e}_2\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
cedRe2211	$(ar{e}_2\gamma_\mu e_2)(ar{d}_1\gamma^\mu d_1)/TeV^2$	${ m R}$
cedRe3311	$(\bar{e}_3\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2$	${ m R}$
cedRe3322	$(\bar{e}_3\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2$	${ m R}$
cedRe1112	$(\bar{e}_1\gamma_\mu e_1)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
cedRe1113	$(\bar{e}_1\gamma_{\mu}e_1)(\bar{d}_1\gamma^{\mu}d_3)/TeV^2 + hc$	R
cedRe1123	$(\bar{e}_1\gamma_{\mu}e_1)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc$	R
cedRe1212	$(\bar{e}_1\gamma_{\mu}e_2)(\bar{d}_1\gamma^{\mu}d_2)/TeV^2 + hc$	R
cedRe1213	$(\bar{e}_1\gamma_{\mu}e_2)(\bar{d}_1\gamma^{\mu}d_3)/TeV^2 + hc$	R
cedRe1222	$(\bar{e}_1\gamma_{\mu}e_2)(\bar{d}_2\gamma^{\mu}d_2)/TeV^2 + hc$	R
cedRe1232	$(\bar{e}_1\gamma_{\mu}e_2)(\bar{d}_3\gamma^{\mu}d_2)/TeV^2 + hc$	R
cedRe1233	$(\bar{e}_1/\mu e_2)(\bar{d}_3/\mu d_3)/TeV^2 + hc$	R
cedRe1313	$(\bar{e}_1/_{\mu}e_2)(\bar{d}_3/_{\mu}a_3)/1eV + hc$ $(\bar{e}_1\gamma_{\mu}e_3)(\bar{d}_1\gamma^{\mu}d_3)/TeV^2 + hc$	R
cedRe1322	$(\bar{e}_1/_{\mu}e_3)(\bar{d}_1/_{\mu}a_3)/TeV + hc$ $(\bar{e}_1\gamma_{\mu}e_3)(\bar{d}_2\gamma^{\mu}d_2)/TeV^2 + hc$	R
cedRe1323	$(\bar{e}_1\gamma_{\mu}e_3)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc$ $(\bar{e}_1\gamma_{\mu}e_3)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc$	R
cedRe1333	$(\bar{e}_1 \gamma_{\mu} e_3)(\bar{d}_2 \gamma^{\mu} d_3)/1 eV + hc$ $(\bar{e}_1 \gamma_{\mu} e_3)(\bar{d}_3 \gamma^{\mu} d_3)/T eV^2 + hc$	R
	$(\overline{e}_1\gamma_\mu e_3)(\overline{u}_3\gamma^\mu u_3)/1eV + hc$ $(\overline{e}_2\gamma_\mu e_2)(\overline{d}_2\gamma^\mu d_3)/TeV^2 + hc$	
cedRe2223	$(e_2\gamma_\mu e_2)(a_2\gamma^\mu a_3)/1 eV^2 + hc$ $(\bar{e}_2\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cedRe2323		R
cedRe3323	$(\bar{e}_3 \gamma_\mu e_3)(\bar{d}_2 \gamma^\mu d_3)/TeV^2 + hc$	R
cedRe1231	$(\bar{e}_1\gamma_{\mu}e_2)(\bar{d}_3\gamma^{\mu}d_1)/TeV^2 + hc$	R
cedRe1223	$(\bar{e}_1\gamma_{\mu}e_2)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc$	R
cedRe1332	$(\bar{e}_1\gamma_{\mu}e_3)(\bar{d}_3\gamma^{\mu}d_2)/TeV^2 + hc$	R
cedRe1211	$(\bar{e}_1\gamma_\mu e_2)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R

WC name	Operator	Type
cedRe1311	$(\bar{e}_1\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R
cedRe1312	$(\bar{e}_1\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cedRe1321	$(\bar{e}_1\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	R
cedRe2212	$(\bar{e}_2\gamma_\mu e_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	\mathbf{R}
cedRe2213	$(\bar{e}_2\gamma_\mu e_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	\mathbf{R}
cedRe2311	$(\bar{e}_2 \gamma_{\mu} e_3)(\bar{d}_1 \gamma^{\mu} d_1)/TeV^2 + hc$	\mathbf{R}
cedRe2312	$(\bar{e}_2\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cedRe2313	$(\bar{e}_2\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cedRe2321	$(\bar{e}_2 \gamma_{\mu} e_3) (\bar{d}_2 \gamma^{\mu} d_1) / TeV^2 + hc$	R
cedRe2322	$(\bar{e}_2\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cedRe2331	$(\bar{e}_2 \gamma_{\mu} e_3) (\bar{d}_3 \gamma^{\mu} d_1) / TeV^2 + hc$	R
cedRe2333	$(\bar{e}_2 \gamma_{\mu} e_3)(\bar{d}_3 \gamma^{\mu} d_3)/TeV^2 + hc$	R
cedRe3312	$(\bar{e}_3 \gamma_{\mu} e_3)(\bar{d}_1 \gamma^{\mu} d_2)/TeV^2 + hc$	R
cedRe3313	$(\bar{e}_3\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cedIm1221	$i(\bar{e}_1\gamma_\mu e_2)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	R
cedIm1331	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	R
cedIm2332	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	\mathbf{R}
cedIm1112	$i(\bar{e}_1\gamma_\mu e_1)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cedIm1113	$i(\bar{e}_1\gamma_\mu e_1)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cedIm1123	$i(\bar{e}_1\gamma_\mu e_1)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	\mathbf{R}
cedIm1212	$i(\bar{e}_1\gamma_\mu e_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cedIm1213	$i(\bar{e}_1\gamma_\mu e_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cedIm1222	$i(\bar{e}_1\gamma_\mu e_2)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	\mathbf{R}
cedIm1232	$i(\bar{e}_1\gamma_\mu e_2)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R
cedIm1233	$i(\bar{e}_1\gamma_\mu e_2)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	R
cedIm1313	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cedIm1322	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cedIm1323	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cedIm1333	$i(\bar{e}_1\gamma_{\mu}e_3)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc$	R
cedIm2223	$i(\bar{e}_2\gamma_\mu e_2)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cedIm2323	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2+hc$	R
cedIm3323	$i(\bar{e}_3\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2+hc$	R
cedIm1231	$i(\bar{e}_1\gamma_\mu e_2)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	R
cedIm1223	$i(\bar{e}_1\gamma_\mu e_2)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cedIm1332	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R
cedIm1211	$i(\bar{e}_1\gamma_{\mu}e_2)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc$	R
cedIm1311	$i(\bar{e}_1\gamma_{\mu}e_3)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc$	R
cedIm1312	$i(\bar{e}_1\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2+hc$	R
cedIm1321	$i(\bar{e}_1\gamma_{\mu}e_3)(\bar{d}_2\gamma^{\mu}d_1)/TeV^2+hc$	${ m R}$
cedIm2212	$i(\bar{e}_2\gamma_\mu e_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2+hc$	${ m R}$
cedIm2213	$i(\bar{e}_2\gamma_{\mu}e_2)(\bar{d}_1\gamma^{\mu}d_3)/TeV^2 + hc$	${ m R}$
cedIm2311	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R

WC name	Operator	Type
cedIm2312	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cedIm2313	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cedIm2321	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	R
cedIm2322	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cedIm2331	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	R
cedIm2333	$i(\bar{e}_2\gamma_\mu e_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	R
cedIm3312	$i(\bar{e}_3\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cedIm3313	$i(\bar{e}_3\gamma_\mu e_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2+hc$	R
cud1Re1111	$(\bar{u}_1\gamma_\mu u_1)(\bar{d}_1\gamma^\mu d_1)/TeV^2$	\mathbf{R}
cud1Re1122	$(ar{u}_1\gamma_\mu u_1)(ar{d}_2\gamma^\mu d_2)/TeV^2$	R
cud1Re1133	$(\bar{u}_1\gamma_\mu u_1)(\bar{d}_3\gamma^\mu d_3)/TeV^2$	R
cud1Re2222	$(\bar{u}_2\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_2)/TeV^2$	R
cud1Re2233	$(ar{u}_2\gamma_\mu u_2)(ar{d}_3\gamma^\mu d_3)/TeV^2$	R
cud1Re3333	$(\bar{u}_3\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2$	\mathbf{R}
cud1Re1221	$(\bar{u}_1 \gamma_{\mu} u_2)(\bar{d}_2 \gamma^{\mu} d_1)/TeV^2 + hc$	\mathbf{R}
cud1Re1331	$(\bar{u}_1\gamma_{\mu}u_3)(\bar{d}_3\gamma^{\mu}d_1)/TeV^2 + hc$	R
cud1Re2332	$(\bar{u}_2\gamma_{\mu}u_3)(\bar{d}_3\gamma^{\mu}d_2)/TeV^2 + hc$	R
cud1Re2211	$(ar{u}_2\gamma_\mu u_2)(ar{d}_1\gamma^\mu d_1)/TeV^2$	\mathbf{R}
cud1Re3311	$(ar{u}_3\gamma_\mu u_3)(ar{d}_1\gamma^\mu d_1)/TeV^2$	R
cud1Re3322	$(\bar{u}_3\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2$	R
cud1Re1112	$(\bar{u}_1\gamma_\mu u_1)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cud1Re1113	$(\bar{u}_1\gamma_\mu u_1)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	\mathbf{R}
cud1Re1123	$(\bar{u}_1\gamma_{\mu}u_1)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc$	R
cud1Re1212	$(\bar{u}_1 \gamma_{\mu} u_2)(\bar{d}_1 \gamma^{\mu} d_2)/TeV^2 + hc$	R
cud1Re1213	$(\bar{u}_1\gamma_{\mu}u_2)(\bar{d}_1\gamma^{\mu}d_3)/TeV^2 + hc$	\mathbf{R}
cud1Re1222	$(\bar{u}_1\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cud1Re1232	$(\bar{u}_1\gamma_{\mu}u_2)(\bar{d}_3\gamma^{\mu}d_2)/TeV^2 + hc$	R
cud1Re1233	$(\bar{u}_1\gamma_{\mu}u_2)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc$	\mathbf{R}
cud1Re1313	$(\bar{u}_1 \gamma_{\mu} u_3)(\bar{d}_1 \gamma^{\mu} d_3)/TeV^2 + hc$	\mathbf{R}
cud1Re1322	$(\bar{u}_1 \gamma_{\mu} u_3)(\bar{d}_2 \gamma^{\mu} d_2)/TeV^2 + hc$	R
cud1Re1323	$(\bar{u}_1 \gamma_{\mu} u_3)(\bar{d}_2 \gamma^{\mu} d_3)/TeV^2 + hc$	\mathbf{R}
cud1Re1333	$(\bar{u}_1\gamma_{\mu}u_3)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc$	R
cud1Re2223	$(\bar{u}_2\gamma_{\mu}u_2)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc$	R
cud1Re2323	$(\bar{u}_2\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cud1Re3323	$(\bar{u}_3\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
cud1Re1231	$(\bar{u}_1 \gamma_{\mu} u_2)(\bar{d}_3 \gamma^{\mu} d_1)/TeV^2 + hc$	R
cud1Re1223	$(\bar{u}_1\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cud1Re1332	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R
cud1Re1211	$(\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R
cud1Re1311	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R
cud1Re1312	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cud1Re1321	$(\bar{u}_1\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	R

$\begin{array}{c} {\rm cud1Re2112} & (\bar{u}_2\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc \\ {\rm cud1Re2113} & (\bar{u}_2\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc \\ {\rm cud1Re2312} & (\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc \\ {\rm cud1Re2312} & (\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc \\ {\rm cud1Re2312} & (\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc \\ {\rm cud1Re2321} & (\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Re2321} & (\bar{u}_2\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc \\ {\rm cud1Re2321} & (\bar{u}_2\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc \\ {\rm cud1Re2331} & (\bar{u}_2\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc \\ {\rm cud1Re2331} & (\bar{u}_2\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Re2332} & (\bar{u}_2\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Re3312} & (\bar{u}_3\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Re3312} & (\bar{u}_3\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Re3312} & (\bar{u}_3\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1221} & (\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1221} & (\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1233} & (\bar{u}_2\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1233} & (\bar{u}_2\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1123} & (\bar{u}_1\gamma_\mu u_1)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1212} & (\bar{u}_1\gamma_\mu u_1)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1212} & (\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1222} & (\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1222} & (\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1222} & (\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1222} & (\bar{u}_1\gamma_\mu u_2)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1222} & (\bar{u}_1\gamma_\mu u_2)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1223} & (\bar{u}_1\gamma_\mu u_2)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1223} & (\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1323} & (\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1323} & (\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1223} & (\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1223} & (\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1223} & (\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc \\ {\rm cud1Im1223} & (\bar{u}_1\gamma_$	WC name	Operator	Type
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Re2212	$(\bar{u}_2\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Re2213		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Re2311		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Re2312		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Re2313		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Re2321		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Re2322	$(\bar{u}_2\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Re2331	$(\bar{u}_2\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Re2333		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Re3312		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Re3313	$(\bar{u}_3\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1221		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1331		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im2332		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1112		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1113		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1123		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1212		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1213	$i(\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1222	$i(\bar{u}_1\gamma_\mu u_2)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1232		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1233		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1313		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1322		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1323	$i(\bar{u}_1\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1333		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im2223		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im2323		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im3323		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im1231		R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cud1Im1223		R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cud1Im1332	$i(\bar{u}_1\gamma_\mu u_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cud1Im1211	$i(\bar{u}_1\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R
$\begin{array}{lllll} {\rm cud1Im1321} & & & & & & & & & & & & & & & & & & &$	cud1Im1311	$i(\bar{u}_1\gamma_{\mu}u_3)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc$	R
$\begin{array}{llll} {\rm cud1Im2212} & & & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & & & & \\ & {\rm cud1Im2213} & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & & & \\ & {\rm cud1Im2311} & & & & & & & & & & & & & \\ & {\rm cud1Im2311} & & & & & & & & & & & & & \\ & {\rm cud1Im2312} & & & & & & & & & & & & \\ & {\rm cud1Im2312} & & & & & & & & & & & & \\ & {\rm cud1Im2313} & & & & & & & & & & & & \\ & {\rm cud1Im2313} & & & & & & & & & & & \\ & & & & & & & $	cud1Im1312	$i(\bar{u}_1\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
$\begin{array}{lll} {\rm cud1Im2213} & i(\bar{u}_2\gamma_\mu u_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc & {\rm R} \\ {\rm cud1Im2311} & i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc & {\rm R} \\ {\rm cud1Im2312} & i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc & {\rm R} \\ {\rm cud1Im2313} & i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc & {\rm R} \\ \end{array}$	cud1Im1321		R
$\begin{array}{lll} {\rm cud1Im2311} & i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc & {\rm R} \\ {\rm cud1Im2312} & i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc & {\rm R} \\ {\rm cud1Im2313} & i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc & {\rm R} \\ \end{array}$	cud1Im2212		R
cud1Im2312 $i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$ R cud1Im2313 $i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$ R	cud1Im2213		R
cud1Im2313 $i(\bar{u}_2\gamma_{\mu}u_3)(\bar{d}_1\gamma^{\mu}d_3)/TeV^2 + hc$ R	cud1Im2311		R
	cud1Im2312	$i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cud1Im2321 $i(\bar{u}_2\gamma_{\mu}u_3)(\bar{d}_2\gamma^{\mu}d_1)/TeV^2 + hc$ R	cud1Im2313		R
	cud1Im2321	$i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	R

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	WC name	Operator	Type
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im2322	$i(\bar{u}_2\gamma_\mu u_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	$^{\rm R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im2331		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im2333		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im3312	$i(\bar{u}_3\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud1Im3313	$i(\bar{u}_3\gamma_\mu u_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1111		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1122		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1133		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re2222	$(ar{u}_2\gamma_\mu T^A u_2)(ar{d}_2\gamma^\mu T^A d_2)/TeV^2$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re2233	$(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re3333	$(\bar{u}_3\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1221	$(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_1)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1331	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re2332	$(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re2211		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re3311	$(\bar{u}_3\gamma_\mu T^Au_3)(\bar{d}_1\gamma^\mu T^Ad_1)/TeV^2$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re3322	$(\bar{u}_3\gamma_\mu T^Au_3)(\bar{d}_2\gamma^\mu T^Ad_2)/TeV^2$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1112		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1113		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1123	$(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1212	$(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1213		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1222	$(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1232		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1233		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1313		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1322	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1323	$(\bar{u}_1 \gamma_{\mu} T^A u_3) (\bar{d}_2 \gamma^{\mu} T^A d_3) / TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1333	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re2223		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re2323		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re3323	$(\bar{u}_3 \gamma_{\mu} T^A u_3) (\bar{d}_2 \gamma^{\mu} T^A d_3) / TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1231	$(\bar{u}_1 \gamma_{\mu} T^A u_2)(\bar{d}_3 \gamma^{\mu} T^A d_1)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re1223	$(\bar{u}_1 \gamma_{\mu} T^A u_2)(\bar{d}_2 \gamma^{\mu} T^A d_3)/TeV^2 + hc$	${ m R}$
$\begin{array}{llll} {\rm cud8Re1311} & & & & & & & & & & & & & & & & & & $	cud8Re1332	$(\bar{u}_1 \gamma_{\mu} T^A u_3) (\bar{d}_3 \gamma^{\mu} T^A d_2) / TeV^2 + hc$	${ m R}$
$\begin{array}{llll} {\rm cud8Re1312} & & & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & & \\ {\rm cud8Re1321} & & & & & & & & & & & & & & & \\ {\rm cud8Re2212} & & & & & & & & & & & & & & \\ {\rm cud8Re2212} & & & & & & & & & & & & & \\ {\rm cud8Re2213} & & & & & & & & & & & & & \\ {\rm cud8Re2213} & & & & & & & & & & & & & \\ & & & & & $	cud8Re1211	$(\bar{u}_1 \gamma_{\mu} T^A u_2)(\bar{d}_1 \gamma^{\mu} T^A d_1)/TeV^2 + hc$	${ m R}$
$\begin{array}{lll} {\rm cud8Re1321} & & & & & (\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_1)/TeV^2 + hc & {\rm R} \\ {\rm cud8Re2212} & & & & & (\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc & {\rm R} \\ {\rm cud8Re2213} & & & & & & (\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc & {\rm R} \\ \end{array}$	cud8Re1311	$(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_1)/TeV^2 + hc$	${ m R}$
cud8Re2212 $(\bar{u}_2\gamma_{\mu}T^Au_2)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc$ R cud8Re2213 $(\bar{u}_2\gamma_{\mu}T^Au_2)(\bar{d}_1\gamma^{\mu}T^Ad_3)/TeV^2 + hc$ R	cud8Re1312		R
cud8Re2213 $(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc$ R	cud8Re1321		\mathbf{R}
cud8Re2213 $ \begin{array}{ll} (\bar{u}_2\gamma_{\mu}T^Au_2)(\bar{d}_1\gamma^{\mu}T^Ad_3)/TeV^2 + hc & {\bf R} \\ {\bf cud8Re2311} & (\bar{u}_2\gamma_{\mu}T^Au_3)(\bar{d}_1\gamma^{\mu}T^Ad_1)/TeV^2 + hc & {\bf R} \end{array} $	cud8Re2212		R
cud8Re2311 $ (\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_1)/TeV^2 + hc $ R	cud8Re2213	$(\bar{u}_2\gamma_{\mu}T^Au_2)(\bar{d}_1\gamma^{\mu}T^Ad_3)/TeV^2 + hc$	R
	cud8Re2311	$(\bar{u}_2 \gamma_\mu T^A u_3)(\bar{d}_1 \gamma^\mu T^A d_1)/TeV^2 + hc$	R

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	WC name	Operator	Type
$\begin{array}{c} {\rm cud8Re2321} & (\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_1)/TeV^2 + hc \\ {\rm cud8Re2322} & (\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Re2331} & (\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc \\ {\rm cud8Re2333} & (\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc \\ {\rm cud8Re3312} & (\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Re3313} & (\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Re3313} & (\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1221} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_1)/TeV^2 + hc \\ {\rm cud8Im1331} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc \\ {\rm cud8Im1332} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc \\ {\rm cud8Im1333} & i(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1112} & i(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1113} & i(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1123} & i(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1212} & i(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1212} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1222} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1232} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1333} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1322} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm R} & {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm R} & {\rm cud8Im2223} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm R} & {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm R} & {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm R} & {\rm cud8Im1321} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm R} & {\rm cud8Im1321} & i(\bar{u}_1\gamma_\mu T^A u_3)($	cud8Re2312	$(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re2313	$(\bar{u}_2\gamma_{\mu}T^Au_3)(\bar{d}_1\gamma^{\mu}T^Ad_3)/TeV^2 + hc$	R
$\begin{array}{c} {\rm cud8Re2331} & (\bar{u}_2\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_1)/TeV^2 + hc \\ {\rm cud8Re2333} & (\bar{u}_2\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Re3312} & (\bar{u}_3\gamma_\mu T^Au_3)(\bar{d}_1\gamma^\mu T^Ad_2)/TeV^2 + hc \\ {\rm cud8Re3313} & (\bar{u}_3\gamma_\mu T^Au_3)(\bar{d}_1\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1221} & i(\bar{u}_1\gamma_\mu T^Au_2)(\bar{d}_2\gamma^\mu T^Ad_1)/TeV^2 + hc \\ {\rm cud8Im1221} & i(\bar{u}_1\gamma_\mu T^Au_2)(\bar{d}_3\gamma^\mu T^Ad_1)/TeV^2 + hc \\ {\rm cud8Im1331} & i(\bar{u}_1\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_2)/TeV^2 + hc \\ {\rm cud8Im1332} & i(\bar{u}_2\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_2)/TeV^2 + hc \\ {\rm cud8Im1112} & i(\bar{u}_1\gamma_\mu T^Au_1)(\bar{d}_1\gamma^\mu T^Ad_2)/TeV^2 + hc \\ {\rm cud8Im1113} & i(\bar{u}_1\gamma_\mu T^Au_1)(\bar{d}_1\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1123} & i(\bar{u}_1\gamma_\mu T^Au_1)(\bar{d}_1\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1212} & i(\bar{u}_1\gamma_\mu T^Au_2)(\bar{d}_1\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1222} & i(\bar{u}_1\gamma_\mu T^Au_2)(\bar{d}_1\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1223} & i(\bar{u}_1\gamma_\mu T^Au_2)(\bar{d}_1\gamma^\mu T^Ad_2)/TeV^2 + hc \\ {\rm cud8Im1222} & i(\bar{u}_1\gamma_\mu T^Au_2)(\bar{d}_3\gamma^\mu T^Ad_2)/TeV^2 + hc \\ {\rm cud8Im1232} & i(\bar{u}_1\gamma_\mu T^Au_2)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^Au_2)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^Au_2)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1322} & i(\bar{u}_1\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_1)/TeV^2 + hc \\ {\rm cud8Im1321} & i(\bar{u}_1\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_1)/TeV^2 + hc \\ {\rm cud8Im1321} & i(\bar{u}_1\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_1)/TeV^2 + hc \\ {\rm cud8Im1321} & i(\bar{u}_1\gamma_\mu T^Au_3)(\bar{d}_3\gamma^\mu T^Ad_1)/TeV^2 + hc \\ {\rm cud8Im2212} & i(\bar{u}_2\gamma_\mu T^Au_3)(\bar{d}_1\gamma^\mu T^Ad_1)/TeV^2 + hc \\ {\rm $	cud8Re2321		R
$\begin{array}{c} {\rm cud8Re2333} & (\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Re3312} & (\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Re3313} & (\bar{u}_3\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1221} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_1)/TeV^2 + hc \\ {\rm cud8Im1331} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1332} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1332} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1112} & i(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1113} & i(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1123} & i(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1212} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1212} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1222} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1222} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1232} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_3\gamma^\mu T^A d_2)/TeV^2 + hc \\ {\rm cud8Im1233} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1322} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1322} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im2223} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im2223} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im2223} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1323} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \\ {\rm cud8Im1321} & i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc \\ {\rm cud8Im1321} & i(\bar{u}_1\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc \\ {\rm cud8Im221$	cud8Re2322	$(\bar{u}_2\gamma_{\mu}T^Au_3)(\bar{d}_2\gamma^{\mu}T^Ad_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re2331		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re2333		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re3312	$(\bar{u}_3\gamma_{\mu}T^Au_3)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Re3313	$(\bar{u}_3\gamma_{\mu}T^Au_3)(\bar{d}_1\gamma^{\mu}T^Ad_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1221	$i(\bar{u}_1\gamma_{\mu}T^Au_2)(\bar{d}_2\gamma^{\mu}T^Ad_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1331	$i(\bar{u}_1\gamma_{\mu}T^Au_3)(\bar{d}_3\gamma^{\mu}T^Ad_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im2332	$i(\bar{u}_2\gamma_{\mu}T^Au_3)(\bar{d}_3\gamma^{\mu}T^Ad_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1112		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1113		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1123	$i(\bar{u}_1\gamma_\mu T^A u_1)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1212		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1213		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1222	$i(\bar{u}_1\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1232	$i(\bar{u}_1\gamma_{\mu}T^Au_2)(\bar{d}_3\gamma^{\mu}T^Ad_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1233	$i(\bar{u}_1\gamma_{\mu}T^Au_2)(\bar{d}_3\gamma^{\mu}T^Ad_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1313	$i(\bar{u}_1\gamma_{\mu}T^Au_3)(\bar{d}_1\gamma^{\mu}T^Ad_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1322		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1323		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1333		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im2223	$i(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im2323		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im3323	$i(\bar{u}_3\gamma_{\mu}T^Au_3)(\bar{d}_2\gamma^{\mu}T^Ad_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1231	$i(\bar{u}_1\gamma_{\mu}T^Au_2)(\bar{d}_3\gamma^{\mu}T^Ad_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1223		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1332		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cud8Im1211		R
$\begin{array}{llll} {\rm cud8Im1321} & & & & & & & & & & & & & & & & & & &$	cud8Im1311		R
$\begin{array}{llll} {\rm cud8Im2212} & i(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2213} & i(\bar{u}_2\gamma_\mu T^A u_2)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2311} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_1)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2312} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2313} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2321} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_1)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2322} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_2)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2331} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2331} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc & {\rm R} \end{array}$	cud8Im1312	$i(\bar{u}_1\gamma_{\mu}T^Au_3)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc$	R
$\begin{array}{llll} {\rm cud8Im2213} & & & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & & \\ & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & &$	cud8Im1321	$i(\bar{u}_1\gamma_{\mu}T^Au_3)(\bar{d}_2\gamma^{\mu}T^Ad_1)/TeV^2 + hc$	R
$\begin{array}{llll} {\rm cud8Im2213} & & & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & & \\ & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & &$	cud8Im2212	$i(\bar{u}_2\gamma_{\mu}T^Au_2)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc$	R
$\begin{array}{lll} {\rm cud8Im2312} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2313} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2321} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_1)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2322} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_2)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2331} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc & {\rm R} \\ \end{array}$	cud8Im2213	$i(\bar{u}_2\gamma_{\mu}T^Au_2)(\bar{d}_1\gamma^{\mu}T^Ad_3)/TeV^2 + hc$	R
$\begin{array}{lll} {\rm cud8Im2313} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2321} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_1)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2322} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_2)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2331} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc & {\rm R} \\ \end{array}$	cud8Im2311		R
$\begin{array}{lll} {\rm cud8Im2321} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_1)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2322} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_2)/TeV^2 + hc & {\rm R} \\ {\rm cud8Im2331} & i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc & {\rm R} \\ \end{array}$	cud8Im2312	$i(\bar{u}_2\gamma_{\mu}T^Au_3)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc$	R
cud8Im2322 $ i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_2\gamma^\mu T^A d_2)/TeV^2 + hc \qquad \qquad {\rm R} \\ {\rm cud8Im2331} \qquad i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc \qquad \qquad {\rm R} \\ $	cud8Im2313	$i(\bar{u}_2\gamma_{\mu}T^Au_3)(\bar{d}_1\gamma^{\mu}T^Ad_3)/TeV^2 + hc$	${ m R}$
cud8Im2331 $i(\bar{u}_2\gamma_{\mu}T^Au_3)(\bar{d}_3\gamma^{\mu}T^Ad_1)/TeV^2 + hc$ R	cud8Im2321		R
cud8Im2331 $ i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc \qquad \qquad {\rm R} \\ {\rm cud8Im2333} \qquad i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc \qquad \qquad {\rm R} \\ $	cud8Im2322		${ m R}$
cud8Im2333 $i(\bar{u}_2\gamma_{\mu}T^Au_3)(\bar{d}_3\gamma^{\mu}T^Ad_3)/TeV^2 + hc$ R	cud8Im2331	$i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc$	${ m R}$
	cud8Im2333	$i(\bar{u}_2\gamma_\mu T^A u_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc$	R

WC name	Operator	Type
cud8Im3312	$i(\bar{u}_3\gamma_\mu T^Au_3)(\bar{d}_1\gamma^\mu T^Ad_2)/TeV^2 + hc$	R
cud8Im3313	$i(\bar{u}_3\gamma_{\mu}T^Au_3)(\bar{d}_1\gamma^{\mu}T^Ad_3)/TeV^2 + hc$	\mathbf{R}
cleRe1111	$(ar{\ell}_1\gamma_\mu\ell_1)(ar{e}_1\gamma^\mu e_1)/TeV^2$	\mathbf{R}
cleRe1122	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{e}_2\gamma^\mu e_2)/TeV^2$	\mathbf{R}
cleRe1133	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{e}_3\gamma^\mu e_3)/TeV^2$	R
cleRe2222	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{e}_2\gamma^\mu e_2)/TeV^2$	R
cleRe2233	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_3)/TeV^2$	\mathbf{R}
cleRe3333	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2$	\mathbf{R}
cleRe1221	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc$	\mathbf{R}
cleRe1331	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$	\mathbf{R}
cleRe2332	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cleRe2211	$(ar{\ell}_2\gamma_\mu\ell_2)(ar{e}_1\gamma^\mu e_1)/TeV^2$	\mathbf{R}
cleRe3311	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2$	\mathbf{R}
cleRe3322	$(ar{\ell}_3\gamma_\mu\ell_3)(ar{e}_2\gamma^\mu e_2)/TeV^2$	R
cleRe1112	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{e}_1 \gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cleRe1113	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
cleRe1123	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	R
cleRe1212	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{e}_1 \gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cleRe1213	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{e}_1 \gamma^\mu e_3)/TeV^2 + hc$	R
cleRe1222	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{e}_2 \gamma^\mu e_2)/TeV^2 + hc$	R
cleRe1232	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{e}_3 \gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cleRe1233	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{e}_3 \gamma^\mu e_3)/TeV^2 + hc$	R
cleRe1313	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cleRe1322	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{e}_2 \gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cleRe1323	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{e}_2 \gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cleRe1333	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{e}_3 \gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cleRe2223	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cleRe2323	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cleRe3323	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cleRe1231	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{e}_3 \gamma^\mu e_1)/TeV^2 + hc$	\mathbf{R}
cleRe1223	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cleRe1332	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cleRe1211	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc$	\mathbf{R}
cleRe1311	$(\ell_1 \gamma_\mu \ell_3)(\bar{e}_1 \gamma^\mu e_1)/TeV^2 + hc$	R
cleRe1312	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cleRe1321	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc$	\mathbf{R}
cleRe2212	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cleRe2213	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cleRe2311	$(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{e}_1 \gamma^\mu e_1)/TeV^2 + hc$	\mathbf{R}
cleRe2312	$(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{e}_1 \gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cleRe2313	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cleRe2321	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc$	\mathbf{R}

$\begin{array}{llllllllllllllllllllllllllllllllllll$	WC name	Operator	Type
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cleRe2322		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleRe2331	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$	R
cleRe3313	cleRe2333		R
cleIm1221 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc$ R cleIm1331 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$ R cleIm2332 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1112 $i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1113 $i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1113 $i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1212 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1213 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1213 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1223 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1232 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1233 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1333 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1313 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1322 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1323 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1323 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1333 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1323 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2223 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2233 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2333 $i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1231 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1231 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1231 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1321 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$ R cleIm1311 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$ R cleIm1312 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc$ R cleIm2212 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm2312 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm2312 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2312 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2312 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2312 $i(\bar{\ell}_2\gamma_\mu\ell_3)($	cleRe3312		R
cleIm1331 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$ R cleIm2332 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1112 $i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1113 $i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1113 $i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1212 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1213 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1213 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1222 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1232 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1233 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1333 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1333 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1322 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1323 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1333 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1333 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2233 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2233 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2233 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1231 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$ R cleIm1311 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$ R cleIm1311 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1311 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1312 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc$ R cleIm1311 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc$ R cleIm1312 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc$ R cleIm2311 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc$ R cleIm2311 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc$ R cleIm2311 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm2311 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm2311 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm2311 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2311 $i(\bar{\ell}_2\gamma_\mu\ell_3)($	cleRe3313		R
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cleIm1113 $i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{\epsilon}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1223 $i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1212 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1213 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1222 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1232 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_3\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1233 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_3\gamma^\mu e_2)/TeV^2 + hc$ R cleIm1233 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_3\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1313 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\epsilon}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1322 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1323 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1323 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1323 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2223 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2233 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2323 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1323 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1231 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_3\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1232 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1231 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1231 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_2\gamma^\mu e_3)/TeV^2 + hc$ R cleIm1321 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_1\gamma^\mu e_1)/TeV^2 + hc$ R cleIm1311 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_1\gamma^\mu e_1)/TeV^2 + hc$ R cleIm1311 $i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{\epsilon}_1\gamma^\mu e_1)/TeV^2 + hc$ R cleIm1312 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\epsilon}_1\gamma^\mu e_1)/TeV^2 + hc$ R cleIm2212 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm2213 $i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{\epsilon}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm2213 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm2311 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm2312 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm2313 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_1\gamma^\mu e_2)/TeV^2 + hc$ R cleIm2313 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2313 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2313 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_1\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2322 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_3\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2331 $i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{\epsilon}_3\gamma^\mu e_3)/TeV^2 + hc$ R cleIm2331 $i(\bar{\ell}_2\gamma_\mu\ell_3)($	cleIm2332		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1112		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1113	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1123	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cleIm1212	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1213		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1222		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1232	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1233	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1313	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1322		R
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1333	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm2223		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm2323	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm3323		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1231		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1223		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1332		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1211		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1311		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cleIm1312		R
$\begin{array}{llll} \text{CleIm2213} & i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{CleIm2311} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{CleIm2312} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{CleIm2313} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{CleIm2321} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{CleIm2322} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{CleIm2331} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{CleIm2333} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{CleIm2333} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{CleIm3312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{CleIm3313} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \end{array}$	cleIm1321		R
$\begin{array}{llll} \text{cleIm2311} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{cleIm2312} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{cleIm2313} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{cleIm2321} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{cleIm2322} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{cleIm2331} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{cleIm2333} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{cleIm23312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{cleIm3312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{cleIm3313} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \end{array}$	cleIm2212		R
$\begin{array}{llll} \text{cleIm2311} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{cleIm2312} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{cleIm2313} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{cleIm2321} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{cleIm2322} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{cleIm2331} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{cleIm2333} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{cleIm23312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{cleIm3312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{cleIm3313} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \end{array}$	cleIm2213	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
$\begin{array}{llll} \text{CleIm2313} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{CleIm2321} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{CleIm2322} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{CleIm2331} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{CleIm2333} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{CleIm23312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{CleIm3312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{CleIm3313} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \end{array}$	cleIm2311		R
$\begin{array}{lll} {\rm CleIm2321} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc & {\rm R} \\ {\rm cleIm2322} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc & {\rm R} \\ {\rm cleIm2331} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc & {\rm R} \\ {\rm cleIm2333} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc & {\rm R} \\ {\rm cleIm3312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc & {\rm R} \\ {\rm cleIm3313} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & {\rm R} \\ \end{array}$	cleIm2312		R
$\begin{array}{lll} {\rm cleIm2322} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc & {\rm R} \\ {\rm cleIm2331} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc & {\rm R} \\ {\rm cleIm2333} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc & {\rm R} \\ {\rm cleIm3312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc & {\rm R} \\ {\rm cleIm3313} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & {\rm R} \\ \end{array}$	cleIm2313	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
$\begin{array}{lll} \text{cleIm2331} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{cleIm2333} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{cleIm3312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{cleIm3313} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \end{array}$	cleIm2321		R
$\begin{array}{lll} \text{cleIm2331} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc & \text{R} \\ \text{cleIm2333} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \text{cleIm3312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc & \text{R} \\ \text{cleIm3313} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc & \text{R} \\ \end{array}$	cleIm2322		R
cleIm3312 $i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc \qquad \qquad \mathbf{R}$ cleIm3313 $i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc \qquad \qquad \mathbf{R}$	cleIm2331	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$	R
cleIm3313 $i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$ R	cleIm2333		R
	cleIm3312	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	R
cluRe1111 $(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_1\gamma^\mu u_1)/TeV^2 \qquad \qquad {\rm R}$	cleIm3313		R
	cluRe1111	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{u}_1 \gamma^\mu u_1)/TeV^2$	R

