Basis flavio (EFT WET-4)

Sectors

The effective Lagrangian is defined as

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

sdsd

WC name	Operator	Type
CVLL_sdsd	$(\bar{d}_L \gamma^\mu s_L)(\bar{d}_L \gamma_\mu s_L)$	С
CVRR_sdsd	$(\bar{d}_R \gamma^\mu s_R)(\bar{d}_R \gamma_\mu s_R)$	\mathbf{C}
CSLL_sdsd	$(ar{d}_R s_L)(ar{d}_R s_L)$	\mathbf{C}
CSRR_sdsd	$(ar{d}_L s_R)(ar{d}_L s_R)$	\mathbf{C}
CTLL_sdsd	$(\bar{d}_R \sigma^{\mu\nu} s_L)(\bar{d}_R \sigma_{\mu\nu} s_L)$	\mathbf{C}
CTRR_sdsd	$(\bar{d}_L \sigma^{\mu\nu} s_R)(\bar{d}_L \sigma_{\mu\nu} s_R)$	\mathbf{C}
CVLR_sdsd	$(\bar{d}_L \gamma^\mu s_L)(\bar{d}_R \gamma_\mu s_R)$	\mathbf{C}
CSLR_sdsd	$(ar{d}_R s_L)(ar{d}_L s_R)$	\mathbf{C}

cucu

WC name	Operator	Type
CVLL_ucuc	$(\bar{c}_L \gamma^\mu u_L)(\bar{c}_L \gamma_\mu u_L)$	С
CVRR_ucuc	$(\bar{c}_R \gamma^\mu u_R)(\bar{c}_R \gamma_\mu u_R)$	\mathbf{C}
CSLL_ucuc	$(\bar{c}_R u_L)(\bar{c}_R u_L)$	\mathbf{C}
CSRR_ucuc	$(\bar{c}_L u_R)(\bar{c}_L u_R)$	\mathbf{C}
CTLL_ucuc	$(\bar{c}_R \sigma^{\mu\nu} u_L)(\bar{c}_R \sigma_{\mu\nu} u_L)$	\mathbf{C}
CTRR_ucuc	$(\bar{c}_L \sigma^{\mu\nu} u_R)(\bar{c}_L \sigma_{\mu\nu} u_R)$	\mathbf{C}
CVLR_ucuc	$(\bar{c}_L \gamma^\mu u_L)(\bar{c}_R \gamma_\mu u_R)$	\mathbf{C}
CSLR_ucuc	$(\bar{c}_R u_L)(\bar{c}_L u_R)$	\mathbf{C}

 sd

WC name	Operator	Type
C9_sdee	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*rac{e^2}{16\pi^2}(ar{d}_L\gamma^{\mu}s_L)(ar{e}\gamma_{\mu}e)$	C
C9p_sdee	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*rac{e^2}{16\pi^2}(ar{d}_R\gamma^{\mu}s_R)(ar{e}\gamma_{\mu}e)$	$^{\mathrm{C}}$
C10_sdee	$\frac{4\dot{G}_{F}}{\sqrt{2}}V_{ts}V_{td}^{*}\frac{e^{2}}{16\pi^{2}}(\bar{d}_{L}\gamma^{\mu}s_{L})(\bar{e}\gamma_{\mu}\gamma_{5}e)$	\mathbf{C}