WC name	Operator	Type
cluRe1122	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_2\gamma^\mu u_2)/TeV^2$	R
cluRe1133	$(ar{\ell}_1\gamma_\mu\ell_1)(ar{u}_3\gamma^\mu u_3)/TeV^2$	${ m R}$
cluRe2222	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_2\gamma^\mu u_2)/TeV^2$	\mathbf{R}
cluRe2233	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2$	${ m R}$
cluRe3333	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2$	R
cluRe1221	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_2\gamma^\mu u_1)/TeV^2 + hc$	${ m R}$
cluRe1331	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_1)/TeV^2 + hc$	${ m R}$
cluRe2332	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc$	${ m R}$
cluRe2211	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_1)/TeV^2$	${ m R}$
cluRe3311	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2$	R
cluRe3322	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_2)/TeV^2$	R
cluRe1112	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	${ m R}$
cluRe1113	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
cluRe1123	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
cluRe1212	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	${ m R}$
cluRe1213	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
cluRe1222	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{u}_2 \gamma^\mu u_2)/TeV^2 + hc$	R
cluRe1232	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc$	R
cluRe1233	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	R
cluRe1313	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
cluRe1322	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{u}_2 \gamma^\mu u_2)/TeV^2 + hc$	R
cluRe1323	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{u}_2 \gamma^\mu u_3)/TeV^2 + hc$	R
cluRe1333	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{u}_3 \gamma^\mu u_3)/TeV^2 + hc$	R
cluRe2223	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
cluRe2323	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
cluRe3323	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
cluRe1231	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{u}_3 \gamma^\mu u_1)/TeV^2 + hc$	R
cluRe1223	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{u}_2 \gamma^\mu u_3)/TeV^2 + hc$	R
cluRe1332	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{u}_3 \gamma^\mu u_2)/TeV^2 + hc$	R
cluRe1211	$(\bar{\ell}_1 \gamma_\mu \ell_2)(\bar{u}_1 \gamma^\mu u_1)/TeV^2 + hc$	R
cluRe1311	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{u}_1 \gamma^\mu u_1)/TeV^2 + hc$	R
cluRe1312	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
cluRe1321	$(\bar{\ell}_1 \gamma_\mu \ell_3)(\bar{u}_2 \gamma^\mu u_1)/TeV^2 + hc$	R
cluRe2212	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
cluRe2213	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
cluRe2311	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	R
cluRe2312	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
cluRe2313	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
cluRe2321	$(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{u}_2 \gamma^\mu u_1)/TeV^2 + hc$	\mathbf{R}
cluRe2322	$(\bar{\ell}_2 \gamma_\mu \ell_3)(\bar{u}_2 \gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
cluRe2331	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_1)/TeV^2 + hc$	\mathbf{R}
cluRe2333	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	R

cluRe3312 $ (\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc \\ \text{cluRe3313} (\bar{\ell}_3\gamma_\ell\delta_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1221} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_2\gamma^\mu u_1)/TeV^2 + hc \\ \text{cluIm1331} i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1332} i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_1)/TeV^2 + hc \\ \text{cluIm1332} i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc \\ \text{cluIm1112} i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc \\ \text{cluIm1113} i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc \\ \text{cluIm11123} i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc \\ \text{cluIm1212} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc \\ \text{cluIm1213} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc \\ \text{cluIm12123} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc \\ \text{cluIm1223} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1233} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc \\ \text{cluIm1313} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1313} i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm13133} i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1324} i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1325} i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm2223} i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm2223} i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm2223} i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm2223} i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm322} i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm322} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1322} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1321} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1322} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1323} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1321} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1321} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc \\ \text{cluIm1321} i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc \\ \text{cluIm2212} i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc \\ \text{cluIm2212} i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc \\ \text{cluIm2313} i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc \\ \text{cluIm2313} i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + $	WC name	Operator	Type
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cluRe3312		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluRe3313	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1221		\mathbf{R}
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cluIm1331		R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cluIm2332	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cluIm1112		R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cluIm1113	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1123	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1212	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1213	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1222	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1232		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1233	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1313	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1322	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1323	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1333	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm2223	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm2323	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm3323	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1231	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_3\gamma^\mu u_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1223		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1332	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1211	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1311	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1312		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm1321	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm2212		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm2213	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm2311	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm2312	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm2313	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cluIm2321		\mathbf{R}
$\begin{array}{lll} {\rm CluIm2333} & i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc & {\rm R} \\ {\rm cluIm3312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc & {\rm R} \\ {\rm cluIm3313} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc & {\rm R} \\ {\rm cldRe1111} & (\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_1\gamma^\mu d_1)/TeV^2 & {\rm R} \\ {\rm cldRe1122} & (\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_2\gamma^\mu d_2)/TeV^2 & {\rm R} \\ {\rm cldRe1133} & (\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_3\gamma^\mu d_3)/TeV^2 & {\rm R} \end{array}$	cluIm2322	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{lll} {\rm cluIm3312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc & {\rm R} \\ {\rm cluIm3313} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc & {\rm R} \\ {\rm cldRe1111} & (\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_1\gamma^\mu d_1)/TeV^2 & {\rm R} \\ {\rm cldRe1122} & (\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_2\gamma^\mu d_2)/TeV^2 & {\rm R} \\ {\rm cldRe1133} & (\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_3\gamma^\mu d_3)/TeV^2 & {\rm R} \end{array}$	cluIm2331	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_1)/TeV^2 + hc$	${ m R}$
$\begin{array}{lll} {\rm cluIm3312} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc & {\rm R} \\ {\rm cluIm3313} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc & {\rm R} \\ {\rm cldRe1111} & (\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_1\gamma^\mu d_1)/TeV^2 & {\rm R} \\ {\rm cldRe1122} & (\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_2\gamma^\mu d_2)/TeV^2 & {\rm R} \\ {\rm cldRe1133} & (\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_3\gamma^\mu d_3)/TeV^2 & {\rm R} \end{array}$	cluIm2333	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	R
$\begin{array}{lll} {\rm cluIm 3313} & i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc & {\rm R} \\ {\rm cldRe 1111} & (\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_1\gamma^\mu d_1)/TeV^2 & {\rm R} \\ {\rm cldRe 1122} & (\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_2\gamma^\mu d_2)/TeV^2 & {\rm R} \\ {\rm cldRe 1133} & (\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_3\gamma^\mu d_3)/TeV^2 & {\rm R} \end{array}$	cluIm3312	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
cldRe1122 $(\bar{\ell}_1 \gamma_{\mu} \ell_1) (\bar{d}_2 \gamma^{\mu} d_2) / TeV^2$ R cldRe1133 $(\bar{\ell}_1 \gamma_{\mu} \ell_1) (\bar{d}_3 \gamma^{\mu} d_3) / TeV^2$ R	cluIm3313		R
cldRe1122 $(\bar{\ell}_1 \gamma_{\mu} \ell_1) (\bar{d}_2 \gamma^{\mu} d_2) / TeV^2$ R cldRe1133 $(\bar{\ell}_1 \gamma_{\mu} \ell_1) (\bar{d}_3 \gamma^{\mu} d_3) / TeV^2$ R	cldRe1111		R
cldRe1133 $(\bar{\ell}_1 \gamma_\mu \ell_1) (\bar{d}_3 \gamma^\mu d_3) / TeV^2$ R cldRe2222 $(\bar{\ell}_2 \gamma_\mu \ell_2) (\bar{d}_2 \gamma^\mu d_2) / TeV^2$ R	cldRe1122	$(ar{\ell}_1\gamma_\mu\ell_1)(ar{d}_2\gamma^\mu d_2)/TeV^2$	R
cldRe2222 $ (\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_2)/TeV^2 \qquad \qquad {\rm R}$	cldRe1133	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_3\gamma^\mu d_3)/TeV^2$	\mathbf{R}
	cldRe2222	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_2)/TeV^2$	R

WC name	Operator	Type
cldRe2233	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_3\gamma^\mu d_3)/TeV^2$	R
cldRe3333	$(ar{\ell}_3\gamma_\mu\ell_3)(ar{d}_3\gamma^\mu d_3)/TeV^2$	R
cldRe1221	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	R
cldRe1331	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	R
cldRe2332	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R
cldRe2211	$(ar{\ell}_2\gamma_\mu\ell_2)(ar{d}_1\gamma^\mu d_1)/TeV^2$	R
cldRe3311	$(ar{\ell}_3\gamma_\mu\ell_3)(ar{d}_1\gamma^\mu d_1)/TeV^2$	R
cldRe3322	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2$	R
cldRe1112	$(\bar{\ell}_1 \gamma_\mu \ell_1)(\bar{d}_1 \gamma^\mu d_2)/TeV^2 + hc$	R
cldRe1113	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cldRe1123	$(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	\mathbf{R}
cldRe1212	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cldRe1213	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cldRe1222	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cldRe1232	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R
cldRe1233	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	R
cldRe1313	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cldRe1322	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cldRe1323	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cldRe1333	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	R
cldRe2223	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cldRe2323	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cldRe3323	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cldRe1231	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	R
cldRe1223	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cldRe1332	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R
cldRe1211	$(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R
cldRe1311	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R
cldRe1312	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cldRe1321	$(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	\mathbf{R}
cldRe2212	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	\mathbf{R}
cldRe2213	$(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cldRe2311	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	\mathbf{R}
cldRe2312	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	\mathbf{R}
cldRe2313	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cldRe2321	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	\mathbf{R}
cldRe2322	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cldRe2331	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	R
cldRe2333	$(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	\mathbf{R}
cldRe3312	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	\mathbf{R}
cldRe3313	$(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
cldIm1221	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	R

WC name	Operator	Type
cldIm1331	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	R
cldIm2332	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R
cldIm1112	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cldIm1113	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm1123	$i(\bar{\ell}_1\gamma_\mu\ell_1)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm1212	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cldIm1213	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm1222	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cldIm1232	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R
cldIm1233	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm1313	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm1322	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cldIm1323	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm1333	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm2223	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm2323	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm3323	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm1231	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	${ m R}$
cldIm1223	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
cldIm1332	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R
cldIm1211	$i(\bar{\ell}_1\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R
cldIm1311	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	${ m R}$
cldIm1312	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
cldIm1321	$i(\bar{\ell}_1\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	R
cldIm2212	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
cldIm2213	$i(\bar{\ell}_2\gamma_\mu\ell_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm2311	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R
cldIm2312	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
cldIm2313	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm2321	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	R
cldIm2322	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cldIm2331	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	R
cldIm2333	$i(\bar{\ell}_2\gamma_\mu\ell_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	R
cldIm3312	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cldIm3313	$i(\bar{\ell}_3\gamma_\mu\ell_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
cqeRe1111	$(\bar{q}_1\gamma_\mu q_1)(\bar{e}_1\gamma^\mu e_1)/TeV^2$	R
cqeRe1122	$(\bar{q}_1\gamma_\mu q_1)(\bar{e}_2\gamma^\mu e_2)/TeV^2$	R
cqeRe1133	$(\bar{q}_1\gamma_\mu q_1)(\bar{e}_3\gamma^\mu e_3)/TeV^2$	\mathbf{R}
cqeRe2222	$(\bar{q}_2\gamma_\mu q_2)(\bar{e}_2\gamma^\mu e_2)/TeV^2$	\mathbf{R}
cqeRe2233	$(\bar{q}_2\gamma_\mu q_2)(\bar{e}_3\gamma^\mu e_3)/TeV^2$	${ m R}$
cqeRe3333	$(\bar{q}_3\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2$	\mathbf{R}
cqeRe1221	$(\bar{q}_1\gamma_\mu q_2)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc$	R

WC name	Operator	Type
cqeRe1331	$(\bar{q}_1\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$	R
cqeRe2332	$(\bar{q}_2\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cqeRe2211	$(\bar{q}_2\gamma_\mu q_2)(\bar{e}_1\gamma^\mu e_1)/TeV^2$	\mathbf{R}
cqeRe3311	$(\bar{q}_3\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2$	\mathbf{R}
cqeRe3322	$(\bar{q}_3\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_2)/TeV^2$	\mathbf{R}
cqeRe1112	$(\bar{q}_1\gamma_\mu q_1)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cqeRe1113	$(\bar{q}_1\gamma_\mu q_1)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cqeRe1123	$(\bar{q}_1 \gamma_{\mu} q_1)(\bar{e}_2 \gamma^{\mu} e_3)/TeV^2 + hc$	\mathbf{R}
cqeRe1212	$(\bar{q}_1 \gamma_{\mu} q_2)(\bar{e}_1 \gamma^{\mu} e_2)/TeV^2 + hc$	\mathbf{R}
cqeRe1213	$(\bar{q}_1 \gamma_{\mu} q_2)(\bar{e}_1 \gamma^{\mu} e_3)/TeV^2 + hc$	\mathbf{R}
cqeRe1222	$(\bar{q}_1 \gamma_{\mu} q_2)(\bar{e}_2 \gamma^{\mu} e_2)/TeV^2 + hc$	\mathbf{R}
cqeRe1232	$(\bar{q}_1\gamma_{\mu}q_2)(\bar{e}_3\gamma^{\mu}e_2)/TeV^2 + hc$	\mathbf{R}
cqeRe1233	$(\bar{q}_1\gamma_{\mu}q_2)(\bar{e}_3\gamma^{\mu}e_3)/TeV^2 + hc$	\mathbf{R}
cqeRe1313	$(\bar{q}_1 \gamma_{\mu} q_3)(\bar{e}_1 \gamma^{\mu} e_3)/TeV^2 + hc$	\mathbf{R}
cqeRe1322	$(\bar{q}_1 \gamma_{\mu} q_3)(\bar{e}_2 \gamma^{\mu} e_2)/TeV^2 + hc$	\mathbf{R}
cqeRe1323	$(\bar{q}_1\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cqeRe1333	$(\bar{q}_1 \gamma_{\mu} q_3)(\bar{e}_3 \gamma^{\mu} e_3)/TeV^2 + hc$	R
cqeRe2223	$(\bar{q}_2\gamma_{\mu}q_2)(\bar{e}_2\gamma^{\mu}e_3)/TeV^2 + hc$	\mathbf{R}
cqeRe2323	$(\bar{q}_2\gamma_{\mu}q_3)(\bar{e}_2\gamma^{\mu}e_3)/TeV^2 + hc$	\mathbf{R}
cqeRe3323	$(\bar{q}_3\gamma_{\mu}q_3)(\bar{e}_2\gamma^{\mu}e_3)/TeV^2 + hc$	\mathbf{R}
cqeRe1231	$(\bar{q}_1\gamma_\mu q_2)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$	\mathbf{R}
cqeRe1223	$(\bar{q}_1\gamma_\mu q_2)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cqeRe1332	$(\bar{q}_1 \gamma_{\mu} q_3)(\bar{e}_3 \gamma^{\mu} e_2)/TeV^2 + hc$	\mathbf{R}
cqeRe1211	$(\bar{q}_1 \gamma_{\mu} q_2)(\bar{e}_1 \gamma^{\mu} e_1)/TeV^2 + hc$	\mathbf{R}
cqeRe1311	$(\bar{q}_1 \gamma_{\mu} q_3)(\bar{e}_1 \gamma^{\mu} e_1)/TeV^2 + hc$	\mathbf{R}
cqeRe1312	$(\bar{q}_1 \gamma_{\mu} q_3)(\bar{e}_1 \gamma^{\mu} e_2)/TeV^2 + hc$	\mathbf{R}
cqeRe1321	$(\bar{q}_1\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc$	\mathbf{R}
cqeRe2212	$(\bar{q}_2\gamma_\mu q_2)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cqeRe2213	$(\bar{q}_2\gamma_{\mu}q_2)(\bar{e}_1\gamma^{\mu}e_3)/TeV^2 + hc$	R
cqeRe2311	$(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_1)/TeV^2 + hc$	\mathbf{R}
cqeRe2312	$(\bar{q}_2\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cqeRe2313	$(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_1 \gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cqeRe2321	$(\bar{q}_2 \gamma_\mu q_3)(\bar{e}_2 \gamma^\mu e_1)/TeV^2 + hc$	\mathbf{R}
cqeRe2322	$(\bar{q}_2\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc$	\mathbf{R}
cqeRe2331	$(\bar{q}_2\gamma_{\mu}q_3)(\bar{e}_3\gamma^{\mu}e_1)/TeV^2 + hc$	\mathbf{R}
cqeRe2333	$(\bar{q}_2\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$	\mathbf{R}
cqeRe3312	$(\bar{q}_3 \gamma_{\mu} q_3)(\bar{e}_1 \gamma^{\mu} e_2)/TeV^2 + hc$	\mathbf{R}
cqeRe3313	$(\bar{q}_3\gamma_{\mu}q_3)(\bar{e}_1\gamma^{\mu}e_3)/TeV^2 + hc$	\mathbf{R}
cqeIm1221	$i(\bar{q}_1\gamma_\mu q_2)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc$	\mathbf{R}
cqeIm1331	$i(\bar{q}_1\gamma_{\mu}q_3)(\bar{e}_3\gamma^{\mu}e_1)/TeV^2 + hc$	${ m R}$
cqeIm2332	$i(\bar{q}_2\gamma_{\mu}q_3)(\bar{e}_3\gamma^{\mu}e_2)/TeV^2 + hc$	${ m R}$
cqeIm1112	$i(\bar{q}_1\gamma_\mu q_1)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	${ m R}$
cqeIm1113	$i(\bar{q}_1\gamma_{\mu}q_1)(\bar{e}_1\gamma^{\mu}e_3)/TeV^2 + hc$	${ m R}$
cqeIm1123	$i(\bar{q}_1\gamma_{\mu}q_1)(\bar{e}_2\gamma^{\mu}e_3)/TeV^2 + hc$	R

WC name	Operator	Type
cqeIm1212	$i(\bar{q}_1\gamma_\mu q_2)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	R
cqeIm1213	$i(\bar{q}_1\gamma_\mu q_2)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
cqeIm1222	$i(\bar{q}_1\gamma_{\mu}q_2)(\bar{e}_2\gamma^{\mu}e_2)/TeV^2 + hc$	R
cqeIm1232	$i(\bar{q}_1\gamma_{\mu}q_2)(\bar{e}_3\gamma^{\mu}e_2)/TeV^2 + hc$	R
cqeIm1233	$i(\bar{q}_1\gamma_\mu q_2)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$	R
cqeIm1313	$i(\bar{q}_1\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
cqeIm1322	$i(\bar{q}_1\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc$	R
cqeIm1323	$i(\bar{q}_1\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	R
cqeIm1333	$i(\bar{q}_1\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$	R
cqeIm2223	$i(\bar{q}_2\gamma_\mu q_2)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	R
cqeIm2323	$i(\bar{q}_2\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	R
cqeIm3323	$i(\bar{q}_3\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	R
cqeIm1231	$i(\bar{q}_1\gamma_\mu q_2)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$	R
cqeIm1223	$i(\bar{q}_1\gamma_\mu q_2)(\bar{e}_2\gamma^\mu e_3)/TeV^2 + hc$	R
cqeIm1332	$i(\bar{q}_1\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_2)/TeV^2 + hc$	R
cqeIm1211	$i(\bar{q}_1\gamma_\mu q_2)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc$	R
cqeIm1311	$i(\bar{q}_1\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc$	R
cqeIm1312	$i(\bar{q}_1\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	R
cqeIm1321	$i(\bar{q}_1\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc$	R
cqeIm2212	$i(\bar{q}_2\gamma_\mu q_2)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	R
cqeIm2213	$i(\bar{q}_2\gamma_\mu q_2)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
cqeIm2311	$i(\bar{q}_2\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_1)/TeV^2 + hc$	R
cqeIm2312	$i(\bar{q}_2\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	R
cqeIm2313	$i(\bar{q}_2\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
cqeIm2321	$i(\bar{q}_2\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_1)/TeV^2 + hc$	R
cqeIm2322	$i(\bar{q}_2\gamma_\mu q_3)(\bar{e}_2\gamma^\mu e_2)/TeV^2 + hc$	R
cqeIm2331	$i(\bar{q}_2\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_1)/TeV^2 + hc$	R
cqeIm2333	$i(\bar{q}_2\gamma_\mu q_3)(\bar{e}_3\gamma^\mu e_3)/TeV^2 + hc$	R
cqeIm3312	$i(\bar{q}_3\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_2)/TeV^2 + hc$	R
cqeIm3313	$i(\bar{q}_3\gamma_\mu q_3)(\bar{e}_1\gamma^\mu e_3)/TeV^2 + hc$	R
cqu1Re1111	$(\bar{q}_1\gamma_\mu q_1)(\bar{u}_1\gamma^\mu u_1)/TeV^2$	R
cqu1Re1122	$(\bar{q}_1\gamma_\mu q_1)(\bar{u}_2\gamma^\mu u_2)/TeV^2$	R
cqu1Re1133	$(\bar{q}_1\gamma_\mu q_1)(\bar{u}_3\gamma^\mu u_3)/TeV^2$	R
cqu1Re2222	$(\bar{q}_2\gamma_\mu q_2)(\bar{u}_2\gamma^\mu u_2)/TeV^2$	R
cqu1Re2233	$(\bar{q}_2\gamma_\mu q_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2$	R
cqu1Re3333	$(ar{q}_3\gamma_\mu q_3)(ar{u}_3\gamma^\mu u_3)/TeV^2$	R
cqu1Re1221	$(\bar{q}_1 \gamma_{\mu} q_2)(\bar{u}_2 \gamma^{\mu} u_1)/TeV^2 + hc$	R
cqu1Re1331	$(\bar{q}_1\gamma_\mu q_3)(\bar{u}_3\gamma^\mu u_1)/TeV^2 + hc$	\mathbf{R}
cqu1Re2332	$(\bar{q}_2\gamma_\mu q_3)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
cqu1Re2211	$(\bar{q}_2\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_1)/TeV^2$	R
cqu1Re3311	$(\bar{q}_3\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2$	R
cqu1Re3322	$(\bar{q}_3\gamma_\mu q_3)(\bar{u}_2\gamma^\mu u_2)/TeV^2$	R
cqu1Re1112	$(\bar{q}_1\gamma_\mu q_1)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
cqu1Re1113	$(\bar{q}_1\gamma_\mu q_1)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R

$\begin{array}{llll} {\rm cqu1Re1123} & & & & & & & & & & & & & & & & & & &$	WC name	Operator	Type
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cqu1Re1123	$(\bar{q}_1\gamma_\mu q_1)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
$\begin{array}{llll} {\rm cqu1Re1222} & & & & & & & & & & & & & & & & & &$	cqu1Re1212	$(\bar{q}_1\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
$\begin{array}{llll} {\rm cqu1Re1232} & & & & & & & & & & & & & & & & & & &$	cqu1Re1213	$(\bar{q}_1 \gamma_\mu q_2)(\bar{u}_1 \gamma^\mu u_3)/TeV^2 + hc$	R
$\begin{array}{llll} {\rm cqu1Re1233} & & & & & & & & \\ {\rm cqu1Re1313} & & & & & & & \\ {\rm cqu1Re1312} & & & & & & & \\ {\rm cqu1Re1322} & & & & & & \\ {\rm cqu1Re1322} & & & & & & \\ {\rm cqu1Re1322} & & & & & \\ {\rm cqu1Re1323} & & & & & \\ {\rm cqu1Re2223} & & & & & \\ {\rm cqu1Re2223} & & & & & \\ {\rm cqu1Re3232} & & & & \\ {\rm cqu1Re3223} & & & & \\ {\rm cqu1Re3223} & & & & & \\ {\rm cqu1Re1223} & & & & \\ {\rm cqu1Re1322} & & & & \\ {\rm cqu1Re1322} & & & & \\ {\rm cqu1Re1322} & & & & \\ {\rm cqu1Re1321} & & & & \\ {\rm cqu1Re1311} & & & & & \\ {\rm cqu1Re1311} & & & & & \\ {\rm cqu1Re1312} & & & & \\ {\rm cqu1Re1312} & & & & \\ {\rm cqu1Re1312} & & & & \\ {\rm cqu1Re1321} & & & & \\ {\rm cqu1Re2122} & & & & \\ {\rm cqu1Re2122} & & & & \\ {\rm cqu1Re2212} & & & & \\ {\rm cqu1Re2311} & & & & \\ {\rm cqu1Re2312} & & & & \\ {\rm cqu1Re2312} & & & & \\ {\rm cqu1Re2313} & & & & \\ {\rm cqu1Re2313} & & & & \\ {\rm cqu1Re2313} & & & & \\ {\rm cqu1Re2322} & & & & \\ {\rm cqu1Re2322} & & & & \\ {\rm cqu1Re2331} & & & & \\ {\rm cqu1da2} & & & \\ {\rm cqu1da2} & & & & \\ {\rm cqu1da2} & & & & \\ {\rm cqu1da2} $	cqu1Re1222	$(\bar{q}_1\gamma_\mu q_2)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cqu1Re1232	$(\bar{q}_1 \gamma_\mu q_2)(\bar{u}_3 \gamma^\mu u_2)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqu1Re1233		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqu1Re1313		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqu1Re1322	$(\bar{q}_1\gamma_\mu q_3)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	
$\begin{array}{llll} {\rm cqu1Re2223} & & & & & & & & & & & & & & & & & & &$	cqu1Re1323	$(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_2 \gamma^\mu u_3)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqu1Re1333	$(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_3 \gamma^\mu u_3)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqu1Re2223	$(\bar{q}_2\gamma_\mu q_2)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqu1Re2323		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqu1Re3323		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqu1Re1231		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqu1Re1223	$(\bar{q}_1 \gamma_\mu q_2)(\bar{u}_2 \gamma^\mu u_3)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqu1Re1332	$(\bar{q}_1\gamma_{\mu}q_3)(\bar{u}_3\gamma^{\mu}u_2)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	$(\bar{q}_1 \gamma_{\mu} q_2)(\bar{u}_1 \gamma^{\mu} u_1)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	$(\bar{q}_1 \gamma_{\mu} q_3)(\bar{u}_1 \gamma^{\mu} u_1)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	$(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_1 \gamma^\mu u_2)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	$(\bar{q}_1 \gamma_\mu q_3)(\bar{u}_2 \gamma^\mu u_1)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-	$(\bar{q}_2\gamma_{\mu}q_2)(\bar{u}_1\gamma^{\mu}u_2)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-	$(\bar{q}_2\gamma_{\mu}q_2)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	$(\bar{q}_2\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$(\bar{q}_2\gamma_{\mu}q_3)(\bar{u}_1\gamma^{\mu}u_2)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$(\bar{q}_2\gamma_{\mu}q_3)(\bar{u}_2\gamma^{\mu}u_1)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	$(\bar{q}_2\gamma_{\mu}q_3)(\bar{u}_2\gamma^{\mu}u_2)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	$(\bar{q}_2\gamma_{\mu}q_3)(\bar{u}_3\gamma^{\mu}u_1)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	$(\bar{q}_2\gamma_{\mu}q_3)(\bar{u}_3\gamma^{\mu}u_3)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	$(\bar{q}_3\gamma_{\mu}q_3)(\bar{u}_1\gamma^{\mu}u_2)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	$(\bar{q}_3\gamma_{\mu}q_3)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	$i(\bar{q}_1\gamma_{\mu}q_2)(\bar{u}_2\gamma^{\mu}u_1)/TeV^2 + hc$	
$\begin{array}{lllll} {\rm cqu1Im1112} & & & & & & & & & & & & & & & & & & &$		$i(\bar{q}_1\gamma_{\mu}q_3)(\bar{u}_3\gamma^{\mu}u_1)/TeV^2 + hc$	
$\begin{array}{lllll} {\rm cqu1Im1113} & & & & & & & & & & & & & & & & & & &$		$i(\bar{q}_2\gamma_{\mu}q_3)(\bar{u}_3\gamma^{\mu}u_2)/TeV^2 + hc$	
$\begin{array}{lllll} {\rm cqu1Im1123} & & & & & & & & & & & & & & & & & & &$	cqu1Im1112	$i(\bar{q}_1\gamma_{\mu}q_1)(\bar{u}_1\gamma^{\mu}u_2)/TeV^2 + hc$	R
$\begin{array}{lllll} {\rm cqu1Im1212} & & & & & & & & & & & & & & & & & & &$	-	$i(\bar{q}_1\gamma_{\mu}q_1)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	
$\begin{array}{llll} {\rm cqu1Im1213} & & & & & & & & & & & & & & & & & & \\ {\rm cqu1Im1222} & & & & & & & & & & & & & & & & \\ {\rm cqu1Im1222} & & & & & & & & & & & & & & & & \\ {\rm cqu1Im1232} & & & & & & & & & & & & & & & \\ {\rm cqu1Im1232} & & & & & & & & & & & & & & \\ {\rm cqu1Im1233} & & & & & & & & & & & & & & \\ {\rm cqu1Im1233} & & & & & & & & & & & & & & \\ {\rm cqu1Im1313} & & & & & & & & & & & & & & \\ {\rm cqu1Im1313} & & & & & & & & & & & & & & \\ {\rm cqu1Im1313} & & & & & & & & & & & & & \\ \end{array}$		$i(\bar{q}_1\gamma_{\mu}q_1)(\bar{u}_2\gamma^{\mu}u_3)/TeV^2 + hc$	
$\begin{array}{llll} {\rm cqu1Im1222} & & & & & & i(\bar{q}_1\gamma_\mu q_2)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc & & {\rm R} \\ {\rm cqu1Im1232} & & & & & i(\bar{q}_1\gamma_\mu q_2)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc & & {\rm R} \\ {\rm cqu1Im1233} & & & & & i(\bar{q}_1\gamma_\mu q_2)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc & & {\rm R} \\ {\rm cqu1Im1313} & & & & & i(\bar{q}_1\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc & & {\rm R} \\ \end{array}$	-	$i(\bar{q}_1\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	
$\begin{array}{lll} {\rm cqu1Im1232} & i(\bar{q}_1\gamma_{\mu}q_2)(\bar{u}_3\gamma^{\mu}u_2)/TeV^2 + hc & {\rm R} \\ {\rm cqu1Im1233} & i(\bar{q}_1\gamma_{\mu}q_2)(\bar{u}_3\gamma^{\mu}u_3)/TeV^2 + hc & {\rm R} \\ {\rm cqu1Im1313} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc & {\rm R} \\ \end{array}$	-	$i(\bar{q}_1\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	
cqu1Im1233 $i(\bar{q}_1\gamma_{\mu}q_2)(\bar{u}_3\gamma^{\mu}u_3)/TeV^2 + hc$ R cqu1Im1313 $i(\bar{q}_1\gamma_{\mu}q_3)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$ R	-	$i(\bar{q}_1\gamma_\mu q_2)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	
cqu1Im1313 $i(\bar{q}_1\gamma_{\mu}q_3)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$ R	_	$i(\bar{q}_1\gamma_{\mu}q_2)(\bar{u}_3\gamma^{\mu}u_2)/TeV^2 + hc$	
cqu1Im1313 $i(\bar{q}_1\gamma_{\mu}q_3)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$ R cqu1Im1322 $i(\bar{q}_1\gamma_{\mu}q_3)(\bar{u}_2\gamma^{\mu}u_2)/TeV^2 + hc$ R	-	$i(\bar{q}_1\gamma_{\mu}q_2)(\bar{u}_3\gamma^{\mu}u_3)/TeV^2 + hc$	
cqu1Im1322 $i(\bar{q}_1\gamma_{\mu}q_3)(\bar{u}_2\gamma^{\mu}u_2)/TeV^2 + hc$ R		$i(\bar{q}_1\gamma_{\mu}q_3)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	
	cqu1Im1322	$i(\bar{q}_1\gamma_\mu q_3)(\bar{u}_2\gamma^\mu u_2)/TeV^2 + hc$	R