WC name	Operator	Type
C10p_sdee	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}(\bar{d}_R\gamma^{\mu}s_R)(\bar{e}\gamma_{\mu}\gamma_5 e)$	С
CS_sdee	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}m_s(\bar{d}_L s_R)(\bar{e}e)$	\mathbf{C}
CSp_sdee	$\frac{4Q_F^2}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}m_s(\bar{d}_Rs_L)(\bar{e}e)$	\mathbf{C}
CP_sdee	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}m_s(\bar{d}_L s_R)(\bar{e}\gamma_5 e)$	\mathbf{C}
CPp_sdee	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}m_s(\bar{d}_Rs_L)(\bar{e}\gamma_5e)$	\mathbf{C}
C9_sdmumu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}(\bar{d}_L\gamma^{\mu}s_L)(\bar{\mu}\gamma_{\mu}\mu)$	\mathbf{C}
C9p_sdmumu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}(\bar{d}_R\gamma^{\mu}s_R)(\bar{\mu}\gamma_{\mu}\mu)$	\mathbf{C}
C10_sdmumu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^{\mu}s_L)(\bar{\mu}\gamma_{\mu}\gamma_5\mu)$	\mathbf{C}
C10p_sdmumu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}(\bar{d}_R\gamma^{\mu}s_R)(\bar{\mu}\gamma_{\mu}\gamma_5\mu)$	\mathbf{C}
CS_sdmumu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}m_s(\bar{d}_L s_R)(\bar{\mu}\mu)$	\mathbf{C}
CSp_sdmumu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}m_s(\bar{d}_Rs_L)(\bar{\mu}\mu)$	\mathbf{C}
CP_sdmumu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}m_s(\bar{d}_L s_R)(\bar{\mu}\gamma_5\mu)$	C
CPp_sdmumu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}m_s(\bar{d}_Rs_L)(\bar{\mu}\gamma_5\mu)$	$^{\mathrm{C}}$
C9_sdtautau	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu s_L)(\bar{\tau}\gamma_\mu au)$	\mathbf{C}
C9p_sdtautau	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*rac{e^2}{16\pi^2}(ar{d}_R\gamma^\mu s_R)(ar{ au}\gamma_\mu au)$	$^{\mathrm{C}}$
C10_sdtautau	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*rac{e^2}{16\pi^2}(ar{d}_L\gamma^{\mu}s_L)(ar{ au}\gamma_{\mu}\gamma_5 au)$	C
C10p_sdtautau	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*rac{e^2}{16\pi^2}(ar{d}_R\gamma^\mu s_R)(ar{ au}\gamma_\mu\gamma_5 au)$	\mathbf{C}
CS_sdtautau	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^* \frac{e^2}{16\pi^2}m_s(\bar{d}_L s_R)(\bar{ au} au)$	\mathbf{C}
CSp_sdtautau	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*rac{e^2}{16\pi^2}m_s(\bar{d}_Rs_L)(\bar{ au} au)$	\mathbf{C}
CP_sdtautau	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*\frac{e^2}{16\pi^2}m_s(\bar{d}_L s_R)(\bar{\tau}\gamma_5 au)$	\mathbf{C}
CPp_sdtautau	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^* \frac{e^2}{16\pi^2}m_s(\bar{d}_R s_L)(\bar{ au}\gamma_5 au)$	\mathbf{C}
C7_sd	$\frac{4V_{L}^{2}}{\sqrt{2}}V_{ts}V_{td}^{*}\frac{e}{16\pi^{2}}m_{s}(\bar{d}_{L}\sigma^{\mu\nu}s_{R})F_{\mu\nu}$	\mathbf{C}
C7p_sd	$rac{4 \check{G_F}}{\sqrt{2}} V_{ts} V_{td}^* rac{e}{16\pi^2} m_s (\bar{d}_R \sigma^{\mu u} s_L) F_{\mu u}$	$^{\mathrm{C}}$
C8_sd	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*rac{g_s}{16\pi^2}m_s(\bar{d}_L\sigma^{\mu u}T^as_R)G_{\mu u}^a$	$^{\mathrm{C}}$
C8p_sd	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^* \frac{g_s}{16\pi^2} m_s(\bar{d}_R \sigma^{\mu\nu} T^a s_L) G_{\mu\nu}^a$	$^{\mathrm{C}}$
CVLL_sdss	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_L\gamma^\mu s_L)(ar{s}_L\gamma_\mu s_L)$	\mathbf{C}
CVLR_sdss	$rac{4ar{G}_F^2}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_L\gamma^\mu s_L)(ar{s}_R\gamma_\mu s_R)$	С
CVRL_sdss	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_R\gamma^\mu s_R)(ar{s}_L\gamma_\mu s_L)$	C
CVRR_sdss	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(d_R\gamma^\mu s_R)(\bar{s}_R\gamma_\mu s_R)$	С
CSLL_sdss	$\frac{4GF}{\sqrt{2}}V_{ts}V_{td}^*(d_Rs_L)(\bar{s}_Rs_L)$	С
CSLR_sdss	$\frac{4GF}{\sqrt{2}}V_{ts}V_{td}^*(d_Rs_L)(\bar{s}_Ls_R)$	C
CSRL_sdss	$\frac{4GF}{\sqrt{2}}V_{ts}V_{td}^*(d_Ls_R)(\bar{s}_Rs_L)$	C
CSRR_sdss	$\frac{4GF}{\sqrt{2}}V_{ts}V_{td}^*(d_Ls_R)(\bar{s}_Ls_R)$	C
CTLL_sdss	$\begin{array}{c} \frac{\sqrt{2}}{\sqrt{2}} V_{ts} V_{td}(dR) & S_R) (S_L \gamma_\mu S_L) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \gamma^\mu s_R) (\bar{s}_R \gamma_\mu s_R) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R s_L) (\bar{s}_L s_L) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L s_R) (\bar{s}_L s_R) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L s_R) (\bar{s}_R s_L) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L s_R) (\bar{s}_L s_R) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \sigma^{\mu\nu} s_L) (\bar{s}_R \sigma_{\mu\nu} s_L) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L \sigma^{\mu\nu} s_R) (\bar{s}_L \sigma_{\mu\nu} s_R) \end{array}$	С
CTRR_sdss	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(d_L\sigma^{\mu\nu}s_R)(\bar{s}_L\sigma_{\mu\nu}s_R)$	$^{\mathrm{C}}$