WC name	Operator	Type
cqu1Im1323	$i(\bar{q}_1\gamma_\mu q_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
cqu1Im1333	$i(\bar{q}_1\gamma_\mu q_3)(\bar{u}_3\gamma^\mu u_3)/TeV^2 + hc$	\mathbf{R}
cqu1Im2223	$i(\bar{q}_2\gamma_\mu q_2)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
cqu1Im2323	$i(\bar{q}_2\gamma_\mu q_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
cqu1Im3323	$i(\bar{q}_3\gamma_\mu q_3)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
cqu1Im1231	$i(\bar{q}_1\gamma_\mu q_2)(\bar{u}_3\gamma^\mu u_1)/TeV^2 + hc$	R
cqu1Im1223	$i(\bar{q}_1\gamma_\mu q_2)(\bar{u}_2\gamma^\mu u_3)/TeV^2 + hc$	R
cqu1Im1332	$i(\bar{q}_1\gamma_\mu q_3)(\bar{u}_3\gamma^\mu u_2)/TeV^2 + hc$	R
cqu1Im1211	$i(\bar{q}_1\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	R
cqu1Im1311	$i(\bar{q}_1\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	R
cqu1Im1312	$i(\bar{q}_1\gamma_{\mu}q_3)(\bar{u}_1\gamma^{\mu}u_2)/TeV^2 + hc$	\mathbf{R}
cqu1Im1321	$i(\bar{q}_1\gamma_{\mu}q_3)(\bar{u}_2\gamma^{\mu}u_1)/TeV^2 + hc$	\mathbf{R}
cqu1Im2212	$i(\bar{q}_2\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
cqu1Im2213	$i(\bar{q}_2\gamma_\mu q_2)(\bar{u}_1\gamma^\mu u_3)/TeV^2 + hc$	R
cqu1Im2311	$i(\bar{q}_2\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_1)/TeV^2 + hc$	\mathbf{R}
cqu1Im2312	$i(\bar{q}_2\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	\mathbf{R}
cqu1Im2313	$i(\bar{q}_2\gamma_{\mu}q_3)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	\mathbf{R}
cqu1Im2321	$i(\bar{q}_2\gamma_{\mu}q_3)(\bar{u}_2\gamma^{\mu}u_1)/TeV^2 + hc$	\mathbf{R}
cqu1Im2322	$i(\bar{q}_2\gamma_{\mu}q_3)(\bar{u}_2\gamma^{\mu}u_2)/TeV^2 + hc$	\mathbf{R}
cqu1Im2331	$i(\bar{q}_2\gamma_{\mu}q_3)(\bar{u}_3\gamma^{\mu}u_1)/TeV^2 + hc$	\mathbf{R}
cqu1Im2333	$i(\bar{q}_2\gamma_{\mu}q_3)(\bar{u}_3\gamma^{\mu}u_3)/TeV^2 + hc$	\mathbf{R}
cqu1Im3312	$i(\bar{q}_3\gamma_\mu q_3)(\bar{u}_1\gamma^\mu u_2)/TeV^2 + hc$	R
cqu1Im3313	$i(\bar{q}_3\gamma_{\mu}q_3)(\bar{u}_1\gamma^{\mu}u_3)/TeV^2 + hc$	\mathbf{R}
cqu8Re1111	$(\bar{q}_1\gamma_\mu T^Aq_1)(\bar{u}_1\gamma^\mu T^Au_1)/TeV^2$	\mathbf{R}
cqu8Re1122	$(ar{q}_1\gamma_\mu T^Aq_1)(ar{u}_2\gamma^\mu T^Au_2)/TeV^2$	\mathbf{R}
cqu8Re1133	$(\bar{q}_1\gamma_\mu T^Aq_1)(\bar{u}_3\gamma^\mu T^Au_3)/TeV^2$	\mathbf{R}
cqu8Re2222	$(\bar{q}_2\gamma_\mu T^Aq_2)(\bar{u}_2\gamma^\mu T^Au_2)/TeV^2$	\mathbf{R}
cqu8Re2233	$(\bar{q}_2\gamma_{\mu}T^Aq_2)(\bar{u}_3\gamma^{\mu}T^Au_3)/TeV^2$	\mathbf{R}
cqu8Re3333	$(\bar{q}_{3}\gamma_{\mu}T^{A}q_{3})(\bar{u}_{3}\gamma^{\mu}T^{A}u_{3})/TeV^{2}$	\mathbf{R}
cqu8Re1221	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_2 \gamma^\mu T^A u_1)/TeV^2 + hc$	\mathbf{R}
cqu8Re1331	$(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{u}_3\gamma^{\mu}T^Au_1)/TeV^2 + hc$	\mathbf{R}
cqu8Re2332	$(\bar{q}_2\gamma_\mu T^Aq_3)(\bar{u}_3\gamma^\mu T^Au_2)/TeV^2 + hc$	\mathbf{R}
cqu8Re2211	$(\bar{q}_2\gamma_\mu T^Aq_2)(\bar{u}_1\gamma^\mu T^Au_1)/TeV^2$	\mathbf{R}
cqu8Re3311	$(\bar{q}_3\gamma_\mu T^Aq_3)(\bar{u}_1\gamma^\mu T^Au_1)/TeV^2$	\mathbf{R}
cqu8Re3322	$(\bar{q}_3\gamma_\mu T^Aq_3)(\bar{u}_2\gamma^\mu T^Au_2)/TeV^2$	\mathbf{R}
cqu8Re1112	$(\bar{q}_1\gamma_\mu T^A q_1)(\bar{u}_1\gamma^\mu T^A u_2)/TeV^2 + hc$	\mathbf{R}
cqu8Re1113	$(\bar{q}_1\gamma_{\mu}T^Aq_1)(\bar{u}_1\gamma^{\mu}T^Au_3)/TeV^2 + hc$	\mathbf{R}
cqu8Re1123	$(\bar{q}_1 \gamma_{\mu} T^A q_1) (\bar{u}_2 \gamma^{\mu} T^A u_3) / TeV^2 + hc$	\mathbf{R}
cqu8Re1212	$(\bar{q}_1 \gamma_{\mu} T^A q_2)(\bar{u}_1 \gamma^{\mu} T^A u_2)/TeV^2 + hc$	R
cqu8Re1213	$(\bar{q}_1 \gamma_{\mu} T^A q_2)(\bar{u}_1 \gamma^{\mu} T^A u_3)/TeV^2 + hc$	R
cqu8Re1222	$(\bar{q}_1 \gamma_{\mu} T^A q_2)(\bar{u}_2 \gamma^{\mu} T^A u_2)/TeV^2 + hc$	\mathbf{R}
cqu8Re1232	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_3 \gamma^\mu T^A u_2)/TeV^2 + hc$	\mathbf{R}
cqu8Re1233	$(\bar{q}_1 \gamma_{\mu} T^A q_2)(\bar{u}_3 \gamma^{\mu} T^A u_3)/TeV^2 + hc$	\mathbf{R}
cqu8Re1313	$(\bar{q}_1\gamma_\mu T^Aq_3)(\bar{u}_1\gamma^\mu T^Au_3)/TeV^2 + hc$	R

WC name	Operator	Type
cqu8Re1322	$(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_2\gamma^\mu T^A u_2)/TeV^2 + hc$	R
cqu8Re1323	$(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{u}_2\gamma^{\mu}T^Au_3)/TeV^2 + hc$	R
cqu8Re1333	$(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{u}_3\gamma^{\mu}T^Au_3)/TeV^2 + hc$	${ m R}$
cqu8Re2223	$(\bar{q}_2\gamma_{\mu}T^Aq_2)(\bar{u}_2\gamma^{\mu}T^Au_3)/TeV^2 + hc$	${ m R}$
cqu8Re2323	$(\bar{q}_2\gamma_{\mu}T^Aq_3)(\bar{u}_2\gamma^{\mu}T^Au_3)/TeV^2 + hc$	${ m R}$
cqu8Re3323	$(\bar{q}_3\gamma_{\mu}T^Aq_3)(\bar{u}_2\gamma^{\mu}T^Au_3)/TeV^2 + hc$	${ m R}$
cqu8Re1231	$(\bar{q}_1\gamma_{\mu}T^Aq_2)(\bar{u}_3\gamma^{\mu}T^Au_1)/TeV^2 + hc$	${ m R}$
cqu8Re1223	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_2 \gamma^\mu T^A u_3)/TeV^2 + hc$	${ m R}$
cqu8Re1332	$(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{u}_3\gamma^{\mu}T^Au_2)/TeV^2 + hc$	${ m R}$
cqu8Re1211	$(\bar{q}_1 \gamma_\mu T^A q_2)(\bar{u}_1 \gamma^\mu T^A u_1)/TeV^2 + hc$	${ m R}$
cqu8Re1311	$(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_1)/TeV^2 + hc$	${ m R}$
cqu8Re1312	$(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_2)/TeV^2 + hc$	${ m R}$
cqu8Re1321	$(\bar{q}_1 \gamma_\mu T^A q_3)(\bar{u}_2 \gamma^\mu T^A u_1)/TeV^2 + hc$	${ m R}$
cqu8Re2212	$(\bar{q}_2\gamma_{\mu}T^Aq_2)(\bar{u}_1\gamma^{\mu}T^Au_2)/TeV^2 + hc$	${ m R}$
cqu8Re2213	$(\bar{q}_2\gamma_{\mu}T^Aq_2)(\bar{u}_1\gamma^{\mu}T^Au_3)/TeV^2 + hc$	${ m R}$
cqu8Re2311	$(\bar{q}_2\gamma_{\mu}T^Aq_3)(\bar{u}_1\gamma^{\mu}T^Au_1)/TeV^2 + hc$	${ m R}$
cqu8Re2312	$(\bar{q}_2\gamma_{\mu}T^Aq_3)(\bar{u}_1\gamma^{\mu}T^Au_2)/TeV^2 + hc$	${ m R}$
cqu8Re2313	$(\bar{q}_2 \gamma_\mu T^A q_3)(\bar{u}_1 \gamma^\mu T^A u_3)/TeV^2 + hc$	${ m R}$
cqu8Re2321	$(\bar{q}_2\gamma_{\mu}T^Aq_3)(\bar{u}_2\gamma^{\mu}T^Au_1)/TeV^2 + hc$	${ m R}$
cqu8Re2322	$(\bar{q}_2\gamma_{\mu}T^Aq_3)(\bar{u}_2\gamma^{\mu}T^Au_2)/TeV^2 + hc$	${ m R}$
cqu8Re2331	$(\bar{q}_2\gamma_{\mu}T^Aq_3)(\bar{u}_3\gamma^{\mu}T^Au_1)/TeV^2 + hc$	${ m R}$
cqu8Re2333	$(\bar{q}_2\gamma_{\mu}T^Aq_3)(\bar{u}_3\gamma^{\mu}T^Au_3)/TeV^2 + hc$	${ m R}$
cqu8Re3312	$(\bar{q}_3\gamma_{\mu}T^Aq_3)(\bar{u}_1\gamma^{\mu}T^Au_2)/TeV^2 + hc$	${ m R}$
cqu8Re3313	$(\bar{q}_3\gamma_{\mu}T^Aq_3)(\bar{u}_1\gamma^{\mu}T^Au_3)/TeV^2 + hc$	${ m R}$
cqu8Im1221	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{u}_2\gamma^\mu T^A u_1)/TeV^2 + hc$	${ m R}$
cqu8Im1331	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_3\gamma^\mu T^A u_1)/TeV^2 + hc$	${ m R}$
cqu8Im2332	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_3\gamma^\mu T^A u_2)/TeV^2 + hc$	${ m R}$
cqu8Im1112	$i(\bar{q}_1\gamma_{\mu}T^Aq_1)(\bar{u}_1\gamma^{\mu}T^Au_2)/TeV^2 + hc$	${ m R}$
cqu8Im1113	$i(\bar{q}_1\gamma_{\mu}T^Aq_1)(\bar{u}_1\gamma^{\mu}T^Au_3)/TeV^2 + hc$	${ m R}$
cqu8Im1123	$i(\bar{q}_1\gamma_\mu T^Aq_1)(\bar{u}_2\gamma^\mu T^Au_3)/TeV^2 + hc$	${ m R}$
cqu8Im1212	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{u}_1\gamma^\mu T^A u_2)/TeV^2 + hc$	${ m R}$
cqu8Im1213	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{u}_1\gamma^\mu T^A u_3)/TeV^2 + hc$	${ m R}$
cqu8Im1222	$i(\bar{q}_1\gamma_\mu T^Aq_2)(\bar{u}_2\gamma^\mu T^Au_2)/TeV^2 + hc$	${ m R}$
cqu8Im1232	$i(\bar{q}_1\gamma_{\mu}T^Aq_2)(\bar{u}_3\gamma^{\mu}T^Au_2)/TeV^2 + hc$	${ m R}$
cqu8Im1233	$i(\bar{q}_1\gamma_\mu T^Aq_2)(\bar{u}_3\gamma^\mu T^Au_3)/TeV^2 + hc$	${ m R}$
cqu8Im1313	$i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{u}_1\gamma^{\mu}T^Au_3)/TeV^2 + hc$	${ m R}$
cqu8Im1322	$i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{u}_2\gamma^{\mu}T^Au_2)/TeV^2 + hc$	\mathbf{R}
cqu8Im1323	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_2\gamma^\mu T^A u_3)/TeV^2 + hc$	${ m R}$
cqu8Im1333	$i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{u}_3\gamma^{\mu}T^Au_3)/TeV^2 + hc$	R
cqu8Im2223	$i(\bar{q}_2\gamma_{\mu}T^Aq_2)(\bar{u}_2\gamma^{\mu}T^Au_3)/TeV^2 + hc$	R
cqu8Im2323	$i(\bar{q}_2\gamma_\mu T^Aq_3)(\bar{u}_2\gamma^\mu T^Au_3)/TeV^2 + hc$	R
cqu8Im3323	$i(\bar{q}_3\gamma_\mu T^Aq_3)(\bar{u}_2\gamma^\mu T^Au_3)/TeV^2+hc$	R
cqu8Im1231	$i(\bar{q}_1\gamma_\mu T^Aq_2)(\bar{u}_3\gamma^\mu T^Au_1)/TeV^2 + hc$	R
cqu8Im1223	$i(\bar{q}_1\gamma_\mu T^Aq_2)(\bar{u}_2\gamma^\mu T^Au_3)/TeV^2 + hc$	${ m R}$

WC name	Operator	Type
cqu8Im1332	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_3\gamma^\mu T^A u_2)/TeV^2 + hc$	R
cqu8Im1211	$i(\bar{q}_1\gamma_{\mu}T^Aq_2)(\bar{u}_1\gamma^{\mu}T^Au_1)/TeV^2 + hc$	R
cqu8Im1311	$i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{u}_1\gamma^{\mu}T^Au_1)/TeV^2 + hc$	${ m R}$
cqu8Im1312	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_1\gamma^\mu T^A u_2)/TeV^2 + hc$	R
cqu8Im1321	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{u}_2\gamma^\mu T^A u_1)/TeV^2 + hc$	R
cqu8Im2212	$i(\bar{q}_2\gamma_\mu T^A q_2)(\bar{u}_1\gamma^\mu T^A u_2)/TeV^2 + hc$	${ m R}$
cqu8Im2213	$i(\bar{q}_2\gamma_\mu T^A q_2)(\bar{u}_1\gamma^\mu T^A u_3)/TeV^2 + hc$	${ m R}$
cqu8Im2311	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_1\gamma^\mu T^A u_1)/TeV^2 + hc$	${ m R}$
cqu8Im2312	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_1\gamma^\mu T^A u_2)/TeV^2 + hc$	${ m R}$
cqu8Im2313	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_1\gamma^\mu T^A u_3)/TeV^2 + hc$	${ m R}$
cqu8Im2321	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_2\gamma^\mu T^A u_1)/TeV^2 + hc$	${ m R}$
cqu8Im2322	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_2\gamma^\mu T^A u_2)/TeV^2 + hc$	${ m R}$
cqu8Im2331	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_3\gamma^\mu T^A u_1)/TeV^2 + hc$	${ m R}$
cqu8Im2333	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{u}_3\gamma^\mu T^A u_3)/TeV^2 + hc$	${ m R}$
cqu8Im3312	$i(\bar{q}_3\gamma_\mu T^A q_3)(\bar{u}_1\gamma^\mu T^A u_2)/TeV^2 + hc$	${ m R}$
cqu8Im3313	$i(\bar{q}_3\gamma_\mu T^A\underline{q}_3)(\bar{u}_1\gamma^\mu T^Au_3)/TeV^2 + hc$	${ m R}$
cqd1Re1111	$(ar{q}_1\gamma_\mu q_1)(ar{d}_1\gamma^\mu d_1)/TeV^2$	${ m R}$
cqd1Re1122	$(ar{q}_1\gamma_\mu q_1)(ar{d}_2\gamma^\mu d_2)/TeV^2$	R
cqd1Re1133	$(ar{q}_1\gamma_\mu q_1)(ar{d}_3\gamma^\mu d_3)/TeV^2$	R
cqd1Re2222	$(ar{q}_2\gamma_\mu q_2)(ar{d}_2\gamma^\mu d_2)/TeV^2$	${ m R}$
cqd1Re2233	$(ar{q}_2\gamma_\mu q_2)(ar{d}_3\gamma^\mu d_3)/TeV^2$	${ m R}$
cqd1Re3333	$(\bar{q}_3\gamma_\mu q_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2$	${ m R}$
cqd1Re1221	$(\bar{q}_1\gamma_\mu q_2)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	${ m R}$
cqd1Re1331	$(\bar{q}_1\gamma_\mu q_3)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	${ m R}$
cqd1Re2332	$(\bar{q}_2\gamma_\mu q_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
cqd1Re2211	$(ar{q}_2\gamma_\mu q_2)(ar{d}_1\gamma^\mu d_1)/TeV^2$	${ m R}$
cqd1Re3311	$(ar{q}_3\gamma_\mu q_3)(ar{d}_1\gamma^\mu d_1)/TeV^2$	${ m R}$
cqd1Re3322	$(ar{q}_3\gamma_\mu q_3)(ar{d}_2\gamma^\mu d_2)/TeV^2$	${ m R}$
cqd1Re1112	$(\bar{q}_1\gamma_\mu q_1)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
cqd1Re1113	$(\bar{q}_1 \gamma_{\mu} q_1)(\bar{d}_1 \gamma^{\mu} d_3)/TeV^2 + hc$	${ m R}$
cqd1Re1123	$(\bar{q}_1 \gamma_\mu q_1)(\bar{d}_2 \gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
cqd1Re1212	$(\bar{q}_1\gamma_\mu q_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cqd1Re1213	$(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_1\gamma^{\mu}d_3)/TeV^2 + hc$	R
cqd1Re1222	$(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_2\gamma^{\mu}d_2)/TeV^2 + hc$	R
cqd1Re1232	$(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_3\gamma^{\mu}d_2)/TeV^2 + hc$	R
cqd1Re1233	$(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc$	R
cqd1Re1313	$(\bar{q}_1\gamma_\mu q_2)(\bar{d}_3\gamma^\mu d_3)/TeV$ he $(\bar{q}_1\gamma_\mu q_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cqd1Re1322	$(\bar{q}_1\gamma_\mu q_3)(\bar{d}_1\gamma^\mu d_3)/TeV$ he $(\bar{q}_1\gamma_\mu q_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cqd1Re1323	$(q_1\gamma_\mu q_3)(d_2\gamma^\mu d_2)/TeV + hc$ $(\bar{q}_1\gamma_\mu q_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cqd1Re1333	$(q_1\gamma_\mu q_3)(d_2\gamma d_3)/TeV + hc$ $(\bar{q}_1\gamma_\mu q_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	R
cqd1Re2223	$(q_1\gamma_\mu q_3)(d_3\gamma^\mu d_3)/TeV + hc$ $(\bar{q}_2\gamma_\mu q_2)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
cqd1Re2323	$(q_2\gamma_\mu q_2)(d_2\gamma^\mu d_3)/TeV + hc$ $(\bar{q}_2\gamma_\mu q_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R R
-	$(q_2\gamma_\mu q_3)(a_2\gamma' a_3)/1 eV + iic$	
cqd1Re3323	$(\bar{q}_3\gamma_\mu q_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R

$\begin{array}{c} {\rm cqd1Re1231} & (\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_3\gamma^{\mu}d_1)/TeV^2 + hc \\ {\rm cqd1Re1223} & (\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Re1322} & (\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Re1321} & (\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc \\ {\rm cqd1Re1311} & (\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc \\ {\rm cqd1Re1311} & (\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc \\ {\rm cqd1Re1312} & (\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_2)/TeV^2 + hc \\ {\rm cqd1Re1321} & (\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_2)/TeV^2 + hc \\ {\rm cqd1Re2212} & (\bar{q}_2\gamma_{\mu}q_2)(\bar{d}_1\gamma^{\mu}d_2)/TeV^2 + hc \\ {\rm cqd1Re2213} & (\bar{q}_2\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc \\ {\rm cqd1Re2213} & (\bar{q}_2\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc \\ {\rm cqd1Re2311} & (\bar{q}_2\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_2)/TeV^2 + hc \\ {\rm cqd1Re2312} & (\bar{q}_2\gamma_{\mu}q_3)(\bar{d}_2\gamma^{\mu}d_1)/TeV^2 + hc \\ {\rm cqd1Re2322} & (\bar{q}_2\gamma_{\mu}q_3)(\bar{d}_2\gamma^{\mu}d_1)/TeV^2 + hc \\ {\rm cqd1Re2322} & (\bar{q}_2\gamma_{\mu}q_3)(\bar{d}_2\gamma^{\mu}d_1)/TeV^2 + hc \\ {\rm cqd1Re2333} & (\bar{q}_2\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_1)/TeV^2 + hc \\ {\rm cqd1Re3312} & (\bar{q}_3\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_2)/TeV^2 + hc \\ {\rm cqd1Re3313} & (\bar{q}_3\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Re3313} & (\bar{q}_3\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Im1221} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Im1331} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Im1331} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Im1212} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Im1113} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Im1212} & i(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Im1212} & i(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Im1212} & i(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Im1222} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Im1323} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc \\ {\rm cqd1Im1323$	WC name	Operator	Type
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re1231	$(\bar{q}_1\gamma_\mu q_2)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re1223	$(\bar{q}_1\gamma_\mu q_2)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re1332	$(\bar{q}_1\gamma_\mu q_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re1211	$(\bar{q}_1\gamma_\mu q_2)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re1311	$(\bar{q}_1\gamma_\mu q_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re1312	$(\bar{q}_1\gamma_\mu q_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re1321	$(\bar{q}_1\gamma_\mu q_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re2212	$(\bar{q}_2\gamma_\mu q_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re2213		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re2311	$(\bar{q}_2\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re2312	$(\bar{q}_2\gamma_\mu q_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re2313	$(\bar{q}_2\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_3)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re2321	$(\bar{q}_2 \gamma_{\mu} q_3) (\bar{d}_2 \gamma^{\mu} d_1) / TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re2322	$(\bar{q}_2\gamma_\mu q_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re2331		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re2333	$(\bar{q}_2 \gamma_{\mu} q_3) (\bar{d}_3 \gamma^{\mu} d_3) / TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re3312	$(\bar{q}_3\gamma_\mu q_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Re3313	$(\bar{q}_3\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1221	$i(\bar{q}_1\gamma_\mu q_2)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1331	$i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im2332	$i(\bar{q}_2\gamma_\mu q_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1112	$i(\bar{q}_1\gamma_\mu q_1)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1113	$i(\bar{q}_1\gamma_\mu q_1)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1123	$i(\bar{q}_1\gamma_\mu q_1)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1212	$i(\bar{q}_1\gamma_\mu q_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1213	$i(\bar{q}_1\gamma_\mu q_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1222		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1232		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1233	$i(\bar{q}_1\gamma_\mu q_2)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1313		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1322		\mathbf{R}
$\begin{array}{lllll} {\rm cqd1Im1333} & & & & & & & & & & & & & & & & & &$	cqd1Im1323	$i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd1Im1333	$i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_3)/TeV^2 + hc$	R
$\begin{array}{llll} {\rm cqd1Im3323} & & & & & & & & & & & & & & & & & & \\ & {\rm cqd1Im1231} & & & & & & & & & & & & & & & & \\ & {\rm cqd1Im1231} & & & & & & & & & & & & & & & \\ & {\rm cqd1Im1231} & & & & & & & & & & & & & & \\ & {\rm cqd1Im1223} & & & & & & & & & & & & & \\ & {\rm cqd1Im1223} & & & & & & & & & & & & & \\ & {\rm cqd1Im1332} & & & & & & & & & & & & \\ & {\rm cqd1Im1332} & & & & & & & & & & & & & \\ & {\rm cqd1Im1211} & & & & & & & & & & & & & \\ & {\rm cqd1Im1211} & & & & & & & & & & & & \\ & {\rm cqd1Im1311} & & & & & & & & & & & & \\ & {\rm cqd1Im1311} & & & & & & & & & & & & \\ & & {\rm cqd1Im1311} & & & & & & & & & & & \\ & & {\rm cqd1Im1311} & & & & & & & & & & \\ \end{array}$	cqd1Im2223		R
$\begin{array}{llll} {\rm cqd1Im3323} & & & & & & & & & & & & & & & & & & \\ & {\rm cqd1Im1231} & & & & & & & & & & & & & & & & \\ & {\rm cqd1Im1231} & & & & & & & & & & & & & & & \\ & {\rm cqd1Im1231} & & & & & & & & & & & & & & \\ & {\rm cqd1Im1223} & & & & & & & & & & & & & \\ & {\rm cqd1Im1223} & & & & & & & & & & & & & \\ & {\rm cqd1Im1332} & & & & & & & & & & & & \\ & {\rm cqd1Im1332} & & & & & & & & & & & & & \\ & {\rm cqd1Im1211} & & & & & & & & & & & & & \\ & {\rm cqd1Im1211} & & & & & & & & & & & & \\ & {\rm cqd1Im1311} & & & & & & & & & & & & \\ & {\rm cqd1Im1311} & & & & & & & & & & & & \\ & & {\rm cqd1Im1311} & & & & & & & & & & & \\ & & {\rm cqd1Im1311} & & & & & & & & & & \\ \end{array}$	cqd1Im2323		${ m R}$
$\begin{array}{lll} {\rm cqd1Im1223} & i(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc & {\rm R} \\ {\rm cqd1Im1332} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_2)/TeV^2 + hc & {\rm R} \\ {\rm cqd1Im1211} & i(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd1Im1311} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc & {\rm R} \\ \end{array}$	cqd1Im3323	$i(\bar{q}_3\gamma_\mu q_3)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
$\begin{array}{lll} {\rm cqd1Im1223} & i(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_2\gamma^{\mu}d_3)/TeV^2 + hc & {\rm R} \\ {\rm cqd1Im1332} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_2)/TeV^2 + hc & {\rm R} \\ {\rm cqd1Im1211} & i(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd1Im1311} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc & {\rm R} \\ \end{array}$	cqd1Im1231	$i(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_3\gamma^{\mu}d_1)/TeV^2 + hc$	${ m R}$
$\begin{array}{lll} {\rm cqd1Im1332} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_3\gamma^{\mu}d_2)/TeV^2 + hc & {\rm R} \\ {\rm cqd1Im1211} & i(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd1Im1311} & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc & {\rm R} \\ \end{array}$	cqd1Im1223	$i(\bar{q}_1\gamma_\mu q_2)(\bar{d}_2\gamma^\mu d_3)/TeV^2 + hc$	R
$\begin{array}{lll} {\rm cqd1Im1211} & & i(\bar{q}_1\gamma_{\mu}q_2)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd1Im1311} & & i(\bar{q}_1\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_1)/TeV^2 + hc & {\rm R} \\ \end{array}$	cqd1Im1332	$i(\bar{q}_1\gamma_\mu q_3)(\bar{d}_3\gamma^\mu d_2)/TeV^2 + hc$	R
cqd1Im1311 $i(\bar{q}_1\gamma_\mu q_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$ R	cqd1Im1211	$i(\bar{q}_1\gamma_\mu q_2)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R
	cqd1Im1311	$i(\bar{q}_1\gamma_\mu q_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R
	cqd1Im1312		R

		Type
cqd1Im1321	$i(\bar{q}_1\gamma_\mu q_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	${ m R}$
cqd1Im2212	$i(\bar{q}_2\gamma_\mu q_2)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	R
cqd1Im2213	$i(\bar{q}_2\gamma_\mu q_2)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	R
cqd1Im2311	$i(\bar{q}_2\gamma_\mu q_3)(\bar{d}_1\gamma^\mu d_1)/TeV^2 + hc$	R
cqd1Im2312	$i(\bar{q}_2\gamma_\mu q_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
cqd1Im2313	$i(\bar{q}_2\gamma_{\mu}q_3)(\bar{d}_1\gamma^{\mu}d_3)/TeV^2 + hc$	${ m R}$
cqd1Im2321	$i(\bar{q}_2\gamma_\mu q_3)(\bar{d}_2\gamma^\mu d_1)/TeV^2 + hc$	${ m R}$
cqd1Im2322	$i(\bar{q}_2\gamma_\mu q_3)(\bar{d}_2\gamma^\mu d_2)/TeV^2 + hc$	R
cqd1Im2331	$i(\bar{q}_2\gamma_\mu q_3)(\bar{d}_3\gamma^\mu d_1)/TeV^2 + hc$	${ m R}$
cqd1Im2333	$i(\bar{q}_2\gamma_\mu q_3)(\bar{d}_3\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
cqd1Im3312	$i(\bar{q}_3\gamma_\mu q_3)(\bar{d}_1\gamma^\mu d_2)/TeV^2 + hc$	${ m R}$
cqd1Im3313	$i(\bar{q}_3\gamma_\mu q_3)(\bar{d}_1\gamma^\mu d_3)/TeV^2 + hc$	${ m R}$
cqd8Re1111	$(\bar{q}_1\gamma_\mu T^Aq_1)(\bar{d}_1\gamma^\mu T^Ad_1)/TeV^2$	${ m R}$
cqd8Re1122	$(\bar{q}_1\gamma_\mu T^Aq_1)(\bar{d}_2\gamma^\mu T^Ad_2)/TeV^2$	${ m R}$
cqd8Re1133	$(\bar{q}_1\gamma_\mu T^Aq_1)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2$	${ m R}$
cqd8Re2222	$(ar{q}_2\gamma_\mu T^Aq_2)(ar{d}_2\gamma^\mu T^Ad_2)/TeV^2$	R
cqd8Re2233	$(ar{q}_2\gamma_\mu T^Aq_2)(ar{d}_3\gamma^\mu T^Ad_3)/TeV^2$	R
cqd8Re3333	$(\bar{q}_3\gamma_\mu T^Aq_3)(\bar{d}_3\gamma^\mu T^Ad_3)/TeV^2$	\mathbf{R}
cqd8Re1221	$(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_2\gamma^\mu T^A d_1)/TeV^2 + hc$	R
cqd8Re1331	$(\bar{q}_1 \gamma_{\mu} T^A q_3) (\bar{d}_3 \gamma^{\mu} T^A d_1) / TeV^2 + hc$	R
cqd8Re2332	$(\bar{q}_2 \gamma_\mu T^A q_3) (\bar{d}_3 \gamma^\mu T^A d_2) / TeV^2 + hc$	R
cqd8Re2211	$(ar{q}_2\gamma_\mu T^Aq_2)(ar{d}_1\gamma^\mu T^Ad_1)/TeV^2$	R
cqd8Re3311	$(\bar{q}_3\gamma_\mu T^Aq_3)(\bar{d}_1\gamma^\mu T^Ad_1)/TeV^2$	R
cqd8Re3322	$(\bar{q}_3\gamma_\mu T^Aq_3)(\bar{d}_2\gamma^\mu T^Ad_2)/TeV^2$	R
cqd8Re1112	$(\bar{q}_1 \gamma_{\mu} T^A q_1) (\bar{d}_1 \gamma^{\mu} T^A d_2) / TeV^2 + hc$	R
cqd8Re1113	$(\bar{q}_1 \gamma_{\mu} T^A q_1) (\bar{d}_1 \gamma^{\mu} T^A d_3) / TeV^2 + hc$	R
cqd8Re1123	$(\bar{q}_1 \gamma_{\mu} T^A q_1) (\bar{d}_2 \gamma^{\mu} T^A d_3) / TeV^2 + hc$	R
cqd8Re1212	$(\bar{q}_1 \gamma_{\mu} T^A q_2)(\bar{d}_1 \gamma^{\mu} T^A d_2)/TeV^2 + hc$	R
cqd8Re1213	$(\bar{q}_1 \gamma_{\mu} T^A q_2)(\bar{d}_1 \gamma^{\mu} T^A d_3)/TeV^2 + hc$	R
cqd8Re1222	$(\bar{q}_1\gamma_\mu T^Aq_2)(\bar{d}_2\gamma^\mu T^Ad_2)/TeV^2 + hc$	R
cqd8Re1232	$(\bar{q}_1\gamma_\mu T^Aq_2)(\bar{d}_3\gamma^\mu T^Ad_2)/TeV^2 + hc$	R
cqd8Re1233	$(\bar{q}_1 \gamma_{\mu} T^A q_2)(\bar{d}_3 \gamma^{\mu} T^A d_3)/TeV^2 + hc$	R
cqd8Re1313	$(\bar{q}_1 \gamma_{\mu} T^A q_3) (\bar{d}_1 \gamma^{\mu} T^A d_3) / TeV^2 + hc$	R
cqd8Re1322	$(\bar{q}_1 \gamma_{\mu} T^A q_3) (\bar{d}_2 \gamma^{\mu} T^A d_2) / TeV^2 + hc$	R
cqd8Re1323	$(\bar{q}_1 \gamma_{\mu} T^A q_3) (\bar{d}_2 \gamma^{\mu} T^A d_3) / TeV^2 + hc$	R
cqd8Re1333	$(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc$	R
cqd8Re2223	$(\bar{q}_2 \gamma_{\mu} T^A q_2) (\bar{d}_2 \gamma^{\mu} T^A d_3) / TeV^2 + hc$	R
cqd8Re2323	$(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc$	R
cqd8Re3323	$(\bar{q}_3\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc$	R
cqd8Re1231	$(\bar{q}_1\gamma_\mu T^Aq_2)(\bar{d}_3\gamma^\mu T^Ad_1)/TeV^2 + hc$	R
cqd8Re1223	$(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc$	R
cqd8Re1332	$(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_3\gamma^\mu T^A d_2)/TeV^2 + hc$	R

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	WC name	Operator	Type
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Re1211		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Re1311		\mathbf{R}
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cqd8Re1312	$(\bar{q}_1 \gamma_{\mu} T^A q_3) (\bar{d}_1 \gamma^{\mu} T^A d_2) / TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cqd8Re1321		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Re2212	$(\bar{q}_2\gamma_\mu T^A q_2)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cqd8Re2213	$(\bar{q}_2 \gamma_\mu T^A q_2)(\bar{d}_1 \gamma^\mu T^A d_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Re2311		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Re2312		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Re2313		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Re2321		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Re2322		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Re2331	$(\bar{q}_2\gamma_{\mu}T^Aq_3)(\bar{d}_3\gamma^{\mu}T^Ad_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Re2333		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Re3312		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Re3313		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1221		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1331		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im2332		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1112	$i(\bar{q}_1\gamma_\mu T^A q_1)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1113		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1123		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1212		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1213	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1222		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1232		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1233	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1313		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1322	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_2)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1323	$i(\bar{q}_1\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im1333		R
$\begin{array}{lll} {\rm cqd8Im3323} & i(\bar{q}_3\gamma_\mu T^Aq_3)(\bar{d}_2\gamma^\mu T^Ad_3)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1231} & i(\bar{q}_1\gamma_\mu T^Aq_2)(\bar{d}_3\gamma^\mu T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1223} & i(\bar{q}_1\gamma_\mu T^Aq_2)(\bar{d}_2\gamma^\mu T^Ad_3)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1332} & i(\bar{q}_1\gamma_\mu T^Aq_3)(\bar{d}_3\gamma^\mu T^Ad_2)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1211} & i(\bar{q}_1\gamma_\mu T^Aq_2)(\bar{d}_1\gamma^\mu T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1311} & i(\bar{q}_1\gamma_\mu T^Aq_3)(\bar{d}_1\gamma^\mu T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1312} & i(\bar{q}_1\gamma_\mu T^Aq_3)(\bar{d}_1\gamma^\mu T^Ad_2)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1321} & i(\bar{q}_1\gamma_\mu T^Aq_3)(\bar{d}_2\gamma^\mu T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1321} & i(\bar{q}_1\gamma_\mu T^Aq_3)(\bar{d}_2\gamma^\mu T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im2212} & i(\bar{q}_2\gamma_\mu T^Aq_2)(\bar{d}_1\gamma^\mu T^Ad_2)/TeV^2 + hc & {\rm R} \end{array}$	cqd8Im2223		R
$\begin{array}{llll} {\rm cqd8Im1231} & & & & & & & & & & & & & & & & & & \\ {\rm cqd8Im1223} & & & & & & & & & & & & & & & & & \\ {\rm cqd8Im1223} & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & & & \\ {\rm cqd8Im1332} & & & & & & & & & & & & & & \\ {\rm cqd8Im1332} & & & & & & & & & & & & & & \\ {\rm cqd8Im1332} & & & & & & & & & & & & & \\ {\rm cqd8Im1211} & & & & & & & & & & & & & \\ {\rm cqd8Im1211} & & & & & & & & & & & & & \\ {\rm cqd8Im1311} & & & & & & & & & & & & \\ {\rm cqd8Im1311} & & & & & & & & & & & & \\ {\rm cqd8Im1312} & & & & & & & & & & \\ {\rm cqd8Im1312} & & & & & & & & & & \\ {\rm cqd8Im1321} & & & & & & & & & & \\ {\rm cqd8Im1321} & & & & & & & & & \\ {\rm cqd8Im1321} & & & & & & & & & \\ {\rm cqd8Im2212} & & & & & & & & \\ {\rm cqd8Im2212} & & & & & & & & \\ \end{array}$	cqd8Im2323	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc$	R
$\begin{array}{lll} {\rm cqd8Im1223} & i(\bar{q}_1\gamma_{\mu}T^Aq_2)(\bar{d}_2\gamma^{\mu}T^Ad_3)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1332} & i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{d}_3\gamma^{\mu}T^Ad_2)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1211} & i(\bar{q}_1\gamma_{\mu}T^Aq_2)(\bar{d}_1\gamma^{\mu}T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1311} & i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{d}_1\gamma^{\mu}T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1312} & i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1321} & i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{d}_2\gamma^{\mu}T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im2212} & i(\bar{q}_2\gamma_{\mu}T^Aq_2)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc & {\rm R} \\ \end{array}$	cqd8Im3323	$i(\bar{q}_3\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_3)/TeV^2 + hc$	R
$\begin{array}{lll} {\rm cqd8Im1332} & i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{d}_3\gamma^{\mu}T^Ad_2)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1211} & i(\bar{q}_1\gamma_{\mu}T^Aq_2)(\bar{d}_1\gamma^{\mu}T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1311} & i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{d}_1\gamma^{\mu}T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1312} & i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1321} & i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{d}_2\gamma^{\mu}T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im2212} & i(\bar{q}_2\gamma_{\mu}T^Aq_2)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc & {\rm R} \\ \end{array}$	cqd8Im1231	$i(\bar{q}_1\gamma_\mu T^A q_2)(\bar{d}_3\gamma^\mu T^A d_1)/TeV^2 + hc$	R
$\begin{array}{lll} {\rm cqd8Im1211} & & & & & & i(\bar{q}_1\gamma_\mu T^Aq_2)(\bar{d}_1\gamma^\mu T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1311} & & & & & i(\bar{q}_1\gamma_\mu T^Aq_3)(\bar{d}_1\gamma^\mu T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1312} & & & & & i(\bar{q}_1\gamma_\mu T^Aq_3)(\bar{d}_1\gamma^\mu T^Ad_2)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1321} & & & & & i(\bar{q}_1\gamma_\mu T^Aq_3)(\bar{d}_2\gamma^\mu T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im2212} & & & & i(\bar{q}_2\gamma_\mu T^Aq_2)(\bar{d}_1\gamma^\mu T^Ad_2)/TeV^2 + hc & {\rm R} \\ \end{array}$	cqd8Im1223		R
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	cqd8Im1332		\mathbf{R}
$\begin{array}{lll} {\rm cqd8Im1312} & i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im1321} & i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{d}_2\gamma^{\mu}T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im2212} & i(\bar{q}_2\gamma_{\mu}T^Aq_2)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc & {\rm R} \\ \end{array}$	cqd8Im1211		R
$\begin{array}{lll} {\rm cqd8Im1321} & & i(\bar{q}_1\gamma_{\mu}T^Aq_3)(\bar{d}_2\gamma^{\mu}T^Ad_1)/TeV^2 + hc & {\rm R} \\ {\rm cqd8Im2212} & & i(\bar{q}_2\gamma_{\mu}T^Aq_2)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc & {\rm R} \\ \end{array}$	cqd8Im1311		R
cqd8Im2212 $i(\bar{q}_2\gamma_{\mu}T^Aq_2)(\bar{d}_1\gamma^{\mu}T^Ad_2)/TeV^2 + hc$ R	cqd8Im1312		R
	cqd8Im1321		R
cqd8Im2213 $i(\bar{q}_2\gamma_\mu T^Aq_2)(\bar{d}_1\gamma^\mu T^Ad_3)/TeV^2 + hc \qquad \qquad {\rm R}$	cqd8Im2212		R
	cqd8Im2213	$i(\bar{q}_2\gamma_\mu T^A q_2)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc$	\mathbf{R}

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	WC name	Operator	Type
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im2311	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_1\gamma^\mu T^A d_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im2312	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_1\gamma^\mu T^A d_2)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im2313		${ m R}$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im2321	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_2\gamma^\mu T^A d_1)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im2322		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im2331		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im2333	$i(\bar{q}_2\gamma_\mu T^A q_3)(\bar{d}_3\gamma^\mu T^A d_3)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im3312		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cqd8Im3313	$i(\bar{q}_3\gamma_\mu T^A q_3)(\bar{d}_1\gamma^\mu T^A d_3)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1111	$(\bar{\ell}_{1}^{I}e_{1})(\bar{d}_{1}q_{1}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1112		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1113	$(\bar{\ell}_{1}^{I}e_{1})(\bar{d}_{1}q_{3}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1121	$(\bar{\ell}_{1}^{I}e_{1})(\bar{d}_{2}q_{1}^{I})/TeV^{2}+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1122	$(\bar{\ell}_{1}^{I}e_{1})(\bar{d}_{2}q_{2}^{I})/TeV^{2}+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1123	$(\bar{\ell}_{1}^{I}e_{1})(\bar{d}_{2}q_{3}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1131	$(\bar{\ell}_1^I e_1)(\bar{d}_3 q_1^I)/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1132	$(\bar{\ell}_{1}^{I}e_{1})(\bar{d}_{3}q_{2}^{I})/TeV^{2}+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1133	$(\bar{\ell}_1^I e_1)(\bar{d}_3 q_3^I)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1211		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1212	$(\bar{\ell}_{1}^{I}e_{2})(\bar{d}_{1}q_{2}^{I})/TeV^{2}+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$(ar{\ell}_{1}^{I}e_{2})(ar{d}_{1}q_{3}^{I})/TeV^{2}+hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1221		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1222	$(\bar{\ell}_{1}^{I}e_{2})(\bar{d}_{2}q_{2}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1223		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1231	$(\bar{\ell}_{1}^{I}e_{2})(\bar{d}_{3}q_{1}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1232	$(\bar{\ell}_{1}^{I}e_{2})(\bar{d}_{3}q_{2}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1233	$(ar{\ell}_{1}^{I}e_{2})(ar{d}_{3}q_{3}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1311	$(\bar{\ell}_{1}^{I}e_{3})(\bar{d}_{1}q_{1}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1312	$(\bar{\ell}_{1}^{I}e_{3})(\bar{d}_{1}q_{2}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1313	$(ar{\ell}_{1}^{I}e_{3})(ar{d}_{1}q_{3}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1321		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1322	$(\bar{\ell}_{1}^{I}e_{3})(\bar{d}_{2}q_{2}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1323		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe1331	$(ar{\ell}_{1}^{I}e_{3})(ar{d}_{3}q_{1}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{llll} \text{cledqRe2111} & & & & & & & & & & & & & & & & & &$	cledqRe1332		${ m R}$
$\begin{array}{lll} {\tt cledqRe2112} & & & & (\bar{\ell_2^J}e_1)(\bar{d}_1q_2^J)/TeV^2 + hc & & {\tt R} \\ {\tt cledqRe2113} & & & & (\bar{\ell_2^J}e_1)(\bar{d}_1q_3^J)/TeV^2 + hc & & {\tt R} \\ {\tt cledqRe2121} & & & & (\bar{\ell_2^J}e_1)(\bar{d}_2q_1^I)/TeV^2 + hc & & {\tt R} \\ {\tt cledqRe2122} & & & & & (\bar{\ell_2^J}e_1)(\bar{d}_2q_2^J)/TeV^2 + hc & & {\tt R} \\ \end{array}$	cledqRe1333	$(\bar{\ell}_{1}^{I}e_{3})(\bar{d}_{3}q_{3}^{I})/TeV^{2}+hc$	${ m R}$
$ \begin{array}{lll} {\tt cledqRe2113} & & & & (\bar{\ell}_2^{\bar{I}}e_1)(\bar{d}_1q_3^{\bar{I}})/TeV^2 + hc & & {\tt R} \\ {\tt cledqRe2121} & & & & (\bar{\ell}_2^{\bar{I}}e_1)(\bar{d}_2q_1^{\bar{I}})/TeV^2 + hc & & {\tt R} \\ {\tt cledqRe2122} & & & & (\bar{\ell}_2^{\bar{I}}e_1)(\bar{d}_2q_2^{\bar{I}})/TeV^2 + hc & & {\tt R} \\ \end{array} $	cledqRe2111	$(\bar{\ell}_{2}^{I}e_{1})(\bar{d}_{1}q_{1}^{I})/TeV^{2}+hc$	${ m R}$
cledqRe2121 $(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{1}^{\bar{I}})/TeV^{2} + hc$ R cledqRe2122 $(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{2}^{\bar{I}})/TeV^{2} + hc$ R	cledqRe2112		R
cledqRe2121 $(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{1}^{\bar{I}})/TeV^{2} + hc$ R cledqRe2122 $(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{2}^{\bar{I}})/TeV^{2} + hc$ R	cledqRe2113		R
cledqRe2122 $(ar{\ell_2^I}e_1)(ar{d}_2q_2^I)/TeV^2+hc$ R	cledqRe2121		R
		$(\bar{\ell}_{2}^{I}e_{1})(\bar{d}_{2}q_{2}^{I})/TeV^{2}+hc$	R
	cledqRe2123	$(\bar{\ell}_2^I e_1)(\bar{d}_2 q_3^I)/TeV^2 + hc$	R

WC name	Operator	Type
cledqRe2131	$(\bar{\ell}_2^I e_1)(\bar{d}_3 q_1^I)/TeV^2 + hc$	R
cledqRe2132	$(\bar{\ell}_{2}^{I}e_{1})(\bar{d}_{3}q_{2}^{I})/TeV^{2}+hc$	${ m R}$
cledqRe2133	$(\bar{\ell}_{2}^{I}e_{1})(\bar{d}_{3}q_{3}^{I})/TeV^{2} + hc$	R
cledqRe2211	$(\overline{\ell_1^2}e_2)(\overline{d_1}q_1^2)/TeV^2 + hc$	R
cledqRe2212	$(\overline{\ell_2^I}e_2)(\overline{d_1}q_2^I)/TeV^2 + hc$	R
cledqRe2213	$(\bar{\ell}_{2}^{I}e_{2})(\bar{d}_{1}q_{3}^{I})/TeV^{2}+hc$	R
cledqRe2221	$(\bar{\ell}_1^{\tilde{I}}e_2)(\bar{d}_2q_1^{\tilde{I}})/TeV^2 + hc$	R
cledqRe2222	$(\bar{\ell}_2^{\tilde{I}}e_2)(\bar{d}_2q_2^{\tilde{I}})/TeV^2 + hc$	R
cledqRe2223	$(\overline{\ell_2^I}e_2)(\overline{d_2}q_3^I)/TeV^2 + hc$	R
cledqRe2231	$(\bar{\ell}_2^{I}e_2)(\bar{d}_3q_1^{I})/TeV^2 + hc$	R
cledqRe2232	$(\bar{\ell}_2^{\tilde{I}}e_2)(\bar{d}_3q_2^{\tilde{I}})/TeV^2 + hc$	R
cledqRe2233	$(\overline{\ell_2^I}e_2)(\overline{d_3}q_3^I)/TeV^2 + hc$	R
cledqRe2311	$(\bar{\ell}_2^{\bar{I}}e_3)(\bar{d}_1q_1^{\bar{I}})/TeV^2 + hc$	R
cledqRe2312	$(\bar{\ell}_2^{I}e_3)(\bar{d}_1q_2^{I})/TeV^2 + hc$	R
cledqRe2313	$(\bar{\ell}_{2}^{I}e_{3})(\bar{d}_{1}q_{3}^{I})/TeV^{2}+hc$	R
cledqRe2321	$(\bar{\ell}_2^{\bar{I}}e_3)(\bar{d}_2q_1^{\bar{I}})/TeV^2 + hc$	R
cledqRe2322	$(\bar{\ell}_2^{I}e_3)(\bar{d}_2q_2^{I})/TeV^2+hc$	R
cledqRe2323	$(\bar{\ell}_2^{\bar{I}}e_3)(\bar{d}_2q_3^{\bar{I}})/TeV^2+hc$	R
cledqRe2331	$(\bar{\ell}_{2}^{I}e_{3})(\bar{d}_{3}q_{1}^{I})/TeV^{2}+hc$	R
cledqRe2332	$(\bar{\ell}_{2}^{I}e_{3})(\bar{d}_{3}q_{2}^{I})/TeV^{2}+hc$	R
cledqRe2333	$(\bar{\ell}_{2}^{I}e_{3})(\bar{d}_{3}q_{3}^{I})/TeV^{2}+hc$	R
cledqRe3111	$(\bar{\ell}_3^I e_1)(\bar{d}_1 q_1^I)/TeV^2 + hc$	R
cledqRe3112	$(\bar{\ell}_3^I e_1)(\bar{d}_1 q_2^I)/TeV^2 + hc$	R
cledqRe3113	$(\bar{\ell}_3^I e_1)(\bar{d}_1 q_3^I)/TeV^2 + hc$	R
cledqRe3121	$(\bar{\ell}_3^I e_1)(\bar{d}_2 q_1^I)/TeV^2 + hc$	R
cledqRe3122	$(\bar{\ell}_3^I e_1)(\bar{d}_2 q_2^I)/TeV^2 + hc$	R
cledqRe3123	$(\bar{\ell}_3^I e_1)(\bar{d}_2 q_3^I)/TeV^2 + hc$	R
cledqRe3131	$(\bar{\ell}_3^I e_1)(\bar{d}_3 q_1^I)/TeV^2 + hc$	R
cledqRe3132	$(\bar{\ell}_3^I e_1)(\bar{d}_3 q_2^I)/TeV^2 + hc$	R
cledqRe3133	$(\bar{\ell}_3^I e_1)(\bar{d}_3 q_3^I)/TeV^2 + hc$	R
cledqRe3211	$(\bar{\ell}_3^I e_2)(\bar{d}_1 q_1^I)/TeV^2 + hc$	R
cledqRe3212	$(\bar{\ell}_3^I e_2)(\bar{d}_1 q_2^I)/TeV^2 + hc$	R
cledqRe3213	$(\bar{\ell}_3^I e_2)(\bar{d}_1 q_3^I)/TeV^2 + hc$	R
cledqRe3221	$(\bar{\ell}_3^I e_2)(\bar{d}_2 q_1^I)/TeV^2 + hc$	R
cledqRe3222	$(\bar{\ell}_3^I e_2)(\bar{d}_2 q_2^I)/TeV^2 + hc$	R
cledqRe3223	$(\bar{\ell}_3^I e_2)(\bar{d}_2 q_3^I)/TeV^2 + hc$	R
cledqRe3231	$(\bar{\ell}_3^I e_2)(\bar{d}_3 q_1^I)/TeV^2 + hc$	R
cledqRe3232	$(\bar{\ell}_3^I e_2)(\bar{d}_3 q_2^I)/TeV^2 + hc$	R
cledqRe3233	$(\bar{\ell}_3^I e_2)(\bar{d}_3 q_3^I)/TeV^2 + hc$	R
cledqRe3311	$(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{1}q_{1}^{I})/TeV^{2}+hc$	R
cledqRe3312	$(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{1}q_{2}^{I})/TeV^{2}+hc$	R
cledqRe3313	$(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{1}q_{3}^{I})/TeV^{2}+hc$	R

cledqRe3321 $(\bar{\ell}_3^1)(\bar{\ell}_2q_1^1)/TeV^2 + hc$ R cledqRe3322 $(\bar{\ell}_3^2e_3)(\bar{\ell}_2q_2^1)/TeV^2 + hc$ R cledqRe3323 $(\bar{\ell}_3^2e_3)(\bar{\ell}_2q_3^2)/TeV^2 + hc$ R cledqRe3331 $(\bar{\ell}_3^2e_3)(\bar{\ell}_3q_3^2)/TeV^2 + hc$ R cledqRe3332 $(\bar{\ell}_3^2e_3)(\bar{\ell}_3q_3^2)/TeV^2 + hc$ R cledqRe3333 $(\bar{\ell}_3^2e_3)(\bar{d}_3q_3^2)/TeV^2 + hc$ R cledqIm1111 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_1q_1^2)/TeV^2 + hc$ R cledqIm1112 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_1q_3^2)/TeV^2 + hc$ R cledqIm1113 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_1q_3^2)/TeV^2 + hc$ R cledqIm1112 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_1q_3^2)/TeV^2 + hc$ R cledqIm1121 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_2q_3^1)/TeV^2 + hc$ R cledqIm1121 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_2q_3^1)/TeV^2 + hc$ R cledqIm1121 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_2q_3^1)/TeV^2 + hc$ R cledqIm1131 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_2q_3^1)/TeV^2 + hc$ R cledqIm1131 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1132 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm133 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm121 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1212 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_1q_3^1)/TeV^2 + hc$ R cledqIm1221 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_1q_3^1)/TeV^2 + hc$ R cledqIm1221 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_1q_3^1)/TeV^2 + hc$ R cledqIm1223 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_2q_3^1)/TeV^2 + hc$ R cledqIm1223 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1231 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm131 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm131 $i(\bar{\ell}_1^1e_3)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm132 $i(\bar{\ell}_1^1e_3)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm133 $i(\bar{\ell}_1^1e_3)(\bar{\ell}_3q$	WC name	Operator	Type
cledqRe3322 $(\bar{\ell}_3^1e_3)(\bar{\ell}_2q_2^1)/TeV^2 + hc$ R cledqRe3332 $(\bar{\ell}_3^1e_3)(\bar{\ell}_2q_3^1)/TeV^2 + hc$ R cledqRe3332 $(\bar{\ell}_3^1e_3)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqRe3332 $(\bar{\ell}_3^1e_3)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqRe3333 $(\bar{\ell}_3^1e_3)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1111 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_1q_3^1)/TeV^2 + hc$ R cledqIm1112 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_1q_3^1)/TeV^2 + hc$ R cledqIm1113 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_1q_3^1)/TeV^2 + hc$ R cledqIm1121 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_1q_3^1)/TeV^2 + hc$ R cledqIm1122 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_2q_3^1)/TeV^2 + hc$ R cledqIm1123 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_2q_3^1)/TeV^2 + hc$ R cledqIm1123 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_2q_3^1)/TeV^2 + hc$ R cledqIm1131 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm132 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm133 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm133 $i(\bar{\ell}_1^1e_1)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1212 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1213 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1212 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1213 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1221 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1223 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_2q_3^1)/TeV^2 + hc$ R cledqIm1223 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_2q_3^1)/TeV^2 + hc$ R cledqIm1223 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1231 $i(\bar{\ell}_1^1e_2)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1331 $i(\bar{\ell}_1^1e_3)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1332 $i(\bar{\ell}_1^1e_3)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm1331 $i(\bar{\ell}_1^1e_3)(\bar{\ell}_3q_3^1)/TeV^2 + hc$ R cledqIm2112 $i(\ell$	cledqRe3321	$(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{2}q_{1}^{I})/TeV^{2}+hc$	\overline{R}
cledqRe3331 $(\bar{\ell}_3^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqRe3332 $(\bar{\ell}_3^1e_3)(\bar{d}_3q_2^1)/TeV^2 + hc$ R cledqRe3333 $(\bar{\ell}_3^1e_3)(\bar{d}_3q_2^1)/TeV^2 + hc$ R cledqIm1111 $i(\bar{\ell}_1^1e_1)(\bar{d}_1q_1^1)/TeV^2 + hc$ R cledqIm1112 $i(\bar{\ell}_1^1e_1)(\bar{d}_1q_2^1)/TeV^2 + hc$ R cledqIm1113 $i(\bar{\ell}_1^1e_1)(\bar{d}_1q_3^1)/TeV^2 + hc$ R cledqIm1121 $i(\bar{\ell}_1^1e_1)(\bar{d}_1q_3^1)/TeV^2 + hc$ R cledqIm1122 $i(\bar{\ell}_1^1e_1)(\bar{d}_2q_3^1)/TeV^2 + hc$ R cledqIm1123 $i(\bar{\ell}_1^1e_1)(\bar{d}_2q_3^1)/TeV^2 + hc$ R cledqIm1123 $i(\bar{\ell}_1^1e_1)(\bar{d}_2q_3^1)/TeV^2 + hc$ R cledqIm1131 $i(\bar{\ell}_1^1e_1)(\bar{d}_3q_3^1)/TeV^2 + hc$ R cledqIm1132 $i(\bar{\ell}_1^1e_1)(\bar{d}_3q_3^1)/TeV^2 + hc$ R cledqIm1133 $i(\bar{\ell}_1^1e_1)(\bar{d}_3q_3^1)/TeV^2 + hc$ R cledqIm1133 $i(\bar{\ell}_1^1e_1)(\bar{d}_3q_3^1)/TeV^2 + hc$ R cledqIm1211 $i(\bar{\ell}_1^1e_2)(\bar{d}_1q_1^1)/TeV^2 + hc$ R cledqIm1212 $i(\bar{\ell}_1^1e_2)(\bar{d}_1q_1^1)/TeV^2 + hc$ R cledqIm1213 $i(\bar{\ell}_1^1e_2)(\bar{d}_1q_1^1)/TeV^2 + hc$ R cledqIm1221 $i(\bar{\ell}_1^1e_2)(\bar{d}_1q_1^1)/TeV^2 + hc$ R cledqIm1222 $i(\bar{\ell}_1^1e_2)(\bar{d}_2q_1^1)/TeV^2 + hc$ R cledqIm1223 $i(\bar{\ell}_1^1e_2)(\bar{d}_2q_1^1)/TeV^2 + hc$ R cledqIm1223 $i(\bar{\ell}_1^1e_2)(\bar{d}_2q_1^1)/TeV^2 + hc$ R cledqIm1231 $i(\bar{\ell}_1^1e_2)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1232 $i(\bar{\ell}_1^1e_2)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1233 $i(\bar{\ell}_1^1e_2)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1311 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1312 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1313 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1313 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1312 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1313 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1313 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1321 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1321 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1332 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm1333 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm2111 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm2112 $i(\bar{\ell}_1^1e_3)(\bar{d}_3q_1^1)/TeV^2 + hc$ R cledqIm2121	cledqRe3322	$(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{2}q_{2}^{I})/TeV^{2}+hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe3323	$(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{2}q_{3}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe3331		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe3332		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqRe3333	$(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{3}q_{3}^{I})/TeV^{2}+hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1111		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1112	$i(\bar{\ell}_1^I e_1)(\bar{d}_1 q_2^I)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1113		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1121	$i(\bar{\ell}_1^I e_1)(\bar{d}_2 q_1^I)/TeV^2 + hc$	\mathbf{R}
cledqIm1131 $i(\overline{\ell_1}e_1)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm1132 $i(\overline{\ell_1}e_1)(\overline{d_3}q_2^1)/TeV^2 + hc$ R cledqIm1133 $i(\overline{\ell_1}e_1)(\overline{d_3}q_2^1)/TeV^2 + hc$ R cledqIm1211 $i(\overline{\ell_1}e_2)(\overline{d_1}q_1^1)/TeV^2 + hc$ R cledqIm1212 $i(\overline{\ell_1}e_2)(\overline{d_1}q_2^1)/TeV^2 + hc$ R cledqIm1213 $i(\overline{\ell_1}e_2)(\overline{d_1}q_2^1)/TeV^2 + hc$ R cledqIm1213 $i(\overline{\ell_1}e_2)(\overline{d_1}q_2^1)/TeV^2 + hc$ R cledqIm1221 $i(\overline{\ell_1}e_2)(\overline{d_2}q_1^1)/TeV^2 + hc$ R cledqIm1222 $i(\overline{\ell_1}e_2)(\overline{d_2}q_2^1)/TeV^2 + hc$ R cledqIm1223 $i(\overline{\ell_1}e_2)(\overline{d_2}q_2^1)/TeV^2 + hc$ R cledqIm1223 $i(\overline{\ell_1}e_2)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm1231 $i(\overline{\ell_1}e_2)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm1232 $i(\overline{\ell_1}e_2)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm1333 $i(\overline{\ell_1}e_2)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm1311 $i(\overline{\ell_1}e_3)(\overline{d_1}q_1^1)/TeV^2 + hc$ R cledqIm1312 $i(\overline{\ell_1}e_3)(\overline{d_1}q_1^1)/TeV^2 + hc$ R cledqIm1313 $i(\overline{\ell_1}e_3)(\overline{d_1}q_1^1)/TeV^2 + hc$ R cledqIm1322 $i(\overline{\ell_1}e_3)(\overline{d_1}q_1^1)/TeV^2 + hc$ R cledqIm1323 $i(\overline{\ell_1}e_3)(\overline{d_1}q_1^1)/TeV^2 + hc$ R cledqIm1324 $i(\overline{\ell_1}e_3)(\overline{d_1}q_1^1)/TeV^2 + hc$ R cledqIm1325 $i(\overline{\ell_1}e_3)(\overline{d_2}q_1^1)/TeV^2 + hc$ R cledqIm1331 $i(\overline{\ell_1}e_3)(\overline{d_2}q_1^1)/TeV^2 + hc$ R cledqIm1332 $i(\overline{\ell_1}e_3)(\overline{d_2}q_1^1)/TeV^2 + hc$ R cledqIm1333 $i(\overline{\ell_1}e_3)(\overline{d_2}q_2^1)/TeV^2 + hc$ R cledqIm1331 $i(\overline{\ell_1}e_3)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm1332 $i(\overline{\ell_1}e_3)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm1331 $i(\overline{\ell_1}e_3)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm1332 $i(\overline{\ell_1}e_3)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm1331 $i(\overline{\ell_2}e_1)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm2111 $i(\overline{\ell_2}e_1)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm2112 $i(\overline{\ell_2}e_1)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm2113 $i(\overline{\ell_2}e_1)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm2121 $i(\overline{\ell_2}e_1)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm2121 $i(\overline{\ell_2}e_1)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm2121 $i(\overline{\ell_2}e_1)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm2123 $i(\overline{\ell_2}e_1)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm2131 $i(\overline{\ell_2}e_1)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm2132 $i(\overline{\ell_2}e_1)(\overline{d_3}q_1^1)/TeV^2 + hc$ R cledqIm2132 $i(\overline{\ell_2}e_1)(d_3$	cledqIm1122	$i(\bar{\ell}_1^I e_1)(\bar{d}_2 q_2^I)/TeV^2 + hc$	\mathbf{R}
cledqIm1132 $i(\overline{\ell_1^1}e_1)(\overline{d_3}q_2^1)/TeV^2 + hc$ R cledqIm1133 $i(\overline{\ell_1^1}e_1)(\overline{d_3}q_3^1)/TeV^2 + hc$ R cledqIm1211 $i(\overline{\ell_1^1}e_2)(\overline{d_1}q_1^1)/TeV^2 + hc$ R cledqIm1212 $i(\overline{\ell_1^1}e_2)(\overline{d_1}q_2^1)/TeV^2 + hc$ R cledqIm1213 $i(\overline{\ell_1^1}e_2)(\overline{d_1}q_3^1)/TeV^2 + hc$ R cledqIm1221 $i(\overline{\ell_1^1}e_2)(\overline{d_2}q_1^1)/TeV^2 + hc$ R cledqIm1222 $i(\overline{\ell_1^1}e_2)(\overline{d_2}q_3^1)/TeV^2 + hc$ R cledqIm1223 $i(\overline{\ell_1^1}e_2)(\overline{d_2}q_3^1)/TeV^2 + hc$ R cledqIm1223 $i(\overline{\ell_1^1}e_2)(\overline{d_3}q_3^1)/TeV^2 + hc$ R cledqIm1231 $i(\overline{\ell_1^1}e_2)(\overline{d_3}q_3^1)/TeV^2 + hc$ R cledqIm1232 $i(\overline{\ell_1^1}e_2)(\overline{d_3}q_3^1)/TeV^2 + hc$ R cledqIm1333 $i(\overline{\ell_1^1}e_2)(\overline{d_3}q_3^1)/TeV^2 + hc$ R cledqIm1311 $i(\overline{\ell_1^1}e_3)(\overline{d_1}q_3^1)/TeV^2 + hc$ R cledqIm1312 $i(\overline{\ell_1^1}e_3)(\overline{d_1}q_3^1)/TeV^2 + hc$ R cledqIm1313 $i(\overline{\ell_1^1}e_3)(\overline{d_1}q_3^1)/TeV^2 + hc$ R cledqIm1314 $i(\overline{\ell_1^1}e_3)(\overline{d_1}q_3^1)/TeV^2 + hc$ R cledqIm1322 $i(\overline{\ell_1^1}e_3)(\overline{d_1}q_3^1)/TeV^2 + hc$ R cledqIm1323 $i(\overline{\ell_1^1}e_3)(\overline{d_2}q_3^1)/TeV^2 + hc$ R cledqIm1323 $i(\overline{\ell_1^1}e_3)(\overline{d_2}q_3^1)/TeV^2 + hc$ R cledqIm1332 $i(\overline{\ell_1^1}e_3)(\overline{d_2}q_3^1)/TeV^2 + hc$ R cledqIm1333 $i(\overline{\ell_1^1}e_3)(\overline{d_2}q_3^1)/TeV^2 + hc$ R cledqIm1331 $i(\overline{\ell_1^1}e_3)(\overline{d_3}q_3^1)/TeV^2 + hc$ R cledqIm1332 $i(\overline{\ell_1^1}e_3)(\overline{d_3}q_3^1)/TeV^2 + hc$ R cledqIm1333 $i(\overline{\ell_1^1}e_3)(\overline{d_3}q_3^1)/TeV^2 + hc$ R cledqIm1331 $i(\overline{\ell_1^1}e_3)(\overline{d_3}q_3^1)/TeV^2 + hc$ R cledqIm2111 $i(\overline{\ell_2^1}e_1)(\overline{d_1}q_1^1)/TeV^2 + hc$ R cledqIm2111 $i(\overline{\ell_2^1}e_1)(\overline{d_1}q_1^1)/TeV^2 + hc$ R cledqIm2111 $i(\overline{\ell_2^1}e_1)(\overline{d_1}q_1^1)/TeV^2 + hc$ R cledqIm2112 $i(\overline{\ell_2^1}e_1)(\overline{d_1}q_2^1)/TeV^2 + hc$ R cledqIm2121 $i(\overline{\ell_2^1}e_1)(\overline{d_1}q_2^1)/TeV^2 + hc$ R cledqIm2123 $i(\overline{\ell_2^1}e_1)(\overline{d_1}q_2^1)/TeV^2 + hc$ R cledqIm2131 $i(\overline{\ell_2^1}e_1)(\overline{d_1}q_2^1)/TeV^2 + hc$ R cledqIm2131 $i(\overline{\ell_2^1}e_1)(\overline{d_1}q_2^1)/TeV^2 + hc$ R cledqIm2132 $i(\overline{\ell_2^1}e_1)(\overline{d_1}q_2^1)/TeV^2 + hc$ R cledqIm213	cledqIm1123	$i(\bar{\ell}_1^I e_1)(\bar{d}_2 q_3^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1131	$i(\bar{\ell}_1^I e_1)(\bar{d}_3 q_1^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1132	$i(\bar{\ell}_1^I e_1)(\bar{d}_3 q_2^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1133	$i(\bar{\ell}_1^I e_1)(\bar{d}_3 q_3^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1211		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1212	$i(\bar{\ell}_1^I e_2)(\bar{d}_1 q_2^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1213	$i(\bar{\ell}_1^I e_2)(\bar{d}_1 q_3^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1221	$i(\bar{\ell}_1^I e_2)(\bar{d}_2 q_1^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1222	$i(\bar{\ell}_1^I e_2)(\bar{d}_2 q_2^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1223		\mathbf{R}
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1232	$i(\bar{\ell}_1^I e_2)(\bar{d}_3 q_2^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1233	$i(\bar{\ell}_1^I e_2)(\bar{d}_3 q_3^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1311	$i(\bar{\ell}_1^I e_3)(\bar{d}_1 q_1^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1312	$i(\bar{\ell}_1^I e_3)(\bar{d}_1 q_2^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1313	$i(\bar{\ell}_1^I e_3)(\bar{d}_1 q_3^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm1321	$i(\bar{\ell}_1^I e_3)(\bar{d}_2 q_1^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{lllll} \text{cledqIm1331} & & & & & & & & & & & & & & & & & & &$	cledqIm1322	$i(\bar{\ell}_1^I e_3)(\bar{d}_2 q_2^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cledqIm1323		\mathbf{R}
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cledqIm1331	$i(\bar{\ell}_1^I e_3)(\bar{d}_3 q_1^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cledqIm1332	$i(\bar{\ell}_1^I e_3)(\bar{d}_3 q_2^I)/TeV^2 + hc$	${ m R}$
$\begin{array}{llll} \text{cledqIm2112} & & & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & \\ & & & & & & & & & & & & \\ & & & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & & \\ & & & \\ & & & \\ & & & & \\ & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$	cledqIm1333		\mathbf{R}
$\begin{array}{lll} \text{cledqIm2113} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{1}q_{3}^{\bar{I}})/TeV^{2} + hc & \text{R} \\ \text{cledqIm2121} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{1}^{\bar{I}})/TeV^{2} + hc & \text{R} \\ \text{cledqIm2122} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{2}^{\bar{I}})/TeV^{2} + hc & \text{R} \\ \text{cledqIm2123} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{3}^{\bar{I}})/TeV^{2} + hc & \text{R} \\ \text{cledqIm2131} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{3}q_{1}^{\bar{I}})/TeV^{2} + hc & \text{R} \\ \text{cledqIm2132} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{3}q_{2}^{\bar{I}})/TeV^{2} + hc & \text{R} \\ \end{array}$	cledqIm2111	$i(\bar{\ell}_{2}^{I}e_{1})(\bar{d}_{1}q_{1}^{I})/TeV^{2}+hc$	\mathbf{R}
$\begin{array}{lll} {\rm cledqIm2121} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{1}^{\bar{I}})/TeV^{2} + hc} & {\rm R} \\ {\rm cledqIm2122} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{2}^{\bar{I}})/TeV^{2} + hc} & {\rm R} \\ {\rm cledqIm2123} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{3}^{\bar{I}})/TeV^{2} + hc} & {\rm R} \\ {\rm cledqIm2131} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{3}q_{1}^{\bar{I}})/TeV^{2} + hc} & {\rm R} \\ {\rm cledqIm2132} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{3}q_{2}^{\bar{I}})/TeV^{2} + hc} & {\rm R} \\ \end{array}$	cledqIm2112	$i(\bar{\ell}_{2}^{I}e_{1})(\bar{d}_{1}q_{2}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{lll} {\rm cledqIm2122} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{2}^{\bar{I}})/TeV^{2} + hc} & {\rm R} \\ {\rm cledqIm2123} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{3}^{\bar{I}})/TeV^{2} + hc} & {\rm R} \\ {\rm cledqIm2131} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{3}q_{1}^{\bar{I}})/TeV^{2} + hc} & {\rm R} \\ {\rm cledqIm2132} & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{3}q_{2}^{\bar{I}})/TeV^{2} + hc} & {\rm R} \\ \end{array}$	cledqIm2113	$i(\bar{\ell}_2^I e_1)(\bar{d}_1 q_3^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{lll} {\rm cledqIm2123} & & & & & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{2}q_{3}^{\bar{I}})/TeV^{2} + hc & & {\rm R} \\ {\rm cledqIm2131} & & & & & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{3}q_{1}^{\bar{I}})/TeV^{2} + hc & & {\rm R} \\ {\rm cledqIm2132} & & & & i(\bar{\ell}_{2}^{\bar{I}}e_{1})(\bar{d}_{3}q_{2}^{\bar{I}})/TeV^{2} + hc & & {\rm R} \end{array}$	cledqIm2121	$i(\bar{\ell}_{2}^{I}e_{1})(\bar{d}_{2}q_{1}^{I})/TeV^{2}+hc$	\mathbf{R}
cledqIm2131 $i(\bar{\ell}_{2}^{I}e_{1})(\bar{d}_{3}q_{1}^{I})/TeV^{2} + hc$ R cledqIm2132 $i(\bar{\ell}_{2}^{I}e_{1})(\bar{d}_{3}q_{2}^{I})/TeV^{2} + hc$ R	cledqIm2122		${ m R}$
cledqIm2131 $i(\bar{\ell}_{2}^{I}e_{1})(\bar{d}_{3}q_{1}^{I})/TeV^{2} + hc$ R cledqIm2132 $i(\bar{\ell}_{2}^{I}e_{1})(\bar{d}_{3}q_{2}^{I})/TeV^{2} + hc$ R	cledqIm2123		\mathbf{R}
	cledqIm2131	$i(\bar{\ell}_{2}^{I}e_{1})(\bar{d}_{3}q_{1}^{I})/TeV^{2}+hc$	\mathbf{R}
cledqIm2133 $i(\bar{\ell}_2^Ie_1)(\bar{d}_3q_3^I)/TeV^2 + hc \qquad \qquad {\rm R}$	cledqIm2132		${ m R}$
	cledqIm2133	$i(\bar{\ell}_2^I e_1)(\bar{d}_3 q_3^I)/TeV^2 + hc$	R