WC name	Operator	Type
CVLL_sddd	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_L\gamma^\mu s_L)(\bar{d}_L\gamma_\mu d_L)$	$^{\mathrm{C}}$
CVLR_sddd	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_L\gamma^\mu s_L)(ar{d}_R\gamma_\mu d_R)$	\mathbf{C}
CVRL_sddd	$rac{4ar{G_F}}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_R\gamma^\mu s_R)(ar{d}_L\gamma_\mu d_L)$	\mathbf{C}
CVRR_sddd	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_R\gamma^\mu s_R)(\bar{d}_R\gamma_\mu d_R)$	\mathbf{C}
CSLL_sddd	$\frac{4\ddot{G}_{F}}{\sqrt{2}}V_{ts}V_{td}^{*}(\bar{d}_{R}s_{L})(\bar{d}_{R}d_{L})$	\mathbf{C}
CSLR_sddd	$\frac{4\ddot{G}_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_Rs_L)(\bar{d}_Ld_R)$	\mathbf{C}
CSRL_sddd	$rac{4ar{G_F}}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_Ls_R)(ar{d}_Rd_L)$	\mathbf{C}
CSRR_sddd	$rac{4reve{G_F}}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_L s_R)(ar{d}_L d_R)$	\mathbf{C}
CTLL_sddd	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_R\sigma^{\mu\nu}s_L)(\bar{d}_R\sigma_{\mu\nu}d_L)$	\mathbf{C}
CTRR_sddd	$\frac{4\tilde{G}_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_L\sigma^{\mu\nu}s_R)(\bar{d}_L\sigma_{\mu\nu}d_R)$	\mathbf{C}
CVLL_sduu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_L\gamma^\mu s_L)(\bar{u}_L\gamma_\mu u_L)$	\mathbf{C}
CVLR_sduu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_L\gamma^\mu s_L)(\bar{u}_R\gamma_\mu u_R)$	$^{\mathrm{C}}$
CVRL_sduu	$\frac{4\bar{G}_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_R\gamma^\mu s_R)(\bar{u}_L\gamma_\mu u_L)$	\mathbf{C}
CVRR_sduu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_R\gamma^\mu s_R)(\bar{u}_R\gamma_\mu u_R)$	\mathbf{C}
CSLL_sduu	$\frac{4\tilde{G}_{F}}{\sqrt{2}}V_{ts}V_{td}^{*}(\bar{d}_{R}s_{L})(\bar{u}_{R}u_{L})$	$^{\mathrm{C}}$
CSLR_sduu	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_Rs_L)(ar{u}_Lu_R)$	$^{\mathrm{C}}$
CSRL_sduu	$\frac{4\dot{G}_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_L s_R)(\bar{u}_R u_L)$	\mathbf{C}
CSRR_sduu	$\frac{4G_F^2}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_L s_R)(\bar{u}_L u_R) \\ \frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_R \sigma^{\mu\nu} s_L)(\bar{u}_R \sigma_{\mu\nu} u_L)$	$^{\mathrm{C}}$
CTLL_sduu		$^{\mathrm{C}}$
CTRR_sduu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_L\sigma^{\mu\nu}s_R)(\bar{u}_L\sigma_{\mu\nu}u_R)$	$^{\mathrm{C}}$
CVLLt_sduu	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_L^lpha\gamma^\mu s_L^eta)(ar{u}_L^eta\gamma_\mu u_L^lpha)$	\mathbf{C}
CVLRt_sduu	$\frac{4\dot{G}_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_L^{\alpha}\gamma^{\mu}s_L^{\beta})(\bar{u}_R^{\beta}\gamma_{\mu}u_R^{\alpha})$	\mathbf{C}
CVRLt_sduu	$\frac{4\tilde{G}_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_R^{lpha}\gamma^{\mu}s_R^{eta})(\bar{u}_L^{eta}\gamma_{\mu}u_L^{lpha})$	\mathbf{C}
CVRRt_sduu	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_R^lpha\gamma^\mu s_R^eta)(ar{u}_R^eta\gamma_\mu u_R^lpha)$	\mathbf{C}
CSLLt_sduu	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_R^lpha s_L^eta)(ar{u}_R^eta u_L^lpha)$	\mathbf{C}
CSLRt_sduu	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_R^lpha s_L^eta)(ar{u}_L^eta u_R^lpha)$	\mathbf{C}
CSRLt_sduu	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_L^{lpha}s_R^{eta})(\bar{u}_R^{eta}u_L^{lpha})$	$^{\mathrm{C}}$
CSRRt_sduu	$rac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_L^lpha S_R^eta)(ar{u}_L^eta u_R^lpha)$	$^{\mathrm{C}}$
CTLLt_sduu	$\frac{4G_F}{G_F}V_{ts}V_{ts}^*(\bar{d}_D^{\alpha}\sigma^{\mu\nu}s_L^{\beta})(\bar{u}_D^{\beta}\sigma_{\mu\nu}u_L^{\alpha})$	$^{\mathrm{C}}$
CTRRt_sduu	$\frac{4G_F}{\overline{c}}V_{ts}V_{ts}^{\prime\prime}(\bar{d}_1^{\alpha}\sigma^{\mu\nu}s_D^{\beta})(\bar{u}_1^{\beta}\sigma_{\mu\nu}u_D^{\alpha})$	$^{\mathrm{C}}$
- CVLL_sdcc	$\frac{\sqrt{2}}{\sqrt{E}} V_{ts} V_{td}^* (\bar{d}_L \gamma^\mu s_L) (\bar{c}_L \gamma_\mu c_L)$	$^{\mathrm{C}}$
CVLR_sdcc	$ \begin{array}{l} \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L^\alpha \sigma^{\mu\nu} s_R^\beta) (\bar{u}_L^\beta \sigma_{\mu\nu} u_R^\alpha) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L \gamma^\mu s_L) (\bar{c}_L \gamma_\mu c_L) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L \gamma^\mu s_L) (\bar{c}_R \gamma_\mu c_R) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \gamma^\mu s_R) (\bar{c}_L \gamma_\mu c_L) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \gamma^\mu s_R) (\bar{c}_R \gamma_\mu c_R) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R s_L) (\bar{c}_R c_L) \\ \frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R s_L) (\bar{c}_L c_R) \end{array} $	$^{\mathrm{C}}$
- CVRL_sdcc	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_R\gamma^\mu s_R)(\bar{c}_L\gamma_\mu c_L)$	$^{\mathrm{C}}$
- CVRR_sdcc	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_R\gamma^\mu s_R)(\bar{c}_R\gamma_\mu c_R)$	$^{\mathrm{C}}$
- CSLL_sdcc	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_Rs_L)(\bar{c}_Rc_L)$	\mathbf{C}
CSLR_sdcc	$4G_{FV}V^{*}(\bar{J}, \alpha)(\bar{a}, \alpha)$	$^{\mathrm{C}}$