cledqIm2211 $i(\overline{\ell_2}^1e_2)(\overline{\ell_1}q_1^1)/TeV^2 + hc$ R cledqIm2212 $i(\overline{\ell_2}e_2)(\overline{\ell_1}q_3^1)/TeV^2 + hc$ R cledqIm2213 $i(\overline{\ell_2}e_2)(\overline{\ell_1}q_3^1)/TeV^2 + hc$ R cledqIm2221 $i(\overline{\ell_2}e_2)(\overline{\ell_2}q_1^1)/TeV^2 + hc$ R cledqIm2221 $i(\overline{\ell_2}e_2)(\overline{\ell_2}q_1^1)/TeV^2 + hc$ R cledqIm2222 $i(\overline{\ell_2}e_2)(\overline{\ell_2}q_2^1)/TeV^2 + hc$ R cledqIm2223 $i(\overline{\ell_2}e_2)(\overline{\ell_2}q_2^1)/TeV^2 + hc$ R cledqIm2231 $i(\overline{\ell_2}e_2)(\overline{\ell_2}q_3^1)/TeV^2 + hc$ R cledqIm2232 $i(\overline{\ell_2}e_2)(\overline{\ell_3}q_1^1)/TeV^2 + hc$ R cledqIm2232 $i(\overline{\ell_2}e_2)(\overline{\ell_3}q_1^1)/TeV^2 + hc$ R cledqIm2311 $i(\overline{\ell_2}e_3)(\overline{\ell_1}q_1^1)/TeV^2 + hc$ R cledqIm2312 $i(\overline{\ell_2}e_3)(\overline{\ell_1}q_1^1)/TeV^2 + hc$ R cledqIm2313 $i(\overline{\ell_2}e_3)(\overline{\ell_1}q_3^1)/TeV^2 + hc$ R cledqIm2314 $i(\overline{\ell_2}e_3)(\overline{\ell_1}q_3^1)/TeV^2 + hc$ R cledqIm2325 $i(\overline{\ell_2}e_3)(\overline{\ell_2}q_1^1)/TeV^2 + hc$ R cledqIm2321 $i(\overline{\ell_2}e_3)(\overline{\ell_2}q_1^1)/TeV^2 + hc$ R cledqIm2322 $i(\overline{\ell_2}e_3)(\overline{\ell_2}q_1^1)/TeV^2 + hc$ R cledqIm2323 $i(\overline{\ell_2}e_3)(\overline{\ell_2}q_1^1)/TeV^2 + hc$ R cledqIm2323 $i(\overline{\ell_2}e_3)(\overline{\ell_2}q_1^1)/TeV^2 + hc$ R cledqIm2323 $i(\overline{\ell_2}e_3)(\overline{\ell_2}q_1^1)/TeV^2 + hc$ R cledqIm2333 $i(\overline{\ell_2}e_3)(\overline{\ell_2}q_3^1)/TeV^2 + hc$ R cledqIm2333 $i(\overline{\ell_2}e_3)(\overline{\ell_3}q_1^1)/TeV^2 + hc$ R cledqIm3111 $i(\overline{\ell_3}e_1)(\overline{\ell_1}q_1^1)/TeV^2 + hc$ R cledqIm3112 $i(\overline{\ell_3}e_1)(\overline{\ell_1}q_1^1)/TeV^2 + hc$ R cledqIm3113 $i(\overline{\ell_3}e_1)(\overline{\ell_1}q_1^1)/TeV^2 + hc$ R cledqIm3121 $i(\overline{\ell_3}e_1)(\overline{\ell_3}e_1)(\overline{\ell_2}q_1^1)/TeV^2 + hc$ R cledqIm3123 $i(\overline{\ell_3}e_1)(\overline{\ell_3}e_1)(\overline{\ell_2}q_1^1)/TeV^2 + hc$ R cledqIm3133 $i(\overline{\ell_3}e_1)(\overline{\ell_3}e_1)(\overline{\ell_3}q_1^1)/TeV^2 + hc$ R cledqIm3131 $i(\overline{\ell_3}e_1)(\overline{\ell_3}e_1)(\overline{\ell_3}q_1^1)/TeV^2 + hc$ R cledqIm3131 $i(\overline{\ell_3}e_1)(\overline{\ell_3}e_1)(\overline{\ell_3}e_1)/(\overline{\ell_2}e_1^1)/TeV^2 + hc$ R cledqIm3131 $i(\overline{\ell_3}e_1)(\overline{\ell_3}e_1)(\overline{\ell_3}e_1)/(\overline{\ell_2}e_1^1)/TeV^2 + hc$ R cledqIm3131 $i(\overline{\ell_3}e_1)(\overline{\ell_3}e_1)(\overline{\ell_3}e_1)/(\overline{\ell_2}e_1^1)/TeV^2 + hc$ R cledqIm3131 $i(\overline{\ell_3}e_1)(\overline{\ell_3}e_1)/(\overline{\ell_3}e_1)/(\overline{\ell_2}e_1^1)/TeV^2 + hc$ R cledqIm3221 $i(\overline{\ell_3}e_1)(\overline{\ell_3}e_1)/(\overline{\ell_3}e_1)/(\overline{\ell_2}e_1)/(\overline{\ell_2}e_1)/(\overline{\ell_2}e_1)/(\overline{\ell_2}e_1)/(\overline{\ell_2}e_1)/(\overline{\ell_2}e_1)/(\overline{\ell_2}e_1)/(\overline{\ell_2}e_1)/(\overline{\ell_2}e_1)/$	WC name	Operator	Type
cledqIm2213 $i(\frac{1}{2}e_2)(\frac{1}{d}1_q^4)/TeV^2 + hc$ R cledqIm2221 $i(\frac{1}{2}e_2)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm2222 $i(\frac{1}{2}e_2)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm2223 $i(\frac{1}{2}e_2)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm2231 $i(\frac{1}{2}e_2)(\frac{1}{d}3_q^4)/TeV^2 + hc$ R cledqIm2232 $i(\frac{1}{2}e_2)(\frac{1}{d}3_q^4)/TeV^2 + hc$ R cledqIm2233 $i(\frac{1}{2}e_2)(\frac{1}{d}3_q^4)/TeV^2 + hc$ R cledqIm2311 $i(\frac{1}{2}e_3)(\frac{1}{d}1_q^4)/TeV^2 + hc$ R cledqIm2311 $i(\frac{1}{2}e_3)(\frac{1}{d}1_q^4)/TeV^2 + hc$ R cledqIm2312 $i(\frac{1}{2}e_3)(\frac{1}{d}1_q^4)/TeV^2 + hc$ R cledqIm2313 $i(\frac{1}{2}e_3)(\frac{1}{d}1_q^4)/TeV^2 + hc$ R cledqIm2314 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm2315 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm2316 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm2317 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm2321 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm2323 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm2333 $i(\frac{1}{2}e_3)(\frac{1}{d}3_q^4)/TeV^2 + hc$ R cledqIm2333 $i(\frac{1}{2}e_3)(\frac{1}{d}3_q^4)/TeV^2 + hc$ R cledqIm2333 $i(\frac{1}{2}e_3)(\frac{1}{d}3_q^4)/TeV^2 + hc$ R cledqIm3111 $i(\frac{1}{2}e_3)(\frac{1}{d}1_q^4)/TeV^2 + hc$ R cledqIm3111 $i(\frac{1}{2}e_3)(\frac{1}{d}1_q^4)/TeV^2 + hc$ R cledqIm3112 $i(\frac{1}{2}e_3)(\frac{1}{d}1_q^4)/TeV^2 + hc$ R cledqIm3113 $i(\frac{1}{2}e_3)(\frac{1}{d}1_q^4)/TeV^2 + hc$ R cledqIm3121 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm3121 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm3122 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm3123 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm3121 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm3122 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm3123 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm3123 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm3121 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm3221 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm3221 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm3221 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm3222 $i(\frac{1}{2}e_3)(\frac{1}{d}2_q^4)/TeV^2 + hc$ R cledqIm323	cledqIm2211		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2212	$i(\bar{\ell}_2^I e_2)(\bar{d}_1 q_2^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2213	$i(\bar{\ell}_{2}^{I}e_{2})(\bar{d}_{1}q_{3}^{I})/TeV^{2}+hc$	${ m R}$
cledqIm2233 $i(\vec{e}_2^1e_2)(\vec{d}_2q_3^1)/TeV^2 + hc$ R cledqIm2231 $i(\vec{e}_2^1e_2)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm2232 $i(\vec{e}_2^1e_2)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm2313 $i(\vec{e}_2^1e_2)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm2311 $i(\vec{e}_2^1e_3)(\vec{d}_1q_1^1)/TeV^2 + hc$ R cledqIm2312 $i(\vec{e}_2^1e_3)(\vec{d}_1q_1^1)/TeV^2 + hc$ R cledqIm2313 $i(\vec{e}_2^1e_3)(\vec{d}_1q_1^1)/TeV^2 + hc$ R cledqIm2313 $i(\vec{e}_2^1e_3)(\vec{d}_2q_1^1)/TeV^2 + hc$ R cledqIm2321 $i(\vec{e}_2^1e_3)(\vec{d}_2q_1^1)/TeV^2 + hc$ R cledqIm2322 $i(\vec{e}_2^1e_3)(\vec{d}_2q_1^1)/TeV^2 + hc$ R cledqIm2323 $i(\vec{e}_2^1e_3)(\vec{d}_2q_1^1)/TeV^2 + hc$ R cledqIm2323 $i(\vec{e}_2^1e_3)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm2333 $i(\vec{e}_2^1e_3)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm2333 $i(\vec{e}_2^1e_3)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm2333 $i(\vec{e}_2^1e_3)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm3111 $i(\vec{e}_3^1e_1)(\vec{d}_1q_1^1)/TeV^2 + hc$ R cledqIm3112 $i(\vec{e}_3^1e_1)(\vec{d}_1q_1^1)/TeV^2 + hc$ R cledqIm3112 $i(\vec{e}_3^1e_1)(\vec{d}_1q_1^1)/TeV^2 + hc$ R cledqIm3123 $i(\vec{e}_3^1e_1)(\vec{d}_2q_1^1)/TeV^2 + hc$ R cledqIm3131 $i(\vec{e}_3^1e_1)(\vec{d}_2q_1^1)/TeV^2 + hc$ R cledqIm3132 $i(\vec{e}_3^1e_1)(\vec{d}_2q_1^1)/TeV^2 + hc$ R cledqIm3131 $i(\vec{e}_3^1e_1)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm3212 $i(\vec{e}_3^1e_1)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm3213 $i(\vec{e}_3^1e_1)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm3212 $i(\vec{e}_3^1e_2)(\vec{d}_1q_1^1)/TeV^2 + hc$ R cledqIm3212 $i(\vec{e}_3^1e_2)(\vec{d}_1q_1^1)/TeV^2 + hc$ R cledqIm3213 $i(\vec{e}_3^1e_2)(\vec{d}_1q_1^1)/TeV^2 + hc$ R cledqIm3213 $i(\vec{e}_3^1e_2)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm3221 $i(\vec{e}_3^1e_2)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm3222 $i(\vec{e}_3^1e_2)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm3232 $i(\vec{e}_3^1e_2)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm3231 $i(\vec{e}_3^1e_2)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm3232 $i(\vec{e}_3^1e_2)(\vec{d}_3q_1^1)/TeV^2 + hc$ R cledqIm331	cledqIm2221	$i(\bar{\ell}_{2}^{I}e_{2})(\bar{d}_{2}q_{1}^{I})/TeV^{2}+hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2222	$i(\bar{\ell}_{2}^{I}e_{2})(\bar{d}_{2}q_{2}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2223	$i(\bar{\ell}_2^I e_2)(\bar{d}_2 q_3^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cledqIm2231	$i(\bar{\ell}_2^I e_2)(\bar{d}_3 q_1^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2232	$i(\bar{\ell}_{2}^{I}e_{2})(\bar{d}_{3}q_{2}^{I})/TeV^{2}+hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2233	$i(\bar{\ell}_{2}^{I}e_{2})(\bar{d}_{3}q_{3}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2311	$i(\bar{\ell}_{2}^{I}e_{3})(\bar{d}_{1}q_{1}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2312	$i(\bar{\ell}_{2}^{I}e_{3})(\bar{d}_{1}q_{2}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2313	$i(\bar{\ell}_2^I e_3)(\bar{d}_1 q_3^I)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2321	$i(\bar{\ell}_{2}^{I}e_{3})(\bar{d}_{2}q_{1}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2322	$i(\bar{\ell}_{2}^{I}e_{3})(\bar{d}_{2}q_{2}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2323	$i(\bar{\ell}_2^I e_3)(\bar{d}_2 q_3^I)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2331	$i(\bar{\ell}_{2}^{I}e_{3})(\bar{d}_{3}q_{1}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2332		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm2333		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm3111	$i(\bar{\ell}_3^I e_1)(\bar{d}_1 q_1^I)/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm3112	$i(\bar{\ell}_3^I e_1)(\bar{d}_1 q_2^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm3113	$i(\bar{\ell}_3^I e_1)(\bar{d}_1 q_3^I)/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm3121		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm3122	$i(\bar{\ell}_{3}^{I}e_{1})(\bar{d}_{2}q_{2}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm3123		${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm3131	$i(\bar{\ell}_3^{\bar{I}}e_1)(\bar{d}_3q_1^{\bar{I}})/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm3132	$i(\bar{\ell}_{3}^{I}e_{1})(\bar{d}_{3}q_{2}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cledqIm3133	$i(\bar{\ell}_{3}^{I}e_{1})(\bar{d}_{3}q_{3}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cledqIm3211	$i(\bar{\ell}_3^{\bar{I}}e_2)(\bar{d}_1q_1^{\bar{I}})/TeV^2 + hc$	${ m R}$
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cledqIm3212		${ m R}$
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cledqIm3213	$i(\bar{\ell}_{3}^{I}e_{2})(\bar{d}_{1}q_{3}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cledqIm3221		${ m R}$
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cledqIm3222		${ m R}$
$\begin{array}{llll} {\rm cledqIm3232} & & & & & & & & & & & & & & & & & & &$	cledqIm3223	$i(\bar{\ell}_{3}^{I}e_{2})(\bar{d}_{2}q_{3}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{lll} \text{cledqIm3233} & i(\overline{\ell_{3}^{I}}e_{2})(\overline{d_{3}}q_{3}^{I})/TeV^{2} + hc & \text{R} \\ \text{cledqIm3311} & i(\overline{\ell_{3}^{I}}e_{3})(\overline{d_{1}}q_{1}^{I})/TeV^{2} + hc & \text{R} \\ \text{cledqIm3312} & i(\overline{\ell_{3}^{I}}e_{3})(\overline{d_{1}}q_{2}^{I})/TeV^{2} + hc & \text{R} \\ \text{cledqIm3313} & i(\overline{\ell_{3}^{I}}e_{3})(\overline{d_{1}}q_{3}^{I})/TeV^{2} + hc & \text{R} \\ \text{cledqIm3321} & i(\overline{\ell_{3}^{I}}e_{3})(\overline{d_{2}}q_{1}^{I})/TeV^{2} + hc & \text{R} \\ \text{cledqIm3322} & i(\overline{\ell_{3}^{I}}e_{3})(\overline{d_{2}}q_{2}^{I})/TeV^{2} + hc & \text{R} \\ \end{array}$	cledqIm3231	$i(\bar{\ell}_{3}^{I}e_{2})(\bar{d}_{3}q_{1}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{llll} \text{cledqIm3311} & & & & & & & & & & & & & & & & & & $	cledqIm3232		${ m R}$
$\begin{array}{lll} \text{cledqIm3312} & i(\bar{\ell}_{3}^{\bar{I}}e_{3})(\bar{d}_{1}q_{2}^{\bar{I}})/TeV^{2} + hc & \text{R} \\ \text{cledqIm3313} & i(\bar{\ell}_{3}^{\bar{I}}e_{3})(\bar{d}_{1}q_{3}^{\bar{I}})/TeV^{2} + hc & \text{R} \\ \text{cledqIm3321} & i(\bar{\ell}_{3}^{\bar{I}}e_{3})(\bar{d}_{2}q_{1}^{\bar{I}})/TeV^{2} + hc & \text{R} \\ \text{cledqIm3322} & i(\bar{\ell}_{3}^{\bar{I}}e_{3})(\bar{d}_{2}q_{2}^{\bar{I}})/TeV^{2} + hc & \text{R} \\ \end{array}$	cledqIm3233	$i(\bar{\ell}_{3}^{I}e_{2})(\bar{d}_{3}q_{3}^{I})/TeV^{2}+hc$	${ m R}$
$\begin{array}{lll} {\rm cledqIm3313} & & i(\bar{\ell}_{3}^{\bar{I}}e_{3})(\bar{d}_{1}q_{3}^{\bar{I}})/TeV^{2} + hc & {\rm R} \\ {\rm cledqIm3321} & & i(\bar{\ell}_{3}^{\bar{I}}e_{3})(\bar{d}_{2}q_{1}^{\bar{I}})/TeV^{2} + hc & {\rm R} \\ {\rm cledqIm3322} & & i(\bar{\ell}_{3}^{\bar{I}}e_{3})(\bar{d}_{2}q_{2}^{\bar{I}})/TeV^{2} + hc & {\rm R} \\ \end{array}$	cledqIm3311	$i(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{1}q_{1}^{I})/TeV^{2}+hc$	${ m R}$
cledqIm3321 $i(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{2}q_{1}^{I})/TeV^{2}+hc$ R cledqIm3322 $i(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{2}q_{2}^{I})/TeV^{2}+hc$ R	cledqIm3312		${ m R}$
cledqIm3321 $i(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{2}q_{1}^{I})/TeV^{2}+hc$ R cledqIm3322 $i(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{2}q_{2}^{I})/TeV^{2}+hc$ R	_		${ m R}$
cledqIm3322 $i(\bar{\ell_3^I}e_3)(\bar{d}_2q_2^I)/TeV^2 + hc$ R	cledqIm3321	$i(\bar{\ell}_3^{I}e_3)(\bar{d}_2q_1^{I})/TeV^2 + hc$	${ m R}$
	cledqIm3322	$i(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{2}q_{2}^{I})/TeV^{2}+hc$	${ m R}$
	cledqIm3323	$i(\bar{\ell}_3^I e_3)(\bar{d}_2 q_3^I)/TeV^2 + hc$	R

WC name	Operator	Type
cledqIm3331	$i(\bar{\ell}_3^Ie_3)(\bar{d}_3q_1^I)/TeV^2+hc$	R
cledqIm3332	$i(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{3}q_{2}^{I})/TeV^{2}+hc$	R
cledqIm3333	$i(\bar{\ell}_{3}^{I}e_{3})(\bar{d}_{3}q_{3}^{I})/TeV^{2}+hc$	\mathbf{R}
cquqd1Re1111	$(\bar{q}_1^I u_1)(\bar{q}_1^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1112	$(\bar{q}_1^I u_1)(\bar{q}_1^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1113	$(\bar{q}_1^I u_1)(\bar{q}_1^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1121	$(\bar{q}_1^I u_1)(\bar{q}_2^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1122	$(\bar{q}_1^I u_1)(\bar{q}_2^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1123	$(\bar{q}_1^I u_1)(\bar{q}_2^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1131	$(\bar{q}_1^I u_1)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1132	$(\bar{q}_1^I u_1)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1133	$(\bar{q}_1^I u_1)(\bar{q}_3^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1211	$(\bar{q}_1^I u_2)(\bar{q}_1^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1212	$(\bar{q}_1^I u_2)(\bar{q}_1^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1213	$(\bar{q}_1^I u_2)(\bar{q}_1^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re1221	$(\bar{q}_1^I u_2)(\bar{q}_2^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re1222	$(\bar{q}_1^I u_2)(\bar{q}_2^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1223	$(\bar{q}_1^I u_2)(\bar{q}_2^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1231	$(\bar{q}_1^I u_2)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re1232	$(\bar{q}_1^I u_2)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re1233	$(\bar{q}_1^I u_2)(\bar{q}_3^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re1311	$(\bar{q}_1^I u_3)(\bar{q}_1^J d_1) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re1312	$(\bar{q}_1^I u_3)(\bar{q}_1^J d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re1313	$(\bar{q}_1^I u_3)(\bar{q}_1^J d_3) \varepsilon_{IJ} / TeV^2 + hc$	R
cquqd1Re1321	$(\bar{q}_1^I u_3)(\bar{q}_2^J d_1) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re1322	$(\bar{q}_1^I u_3)(\bar{q}_2^J d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re1323	$(\bar{q}_1^I u_3)(\bar{q}_2^J d_3) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re1331	$(\bar{q}_1^I u_3)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re1332	$(\bar{q}_1^I u_3)(\bar{q}_3^J d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re1333	$(\bar{q}_1^I u_3)(\bar{q}_3^J d_3) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2111	$(\bar{q}_2^I u_1)(\bar{q}_1^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2112	$(\bar{q}_2^I u_1)(\bar{q}_1^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2113	$(\bar{q}_2^I u_1)(\bar{q}_1^J d_3) \varepsilon_{IJ} / TeV^2 + hc$	R
cquqd1Re2121	$(\bar{q}_2^I u_1)(\bar{q}_2^J d_1) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2122	$(\bar{q}_2^I u_1)(\bar{q}_2^J d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2123	$(\bar{q}_2^I u_1)(\bar{q}_2^J d_3) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2131	$(\bar{q}_2^I u_1)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2132	$(\bar{q}_2^I u_1)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re2133	$(\bar{q}_2^I u_1)(\bar{q}_3^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd1Re2211	$(\bar{q}_2^I u_2)(\bar{q}_1^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2212	$(\bar{q}_2^I u_2)(\bar{q}_1^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2213	$(\bar{q}_2^I u_2)(\bar{q}_1^J d_3) \varepsilon_{IJ} / TeV^2 + hc$	R
cquqd1Re2221	$(\bar{q}_2^I u_2)(\bar{q}_2^J d_1) \varepsilon_{IJ} / TeV^2 + hc$	R
cquqd1Re2222	$(\bar{q}_2^I u_2)(\bar{q}_2^J d_2) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$

WC name	Operator	Type
cquqd1Re2223	$(\bar{q}_2^I u_2)(\bar{q}_2^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2231	$(\bar{q}_2^I u_2)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2232	$(\bar{q}_2^I u_2)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2233	$(\bar{q}_2^I u_2)(\bar{q}_3^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2311	$(\bar{q}_2^I u_3)(\bar{q}_1^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2312	$(\bar{q}_2^I u_3)(\bar{q}_1^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2313	$(\bar{q}_2^I u_3)(\bar{q}_1^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2321	$(\bar{q}_2^I u_3)(\bar{q}_2^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2322	$(\bar{q}_2^I u_3)(\bar{q}_2^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2323	$(\bar{q}_2^I u_3)(\bar{q}_2^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2331	$(\bar{q}_2^I u_3)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2332	$(\bar{q}_2^I u_3)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re2333	$(\bar{q}_2^I u_3)(\bar{q}_3^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3111	$(\bar{q}_3^I u_1)(\bar{q}_1^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3112	$(\bar{q}_3^I u_1)(\bar{q}_1^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3113	$(\bar{q}_3^I u_1)(\bar{q}_1^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3121	$(\bar{q}_3^I u_1)(\bar{q}_2^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3122	$(\bar{q}_3^I u_1)(\bar{q}_2^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3123	$(\bar{q}_3^I u_1)(\bar{q}_2^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3131	$(\bar{q}_3^I u_1)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3132	$(\bar{q}_3^I u_1)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3133	$(\bar{q}_3^I u_1)(\bar{q}_3^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3211	$(\bar{q}_3^I u_2)(\bar{q}_1^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3212	$(\bar{q}_3^I u_2)(\bar{q}_1^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3213	$(\bar{q}_3^I u_2)(\bar{q}_1^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3221	$(\bar{q}_3^I u_2)(\bar{q}_2^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3222	$(\bar{q}_3^I u_2)(\bar{q}_2^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3223	$(\bar{q}_3^I u_2)(\bar{q}_2^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3231	$(\bar{q}_3^I u_2)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd1Re3232	$(\bar{q}_3^I u_2)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3233	$(\bar{q}_3^I u_2)(\bar{q}_3^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3311	$(\bar{q}_3^I u_3)(\bar{q}_1^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3312	$(\bar{q}_3^I u_3)(\bar{q}_1^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3313	$(\bar{q}_3^I u_3)(\bar{q}_1^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3321	$(\bar{q}_3^I u_3)(\bar{q}_2^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3322	$(\bar{q}_3^I u_3)(\bar{q}_2^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3323	$(\bar{q}_3^I u_3)(\bar{q}_2^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3331	$(\bar{q}_3^I u_3)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3332	$(\bar{q}_3^I u_3)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Re3333	$(\bar{q}_3^I u_3)(\bar{q}_3^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Im1111	$i(\bar{q}_1^I u_1)(\bar{q}_1^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Im1112	$i(\bar{q}_1^Iu_1)(\bar{q}_1^Jd_2)\varepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im1113	$i(\bar{q}_1^I u_1)(\bar{q}_1^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Im1121	$i(\bar{q}_1^I u_1)(\bar{q}_2^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R

$\begin{array}{c} \operatorname{cquqd1Im1122} & i(\overline{q}_1^Iu_1)(\overline{q}_2^Jd_2)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1123} & i(\overline{q}_1^Iu_1)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1132} & i(\overline{q}_1^Iu_1)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1133} & i(\overline{q}_1^Iu_1)(\overline{q}_3^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1133} & i(\overline{q}_1^Iu_2)(\overline{q}_3^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1211} & i(\overline{q}_1^Iu_2)(\overline{q}_1^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1212} & i(\overline{q}_1^Iu_2)(\overline{q}_1^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1221} & i(\overline{q}_1^Iu_2)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1222} & i(\overline{q}_1^Iu_2)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1223} & i(\overline{q}_1^Iu_2)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1223} & i(\overline{q}_1^Iu_2)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1233} & i(\overline{q}_1^Iu_2)(\overline{q}_3^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1233} & i(\overline{q}_1^Iu_2)(\overline{q}_3^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1313} & i(\overline{q}_1^Iu_2)(\overline{q}_3^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1312} & i(\overline{q}_1^Iu_3)(\overline{q}_1^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1322} & i(\overline{q}_1^Iu_3)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1322} & i(\overline{q}_1^Iu_3)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1322} & i(\overline{q}_1^Iu_3)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1323} & i(\overline{q}_1^Iu_3)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1323} & i(\overline{q}_1^Iu_3)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im1323} & i(\overline{q}_1^Iu_3)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im223} & i(\overline{q}_1^Iu_3)(\overline{q}_3^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im2113} & i(\overline{q}_1^Iu_3)(\overline{q}_3^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im2113} & i(\overline{q}_2^Iu_1)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im2121} & i(\overline{q}_2^Iu_1)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im2122} & i(\overline{q}_2^Iu_1)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im2123} & i(\overline{q}_2^Iu_1)(\overline{q}_2^Jd_3)\varepsilon_{IJ}/TeV^2 + hc \\ \\ \operatorname{cquqd1Im2223} & i(\overline{q}_2^Iu_$	WC name	Operator	Type
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd1Im1122		R
$\begin{array}{llllllllllllllllllllllllllllllllllll$		$i(\bar{q}_1^I u_1)(\bar{q}_2^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1131	$i(\bar{q}_1^I u_1)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1132	$i(\bar{q}_1^I u_1)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1133		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1211		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1212		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1213		\mathbf{R}
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd1Im1221		R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd1Im1222	$i(\bar{q}_1^I u_2)(\bar{q}_2^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd1Im1223	$i(\bar{q}_1^I u_2)(\bar{q}_2^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1231	$i(\bar{q}_1^I u_2)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1232	$i(\bar{q}_1^I u_2)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1233	$i(\bar{q}_1^I u_2)(\bar{q}_3^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1311	$i(\bar{q}_1^I u_3)(\bar{q}_1^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1312	$i(\bar{q}_1^I u_3)(\bar{q}_1^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1313	$i(\bar{q}_1^I u_3)(\bar{q}_1^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1321		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1322		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1323	$i(\bar{q}_1^I u_3)(\bar{q}_2^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1331	$i(\bar{q}_1^I u_3)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1332	$i(\bar{q}_1^I u_3)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im1333		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im2111		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im2112	$i(\bar{q}_1^I u_1)(\bar{q}_1^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im2113		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im2121		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im2122		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im2123	$i(\bar{q}_2^I u_1)(\bar{q}_2^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im2131		R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd1Im2132		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd1Im2133		R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd1Im2211		R
$\begin{array}{lllll} & c \\ \text{cquqd1Im2213} & i (\bar{q}_2^I u_2) (\bar{q}_1^J d_3) \varepsilon_{IJ} / TeV^2 + hc \\ \text{cquqd1Im2221} & i (\bar{q}_2^I u_2) (\bar{q}_2^J d_1) \varepsilon_{IJ} / TeV^2 + hc \\ \text{cquqd1Im2222} & i (\bar{q}_2^I u_2) (\bar{q}_2^J d_2) \varepsilon_{IJ} / TeV^2 + hc \\ \text{cquqd1Im2223} & i (\bar{q}_2^I u_2) (\bar{q}_2^J d_3) \varepsilon_{IJ} / TeV^2 + hc \\ \text{cquqd1Im2231} & i (\bar{q}_2^I u_2) (\bar{q}_3^J d_1) \varepsilon_{IJ} / TeV^2 + hc \\ \text{cquqd1Im2232} & i (\bar{q}_2^I u_2) (\bar{q}_3^J d_2) \varepsilon_{IJ} / TeV^2 + hc \\ \text{cquqd1Im2233} & i (\bar{q}_2^I u_2) (\bar{q}_3^J d_3) \varepsilon_{IJ} / TeV^2 + hc \\ \text{cquqd1Im2311} & i (\bar{q}_2^I u_3) (\bar{q}_1^J d_1) \varepsilon_{IJ} / TeV^2 + hc \\ \text{cquqd1Im2312} & i (\bar{q}_2^I u_3) (\bar{q}_1^J d_1) \varepsilon_{IJ} / TeV^2 + hc \\ \text{cquqd1Im2312} & i (\bar{q}_2^I u_3) (\bar{q}_1^J d_1) \varepsilon_{IJ} / TeV^2 + hc \\ \text{R} \\ \end{array}$	cquqd1Im2212		R
$\begin{array}{lllll} {\rm cquqd1Im2221} & & & & & & & & & & & & & & & & & & &$	cquqd1Im2213	$i(\bar{q}_{1}^{I}u_{2})(\bar{q}_{1}^{J}d_{3})\varepsilon_{IJ}/TeV^{2}+hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd1Im2221	$i(\bar{q}_2^I u_2)(\bar{q}_2^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$		$i(\bar{q}_2^I u_2)(\bar{q}_2^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{llllllllllllllllllllllllllllllllllll$		$i(\bar{q}_2^I u_2)(\bar{q}_2^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{lll} {\rm cquqd1Im2232} & i(\bar{q}_{2}^{I}u_{2})(\bar{q}_{3}^{J}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd1Im2233} & i(\bar{q}_{2}^{I}u_{2})(\bar{q}_{3}^{J}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd1Im2311} & i(\bar{q}_{2}^{I}u_{3})(\bar{q}_{1}^{J}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd1Im2312} & i(\bar{q}_{2}^{I}u_{3})(\bar{q}_{1}^{J}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	cquqd1Im2231	$i(\bar{q}_2^I u_2)(\bar{q}_3^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{lll} {\rm cquqd1Im2233} & & i(\bar{q}_{2}^{I}u_{2})(\bar{q}_{3}^{J}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd1Im2311} & & i(\bar{q}_{2}^{I}u_{3})(\bar{q}_{1}^{J}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd1Im2312} & & i(\bar{q}_{2}^{I}u_{3})(\bar{q}_{1}^{J}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	cquqd1Im2232	$i(\bar{q}_2^I u_2)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd1Im2311 $i(\bar{q}_2^Iu_3)(\bar{q}_1^Jd_1)\varepsilon_{IJ}/TeV^2 + hc$ cquqd1Im2312 $i(\bar{q}_2^Iu_3)(\bar{q}_1^Jd_2)\varepsilon_{IJ}/TeV^2 + hc$ R		$i(\bar{q}_2^I u_2)(\bar{q}_3^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Im2312 $i(\bar{q}_1^Iu_3)(\bar{q}_1^Jd_2)\varepsilon_{IJ}/TeV^2 + hc$ R		$i(\bar{q}_1^I u_3)(\bar{q}_1^J d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd1Im2313 $i(\bar{q}_2^{\bar{I}}u_3)(\bar{q}_1^{\bar{J}}d_3)arepsilon_{IJ}/TeV^2+hc$ R		$i(\bar{q}_1^I u_3)(\bar{q}_1^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
	cquqd1Im2313	$i(\bar{q}_2^I u_3)(\bar{q}_1^J d_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}

$\begin{array}{lll} & \text{cquqd1Im2321} & i(\bar{q}_{2}^{I}u_{3})(\bar{q}_{2}^{J}d_{1})\varepsilon_{IJ}/TeV^{2} + hc \\ \text{cquqd1Im2322} & i(\bar{q}_{2}^{I}u_{3})(\bar{q}_{2}^{J}d_{2})\varepsilon_{IJ}/TeV^{2} + hc \\ \text{cquqd1Im2323} & i(\bar{q}_{2}^{I}u_{3})(\bar{q}_{2}^{J}d_{3})\varepsilon_{IJ}/TeV^{2} + hc \\ \text{cquqd1Im2331} & i(\bar{q}_{2}^{I}u_{3})(\bar{q}_{3}^{J}d_{1})\varepsilon_{IJ}/TeV^{2} + hc \\ \text{cquqd1Im2332} & i(\bar{q}_{2}^{I}u_{3})(\bar{q}_{3}^{J}d_{2})\varepsilon_{IJ}/TeV^{2} + hc \\ \end{array}$	R R R R R R R
$\begin{array}{ll} {\rm cquqd1Im2322} & i(\bar{q}_{2}^{I}u_{3})(\bar{q}_{2}^{J}d_{2})\varepsilon_{IJ}/TeV^{2} + hc \\ {\rm cquqd1Im2323} & i(\bar{q}_{2}^{I}u_{3})(\bar{q}_{2}^{J}d_{3})\varepsilon_{IJ}/TeV^{2} + hc \\ {\rm cquqd1Im2331} & i(\bar{q}_{2}^{I}u_{3})(\bar{q}_{3}^{J}d_{1})\varepsilon_{IJ}/TeV^{2} + hc \\ \end{array}$	R R R R R
cquqd1Im2331 $i(ar{q}_2^Iu_3)(ar{q}_3^Jd_1)arepsilon_{IJ}/TeV^2+hc$	R R R R
	R R R R
cquqd1Im2332 $i(\bar{q}_2^I u_3)(\bar{q}_3^J d_2)\varepsilon_{IJ}/TeV^2 + hc$	R R R
	R R
cquqd1Im2333 $i(ar{q}_2^Iu_3)(ar{q}_3^Jd_3)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3111 $i(ar{q}_3^Iu_1)(ar{q}_1^Jd_1)arepsilon_{IJ}/TeV^2+hc$	
cquqd1Im3112 $i(ar{q}_3^Iu_1)(ar{q}_1^Jd_2)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3113 $i(ar{q}_3^Iu_1)(ar{q}_1^Jd_3)arepsilon_{IJ}/TeV^2+hc$	
cquqd1Im3121 $i(ar{q}_3^Iu_1)(ar{q}_2^Jd_1)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3122 $i(ar{q}_3^Iu_1)(ar{q}_2^Jd_2)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3123 $i(ar{q}_3^Iu_1)(ar{q}_2^Jd_3)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3131 $i(ar{q}_3^Iu_1)(ar{q}_3^Jd_1)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3132 $i(ar{q}_3^Iu_1)(ar{q}_3^Jd_2)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3133 $i(ar{q}_3^Iu_1)(ar{q}_3^Jd_3)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3211 $i(ar{q}_3^Iu_2)(ar{q}_1^Jd_1)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3212 $i(ar{q}_3^Iu_2)(ar{q}_1^Jd_2)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3213 $i(ar{q}_3^Iu_2)(ar{q}_1^Jd_3)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3221 $i(ar{q}_3^Iu_2)(ar{q}_2^Jd_1)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3222 $i(ar{q}_3^Iu_2)(ar{q}_2^Jd_2)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3223 $i(ar{q}_3^Iu_2)(ar{q}_2^Jd_3)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3231 $i(ar{q}_3^Iu_2)(ar{q}_3^Jd_1)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3232 $i(\bar{q}_3^Iu_2)(\bar{q}_3^Jd_2)arepsilon_{IJ}/TeV^2+hc$	${ m R}$
cquqd1Im3233 $i(\bar{q}_3^Iu_2)(\bar{q}_3^Jd_3)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3311 $i(\bar{q}_3^Iu_3)(\bar{q}_1^Jd_1)arepsilon_{IJ}/TeV^2+hc$	${ m R}$
cquqd1Im3312 $i(\bar{q}_3^Iu_3)(\bar{q}_1^Jd_2)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3313 $i(\bar{q}_3^Iu_3)(\bar{q}_1^Jd_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Im3321 $i(\bar{q}_3^Iu_3)(\bar{q}_2^Jd_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd1Im3322 $i(ar{q}_3^Iu_3)(ar{q}_2^Jd_2)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3323 $i(\bar{q}_3^Iu_3)(\bar{q}_2^Jd_3)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3331 $i(\bar{q}_3^Iu_3)(\bar{q}_3^Jd_1)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3332 $i(\bar{q}_3^Iu_3)(\bar{q}_3^Jd_2)arepsilon_{IJ}/TeV^2+hc$	R
cquqd1Im3333 $i(\bar{q}_3^Iu_3)(\bar{q}_3^Jd_3)arepsilon_{IJ}/TeV^2+hc$	R
cquqd8Re1111 $(\bar{q}_1^I T^A u_1)(\bar{q}_1^J T^A d_1) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Re1112 $(\bar{q}_1^I T^A u_1)(\bar{q}_1^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Re1113 $(\bar{q}_1^I T^A u_1)(\bar{q}_1^J T^A d_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Re1121 $(\bar{q}_1^I T^A u_1)(\bar{q}_2^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Re1122 $(\bar{q}_1^I T^A u_1)(\bar{q}_2^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Re1123 $(\bar{q}_1^I T^A u_1)(\bar{q}_2^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Re1131 $(\bar{q}_1^I T^A u_1)(\bar{q}_3^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Re1132 $(\bar{q}_1^I T^A u_1)(\bar{q}_3^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Re1133 $(\bar{q}_1^I T^A u_1)(\bar{q}_3^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Re1211 $(\bar{q}_1^I T^A u_2)(\bar{q}_1^J T^A d_1) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Re1212 $(\bar{q}_1^I T^A u_2)(\bar{q}_1^J T^A d_2) \varepsilon_{IJ}/TeV^2 + hc$	R

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	WC name	Operator	Type
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1213		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1221		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1222	$(\bar{q}_1^I T^A u_2)(\bar{q}_2^J T^A d_2) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1223	$(\bar{q}_1^I T^A u_2)(\bar{q}_2^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd8Re1231	$(\bar{q}_1^I T^A u_2)(\bar{q}_3^J T^A d_1) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1232	$(\bar{q}_1^I T^A u_2)(\bar{q}_3^J T^A d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1233		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1311	$(\bar{q}_1^I T^A u_3)(\bar{q}_1^J T^A d_1) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1312	$(\bar{q}_1^I T^A u_3)(\bar{q}_1^J T^A d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1313	$(\bar{q}_1^I T^A u_3)(\bar{q}_1^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1321	$(\bar{q}_1^I T^A u_3)(\bar{q}_2^J T^A d_1) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1322	$(\bar{q}_1^I T^A u_3)(\bar{q}_2^J T^A d_2) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1323	$(\bar{q}_1^I T^A u_3)(\bar{q}_2^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd8Re1331	$(\bar{q}_1^I T^A u_3)(\bar{q}_3^J T^A d_1) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1332	$(\bar{q}_1^I T^A u_3)(\bar{q}_3^J T^A d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re1333	$(\bar{q}_1^I T^A u_3)(\bar{q}_3^J T^A d_3) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd8Re2111	$(\bar{q}_2^I T^A u_1)(\bar{q}_1^J T^A d_1) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re2112	$(\bar{q}_2^I T^A u_1)(\bar{q}_1^J T^A d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re2113		R
$\begin{array}{lllll} & \text{cquqd8Re2123} & (\bar{q}_2^{\bar{J}} T^A u_1) (\bar{q}_2^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2131} & (\bar{q}_2^{\bar{J}} T^A u_1) (\bar{q}_3^{\bar{J}} T^A d_1) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2132} & (\bar{q}_2^{\bar{J}} T^A u_1) (\bar{q}_3^{\bar{J}} T^A d_2) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2133} & (\bar{q}_2^{\bar{J}} T^A u_1) (\bar{q}_3^{\bar{J}} T^A d_2) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2211} & (\bar{q}_2^{\bar{J}} T^A u_2) (\bar{q}_1^{\bar{J}} T^A d_1) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2212} & (\bar{q}_2^{\bar{J}} T^A u_2) (\bar{q}_1^{\bar{J}} T^A d_2) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2213} & (\bar{q}_2^{\bar{J}} T^A u_2) (\bar{q}_1^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2221} & (\bar{q}_2^{\bar{J}} T^A u_2) (\bar{q}_2^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2222} & (\bar{q}_2^{\bar{J}} T^A u_2) (\bar{q}_2^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2222} & (\bar{q}_2^{\bar{J}} T^A u_2) (\bar{q}_2^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2223} & (\bar{q}_2^{\bar{J}} T^A u_2) (\bar{q}_2^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2231} & (\bar{q}_2^{\bar{J}} T^A u_2) (\bar{q}_3^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2232} & (\bar{q}_2^{\bar{J}} T^A u_2) (\bar{q}_3^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2311} & (\bar{q}_2^{\bar{J}} T^A u_3) (\bar{q}_3^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2312} & (\bar{q}_2^{\bar{J}} T^A u_3) (\bar{q}_3^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2313} & (\bar{q}_2^{\bar{J}} T^A u_3) (\bar{q}_3^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2313} & (\bar{q}_2^{\bar{J}} T^A u_3) (\bar{q}_3^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2321} & (\bar{q}_2^{\bar{J}} T^A u_3) (\bar{q}_3^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2322} & (\bar{q}_2^{\bar{J}} T^A u_3) (\bar{q}_3^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2323} & (\bar{q}_2^{\bar{J}} T^A u_3) (\bar{q}_3^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2323} & (\bar{q}_2^{\bar{J}} T^A u_3) (\bar{q}_3^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2323} & (\bar{q}_2^{\bar{J}} T^A u_3) (\bar{q}_3^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ & \text{cquqd8Re2323} & (\bar{q}_3^{\bar{J}} T^A u_3) (\bar{q}_3^{$	cquqd8Re2121		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re2122	$(\bar{q}_2^I T^A u_1)(\bar{q}_2^J T^A d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re2123	$(\bar{q}_2^I T^A u_1)(\bar{q}_2^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re2131	$(\bar{q}_2^I T^A u_1)(\bar{q}_3^J T^A d_1) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd8Re2132	$(\bar{q}_2^I T^A u_1)(\bar{q}_3^J T^A d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re2133	$(\bar{q}_2^I T^A u_1)(\bar{q}_3^J T^A d_3) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re2211	$(\bar{q}_2^I T^A u_2)(\bar{q}_1^J T^A d_1) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re2212	$(\bar{q}_2^I T^A u_2)(\bar{q}_1^J T^A d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re2213	$(\bar{q}_1^I T^A u_2)(\bar{q}_1^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{llll} {\rm cquqd8Re2223} & (\bar{q}_2^{\bar{I}} T^A u_2) (\bar{q}_2^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2231} & (\bar{q}_2^{\bar{I}} T^A u_2) (\bar{q}_3^{\bar{I}} T^A d_1) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2232} & (\bar{q}_2^{\bar{I}} T^A u_2) (\bar{q}_3^{\bar{I}} T^A d_2) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2233} & (\bar{q}_2^{\bar{I}} T^A u_2) (\bar{q}_3^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2311} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_1^{\bar{I}} T^A d_1) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2312} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_1^{\bar{I}} T^A d_2) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2313} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_1^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2321} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A d_1) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2322} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A d_2) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / TeV^2 + hc & {\rm R} \\$	cquqd8Re2221	$(\bar{q}_2^I T^A u_2)(\bar{q}_2^J T^A d_1) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re2222	$(\bar{q}_2^I T^A u_2)(\bar{q}_2^J T^A d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re2223	$(\bar{q}_2^I T^A u_2)(\bar{q}_2^J T^A d_3) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} \mbox{cquqd8Re2233} & (\bar{q}_2^{\bar{J}} T^A u_2) (\bar{q}_3^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2311} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_1^{\bar{J}} T^A d_1) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2312} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_1^{\bar{J}} T^A d_2) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2313} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_1^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2321} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{J}} T^A d_1) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2322} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{J}} T^A d_2) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / TeV^2 + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{I}} T^A u_3) \varepsilon_{IJ} / $	cquqd8Re2231	$(\bar{q}_2^I T^A u_2)(\bar{q}_3^J T^A d_1) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{lllll} & \text{cquqd8Re2311} & (\bar{q}_{2}^{T}T^{A}u_{3})(\bar{q}_{1}^{T}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ & \text{cquqd8Re2312} & (\bar{q}_{2}^{T}T^{A}u_{3})(\bar{q}_{1}^{T}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ & \text{cquqd8Re2313} & (\bar{q}_{2}^{T}T^{A}u_{3})(\bar{q}_{1}^{T}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ & \text{cquqd8Re2321} & (\bar{q}_{2}^{T}T^{A}u_{3})(\bar{q}_{2}^{T}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ & \text{cquqd8Re2322} & (\bar{q}_{2}^{T}T^{A}u_{3})(\bar{q}_{2}^{T}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ & \text{cquqd8Re2323} & (\bar{q}_{2}^{T}T^{A}u_{3})(\bar{q}_{2}^{T}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	cquqd8Re2232	$(\bar{q}_2^I T^A u_2)(\bar{q}_3^J T^A d_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} {\rm cquqd8Re2312} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{1}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Re2313} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{1}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Re2321} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{2}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Re2322} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{2}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{2}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	cquqd8Re2233	$(\bar{q}_2^I T^A u_2)(\bar{q}_3^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{llll} {\rm cquqd8Re2312} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{1}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Re2313} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{1}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Re2321} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{2}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Re2322} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{2}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Re2323} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{2}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	cquqd8Re2311	$(\bar{q}_2^I T^A u_3)(\bar{q}_1^J T^A d_1) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{lll} \mbox{cquqd8Re2313} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{1}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & \mbox{R} \\ \mbox{cquqd8Re2321} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{2}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & \mbox{R} \\ \mbox{cquqd8Re2322} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{2}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & \mbox{R} \\ \mbox{cquqd8Re2323} & (\bar{q}_{2}^{I}T^{A}u_{3})(\bar{q}_{2}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & \mbox{R} \\ \end{array}$	cquqd8Re2312	$(\bar{q}_2^I T^A u_3)(\bar{q}_1^J T^A d_2) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{lll} {\sf cquqd8Re2321} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{J}} T^A d_1) \varepsilon_{IJ} / TeV^2 + hc & {\sf R} \\ {\sf cquqd8Re2322} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{J}} T^A d_2) \varepsilon_{IJ} / TeV^2 + hc & {\sf R} \\ {\sf cquqd8Re2323} & (\bar{q}_2^{\bar{I}} T^A u_3) (\bar{q}_2^{\bar{J}} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc & {\sf R} \\ \end{array}$			\mathbf{R}
cquqd8Re2322 $ \begin{array}{ll} (\bar{q}_2^{\bar{J}}T^Au_3)(\bar{q}_2^{\bar{J}}T^Ad_2)\varepsilon_{IJ}/TeV^2 + hc & \mathrm{R} \\ \mathrm{cquqd8Re2323} & (\bar{q}_2^{\bar{J}}T^Au_3)(\bar{q}_2^{\bar{J}}T^Ad_3)\varepsilon_{IJ}/TeV^2 + hc & \mathrm{R} \end{array} $		$(\bar{q}_2^I T^A u_3)(\bar{q}_2^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd8Re2323 $(\bar{q}_2^I T^A u_3)(\bar{q}_2^J T^A d_3) \varepsilon_{IJ}/TeV^2 + hc$ R			R
			R
$(q_2 + a_3)(q_3 + a_1)e_{1J}/1e_{V} + ne$	cquqd8Re2331	$(\bar{q}_2^I T^A u_3)(\bar{q}_3^J T^A d_1) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Re2332 $(\bar{q}_2^I T^A u_3)(\bar{q}_3^J T^A d_2) \varepsilon_{IJ}/TeV^2 + hc$ R		$(\bar{q}_2^{\bar{I}}T^Au_3)(\bar{q}_3^{\bar{J}}T^Ad_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Re2333 $(\bar{q}_2^I T^A u_3)(\bar{q}_3^J T^A d_3) \varepsilon_{IJ}/TeV^2 + hc$ R			\mathbf{R}
cquqd8Re3111 $(\bar{q}_3^I T^A u_1)(\bar{q}_1^J T^A d_1) \varepsilon_{IJ}/TeV^2 + hc$ R	cquqd8Re3111	$(\bar{q}_3^I T^A u_1)(\bar{q}_1^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R

$\begin{array}{c} {\rm cquqd8Re3112} & (\bar{q}_3^{\dagger} T^A u_1) (\bar{q}_1^{\dagger} T^A d_2) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3113} & (\bar{q}_3^{\dagger} T^A u_1) (\bar{q}_2^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3122} & (\bar{q}_3^{\dagger} T^A u_1) (\bar{q}_2^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3122} & (\bar{q}_3^{\dagger} T^A u_1) (\bar{q}_2^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3123} & (\bar{q}_3^{\dagger} T^A u_1) (\bar{q}_2^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3133} & (\bar{q}_3^{\dagger} T^A u_1) (\bar{q}_3^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3133} & (\bar{q}_3^{\dagger} T^A u_1) (\bar{q}_3^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3133} & (\bar{q}_3^{\dagger} T^A u_1) (\bar{q}_3^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3212} & (\bar{q}_3^{\dagger} T^A u_2) (\bar{q}_1^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3212} & (\bar{q}_3^{\dagger} T^A u_2) (\bar{q}_1^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3221} & (\bar{q}_3^{\dagger} T^A u_2) (\bar{q}_1^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3222} & (\bar{q}_3^{\dagger} T^A u_2) (\bar{q}_2^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3222} & (\bar{q}_3^{\dagger} T^A u_2) (\bar{q}_2^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3223} & (\bar{q}_3^{\dagger} T^A u_2) (\bar{q}_2^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3223} & (\bar{q}_3^{\dagger} T^A u_2) (\bar{q}_3^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm cquqd8Re3223} & (\bar{q}_3^{\dagger} T^A u_2) (\bar{q}_3^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm R} & {\rm cquqd8Re3223} & (\bar{q}_3^{\dagger} T^A u_3) (\bar{q}_3^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm R} & {\rm cquqd8Re3233} & (\bar{q}_3^{\dagger} T^A u_3) (\bar{q}_3^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm R} & {\rm cquqd8Re3233} & (\bar{q}_3^{\dagger} T^A u_3) (\bar{q}_3^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm R} & {\rm cquqd8Re3331} & (\bar{q}_3^{\dagger} T^A u_3) (\bar{q}_3^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm R} & {\rm cquqd8Re3322} & (\bar{q}_3^{\dagger} T^A u_3) (\bar{q}_3^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm R} & {\rm cquqd8Re3332} & (\bar{q}_3^{\dagger} T^A u_3) (\bar{q}_3^{\dagger} T^A d_3) \varepsilon_{IJ} / TeV^2 + hc \\ {\rm R} & {\rm cquqd8Re3332} & (\bar{q}_3^{\dagger} T^A u_3) (\bar{q}_3^{\dagger} T^A d_3) \varepsilon_{I$	WC name	Operator	Type
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3112	$(\bar{q}_3^I T^A u_1)(\bar{q}_1^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3121	$(\bar{q}_3^I T^A u_1)(\bar{q}_2^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3122	$(\bar{q}_3^I T^A u_1)(\bar{q}_2^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd8Re3123	$(\bar{q}_3^I T^A u_1)(\bar{q}_2^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3131		R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd8Re3132	$(\bar{q}_3^I T^A u_1)(\bar{q}_3^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3133	$(\bar{q}_3^I T^A u_1)(\bar{q}_3^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3211	$(\bar{q}_3^I T^A u_2)(\bar{q}_1^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3212	$(\bar{q}_3^I T^A u_2)(\bar{q}_1^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3213	$(\bar{q}_3^I T^A u_2)(\bar{q}_1^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3221	$(\bar{q}_3^I T^A u_2)(\bar{q}_2^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3222	$(\bar{q}_3^I T^A u_2)(\bar{q}_2^J T^A d_2) \varepsilon_{IJ} / TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3223	$(\bar{q}_3^I T^A u_2)(\bar{q}_2^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3231	$(\bar{q}_3^I T^A u_2)(\bar{q}_3^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3232	$(\bar{q}_3^I T^A u_2)(\bar{q}_3^J T^A d_2) \varepsilon_{IJ} / TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3233	$(\bar{q}_3^I T^A u_2)(\bar{q}_3^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3311	$(\bar{q}_3^I T^A u_3)(\bar{q}_1^J T^A d_1) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3312	$(\bar{q}_3^I T^A u_3)(\bar{q}_1^J T^A d_2) \varepsilon_{IJ} / TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3313	$(\bar{q}_3^I T^A u_3)(\bar{q}_1^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3321	$(\bar{q}_3^I T^A u_3)(\bar{q}_2^J T^A d_1) \varepsilon_{IJ} / TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3322	$(\bar{q}_3^I T^A u_3)(\bar{q}_2^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3323	$(\bar{q}_3^I T^A u_3)(\bar{q}_2^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	${ m R}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	cquqd8Re3331	$(\bar{q}_3^I T^A u_3)(\bar{q}_3^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd8Re3332	$(\bar{q}_3^I T^A u_3)(\bar{q}_3^J T^A d_2) \varepsilon_{IJ} / TeV^2 + hc$	${ m R}$
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd8Re3333	$(\bar{q}_3^I T^A u_3)(\bar{q}_3^J T^A d_3) \varepsilon_{IJ} / TeV^2 + hc$	${ m R}$
$\begin{array}{llllllllllllllllllllllllllllllllllll$	cquqd8Im1111		${ m R}$
$\begin{array}{lllll} {\rm cquqd8Im1121} & i(\overline{q}_{1}^{1}T^{A}u_{1})(\overline{q}_{2}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1122} & i(\overline{q}_{1}^{I}T^{A}u_{1})(\overline{q}_{2}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1123} & i(\overline{q}_{1}^{I}T^{A}u_{1})(\overline{q}_{2}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1131} & i(\overline{q}_{1}^{I}T^{A}u_{1})(\overline{q}_{3}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1132} & i(\overline{q}_{1}^{I}T^{A}u_{1})(\overline{q}_{3}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1133} & i(\overline{q}_{1}^{I}T^{A}u_{1})(\overline{q}_{3}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1211} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{1}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1212} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{1}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1213} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{2}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1221} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{2}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1222} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{2}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1223} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{2}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1231} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{2}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1231} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{3}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{3}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{3}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{3}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{3}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{3}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{3}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\overline{q}_{1}^{I}T^{A}u_{2})(\overline{q}_{2}^{J}T^{A}d_{2})\varepsilon_{IJ}/$	cquqd8Im1112	$i(\bar{q}_1^I T^A u_1)(\bar{q}_1^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{llll} {\rm cquqd8Im1122} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{1})(\bar{q}_{2}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1123} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{1})(\bar{q}_{2}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1131} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{1})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1132} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{1})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1133} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{1})(\bar{q}_{3}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1211} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1212} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1213} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1222} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1222} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1223} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1231} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{3}^{$	cquqd8Im1113	$i(\bar{q}_1^I T^A u_1)(\bar{q}_1^J T^A d_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{llll} {\rm cquqd8Im1123} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{1})(\bar{q}_{2}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1131} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{1})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1132} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{1})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1133} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{1})(\bar{q}_{3}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1211} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1212} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1213} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1221} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1222} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1223} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1231} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{$	cquqd8Im1121	$i(\bar{q}_1^I T^A u_1)(\bar{q}_2^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{lllll} {\rm cquqd8Im1131} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{1})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1132} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{1})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1133} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{1})(\bar{q}_{3}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1211} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1212} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1213} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1221} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1222} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1223} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1231} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar$	cquqd8Im1122	$i(\bar{q}_1^I T^A u_1)(\bar{q}_2^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{llll} {\rm cquqd8Im1132} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{1})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1133} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{1})(\bar{q}_{3}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1211} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1212} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1213} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1221} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1222} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1223} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1231} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{$	cquqd8Im1123	$i(\bar{q}_1^I T^A u_1)(\bar{q}_2^J T^A d_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{llll} {\rm cquqd8Im1133} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{1})(\bar{q}_{3}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1211} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1212} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1213} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1221} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1222} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1223} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1231} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{1}^{$	cquqd8Im1131	$i(\bar{q}_1^I T^A u_1)(\bar{q}_3^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{llll} {\rm cquqd8Im1211} & & & & & & & & & & & & & & & & & \\ {\rm cquqd8Im1212} & & & & & & & & & & & & & & & \\ {\rm cquqd8Im1212} & & & & & & & & & & & & & & & \\ {\rm cquqd8Im1212} & & & & & & & & & & & & & & \\ {\rm cquqd8Im1213} & & & & & & & & & & & & & \\ {\rm cquqd8Im1213} & & & & & & & & & & & & & \\ {\rm cquqd8Im1221} & & & & & & & & & & & & \\ {\rm cquqd8Im1221} & & & & & & & & & & & & \\ {\rm cquqd8Im1222} & & & & & & & & & & & & \\ {\rm cquqd8Im1222} & & & & & & & & & & \\ {\rm cquqd8Im1222} & & & & & & & & & & \\ {\rm cquqd8Im1223} & & & & & & & & & \\ {\rm cquqd8Im1223} & & & & & & & & & \\ {\rm cquqd8Im1231} & & & & & & & & & \\ {\rm cquqd8Im1231} & & & & & & & & \\ {\rm cquqd8Im1232} & & & & & & & & \\ {\rm cquqd8Im1232} & & & & & & & \\ {\rm cquqd8Im1232} & & & & & & & \\ {\rm cquqd8Im1232} & & & & & & & \\ {\rm cquqd8Im1232} & & & & & & & \\ {\rm cquqd8Im1232} & & & & & & \\ {\rm cquqd8Im1232} & & & & & & \\ {\rm cquqd8Im1232} & & & & & & \\ {\rm cquqd8Im1232} & & & & \\ {\rm cquqd8Im1232} & & & & & \\ {\rm cquqd8Im1232} & & \\ {\rm cquqd8Im1232} & & & \\ {\rm cquqd8Im1232} & & \\ {\rm cquqd8$	cquqd8Im1132	$i(\bar{q}_1^I T^A u_1)(\bar{q}_3^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{llll} {\rm cquqd8Im1211} & & & & & & & & & & & & & & & & & \\ {\rm cquqd8Im1212} & & & & & & & & & & & & & & & \\ {\rm cquqd8Im1212} & & & & & & & & & & & & & & & \\ {\rm cquqd8Im1212} & & & & & & & & & & & & & & \\ {\rm cquqd8Im1213} & & & & & & & & & & & & & \\ {\rm cquqd8Im1213} & & & & & & & & & & & & & \\ {\rm cquqd8Im1221} & & & & & & & & & & & & \\ {\rm cquqd8Im1221} & & & & & & & & & & & & \\ {\rm cquqd8Im1222} & & & & & & & & & & & & \\ {\rm cquqd8Im1222} & & & & & & & & & & \\ {\rm cquqd8Im1222} & & & & & & & & & & \\ {\rm cquqd8Im1223} & & & & & & & & & \\ {\rm cquqd8Im1223} & & & & & & & & & \\ {\rm cquqd8Im1231} & & & & & & & & & \\ {\rm cquqd8Im1231} & & & & & & & & \\ {\rm cquqd8Im1232} & & & & & & & & \\ {\rm cquqd8Im1232} & & & & & & & \\ {\rm cquqd8Im1232} & & & & & & & \\ {\rm cquqd8Im1232} & & & & & & & \\ {\rm cquqd8Im1232} & & & & & & & \\ {\rm cquqd8Im1232} & & & & & & \\ {\rm cquqd8Im1232} & & & & & & \\ {\rm cquqd8Im1232} & & & & & & \\ {\rm cquqd8Im1232} & & & & \\ {\rm cquqd8Im1232} & & & & & \\ {\rm cquqd8Im1232} & & \\ {\rm cquqd8Im1232} & & & \\ {\rm cquqd8Im1232} & & \\ {\rm cquqd8$	cquqd8Im1133	$i(\bar{q}_1^I T^A u_1)(\bar{q}_3^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{llll} {\rm cquqd8Im1212} & & & & & i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{1}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1213} & & & & & i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{1}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1221} & & & & & i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{2}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1222} & & & & & i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{2}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1223} & & & & i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{2}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1231} & & & & & i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{3}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & & & & i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{3}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	cquqd8Im1211	$i(\bar{q}_1^I T^A u_2)(\bar{q}_1^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
$\begin{array}{llll} {\rm cquqd8Im1213} & i(\bar{q}_{1}^{\bar{1}}T^{A}u_{2})(\bar{q}_{1}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc} & {\rm R} \\ {\rm cquqd8Im1221} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc} & {\rm R} \\ {\rm cquqd8Im1222} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc} & {\rm R} \\ {\rm cquqd8Im1223} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc} & {\rm R} \\ {\rm cquqd8Im1231} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc} & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc} & {\rm R} \\ \end{array}$		$i(\bar{q}_1^I T^A u_2)(\bar{q}_1^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{lll} {\rm cquqd8Im1221} & & & & & i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{2}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1222} & & & & & i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{2}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1223} & & & & & i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{2}^{J}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1231} & & & & & i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{3}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & & & & i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{3}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	cquqd8Im1213	$i(\bar{q}_1^I T^A u_2)(\bar{q}_1^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{lll} {\rm cquqd8Im1222} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1223} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1231} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	cquqd8Im1221		${ m R}$
$\begin{array}{lll} {\rm cquqd8Im1223} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{2}^{\bar{J}}T^{A}d_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1231} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm cquqd8Im1232} & i(\bar{q}_{1}^{\bar{I}}T^{A}u_{2})(\bar{q}_{3}^{\bar{J}}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	cquqd8Im1222		${ m R}$
cquqd8Im1231 $i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{3}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2}+hc \qquad \qquad \mathbf{R}$ cquqd8Im1232 $i(\bar{q}_{1}^{I}T^{A}u_{2})(\bar{q}_{3}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2}+hc \qquad \qquad \mathbf{R}$			${ m R}$
cquqd8Im1232 $i(\bar{q}_1^I T^A u_2)(\bar{q}_3^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$ R			R
	cquqd8Im1232	$i(\bar{q}_1^I T^A u_2)(\bar{q}_3^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
	cquqd8Im1233		\mathbf{R}

WC name	Operator	Type
cquqd8Im1311	$i(\bar{q}_1^I T^A u_3)(\bar{q}_1^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im1312	$i(\bar{q}_1^I T^A u_3)(\bar{q}_1^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im1313	$i(\bar{q}_1^I T^A u_3)(\bar{q}_1^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im1321	$i(\bar{q}_1^I T^A u_3)(\bar{q}_2^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im1322	$i(\bar{q}_1^I T^A u_3)(\bar{q}_2^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im1323	$i(\bar{q}_1^I T^A u_3)(\bar{q}_2^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im1331	$i(\bar{q}_1^I T^A u_3)(\bar{q}_3^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd8Im1332	$i(\bar{q}_1^I T^A u_3)(\bar{q}_3^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im1333	$i(\bar{q}_1^I T^A u_3)(\bar{q}_3^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2111	$i(\bar{q}_2^I T^A u_1)(\bar{q}_1^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2112	$i(\bar{q}_2^I T^A u_1)(\bar{q}_1^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2113	$i(\bar{q}_2^I T^A u_1)(\bar{q}_1^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2121	$i(\bar{q}_2^I T^A u_1)(\bar{q}_2^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2122	$i(\bar{q}_2^I T^A u_1)(\bar{q}_2^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2123	$i(\bar{q}_2^I T^A u_1)(\bar{q}_2^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2131	$i(\bar{q}_2^I T^A u_1)(\bar{q}_3^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2132	$i(\bar{q}_2^I T^A u_1)(\bar{q}_3^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2133	$i(\bar{q}_2^I T^A u_1)(\bar{q}_3^J T^A d_3) \varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2211	$i(\bar{q}_2^I T^A u_2)(\bar{q}_1^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2212	$i(\bar{q}_2^I T^A u_2)(\bar{q}_1^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2213	$i(\bar{q}_2^I T^A u_2)(\bar{q}_1^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2221	$i(\bar{q}_2^I T^A u_2)(\bar{q}_2^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im2222	$i(\bar{q}_2^I T^A u_2)(\bar{q}_2^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2223	$i(\bar{q}_2^I T^A u_2)(\bar{q}_2^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2231	$i(\bar{q}_2^I T^A u_2)(\bar{q}_3^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2232	$i(\bar{q}_2^I T^A u_2)(\bar{q}_3^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2233	$i(\bar{q}_2^I T^A u_2)(\bar{q}_3^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2311	$i(\bar{q}_1^I T^A u_3)(\bar{q}_1^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2312	$i(\bar{q}_2^I T^A u_3)(\bar{q}_1^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2313	$i(\bar{q}_1^I T^A u_3)(\bar{q}_1^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2321	$i(\bar{q}_2^I T^A u_3)(\bar{q}_2^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2322	$i(\bar{q}_2^I T^A u_3)(\bar{q}_2^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2323	$i(\bar{q}_2^I T^A u_3)(\bar{q}_2^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2331	$i(\bar{q}_2^I T^A u_3)(\bar{q}_3^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2332	$i(\bar{q}_2^I T^A u_3)(\bar{q}_3^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im2333	$i(\bar{q}_2^I T^A u_3)(\bar{q}_3^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im3111	$i(\bar{q}_3^I T^A u_1)(\bar{q}_1^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3112	$i(\bar{q}_3^I T^A u_1)(\bar{q}_1^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3113	$i(\bar{q}_3^I T^A u_1)(\bar{q}_1^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3121	$i(\bar{q}_3^I T^A u_1)(\bar{q}_2^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd8Im3122	$i(\bar{q}_3^I T^A u_1)(\bar{q}_2^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3123	$i(\bar{q}_3^I T^A u_1)(\bar{q}_2^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
	$\iota(q_3 \perp u_1)(q_2 \perp u_3) \varepsilon_{IJ/1} \varepsilon_V + \iota\iota\varepsilon$	
cquqd8Im3131	$i(\bar{q}_{3}^{I}T^{A}u_{1})(\bar{q}_{2}^{I}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2}+hc$ $i(\bar{q}_{3}^{I}T^{A}u_{1})(\bar{q}_{3}^{J}T^{A}d_{1})\varepsilon_{IJ}/TeV^{2}+hc$ $i(\bar{q}_{3}^{I}T^{A}u_{1})(\bar{q}_{3}^{J}T^{A}d_{2})\varepsilon_{IJ}/TeV^{2}+hc$	R