WC name	Operator	Type
CSRL_sdcc	$\frac{4G_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_Ls_R)(\bar{c}_Rc_L)$	C
CSRR_sdcc	$rac{4ar{G}_F^2}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_L s_R)(ar{c}_L c_R)$	\mathbf{C}
CTLL_sdcc	$rac{4reve{G_F}}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_R\sigma^{\mu u}s_L)(ar{c}_R\sigma_{\mu u}c_L)$	\mathbf{C}
CTRR_sdcc	$rac{4ar{G_F}}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_L\sigma^{\mu u}s_R)(ar{c}_L\sigma_{\mu u}c_R)$	\mathbf{C}
CVLLt_sdcc	$\frac{4 \overleftarrow{G_F}}{\sqrt{2}} V_{ts} V_{td}^* (\overline{d}_L^{lpha} \gamma^{\mu} s_L^{eta}) (\overline{c}_L^{eta} \gamma_{\mu} c_L^{lpha})$	\mathbf{C}
CVLRt_sdcc	$\frac{4 \overline{G_F}}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L^{lpha} \gamma^{\mu} s_L^{eta}) (\bar{c}_R^{eta} \gamma_{\mu} c_R^{lpha})$	\mathbf{C}
CVRLt_sdcc	$rac{4ar{Q_F}}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_R^lpha\gamma^\mu s_R^eta)(ar{c}_L^eta\gamma_\mu c_L^lpha)$	\mathbf{C}
CVRRt_sdcc	$rac{4G_F^2}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_R^lpha\gamma^\mu s_R^eta)(ar{c}_R^eta\gamma_\mu c_R^lpha)$	\mathbf{C}
CSLLt_sdcc	$rac{4ec{G_F}}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_R^lpha s_L^eta)(ar{c}_R^eta c_L^lpha)$	\mathbf{C}
CSLRt_sdcc	$rac{4ec{G_F}}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_R^lpha s_L^eta)(ar{c}_L^eta c_R^lpha)$	\mathbf{C}
CSRLt_sdcc	$rac{4ec{G_F}}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_L^lpha s_R^eta)(ar{c}_R^eta c_L^lpha)$	\mathbf{C}
CSRRt_sdcc	$rac{4ar{G}_{F}^{2}}{\sqrt{2}}V_{ts}V_{td}^{*}(ar{d}_{L}^{lpha}s_{R}^{eta})(ar{c}_{L}^{eta}c_{R}^{lpha})$	\mathbf{C}
CTLLt_sdcc	$rac{4ec{G_F}}{\sqrt{2}}V_{ts}V_{td}^*(ar{d}_R^lpha\sigma^{\mu u}s_L^eta)(ar{c}_R^eta\sigma_{\mu u}c_L^lpha)$	\mathbf{C}
CTRRt_sdcc	$\frac{4\tilde{G}_F}{\sqrt{2}}V_{ts}V_{td}^*(\bar{d}_L^\alpha\sigma^{\mu\nu}s_R^\beta)(\bar{c}_L^\beta\sigma_{\mu\nu}c_R^\alpha)$	С