WC name	Operator	Type
cquqd8Im3133	$i(\bar{q}_3^I T^A u_1)(\bar{q}_3^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3211	$i(\bar{q}_3^I T^A u_2)(\bar{q}_1^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3212	$i(\bar{q}_3^I T^A u_2)(\bar{q}_1^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3213	$i(\bar{q}_3^I T^A u_2)(\bar{q}_1^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3221	$i(\bar{q}_3^I T^A u_2)(\bar{q}_2^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3222	$i(\bar{q}_3^I T^A u_2)(\bar{q}_2^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
cquqd8Im3223	$i(\bar{q}_3^I T^A u_2)(\bar{q}_2^J T^A d_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
cquqd8Im3231	$i(\bar{q}_3^I T^A u_2)(\bar{q}_3^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3232	$i(\bar{q}_3^I T^A u_2)(\bar{q}_3^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3233	$i(\bar{q}_3^I T^A u_2)(\bar{q}_3^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3311	$i(\bar{q}_3^I T^A u_3)(\bar{q}_1^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3312	$i(\bar{q}_3^I T^A u_3)(\bar{q}_1^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3313	$i(\bar{q}_3^I T^A u_3)(\bar{q}_1^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3321	$i(\bar{q}_3^I T^A u_3)(\bar{q}_2^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3322	$i(\bar{q}_3^I T^A u_3)(\bar{q}_2^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3323	$i(\bar{q}_3^I T^A u_3)(\bar{q}_2^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3331	$i(\bar{q}_3^I T^A u_3)(\bar{q}_3^J T^A d_1)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3332	$i(\bar{q}_3^I T^A u_3)(\bar{q}_3^J T^A d_2)\varepsilon_{IJ}/TeV^2 + hc$	R
cquqd8Im3333	$i(\bar{q}_3^I T^A u_3)(\bar{q}_3^J T^A d_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Re1111	$(\bar{\ell}_1^I e_1)(\bar{q}_1^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re1112	$(\bar{\ell}_{\underline{1}}^{I}e_{1})(\bar{q}_{\underline{1}}^{J}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$	R
clequ1Re1113	$(\bar{\ell}_1^I e_1)(\bar{q}_1^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re1121	$(\bar{\ell}_1^I e_1)(\bar{q}_2^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ1Re1122	$(\bar{\ell}_1^I e_1)(\bar{q}_2^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re1123	$(\bar{\ell}_1^I e_1)(\bar{q}_2^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re1131	$(\bar{\ell}_1^I e_1)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re1132	$(\bar{\ell}_1^I e_1)(\bar{q}_3^J u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re1133	$(\bar{\ell}_1^I e_1)(\bar{q}_3^J u_3) \varepsilon_{IJ} / TeV^2 + hc$	R
clequ1Re1211	$(\bar{\ell}_1^I e_2)(\bar{q}_1^J u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re1212	$(\bar{\ell}_1^{\bar{I}}e_2)(\bar{q}_1^{\bar{J}}u_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ1Re1213	$(\bar{\ell}_1^I e_2)(\bar{q}_1^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ1Re1221	$(\bar{\ell}_1^I e_2)(\bar{q}_2^J u_1) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ1Re1222	$(\bar{\ell}_1^{\bar{I}}e_2)(\bar{q}_2^{\bar{J}}u_2)\varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ1Re1223	$(\bar{\ell}_1^{\bar{I}}e_2)(\bar{q}_2^{\bar{J}}u_3)\varepsilon_{I\bar{J}}/TeV^2 + hc$	${ m R}$
clequ1Re1231	$(\bar{\ell}_1^{\bar{I}}e_2)(\bar{q}_3^{\bar{J}}u_1)arepsilon_{IJ}/TeV^2+hc$	R
clequ1Re1232	$(\bar{\ell}_1^{\bar{I}}e_2)(\bar{q}_3^{\bar{J}}u_2)\varepsilon_{I\bar{J}}/TeV^2+hc$	\mathbf{R}
clequ1Re1233	$(\bar{\ell}_{1}^{I}e_{2})(\bar{q}_{3}^{J}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$	R
clequ1Re1311	$(\bar{\ell}_I^{1}e_2)(\bar{q}_3^{1}u_1)arepsilon_{IJ}/TeV^2+hc$	R
clequ1Re1312	$(\bar{\ell}_I^{I}e_3)(\bar{q}_I^{I}u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re1313	$(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{1}^{I}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$	R
clequ1Re1321	$(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{1}^{J}u_{1})\varepsilon_{IJ}/TeV^{2}+hc$	R
clequ1Re1322	$(\bar{\ell}_1^I e_3)(\bar{q}_2^J u_1)\varepsilon_{IJ}/IeV$ + hc $(\bar{\ell}_1^I e_3)(\bar{q}_2^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re1323	$(\bar{\ell}_1^{I}e_3)(\bar{q}_2^{J}u_2)\varepsilon_{IJ}/IeV$ + hc $(\bar{\ell}_1^{I}e_3)(\bar{q}_2^{J}u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
credarmersss	$(c_1c_3)(q_2u_3)c_{IJ/I}c_V + uc$	11

clequIRe1331	WC name	Operator	Type
clequ1Re1332	clequ1Re1331	$(\bar{\ell}_1^I e_3)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re2111	clequ1Re1332	$(\bar{\ell}_1^I e_3)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Re2112	clequ1Re1333	$(\bar{\ell}_1^I e_3)(\bar{q}_3^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re2113	clequ1Re2111	$(\bar{\ell}_2^I e_1)(\bar{q}_1^J u_1) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Re2121 ($\overline{\ell_2^1}e_1$)($\overline{q_2^1}u_1$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2122 ($\overline{\ell_2^1}e_1$)($\overline{q_2^1}u_2$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2133 ($\overline{\ell_2^1}e_1$)($\overline{q_2^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2131 ($\overline{\ell_2^1}e_1$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2132 ($\overline{\ell_2^1}e_1$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2133 ($\overline{\ell_2^1}e_1$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2131 ($\overline{\ell_2^1}e_1$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2121 ($\overline{\ell_2^1}e_2$)($\overline{q_1^1}u_1$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2121 ($\overline{\ell_2^1}e_2$)($\overline{q_1^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2131 ($\overline{\ell_2^1}e_2$)($\overline{q_1^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2131 ($\overline{\ell_2^1}e_2$)($\overline{q_1^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2222 ($\overline{\ell_2^1}e_2$)($\overline{q_2^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2223 ($\overline{\ell_2^1}e_2$)($\overline{q_2^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2223 ($\overline{\ell_2^1}e_2$)($\overline{q_2^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2231 ($\overline{\ell_2^1}e_2$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2232 ($\overline{\ell_2^1}e_2$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2231 ($\overline{\ell_2^1}e_2$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2311 ($\overline{\ell_2^1}e_3$)($\overline{q_1^1}u_1$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2312 ($\overline{\ell_2^1}e_3$)($\overline{q_1^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2313 ($\overline{\ell_2^1}e_3$)($\overline{q_1^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2312 ($\overline{\ell_2^1}e_3$)($\overline{q_1^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2313 ($\overline{\ell_2^1}e_3$)($\overline{q_1^2}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2322 ($\overline{\ell_2^1}e_3$)($\overline{q_1^2}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2323 ($\overline{\ell_2^1}e_3$)($\overline{q_1^2}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2323 ($\overline{\ell_2^1}e_3$)($\overline{q_2^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3313 ($\overline{\ell_2^1}e_3$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3112 ($\overline{\ell_3^1}e_3$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3113 ($\overline{\ell_3^1}e_3$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3112 ($\overline{\ell_3^1}e_3$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3113 ($\overline{\ell_3^1}e_3$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3113 ($\overline{\ell_3^1}e_3$)($\overline{q_3^1}u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3121 ($\overline{\ell_3^1}e_3$)(clequ1Re2112		R
$\begin{array}{llll} {\rm clequ1Re2122} & & & & & & & & & & & & & & & & & & $	clequ1Re2113		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2121	$(\bar{\ell}_2^I e_1)(\bar{q}_2^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2122		\mathbf{R}
clequ1Re2132 $(\frac{l_2}{l_2}e_1)(\frac{a_3}{q_3}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2133 $(\frac{l_2}{l_2}e_1)(\frac{a_3}{q_3}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2211 $(\frac{l_2}{l_2}e_2)(\frac{a_1}{q_1}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2212 $(\frac{l_2}{l_2}e_2)(\frac{a_1}{q_1}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2213 $(\frac{l_2}{l_2}e_2)(\frac{a_2}{q_2}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2221 $(\frac{l_2}{l_2}e_2)(\frac{a_2}{q_2}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2222 $(\frac{l_2}{l_2}e_2)(\frac{a_2}{q_2}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2223 $(\frac{l_2}{l_2}e_2)(\frac{a_2}{q_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2231 $(\frac{l_2}{l_2}e_2)(\frac{a_2}{q_3}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2332 $(\frac{l_2}{l_2}e_2)(\frac{a_2}{q_3}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2333 $(\frac{l_2}{l_2}e_2)(\frac{a_2}{q_3}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2311 $(\frac{l_2}{l_2}e_3)(\frac{a_1}{q_1}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2312 $(\frac{l_2}{l_2}e_3)(\frac{a_1}{q_1}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2312 $(\frac{l_2}{l_2}e_3)(\frac{a_1}{q_1}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2313 $(\frac{l_2}{l_2}e_3)(\frac{a_1}{q_1}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2321 $(\frac{l_2}{l_2}e_3)(\frac{a_1}{q_1}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2321 $(\frac{l_2}{l_2}e_3)(\frac{a_2}{q_1}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2322 $(\frac{l_2}{l_2}e_3)(\frac{a_2}{l_2}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2331 $(\frac{l_2}{l_2}e_3)(\frac{a_2}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2331 $(\frac{l_2}{l_2}e_3)(\frac{a_2}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re2332 $(\frac{l_2}{l_2}e_3)(\frac{a_2}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3332 $(\frac{l_2}{l_2}e_3)(\frac{a_2}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3311 $(\frac{l_3}{l_2}e_1)(\frac{a_1}{l_2}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3112 $(\frac{l_3}{l_2}e_1)(\frac{a_1}{l_2}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3112 $(\frac{l_3}{l_2}e_1)(\frac{a_1}{l_2}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3121 $(\frac{l_3}{l_2}e_1)(\frac{a_1}{l_2}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3121 $(\frac{l_3}{l_2}e_1)(\frac{a_1}{l_2}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3131 $(\frac{l_3}{l_2}e_1)(\frac{a_1}{l_2}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3132 $(\frac{l_3}{l_2}e_1)(\frac{a_1}{l_2}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3133 $(\frac{l_3}{l_2}e_1)(\frac{a_1}{l_2}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3133 $(\frac{l_3}{l_2}e_1)(a_$	clequ1Re2123		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2131	$(\bar{\ell}_2^I e_1)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2132	$(\bar{\ell}_2^I e_1)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2133	$(\bar{\ell}_2^I e_1)(\bar{q}_3^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2211	$(\bar{\ell}_2^I e_2)(\bar{q}_1^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2212	$(\bar{\ell}_2^I e_2)(\bar{q}_1^J u_2) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2213	$(\bar{\ell}_2^I e_2)(\bar{q}_1^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2221	$(\bar{\ell}_2^I e_2)(\bar{q}_2^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2222	$(\bar{\ell}_2^I e_2)(\bar{q}_2^J u_2) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2223	$(\bar{\ell}_2^I e_2)(\bar{q}_2^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2231	$(\bar{\ell}_2^I e_2)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2232	$(\bar{\ell}_2^I e_2)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2233	$(\bar{\ell}_2^I e_2)(\bar{q}_3^J u_3) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2311	$(\bar{\ell}_2^I e_3)(\bar{q}_1^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2312		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2313	$(\bar{\ell}_2^I e_3)(\bar{q}_1^J u_3) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2321	$(\bar{\ell}_2^I e_3)(\bar{q}_2^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2322	$(\bar{\ell}_2^I e_3)(\bar{q}_2^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2323	$(\bar{\ell}_2^I e_3)(\bar{q}_2^J u_3) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2331	$(\bar{\ell}_2^I e_3)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2332	$(\bar{\ell}_2^I e_3)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re2333		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re3111	$(\bar{\ell}_3^I e_1)(\bar{q}_1^J u_1) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re3112	$(\bar{\ell}_3^I e_1)(\bar{q}_1^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} \text{clequ1Re3122} & (\bar{\ell}_{3}^{J}e_{1})(\bar{q}_{2}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3123} & (\bar{\ell}_{3}^{J}e_{1})(\bar{q}_{2}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3131} & (\bar{\ell}_{3}^{J}e_{1})(\bar{q}_{3}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3132} & (\bar{\ell}_{3}^{J}e_{1})(\bar{q}_{3}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3133} & (\bar{\ell}_{3}^{J}e_{1})(\bar{q}_{3}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3211} & (\bar{\ell}_{3}^{J}e_{2})(\bar{q}_{1}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3212} & (\bar{\ell}_{3}^{J}e_{2})(\bar{q}_{1}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ1Re3113	$(\bar{\ell}_3^I e_1)(\bar{q}_1^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} \text{clequ1Re3122} & (\bar{\ell}_{3}^{J}e_{1})(\bar{q}_{2}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3123} & (\bar{\ell}_{3}^{J}e_{1})(\bar{q}_{2}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3131} & (\bar{\ell}_{3}^{J}e_{1})(\bar{q}_{3}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3132} & (\bar{\ell}_{3}^{J}e_{1})(\bar{q}_{3}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3133} & (\bar{\ell}_{3}^{J}e_{1})(\bar{q}_{3}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3211} & (\bar{\ell}_{3}^{J}e_{2})(\bar{q}_{1}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3212} & (\bar{\ell}_{3}^{J}e_{2})(\bar{q}_{1}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ1Re3121	$(\bar{\ell}_3^I e_1)(\bar{q}_2^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{lll} \text{clequ1Re3131} & (\bar{\ell}_{3}^{\bar{I}}e_{1})(\bar{q}_{3}^{\bar{J}}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3132} & (\bar{\ell}_{3}^{\bar{J}}e_{1})(\bar{q}_{3}^{\bar{J}}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3133} & (\bar{\ell}_{3}^{\bar{I}}e_{1})(\bar{q}_{3}^{\bar{J}}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3211} & (\bar{\ell}_{3}^{\bar{J}}e_{2})(\bar{q}_{1}^{\bar{J}}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3212} & (\bar{\ell}_{3}^{\bar{J}}e_{2})(\bar{q}_{1}^{\bar{J}}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ1Re3122	$(\bar{\ell}_3^I e_1)(\bar{q}_2^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{lll} \text{clequ1Re3132} & (\bar{\ell}_{3}^{\bar{I}}e_{1})(\bar{q}_{3}^{\bar{J}}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3133} & (\bar{\ell}_{3}^{\bar{I}}e_{1})(\bar{q}_{3}^{\bar{J}}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3211} & (\bar{\ell}_{3}^{\bar{I}}e_{2})(\bar{q}_{1}^{\bar{I}}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3212} & (\bar{\ell}_{3}^{\bar{I}}e_{2})(\bar{q}_{1}^{\bar{I}}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ1Re3123		R
$ \begin{array}{lll} \text{clequ1Re3133} & (\overline{\ell_{3}^{I}}e_{1})(\overline{q_{3}^{J}}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3211} & (\overline{\ell_{3}^{I}}e_{2})(\overline{q_{1}^{I}}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Re3212} & (\overline{\ell_{3}^{I}}e_{2})(\overline{q_{1}^{I}}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array} $	clequ1Re3131		\mathbf{R}
clequ1Re3211 $ \begin{array}{ll} (\bar{\ell_{3}^{J}}e_{2})(\bar{q}_{1}^{J}u_{1})\varepsilon_{IJ}/TeV^{2}+hc & \mathrm{R} \\ \mathrm{clequ1Re3212} & (\bar{\ell_{3}^{J}}e_{2})(\bar{q}_{1}^{J}u_{2})\varepsilon_{IJ}/TeV^{2}+hc & \mathrm{R} \end{array} $	clequ1Re3132	$(\bar{\ell}_3^I e_1)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re3212 $(ar{\ell}_3^{I}e_2)(ar{q}_1^{J}u_2)arepsilon_{IJ}/TeV^2+hc$ R	clequ1Re3133		${ m R}$
	clequ1Re3211		${ m R}$
clequ1Re3213 $(ar{\ell}_3^Ie_2)(ar{q}_1^Ju_3)arepsilon_{IJ}/TeV^2+hc$ R	clequ1Re3212		R
	clequ1Re3213	$(\bar{\ell}_3^I e_2)(\bar{q}_1^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}

clequ1Re3221 ($(\overline{l}_3^2e_2)((\overline{q}_2^2u_1)\varepsilon_{IJ}/TeV^2 + hc$ Clequ1Re3222 ($(\overline{l}_3^2e_2)((\overline{q}_2^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ Clequ1Re3223 ($(\overline{l}_3^2e_2)((\overline{q}_2^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3231 ($(\overline{l}_3^2e_2)((\overline{q}_2^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3232 ($(\overline{l}_3^2e_2)((\overline{q}_3^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3233 ($(\overline{l}_3^2e_3)((\overline{q}_3^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3313 ($(\overline{l}_3^2e_3)((\overline{q}_1^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3311 ($(\overline{l}_3^2e_3)((\overline{q}_1^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3312 ($(\overline{l}_3^2e_3)((\overline{q}_1^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3312 ($(\overline{l}_3^2e_3)((\overline{q}_1^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3321 ($(\overline{l}_3^2e_3)((\overline{q}_1^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3321 ($(\overline{l}_3^2e_3)((\overline{q}_2^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3322 ($(\overline{l}_3^2e_3)((\overline{q}_2^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3332 ($(\overline{l}_3^2e_3)((\overline{q}_2^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3333 ($(\overline{l}_3^2e_3)((\overline{q}_3^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3333 ($(\overline{l}_3^2e_3)((\overline{q}_3^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Re3333 ($(\overline{l}_3^2e_3)((\overline{q}_3^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Im1111 ($(\overline{l}_1^2e_1)((\overline{q}_1^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Im1112 ($(\overline{l}_1^2e_1)((\overline{q}_1^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Im1112 ($(\overline{l}_1^2e_1)((\overline{q}_1^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Im1113 ($(\overline{l}_1^2e_1)((\overline{q}_1^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Im1121 ($(\overline{l}_1^2e_1)((\overline{q}_1^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Im1122 ($(\overline{l}_1^2e_1)((\overline{q}_1^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Im1123 ($(\overline{l}_1^2e_1)((\overline{q}_2^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Im1123 ($(\overline{l}_1^2e_1)((\overline{q}_3^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Im121 ($(\overline{l}_1^2e_1)((\overline{q}_3^2u_3)\varepsilon_{IJ}/TeV^2 + hc$ R Clequ1Im131 ($(\overline{l}_1^2e_1)((\overline{q}_3^2u_3$	WC name	Operator	Type
clequ1Re3223	clequ1Re3221	$(\bar{\ell}_3^I e_2)(\bar{q}_2^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re3231	clequ1Re3222	$(\bar{\ell}_3^I e_2)(\bar{q}_2^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Re3232	clequ1Re3223	$(\bar{\ell}_3^I e_2)(\bar{q}_2^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Re3233	clequ1Re3231	$(\bar{\ell}_3^I e_2)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Re3311 ($\bar{\ell}_3^1e_3$)($\bar{q}_1^1u_1$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3312 ($\bar{\ell}_3^1e_3$)($\bar{q}_1^1u_2$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3313 ($\bar{\ell}_3^1e_3$)($\bar{q}_1^1u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3321 ($\bar{\ell}_3^1e_3$)($\bar{q}_2^1u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3322 ($\bar{\ell}_3^1e_3$)($\bar{q}_2^1u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3323 ($\bar{\ell}_3^1e_3$)($\bar{q}_3^1u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3323 ($\bar{\ell}_3^1e_3$)($\bar{q}_3^1u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3332 ($\bar{\ell}_3^1e_3$)($\bar{q}_3^1u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3333 ($\bar{\ell}_3^1e_3$)($\bar{q}_3^1u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3333 ($\bar{\ell}_3^1e_3$)($\bar{q}_3^1u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3333 ($\bar{\ell}_3^1e_3$)($\bar{q}_3^1u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1111 $i(\bar{\ell}_1^1e_1)(\bar{q}_1^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1112 $i(\bar{\ell}_1^1e_1)(\bar{q}_1^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1121 $i(\bar{\ell}_1^1e_1)(\bar{q}_2^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1121 $i(\bar{\ell}_1^1e_1)(\bar{q}_2^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1122 $i(\bar{\ell}_1^1e_1)(\bar{q}_2^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1123 $i(\bar{\ell}_1^1e_1)(\bar{q}_2^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1132 $i(\bar{\ell}_1^1e_1)(\bar{q}_2^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im133 $i(\bar{\ell}_1^1e_1)(\bar{q}_3^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im121 $i(\bar{\ell}_1^1e_1)(\bar{q}_3^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im122 $i(\bar{\ell}_1^1e_1)(\bar{q}_3^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im121 $i(\bar{\ell}_1^1e_2)(\bar{q}_1^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im122 $i(\bar{\ell}_1^1e_2)(\bar{q}_1^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1223 $i(\bar{\ell}_1^1e_2)(\bar{q}_1^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1231 $i(\bar{\ell}_1^1e_2)(\bar{q}_1^2u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1232 $i(\bar{\ell}_1^1e_2)(\bar{q}_3^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im131 $i(\bar{\ell}_1^1e_3)(\bar{q}_1^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im131 $i(\bar{\ell}_1^1e_3)(\bar{q}_1^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im132 $i(\bar{\ell}_1^1e_3)(\bar{q}_1^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im132 $i(\bar{\ell}_1^1e_3)(\bar{q}_1^1u_1$	clequ1Re3232	$(\bar{\ell}_3^I e_2)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Re3312 $(\bar{\ell}_3^1e_3)(\bar{q}_1^1u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3313 $(\bar{\ell}_3^1e_3)(\bar{q}_1^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3321 $(\bar{\ell}_3^1e_3)(\bar{q}_2^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3322 $(\bar{\ell}_3^1e_3)(\bar{q}_2^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3323 $(\bar{\ell}_3^1e_3)(\bar{q}_2^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3333 $(\bar{\ell}_3^1e_3)(\bar{q}_3^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3334 $(\bar{\ell}_3^1e_3)(\bar{q}_3^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3335 $(\bar{\ell}_3^1e_3)(\bar{q}_3^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3333 $(\bar{\ell}_3^1e_3)(\bar{q}_3^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1111 $i(\bar{\ell}_1^1e_1)(\bar{q}_1^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1112 $i(\bar{\ell}_1^1e_1)(\bar{q}_1^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1112 $i(\bar{\ell}_1^1e_1)(\bar{q}_2^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im112 $i(\bar{\ell}_1^1e_1)(\bar{q}_2^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1120 $i(\bar{\ell}_1^1e_1)(\bar{q}_2^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im121 $i(\bar{\ell}_1^1e_1)(\bar{q}_2^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im122 $i(\bar{\ell}_1^1e_1)(\bar{q}_2^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im130 $i(\bar{\ell}_1^1e_1)(\bar{q}_2^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im131 $i(\bar{\ell}_1^1e_1)(\bar{q}_2^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im132 $i(\bar{\ell}_1^1e_1)(\bar{q}_3^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im122 $i(\bar{\ell}_1^1e_1)(\bar{q}_3^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im121 $i(\bar{\ell}_1^1e_1)(\bar{q}_3^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1210 $i(\bar{\ell}_1^1e_1)(\bar{q}_3^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1211 $i(\bar{\ell}_1^1e_1)(\bar{q}_3^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1212 $i(\bar{\ell}_1^1e_2)(\bar{q}_1^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1221 $i(\bar{\ell}_1^1e_2)(\bar{q}_2^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1223 $i(\bar{\ell}_1^1e_2)(\bar{q}_3^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1231 $i(\bar{\ell}_1^1e_2)(\bar{q}_3^1u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im131 $i(\bar{\ell}_1^1e_3)(\bar{q}_3^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im131 $i(\bar{\ell}_1^1e_3)(\bar{q}_3^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im131 $i(\bar{\ell}_1^1e_3)(\bar{q}_3^1u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1321 $i(\ell$	clequ1Re3233	$(\bar{\ell}_3^I e_2)(\bar{q}_3^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Re3313 $(\bar{\ell}_{3}^{1}e_{3})(\bar{q}_{1}^{1}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Re3321 $(\bar{\ell}_{3}^{1}e_{3})(\bar{q}_{2}^{2}u_{1})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Re3322 $(\bar{\ell}_{3}^{1}e_{3})(\bar{q}_{2}^{2}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Re3323 $(\bar{\ell}_{3}^{1}e_{3})(\bar{q}_{3}^{2}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Re3331 $(\bar{\ell}_{3}^{1}e_{3})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Re3332 $(\bar{\ell}_{3}^{1}e_{3})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Re3333 $(\bar{\ell}_{3}^{1}e_{3})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1111 $i(\bar{\ell}_{1}^{1}e_{1})(\bar{q}_{1}^{1}u_{1})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1112 $i(\bar{\ell}_{1}^{1}e_{1})(\bar{q}_{1}^{1}u_{1})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1113 $i(\bar{\ell}_{1}^{1}e_{1})(\bar{q}_{1}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1121 $i(\bar{\ell}_{1}^{1}e_{1})(\bar{q}_{2}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1122 $i(\bar{\ell}_{1}^{1}e_{1})(\bar{q}_{2}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1123 $i(\bar{\ell}_{1}^{1}e_{1})(\bar{q}_{2}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1133 $i(\bar{\ell}_{1}^{1}e_{1})(\bar{q}_{2}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im133 $i(\bar{\ell}_{1}^{1}e_{1})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im133 $i(\bar{\ell}_{1}^{1}e_{1})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1211 $i(\bar{\ell}_{1}^{1}e_{2})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1221 $i(\bar{\ell}_{1}^{1}e_{2})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1221 $i(\bar{\ell}_{1}^{1}e_{2})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1221 $i(\bar{\ell}_{1}^{1}e_{2})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1222 $i(\bar{\ell}_{1}^{1}e_{2})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1223 $i(\bar{\ell}_{1}^{1}e_{2})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1231 $i(\bar{\ell}_{1}^{1}e_{2})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1331 $i(\bar{\ell}_{1}^{1}e_{2})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1311 $i(\bar{\ell}_{1}^{1}e_{2})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1311 $i(\bar{\ell}_{1}^{1}e_{3})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1312 $i(\bar{\ell}_{1}^{1}e_{3})(\bar{q}_{3}^{2}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ1Im1321 $i(\bar{\ell}_{1}^{1}e_{3})(\bar{q}_{3}^{2}u_{3})\varepsilon_{$	clequ1Re3311		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re3312	$(\bar{\ell}_3^I e_3)(\bar{q}_1^J u_2) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Re3322 $(\bar{\ell}_3^{\bar{\ell}}e_3)(\bar{q}_2^{\bar{\ell}}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3323 $(\bar{\ell}_3^{\bar{\ell}}e_3)(\bar{q}_2^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3331 $(\bar{\ell}_3^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3332 $(\bar{\ell}_3^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3333 $(\bar{\ell}_3^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im111 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_1^{\bar{\ell}}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1112 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_1^{\bar{\ell}}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1113 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_1^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im112 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_2^{\bar{\ell}}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im112 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_2^{\bar{\ell}}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im112 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_2^{\bar{\ell}}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1123 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_2^{\bar{\ell}}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im113 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_2^{\bar{\ell}}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im13 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_2^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im13 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im121 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im121 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im121 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im121 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im121 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im122 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im123 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im123 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im123 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im131 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im131 $i(\bar{\ell}_1^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im131 $i(\bar{\ell}_1^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im131 $i(\bar{\ell}_1^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im132 $i(\bar{\ell}_1^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}u_3)\varepsilon_{IJ}$	clequ1Re3313		R
clequ1Re3323 $(\bar{\ell}_3^{\bar{\ell}}e_3)(\bar{q}_2^{\bar{\ell}}y_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3331 $(\bar{\ell}_3^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3332 $(\bar{\ell}_3^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}y_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3333 $(\bar{\ell}_3^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}y_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1111 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_1^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1112 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_1^{\bar{\ell}}y_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im112 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_1^{\bar{\ell}}y_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im112 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_2^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1123 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_2^{\bar{\ell}}y_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1123 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_2^{\bar{\ell}}y_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1131 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_2^{\bar{\ell}}y_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im132 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_3^{\bar{\ell}}y_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im133 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_3^{\bar{\ell}}y_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1213 $i(\bar{\ell}_1^{\bar{\ell}}e_1)(\bar{q}_3^{\bar{\ell}}y_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1211 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1212 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1212 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1213 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1221 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1222 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1231 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1231 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1231 $i(\bar{\ell}_1^{\bar{\ell}}e_2)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1311 $i(\bar{\ell}_1^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1311 $i(\bar{\ell}_1^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1312 $i(\bar{\ell}_1^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1312 $i(\bar{\ell}_1^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1321 $i(\bar{\ell}_1^{\bar{\ell}}e_3)(\bar{q}_3^{\bar{\ell}}y_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1321 $i(\bar{\ell}_1^{\bar{\ell}}e_3)(q$	clequ1Re3321	$(\bar{\ell}_3^I e_3)(\bar{q}_2^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Re3331 $(\bar{\ell}_3^1 e_3)(\bar{q}_3^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Re3332 $(\bar{\ell}_3^1 e_3)(\bar{q}_3^J u_2) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1111 $i(\bar{\ell}_1^1 e_1)(\bar{q}_1^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1111 $i(\bar{\ell}_1^1 e_1)(\bar{q}_1^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1112 $i(\bar{\ell}_1^1 e_1)(\bar{q}_1^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1113 $i(\bar{\ell}_1^1 e_1)(\bar{q}_1^J u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1121 $i(\bar{\ell}_1^1 e_1)(\bar{q}_2^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1122 $i(\bar{\ell}_1^1 e_1)(\bar{q}_2^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1123 $i(\bar{\ell}_1^1 e_1)(\bar{q}_2^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1131 $i(\bar{\ell}_1^1 e_1)(\bar{q}_2^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1132 $i(\bar{\ell}_1^1 e_1)(\bar{q}_2^J u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im133 $i(\bar{\ell}_1^1 e_1)(\bar{q}_3^J u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im133 $i(\bar{\ell}_1^1 e_1)(\bar{q}_3^J u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im121 $i(\bar{\ell}_1^1 e_2)(\bar{q}_1^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1212 $i(\bar{\ell}_1^1 e_2)(\bar{q}_1^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1213 $i(\bar{\ell}_1^1 e_2)(\bar{q}_1^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1213 $i(\bar{\ell}_1^1 e_2)(\bar{q}_1^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1221 $i(\bar{\ell}_1^1 e_2)(\bar{q}_1^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1222 $i(\bar{\ell}_1^1 e_2)(\bar{q}_1^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1233 $i(\bar{\ell}_1^1 e_2)(\bar{q}_2^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1231 $i(\bar{\ell}_1^1 e_2)(\bar{q}_2^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1231 $i(\bar{\ell}_1^1 e_2)(\bar{q}_3^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1311 $i(\bar{\ell}_1^1 e_2)(\bar{q}_3^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1311 $i(\bar{\ell}_1^1 e_3)(\bar{q}_3^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1312 $i(\bar{\ell}_1^1 e_3)(\bar{q}_3^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1322 $i(\bar{\ell}_1^1 e_3)(\bar{q}_3^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1322 $i(\bar{\ell}_1^1 e_3)(\bar{q}_3^J u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ1Im1331 $i(\bar{\ell}_1^1 e_3)(\bar{q}_$	clequ1Re3322	$(\bar{\ell}_3^I e_3)(\bar{q}_2^J u_2) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Re3332	clequ1Re3323	$(\bar{\ell}_3^I e_3)(\bar{q}_2^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re3331	$(\bar{\ell}_3^I e_3)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re3332	$(\bar{\ell}_3^I e_3)(\bar{q}_3^J u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Re3333	$(\bar{\ell}_3^I e_3)(\bar{q}_3^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1111	$i(\bar{\ell}_1^I e_1)(\bar{q}_1^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1112	$i(\bar{\ell}_1^I e_1)(\bar{q}_1^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1113	$i(\bar{\ell}_1^I e_1)(\bar{q}_1^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1121		\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1122	$i(\bar{\ell}_1^I e_1)(\bar{q}_2^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1123	$i(\bar{\ell}_1^I e_1)(\bar{q}_2^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1131	$i(\bar{\ell}_1^I e_1)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1132	$i(\bar{\ell}_1^I e_1)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1133	$i(\bar{\ell}_1^I e_1)(\bar{q}_3^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1211	$i(\bar{\ell}_1^I e_2)(\bar{q}_1^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1212	$i(\bar{\ell}_1^I e_2)(\bar{q}_1^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1213	$i(\bar{\ell}_1^I e_2)(\bar{q}_1^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1221	$i(\bar{\ell}_1^I e_2)(\bar{q}_2^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1222	$i(\bar{\ell}_1^I e_2)(\bar{q}_2^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im1223		\mathbf{R}
$\begin{array}{llllllllllllllllllllllllllllllllllll$	clequ1Im1231		\mathbf{R}
$\begin{array}{llllllllllllllllllllllllllllllllllll$	clequ1Im1232	$i(\bar{\ell}_1^I e_2)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{llll} \text{clequ1Im1312} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{1}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1313} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{1}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1321} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{2}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1322} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{2}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1323} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{2}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1331} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{3}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1332} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{3}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ1Im1233	$i(\bar{\ell}_1^I e_2)(\bar{q}_3^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{llll} \text{clequ1Im1312} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{1}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1313} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{1}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1321} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{2}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1322} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{2}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1323} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{2}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1331} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{3}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1332} & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{3}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ1Im1311	$i(\bar{\ell}_1^I e_3)(\bar{q}_1^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$\begin{array}{lll} \text{clequ1Im1321} & i(\bar{\ell}_{1}^{\bar{I}}e_{3})(\bar{q}_{2}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1322} & i(\bar{\ell}_{1}^{\bar{I}}e_{3})(\bar{q}_{2}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1323} & i(\bar{\ell}_{1}^{\bar{I}}e_{3})(\bar{q}_{2}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1331} & i(\bar{\ell}_{1}^{\bar{I}}e_{3})(\bar{q}_{3}^{\bar{J}}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im1332} & i(\bar{\ell}_{1}^{\bar{I}}e_{3})(\bar{q}_{3}^{\bar{J}}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ1Im1312	$i(\bar{\ell}_1^I e_3)(\bar{q}_1^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	clequ1Im1313		\mathbf{R}
$ \begin{array}{lll} {\rm clequ1Im1323} & & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{2}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ1Im1331} & & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{3}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ1Im1332} & & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{3}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array} $	clequ1Im1321	$i(\bar{\ell}_1^I e_3)(\bar{q}_2^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
$ \begin{array}{lll} {\rm clequ1Im1323} & & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{2}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ1Im1331} & & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{3}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ1Im1332} & & i(\bar{\ell}_{1}^{I}e_{3})(\bar{q}_{3}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array} $	clequ1Im1322	$i(\bar{\ell}_1^I e_3)(\bar{q}_2^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Im1332 $i(\bar{\ell}_1^Ie_3)(\bar{q}_3^Ju_2)arepsilon_{IJ}/TeV^2+hc$ R	clequ1Im1323	$i(\bar{\ell}_1^I e_3)(\bar{q}_2^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Im1332 $i(\bar{\ell}_1^Ie_3)(\bar{q}_3^Ju_2)arepsilon_{IJ}/TeV^2+hc$ R	clequ1Im1331		\mathbf{R}
clequ1Im1333 $i(\bar{\ell}_1^I e_3)(\bar{q}_3^J u_3)\varepsilon_{IJ}/TeV^2 + hc$ R	clequ1Im1332	$i(\bar{\ell}_1^I e_3)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
■ \ ± ~/\÷Q ~/ =~/	clequ1Im1333	$i(\bar{\ell}_1^I e_3)(\bar{q}_3^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}