sdnunu

WC name	Operator	Type
CL_sdnuenue	$\frac{4G_F}{\sqrt{2}}V_{td}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_L\gamma^{\mu}d_L)(\bar{\nu}_e\gamma_{\mu}(1-\gamma_5)\nu_e)$	C
${\tt CL_sdnumunumu}$	$\frac{4\tilde{G}_F}{\sqrt{2}}V_{td}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_L\gamma^{\mu}d_L)(\bar{\nu}_{\mu}\gamma_{\mu}(1-\gamma_5)\nu_{\mu})$	\mathbf{C}
CL_sdnutaunutau	$\frac{4G_F}{\sqrt{2}}V_{td}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L\gamma^\mu d_L)(\bar{\nu}_\tau\gamma_\mu (1-\gamma_5)\nu_\tau)$	\mathbf{C}
CL_sdnuenumu	$\frac{4G_F}{\sqrt{2}}V_{td}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_L\gamma^{\mu}d_L)(\bar{\nu}_{\mu}\gamma_{\mu}(1-\gamma_5)\nu_e)$	\mathbf{C}
CL_sdnumunue	$\frac{4G_F}{\sqrt{2}}V_{td}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu d_L)(\bar{\nu}_e \gamma_\mu (1-\gamma_5) \nu_\mu)$	\mathbf{C}
CL_sdnumunutau	$\frac{4G_F}{\sqrt{2}}V_{td}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_L\gamma^{\mu}d_L)(\bar{\nu}_{\tau}\gamma_{\mu}(1-\gamma_5)\nu_{\mu})$	\mathbf{C}
${\tt CL_sdnutaunumu}$	$rac{4\dot{G}_F}{\sqrt{2}}V_{td}V_{ts}^*rac{e^2}{16\pi^2}(ar{s}_L\gamma^{\mu}d_L)(ar{ u}_{\mu}\gamma_{\mu}(1-\gamma_5) u_{ au})$	\mathbf{C}
CL_sdnuenutau	$\frac{4G_F}{\sqrt{2}}V_{td}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_L\gamma^{\mu}d_L)(\bar{\nu}_{\tau}\gamma_{\mu}(1-\gamma_5)\nu_e)$	\mathbf{C}
CL_sdnutaunue	$\frac{4G_F}{\sqrt{2}}V_{td}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_L\gamma^{\mu}d_L)(\bar{\nu}_e\gamma_{\mu}(1-\gamma_5)\nu_{\tau})$	\mathbf{C}
CR_sdnuenue	$\frac{4\dot{G}_F}{\sqrt{2}}V_{td}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_R\gamma^{\mu}d_R)(\bar{\nu}_e\gamma_{\mu}(1-\gamma_5)\nu_e)$	\mathbf{C}
$\mathtt{CR_sdnumunumu}$	$rac{4\dot{G}_F}{\sqrt{2}}V_{td}V_{ts}^*rac{e^2}{16\pi^2}(ar{s}_R\gamma^{\mu}d_R)(ar{ u}_{\mu}\gamma_{\mu}(1-\gamma_5) u_{\mu})$	\mathbf{C}
CR_sdnutaunutau	$rac{4\dot{G}_F}{\sqrt{2}}V_{td}V_{ts}^*rac{e^2}{16\pi^2}(ar{s}_R\gamma^{\mu}d_R)(ar{ u}_{ au}\gamma_{\mu}(1-\gamma_5) u_{ au})$	\mathbf{C}
CR_sdnuenumu	$\frac{4G_F}{\sqrt{2}}V_{td}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu d_R)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5)\nu_e)$	\mathbf{C}
CR_sdnumunue	$\frac{4G_F}{\sqrt{2}}V_{td}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu d_R) (\bar{\nu}_e \gamma_\mu (1-\gamma_5) \nu_\mu)$	\mathbf{C}
CR_sdnumunutau	$\frac{4G_F}{\sqrt{2}}V_{td}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu d_R) (\bar{\nu}_\tau \gamma_\mu (1-\gamma_5) \nu_\mu)$	\mathbf{C}
CR_sdnutaunumu	$\frac{4G_F}{\sqrt{2}}V_{td}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_R\gamma^{\mu}d_R)(\bar{\nu}_{\mu}\gamma_{\mu}(1-\gamma_5)\nu_{\tau})$	\mathbf{C}