clequIIm2111 $i(\frac{l}{l_2}e_1)(\frac{n}{l_1}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2112 $i(\frac{l}{l_2}e_1)(\frac{n}{l_1}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2113 $i(\frac{l}{l_2}e_1)(\frac{n}{l_1}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2121 $i(\frac{l}{l_2}e_1)(\frac{n}{l_2}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2122 $i(\frac{l}{l_2}e_1)(\frac{n}{l_2}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2122 $i(\frac{l}{l_2}e_1)(\frac{n}{l_2}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2123 $i(\frac{l}{l_2}e_1)(\frac{n}{l_2}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2133 $i(\frac{l}{l_2}e_1)(\frac{n}{l_2}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2131 $i(\frac{l}{l_2}e_1)(\frac{n}{l_2}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2131 $i(\frac{l}{l_2}e_1)(\frac{n}{l_2}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2211 $i(\frac{l}{l_2}e_2)(\frac{n}{l_1}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2211 $i(\frac{l}{l_2}e_2)(\frac{n}{l_1}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2212 $i(\frac{l}{l_2}e_2)(\frac{n}{l_1}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2212 $i(\frac{l}{l_2}e_2)(\frac{n}{l_1}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2221 $i(\frac{l}{l_2}e_2)(\frac{n}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2222 $i(\frac{l}{l_2}e_2)(\frac{n}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2223 $i(\frac{l}{l_2}e_2)(\frac{n}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2233 $i(\frac{l}{l_2}e_2)(\frac{n}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2233 $i(\frac{l}{l_2}e_2)(\frac{n}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2333 $i(\frac{l}{l_2}e_2)(\frac{n}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2311 $i(\frac{l}{l_2}e_3)(\frac{n}{l_1}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2312 $i(\frac{l}{l_2}e_3)(\frac{n}{l_1}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2312 $i(\frac{l}{l_2}e_3)(\frac{n}{l_1}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2313 $i(\frac{l}{l_2}e_3)(\frac{n}{l_1}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2321 $i(\frac{l}{l_2}e_3)(\frac{n}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2323 $i(\frac{l}{l_2}e_3)(\frac{n}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2333 $i(\frac{l}{l_2}e_3)(\frac{n}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm2333 $i(\frac{l}{l_2}e_3)(\frac{n}{l_2}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm3113 $i(\frac{l}{l_2}e_3)(\frac{n}{l_3}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm3112 $i(\frac{l}{l_2}e_3)(\frac{n}{l_3}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm3121 $i(\frac{l}{l_3}e_1)(\frac{n}{l_3}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequIIm3121 $i(\frac{l}{l_3}e_1)(\frac{n}{l_3}u_3)\varepsilon_{IJ}/TeV^2 + hc$	WC name	Operator	Type
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2122	$i(\bar{\ell}_2^I e_1)(\bar{q}_2^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2223	$i(\bar{\ell}_2^I e_2)(\bar{q}_2^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2231	$i(\bar{\ell}_2^I e_2)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Im2311 $i(\overline{\ell_2}e_3)(\overline{q_1}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im2312 $i(\overline{\ell_2}e_3)(\overline{q_1}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im2313 $i(\overline{\ell_2}e_3)(\overline{q_1}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im2321 $i(\overline{\ell_2}e_3)(\overline{q_2}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im2322 $i(\overline{\ell_2}e_3)(\overline{q_2}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im2323 $i(\overline{\ell_2}e_3)(\overline{q_2}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im2323 $i(\overline{\ell_2}e_3)(\overline{q_2}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im2331 $i(\overline{\ell_2}e_3)(\overline{q_3}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im2332 $i(\overline{\ell_2}e_3)(\overline{q_3}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im2333 $i(\overline{\ell_2}e_3)(\overline{q_3}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3111 $i(\overline{\ell_3}e_1)(\overline{q_1}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3112 $i(\overline{\ell_3}e_1)(\overline{q_1}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3112 $i(\overline{\ell_3}e_1)(\overline{q_1}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3112 $i(\overline{\ell_3}e_1)(\overline{q_1}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3123 $i(\overline{\ell_3}e_1)(\overline{q_2}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3124 $i(\overline{\ell_3}e_1)(\overline{q_2}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3125 $i(\overline{\ell_3}e_1)(\overline{q_2}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3126 $i(\overline{\ell_3}e_1)(\overline{q_2}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3127 $i(\overline{\ell_3}e_1)(\overline{q_2}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3121 $i(\overline{\ell_3}e_1)(\overline{q_3}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3211 $i(\overline{\ell_3}e_1)(\overline{q_3}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3212 $i(\overline{\ell_3}e_1)(\overline{q_3}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3212 $i(\overline{\ell_3}e_1)(\overline{q_3}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3212 $i(\overline{\ell_3}e_2)(\overline{q_1}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3212 $i(\overline{\ell_3}e_2)(\overline{q_1}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3212 $i(\overline{\ell_3}e_2)(\overline{q_1}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3221 $i(\overline{\ell_3}e_2)(\overline{q_1}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3221 $i(\overline{\ell_3}e_2)(\overline{q_2}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3222 $i(\overline{\ell_3}e_2)(\overline{q_2}J_u) \epsilon_{IJ}/TeV^2 + hc$ R clequ1Im3222 $i(\overline{\ell_3}e_2)(\overline{q_2}J_u) \epsilon$	clequ1Im2232	$i(\bar{\ell}_2^I e_2)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2233	$i(\bar{\ell}_2^I e_2)(\bar{q}_3^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2311	$i(\bar{\ell}_2^I e_3)(\bar{q}_1^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2312	$i(\bar{\ell}_2^I e_3)(\bar{q}_1^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2313	$i(\bar{\ell}_2^I e_3)(\bar{q}_1^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2321	$i(\bar{\ell}_2^I e_3)(\bar{q}_2^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2322	$i(\bar{\ell}_2^I e_3)(\bar{q}_2^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2323	$i(\bar{\ell}_2^I e_3)(\bar{q}_2^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2331	$i(\bar{\ell}_2^I e_3)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2332	$i(\bar{\ell}_2^I e_3)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im2333	$i(\bar{\ell}_2^I e_3)(\bar{q}_3^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	clequ1Im3111	$i(\bar{\ell}_3^I e_1)(\bar{q}_1^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im3112	$i(\bar{\ell}_3^I e_1)(\bar{q}_1^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ1Im3113		R
$\begin{array}{lllll} \text{clequ1Im3123} & & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & & & \\ & & & & & & & & & & & & & & \\ & & & & & & & & & & & & \\ & & & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & & \\ & &$	clequ1Im3121		R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	clequ1Im3122	$i(\bar{\ell}_3^I e_1)(\bar{q}_2^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} \text{clequ1Im3132} & & & & & & & & & & & & & & & & & & &$	clequ1Im3123	$i(\bar{\ell}_3^I e_1)(\bar{q}_2^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} \text{clequ1Im3132} & & & & & & & & & & & & & & & & & & &$	clequ1Im3131	$i(\bar{\ell}_3^I e_1)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{lll} \text{clequ1Im3133} & i(\bar{\ell}_{3}^{I}e_{1})(\bar{q}_{3}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im3211} & i(\bar{\ell}_{3}^{I}e_{2})(\bar{q}_{1}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im3212} & i(\bar{\ell}_{3}^{I}e_{2})(\bar{q}_{1}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im3213} & i(\bar{\ell}_{3}^{I}e_{2})(\bar{q}_{1}^{J}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im3221} & i(\bar{\ell}_{3}^{I}e_{2})(\bar{q}_{2}^{J}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im3222} & i(\bar{\ell}_{3}^{I}e_{2})(\bar{q}_{2}^{J}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ1Im3132	$i(\bar{\ell}_3^I e_1)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{lll} \text{clequ1Im3212} & i(\bar{\ell}_{3}^{\bar{I}}e_{2})(\bar{q}_{1}^{\bar{J}}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im3213} & i(\bar{\ell}_{3}^{\bar{I}}e_{2})(\bar{q}_{1}^{\bar{J}}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im3221} & i(\bar{\ell}_{3}^{\bar{I}}e_{2})(\bar{q}_{2}^{\bar{J}}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im3222} & i(\bar{\ell}_{3}^{\bar{I}}e_{2})(\bar{q}_{2}^{\bar{J}}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ1Im3133		R
$\begin{array}{lll} \text{clequ1Im3213} & i(\bar{\ell}_{3}^{\bar{I}}e_{2})(\bar{q}_{1}^{\bar{J}}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im3221} & i(\bar{\ell}_{3}^{\bar{J}}e_{2})(\bar{q}_{2}^{\bar{J}}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ1Im3222} & i(\bar{\ell}_{3}^{\bar{J}}e_{2})(\bar{q}_{2}^{\bar{J}}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ1Im3211	$i(\bar{\ell}_3^I e_2)(\bar{q}_1^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Im3221 $i(\bar{\ell}_{3}^{\bar{I}}e_{2})(\bar{q}_{2}^{\bar{J}}u_{1})\varepsilon_{IJ}/TeV^{2}+hc \qquad \qquad \mathbf{R}$ clequ1Im3222 $i(\bar{\ell}_{3}^{\bar{I}}e_{2})(\bar{q}_{2}^{\bar{J}}u_{2})\varepsilon_{IJ}/TeV^{2}+hc \qquad \qquad \mathbf{R}$	clequ1Im3212	$i(\bar{\ell}_3^I e_2)(\bar{q}_1^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Im3222 $i(\bar{\ell}_3^{\bar{I}}e_2)(\bar{q}_2^{\bar{J}}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R	clequ1Im3213		R
	clequ1Im3221		R
clequ1Im3223 $i(\bar{\ell}_3^I e_2)(\bar{q}_2^J u_3)\varepsilon_{IJ}/TeV^2 + hc \qquad \qquad {\rm R}$	clequ1Im3222		R
	clequ1Im3223	$i(\bar{\ell}_3^I e_2)(\bar{q}_2^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R

WC name	Operator	Type
clequ1Im3231	$i(\bar{\ell}_3^I e_2)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Im3232	$i(\bar{\ell}_3^I e_2)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Im3233	$i(\bar{\ell}_3^I e_2)(\bar{q}_3^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Im3311	$i(\bar{\ell}_3^I e_3)(\bar{q}_1^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Im3312	$i(\bar{\ell}_3^I e_3)(\bar{q}_1^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Im3313	$i(\bar{\ell}_3^I e_3)(\bar{q}_1^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Im3321	$i(\bar{\ell}_3^I e_3)(\bar{q}_2^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Im3322	$i(\bar{\ell}_3^I e_3)(\bar{q}_2^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ1Im3323	$i(\bar{\ell}_3^I e_3)(\bar{q}_2^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Im3331	$i(\bar{\ell}_3^I e_3)(\bar{q}_3^J u_1)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Im3332	$i(\bar{\ell}_3^I e_3)(\bar{q}_3^J u_2)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ1Im3333	$i(\bar{\ell}_3^I e_3)(\bar{q}_3^J u_3)\varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ3Re1111	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_1^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1112	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1113	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ3Re1121	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1122	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1123	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ3Re1131	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ3Re1132	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1133	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1211	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ} / TeV^2 + hc$	\mathbf{R}
clequ3Re1212	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ} / TeV^2 + hc$	R
clequ3Re1213	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1221	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_2^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ3Re1222	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ} / TeV^2 + hc$	R
clequ3Re1223	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1231	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ3Re1232	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ3Re1233	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ} / TeV^2 + hc$	R
clequ3Re1311	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1312	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ} / TeV^2 + hc$	R
clequ3Re1313	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1321	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ3Re1322	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1323	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1331	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1332	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re1333	$(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re2111	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_1)(\bar{q}_1^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re2112	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_1)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re2113	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_1)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R

WC name	Operator	Type
clequ3Re2121	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re2122	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2123	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2131	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re2132	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2133	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re2211	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2212	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ} / TeV^2 + hc$	R
clequ3Re2213	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2221	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_2)(\bar{q}_2^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2222	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_2)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2223	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_2)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2231	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re2232	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2233	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2311	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2312	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2313	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2321	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2322	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re2323	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re2331	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2332	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re2333	$(\bar{\ell}_2^I \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3111	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_1)(\bar{q}_1^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3112	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_1)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3113	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_1)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3121	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3122	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3123	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3131	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3132	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3133	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3211	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3212	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3213	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3221	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_2)(\bar{q}_2^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	${ m R}$
clequ3Re3222	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_2)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re3223	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_2)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ} / TeV^2 + hc$	\mathbf{R}
clequ3Re3231	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ} / TeV^2 + hc$	R
	$(\overline{a}I) = (-I) \mu \nu = (-I) \pi \nu 2 + 1$	${ m R}$
clequ3Re3232	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ} / TeV^2 + hc (\bar{\ell}_3^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ} / TeV^2 + hc$	11

clequ3Re3311	WC name	Operator	Type
clequ3Re3313	clequ3Re3311		R
clequ3Re3321 ($\bar{\ell}_3^1 \sigma_{\mu\nu} e_3$)($\bar{q}_2^1 \sigma^{\mu\nu} u_1$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Re3322 ($\bar{\ell}_3^1 \sigma_{\mu\nu} e_3$)($\bar{q}_3^2 \sigma^{\mu\nu} u_2$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Re3323 ($\bar{\ell}_3^1 \sigma_{\mu\nu} e_3$)($\bar{q}_3^2 \sigma^{\mu\nu} u_3$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Re3331 ($\bar{\ell}_3^1 \sigma_{\mu\nu} e_3$)($\bar{q}_3^1 \sigma^{\mu\nu} u_2$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Re3332 ($\bar{\ell}_3^1 \sigma_{\mu\nu} e_3$)($\bar{q}_3^1 \sigma^{\mu\nu} u_2$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Re3333 ($\bar{\ell}_3^1 \sigma_{\mu\nu} e_3$)($\bar{q}_3^1 \sigma^{\mu\nu} u_2$) $\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1111 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_1^1 \sigma^{\mu\nu} u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1112 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_1^1 \sigma^{\mu\nu} u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1113 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_1^1 \sigma^{\mu\nu} u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1121 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1122 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1123 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1131 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1132 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1133 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1213 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1211 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1212 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1213 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1221 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_1^1 \sigma^{\mu\nu} u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1222 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1223 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1223 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1323 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_3^1 \sigma^{\mu\nu} u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1321 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_3^1 \sigma^{\mu\nu} u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1322 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_3)(\bar{q}_1^1 \sigma^{\mu\nu} u_3)\varepsilon_{IJ}/TeV^2 + hc$ R	clequ3Re3312	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re3322 $(\bar{\ell}_3^1 \sigma_{\mu\nu} e_3)(\bar{q}_2^1 \sigma^{\mu\nu} u_2) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Re3323 $(\bar{\ell}_3 \sigma_{\mu\nu} e_3)(\bar{q}_3^2 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Re3331 $(\bar{\ell}_3^1 \sigma_{\mu\nu} e_3)(\bar{q}_3^1 \sigma^{\mu\nu} u_1) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Re3332 $(\bar{\ell}_3^1 \sigma_{\mu\nu} e_3)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Re3333 $(\bar{\ell}_3^1 \sigma_{\mu\nu} e_3)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1111 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_1^1 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1112 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_1^1 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1113 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_1^1 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1112 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1121 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1122 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1123 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1132 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im133 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1211 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1212 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_1) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1212 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_1^1 \sigma^{\mu\nu} u_1) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1213 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_1^1 \sigma^{\mu\nu} u_1) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1221 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_1) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1223 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_1) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1223 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_1) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1231 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_1) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1313 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_1) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1313 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_1) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1313 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_1) \epsilon_{IJ}/TeV^2 + hc$ R clequ3Im1322 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_3)(\bar{q}_1^1 \sigma^{\mu\nu} u_2) \epsilon_{IJ}/TeV^2 + hc$ R	clequ3Re3313	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
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clequ3Re3331 $(\bar{\ell}_3^1 \sigma_{\mu\nu} e_3)(\bar{q}_3^1 \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Re3332 $(\bar{\ell}_3^1 \sigma_{\mu\nu} e_3)(\bar{q}_3^1 \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Re3333 $(\bar{\ell}_3^1 \sigma_{\mu\nu} e_3)(\bar{q}_3^1 \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1111 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_1^1 \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1112 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_1^1 \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1113 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_1^1 \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1121 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1122 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1123 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1131 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_2^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1132 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1133 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1131 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1211 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_1)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1212 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_1^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1213 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_1^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1221 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_1^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1222 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1223 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1233 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_2^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1311 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_2)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1323 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_3)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1313 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_3)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1313 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_3)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1313 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_3)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1323 $i(\bar{\ell}_1^1 \sigma_{\mu\nu} e_3)(\bar{q}_3^1 \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + $	clequ3Re3322		R
clequ3Re3332 $(\bar{\ell}_{3}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Re3333 $(\bar{\ell}_{3}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1111 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1112 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1113 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im112 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1123 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{2}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1123 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{2}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1131 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{2}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im132 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{2}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im133 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{3}^{2}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im121 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{3}^{2}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im121 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{3}^{2}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im121 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{2}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1212 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{2}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1223 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{2}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1223 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{2}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1233 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{2}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im131 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{2}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im131 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{2}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1312 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{2}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1312 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{2}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1323 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{2}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1323 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{2}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{$	clequ3Re3323	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Re3333	clequ3Re3331	$(\bar{\ell}_3^I \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
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clequ3Im1123 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_1)(\overline{q_2^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1131 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_1)(\overline{q_3^1}\sigma^{\mu\nu}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1132 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_1)(\overline{q_3^1}\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1133 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_1)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1211 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_1^1}\sigma^{\mu\nu}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1212 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_1^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1213 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_1^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1221 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_2^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1222 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_2^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1223 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_2^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1231 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_2^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1232 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1233 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1311 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1312 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_1^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1322 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_1^2}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1323 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_1^2}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1323 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_1^2}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1332 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_1^2}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1332 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_1^2}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1332 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_1^2}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1313 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_1^2}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2111 $i(\overline{\ell_2^1}\sigma_{\mu\nu}e_3)(\overline{q_1^2}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2112 $i(\overline{\ell_2^1}\sigma_{\mu\nu}e_3)(\overline{q_1^2}\sigma^{\mu$	clequ3Im1121	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ3Im1122	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Im1132 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_1)(\overline{q_3^3}\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1133 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_1)(\overline{q_3^3}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1211 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_1^1}\sigma^{\mu\nu}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1212 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_1^1}\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1213 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_1^1}\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1221 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_2^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1222 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_2^1}\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1223 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_2^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1231 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_2^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1232 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1233 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1233 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1311 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_2)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1312 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_1^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1312 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_1^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1323 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_1^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1322 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_2^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1323 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_2^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1331 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_2^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1332 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1333 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im1333 $i(\overline{\ell_1^1}\sigma_{\mu\nu}e_3)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2111 $i(\overline{\ell_2^1}\sigma_{\mu\nu}e_3)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2111 $i(\overline{\ell_2^1}\sigma_{\mu\nu}e_3)(\overline{q_3^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2112 $i(\overline{\ell_2^1}\sigma_{\mu\nu}e_1)(\overline{q_1^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2113 $i(\overline{\ell_2^1}\sigma_{\mu\nu}e_1)(\overline{q_1^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2112 $i(\overline{\ell_2^1}\sigma_{\mu\nu}e_1)(\overline{q_1^1}\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2121 $i(\overline{\ell_2^1}\sigma_{\mu\nu}e_1)(\overline{q_1^1}\sigma^{\mu$	clequ3Im1123	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ3Im1131	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ3Im1132	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	clequ3Im1133		R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	clequ3Im1211	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Im1221 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1222 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1223 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1231 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1232 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1233 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1311 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1312 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1313 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1321 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1322 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1323 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1332 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1332 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1333 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2111 $i(\bar{\ell}_{2}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2111 $i(\bar{\ell}_{2}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2112 $i(\bar{\ell}_{2}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2113 $i(\bar{\ell}_{2}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2112 $i(\bar{\ell}_{2}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2121 $i(\bar{\ell}_{2}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2121 $i(\bar{\ell}_{2}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2121 $i(\bar{\ell}_{2}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2122 $i(\bar{\ell}_$	clequ3Im1212	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Im1222 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1223 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1231 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1232 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1233 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1311 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1312 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1313 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1321 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1322 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1323 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1323 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1332 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im1333 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im2111 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im2112 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im2112 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im2113 $i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im2112 $i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im2121 $i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im2121 $i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im2121 $i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im2121 $i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc$ R clequ3Im2122 $i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{2})\varepsilon_$	clequ3Im1213	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Im1223 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1231 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1232 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1233 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1311 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1312 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1313 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1321 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1322 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1323 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1323 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1332 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im1333 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2111 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2112 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2112 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2113 $i(\bar{\ell}_{1}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2113 $i(\bar{\ell}_{2}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2121 $i(\bar{\ell}_{2}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2122 $i(\bar{\ell}_{2}^{1}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{1}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$	clequ3Im1221	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_2^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ3Im1222	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ3Im1223	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	clequ3Im1231	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	clequ3Im1232	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} \text{clequ3Im1312} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{1}^{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1313} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{1}^{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1321} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{2}^{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1322} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{2}^{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1323} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{2}^{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1331} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{3}^{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1332} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{3}^{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1333} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{3}^{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2111} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2112} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2113} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2121} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2121} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2121} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{2}^{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{2}^{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{2}^{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ3Im1233	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} \text{clequ3Im1313} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{1}^{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1321} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{2}^{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1322} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{2}^{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1323} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{2}^{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1331} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{3}^{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1332} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{3}^{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1333} & i(\overline{\ell_{1}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{3}^{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2111} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2112} & i(\overline{\ell_{2}^{J}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2113} & i(\overline{\ell_{2}^{J}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2121} & i(\overline{\ell_{2}^{J}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2121} & i(\overline{\ell_{2}^{J}}\sigma_{\mu\nu}e_{1})(\overline{q_{2}^{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2121} & i(\overline{\ell_{2}^{J}}\sigma_{\mu\nu}e_{1})(\overline{q_{2}^{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\overline{\ell_{2}^{J}}\sigma_{\mu\nu}e_{1})(\overline{q_{2}^{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\overline{\ell_{2}^{J}}\sigma_{\mu\nu}e_{1})(\overline{q_{2}^{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ3Im1311		R
$\begin{array}{llll} \text{clequ3Im1321} & i(\bar{\ell}_{1}^{\bar{l}}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{\bar{l}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1322} & i(\bar{\ell}_{1}^{\bar{l}}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{\bar{l}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1323} & i(\bar{\ell}_{1}^{\bar{l}}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{\bar{l}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1331} & i(\bar{\ell}_{1}^{\bar{l}}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{\bar{l}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1332} & i(\bar{\ell}_{1}^{\bar{l}}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{\bar{l}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1333} & i(\bar{\ell}_{1}^{\bar{l}}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{\bar{l}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2111} & i(\bar{\ell}_{2}^{\bar{l}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{l}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2112} & i(\bar{\ell}_{2}^{\bar{l}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{l}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2113} & i(\bar{\ell}_{2}^{\bar{l}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{l}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2121} & i(\bar{\ell}_{2}^{\bar{l}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{l}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2121} & i(\bar{\ell}_{2}^{\bar{l}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{l}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{l}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{l}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{l}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{l}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ3Im1312	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} {\rm clequ3Im1322} & i(\bar{\ell}_{1}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im1323} & i(\bar{\ell}_{1}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im1331} & i(\bar{\ell}_{1}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im1332} & i(\bar{\ell}_{1}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im1333} & i(\bar{\ell}_{1}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2111} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2112} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2113} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2121} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar$	clequ3Im1313	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} {\rm clequ3Im1322} & i(\bar{\ell}_{1}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im1323} & i(\bar{\ell}_{1}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im1331} & i(\bar{\ell}_{1}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im1332} & i(\bar{\ell}_{1}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im1333} & i(\bar{\ell}_{1}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2111} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2112} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2113} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2121} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im2122} & i(\bar$	clequ3Im1321	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} \text{clequ3Im1323} & i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1331} & i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1332} & i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1333} & i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2111} & i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{I}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2112} & i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2113} & i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2121} & i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ3Im1322	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} \text{clequ3Im1331} & i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1332} & i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im1333} & i(\bar{\ell}_{1}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2111} & i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{I}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2112} & i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{I}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2113} & i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2121} & i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ3Im1323	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{lll} \text{clequ3Im1333} & i(\overline{\ell_{I}^{I}}\sigma_{\mu\nu}e_{3})(\overline{q_{3}^{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2111} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2112} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2113} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{1}^{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2121} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{2}^{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\overline{\ell_{2}^{I}}\sigma_{\mu\nu}e_{1})(\overline{q_{2}^{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ3Im1331	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{lll} \text{clequ3Im2111} & i(\bar{\ell}_{2}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2112} & i(\bar{\ell}_{2}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2113} & i(\bar{\ell}_{2}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2121} & i(\bar{\ell}_{2}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im2122} & i(\bar{\ell}_{2}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ3Im1332	$i(\bar{\ell}_1^I\sigma_{\mu\nu}e_3)(\bar{q}_3^J\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Im2112 $i(\bar{\ell}_{2}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc \qquad \qquad \mathbf{R}$ clequ3Im2113 $i(\bar{\ell}_{2}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc \qquad \qquad \mathbf{R}$ clequ3Im2121 $i(\bar{\ell}_{2}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc \qquad \qquad \mathbf{R}$ clequ3Im2122 $i(\bar{\ell}_{2}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc \qquad \qquad \mathbf{R}$	clequ3Im1333	$i(\bar{\ell}_1^I \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Im2113 $i(\bar{\ell}_{2}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2}+hc \qquad \qquad \mathbf{R}$ clequ3Im2121 $i(\bar{\ell}_{2}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2}+hc \qquad \qquad \mathbf{R}$ clequ3Im2122 $i(\bar{\ell}_{2}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc \qquad \qquad \mathbf{R}$	clequ3Im2111	$i(\bar{\ell}_2^I \sigma_{\mu\nu} e_1)(\bar{q}_1^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Im2121 $i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc \qquad \qquad \mathbf{R}$ clequ3Im2122 $i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc \qquad \qquad \mathbf{R}$	clequ3Im2112		R
clequ3Im2121 $i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc \qquad \qquad \mathbf{R}$ clequ3Im2122 $i(\bar{\ell}_{2}^{\bar{J}}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc \qquad \qquad \mathbf{R}$	_		\mathbf{R}
	clequ3Im2121	$i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2}+hc$	\mathbf{R}
	clequ3Im2122		\mathbf{R}
	clequ3Im2123	$i(\bar{\ell}_2^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R

clequ3Im2131 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_1)(\bar{q}_3^1\sigma^{\mu\nu}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2132 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_1)(\bar{q}_3^2\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2133 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_1)(\bar{q}_3^2\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2211 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_2)(\bar{q}_1^1\sigma^{\mu\nu}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2212 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_2)(\bar{q}_1^1\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2213 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_2)(\bar{q}_1^1\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2213 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_2)(\bar{q}_1^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2221 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_2)(\bar{q}_2^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2222 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_2)(\bar{q}_2^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2223 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_2)(\bar{q}_2^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2231 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_2)(\bar{q}_3^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2232 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_2)(\bar{q}_3^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2313 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_2)(\bar{q}_3^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2313 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_3)(\bar{q}_1^1\sigma^{\mu\nu}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2313 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_3)(\bar{q}_1^1\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2313 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_3)(\bar{q}_1^1\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2321 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_3)(\bar{q}_1^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2323 $i(\bar{\ell}_2^1\sigma_{\mu\nu}e_3)(\bar{q}_2^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3111 $i(\bar{\ell}_3^1\sigma_{\mu\nu}e_1)(\bar{q}_1^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3121 $i(\bar{\ell}_3^1\sigma_{\mu\nu}e_1)(\bar{q}_1^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3121 $i(\bar{\ell}_3^1\sigma_{\mu\nu}e_1)(\bar{q}_1^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3122 $i(\bar{\ell}_3^1\sigma_{\mu\nu}e_1)(\bar{q}_1^2\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3123 $i(\bar{\ell}_3^1\sigma_{\mu\nu}e_1)(\bar{q}_3^1\sigma^{\mu$	WC name	Operator	Type
clequ3Im2133	clequ3Im2131	$i(\bar{\ell}_2^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \overline{\varepsilon_{IJ}/TeV^2 + hc}$	R
clequ3Im2211 $i(\frac{1}{6} \sigma_{\mu\nu} e_2)(\frac{1}{61} \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2212 $i(\frac{1}{6} \sigma_{\mu\nu} e_2)(\frac{1}{61} \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2213 $i(\frac{1}{6} \sigma_{\mu\nu} e_2)(\frac{1}{61} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2221 $i(\frac{1}{6} \sigma_{\mu\nu} e_2)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2222 $i(\frac{1}{6} \sigma_{\mu\nu} e_2)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2223 $i(\frac{1}{6} \sigma_{\mu\nu} e_2)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2231 $i(\frac{1}{6} \sigma_{\mu\nu} e_2)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2232 $i(\frac{1}{6} \sigma_{\mu\nu} e_2)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2233 $i(\frac{1}{6} \sigma_{\mu\nu} e_2)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2313 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{61} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2311 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{61} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2312 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{61} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2313 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{61} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2313 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2322 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2323 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2323 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2333 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2333 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2333 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3111 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{61} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3112 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{61} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3113 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{61} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3123 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3123 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3131 $i(\frac{1}{6} \sigma_{\mu\nu} e_3)(\frac{1}{62} \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3211 $i(\frac$	clequ3Im2132		R
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ3Im2312	$i(\bar{\ell}_2^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Im2322 $i(\bar{\ell}_2^J\sigma_{\mu\nu}e_3)(\bar{q}_2^J\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2323 $i(\bar{\ell}_2^J\sigma_{\mu\nu}e_3)(\bar{q}_2^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2331 $i(\bar{\ell}_2^J\sigma_{\mu\nu}e_3)(\bar{q}_3^J\sigma^{\mu\nu}u_1)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2332 $i(\bar{\ell}_2^J\sigma_{\mu\nu}e_3)(\bar{q}_3^J\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im2333 $i(\bar{\ell}_2^J\sigma_{\mu\nu}e_3)(\bar{q}_3^J\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3111 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_1)(\bar{q}_1^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3112 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_1)(\bar{q}_1^J\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3113 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_1)(\bar{q}_1^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3121 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_1)(\bar{q}_1^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3122 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_1)(\bar{q}_2^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3123 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_1)(\bar{q}_2^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3133 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_1)(\bar{q}_3^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3131 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_1)(\bar{q}_3^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3132 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_1)(\bar{q}_3^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3133 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_1)(\bar{q}_3^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3213 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_1)(\bar{q}_3^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3211 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_1)(\bar{q}_3^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3212 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_2)(\bar{q}_1^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3223 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_2)(\bar{q}_1^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3223 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_2)(\bar{q}_2^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3223 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_2)(\bar{q}_2^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3231 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_2)(\bar{q}_3^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3233 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_2)(\bar{q}_3^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3233 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_2)(\bar{q}_3^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3231 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_2)(\bar{q}_3^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3311 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_2)(\bar{q}_3^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3311 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_3)(\bar{q}_3^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc$ R clequ3Im3312 $i(\bar{\ell}_3^J\sigma_{\mu\nu}e_3)(\bar{q}_3^J\sigma^{\mu$	clequ3Im2313	$i(\bar{\ell}_2^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llllllllllllllllllllllllllllllllllll$	clequ3Im2321		R
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ3Im2322	$i(\bar{\ell}_2^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ3Im2332 $i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im2333 $i(\bar{\ell}_{2}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{J}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3111 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{I}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3112 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{I}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3113 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{1}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3121 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3122 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{I}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3123 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3131 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{2}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3132 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3132 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3132 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{1})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3211 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3212 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3221 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3223 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3231 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3232 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3232 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3233 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3231 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3311 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3312 $i(\bar{\ell}_{3}^{I}\sigma_{\mu\nu}e_{3})(\bar{q}_{3}^{I}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc$ R clequ3Im3312	clequ3Im2323		R
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	clequ3Im3112		R
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$\begin{array}{llllllllllllllllllllllllllllllllllll$	clequ3Im3122	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_1)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} \text{clequ3Im3132} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3133} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3211} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3212} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3213} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3221} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3222} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3223} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3231} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3233} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3311} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3311} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ3Im3123		R
$\begin{array}{llll} \text{clequ3Im3133} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{1})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3211} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3212} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3213} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3221} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3222} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3223} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3231} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3232} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3233} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3311} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ3Im3131		R
$\begin{array}{llll} \text{clequ3Im3211} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3212} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3213} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3221} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3222} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3223} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3231} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3232} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3233} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3311} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ3Im3132	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} \text{clequ3Im3212} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3213} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3221} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3222} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3223} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3231} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3232} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3233} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3311} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ3Im3133	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_1)(\bar{q}_3^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{llll} \text{clequ3Im3213} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3221} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3222} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3223} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3231} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3232} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3233} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3311} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \text{clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & \text{R} \\ \end{array}$	clequ3Im3211		R
$\begin{array}{lll} {\rm clequ3Im3221} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3222} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3223} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3231} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3232} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3233} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3311} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{\ell}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{\ell}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{\ell}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{\ell}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{\ell}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{\ell}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{\ell}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{\ell}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})(\bar{\ell}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{\ell}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})($	clequ3Im3212	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{lll} {\rm clequ3Im3222} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3223} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3231} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3232} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3233} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3311} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	clequ3Im3213	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_2)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	R
$\begin{array}{lll} {\rm clequ3Im3223} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{2}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3231} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3232} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3233} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3311} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	clequ3Im3221		R
$\begin{array}{lll} {\rm clequ3Im3231} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3232} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3233} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3311} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	clequ3Im3222		R
$\begin{array}{lll} {\rm clequ3Im3232} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3233} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{I}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3311} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3312} & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	clequ3Im3223		R
$\begin{array}{lll} {\rm clequ3Im3233} & & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{2})(\bar{q}_{3}^{\bar{J}}\sigma^{\mu\nu}u_{3})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3311} & & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ {\rm clequ3Im3312} & & i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2} + hc & {\rm R} \\ \end{array}$	clequ3Im3231		R
clequ3Im3311 $i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{1})\varepsilon_{IJ}/TeV^{2}+hc \qquad \qquad \mathbf{R}$ clequ3Im3312 $i(\bar{\ell}_{3}^{\bar{I}}\sigma_{\mu\nu}e_{3})(\bar{q}_{1}^{\bar{I}}\sigma^{\mu\nu}u_{2})\varepsilon_{IJ}/TeV^{2}+hc \qquad \qquad \mathbf{R}$	clequ3Im3232	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_2)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Im3312 $i(\bar{\ell}_3^I\sigma_{\mu\nu}e_3)(\bar{q}_1^J\sigma^{\mu\nu}u_2)\varepsilon_{IJ}/TeV^2 + hc$ R	clequ3Im3233		R
	clequ3Im3311		R
clequ3Im3313 $i(\bar{\ell}_3^I\sigma_{\mu\nu}e_3)(\bar{q}_1^J\sigma^{\mu\nu}u_3)\varepsilon_{IJ}/TeV^2 + hc \qquad \qquad {\rm R}$	clequ3Im3312		R
	clequ3Im3313	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_3)(\bar{q}_1^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}

WC name	Operator	Type
clequ3Im3321	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Im3322	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ3Im3323	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_3)(\bar{q}_2^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ}/TeV^2 + hc$	\mathbf{R}
clequ3Im3331	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_1) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Im3332	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_2) \varepsilon_{IJ}/TeV^2 + hc$	R
clequ3Im3333	$i(\bar{\ell}_3^I \sigma_{\mu\nu} e_3)(\bar{q}_3^J \sigma^{\mu\nu} u_3) \varepsilon_{IJ} / TeV^2 + hc$	R