WC name	Operator	Type
CR_sdnuenutau	$rac{4G_F}{\sqrt{2}}V_{td}V_{ts}^*rac{e^2}{16\pi^2}(\bar{s}_R\gamma^{\mu}d_R)(\bar{\nu}_{ au}\gamma_{\mu}(1-\gamma_5)\nu_e)$	С
CR_sdnutaunue	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^{\mu} d_R) (\bar{\nu}_e \gamma_{\mu} (1 - \gamma_5) \nu_{\tau})$	С

usenu

WC name	Operator	Type
CVL_suenue	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L\gamma^\mu s_L)(\bar{e}_L\gamma_\mu\nu_{eL})$	
CVR_suenue	$-\frac{4\widetilde{G}_F}{\sqrt{2}}V_{us}(\bar{u}_R\gamma^\mu s_R)(\bar{e}_L\gamma_\mu\nu_{eL})$	\mathbf{C}
CSR_suenue	$-rac{4ar{V}_F}{\sqrt{2}}V_{us}(ar{u}_L s_R)(ar{e}_R u_{eL})$	\mathbf{C}
CSL_suenue	$-\frac{4\widetilde{G_F}}{\sqrt{2}}V_{us}(\bar{u}_Rs_L)(\bar{e}_R u_{eL})$	\mathbf{C}
CT_suenue	$-rac{4ar{Q}_F^2}{\sqrt{2}}V_{us}(ar{u}_R\sigma^{\mu u}s_L)(ar{e}_R\sigma_{\mu u} u_{eL})$	\mathbf{C}
CVL_suenumu	$-rac{4ar{Q}_F^2}{\sqrt{2}}V_{us}(ar{u}_L\gamma^\mu s_L)(ar{e}_L\gamma_\mu u_{\mu L})$	\mathbf{C}
CVR_suenumu	$-rac{4ar{Q}_F^2}{\sqrt{2}}V_{us}(ar{u}_R\gamma^\mu s_R)(ar{e}_L\gamma_\mu u_{\mu L})$	\mathbf{C}
CSR_suenumu	$-rac{4\check{G}_F}{\sqrt{2}}V_{us}(\bar{u}_L s_R)(\bar{e}_R u_{\mu L})$	\mathbf{C}
CSL_suenumu	$-rac{4\check{G}_F}{\sqrt{2}}V_{us}(\bar{u}_Rs_L)(\bar{e}_R u_{\mu L})$	\mathbf{C}
CT_suenumu	$-rac{4reve{G_F}}{\sqrt{2}}V_{us}(ar{u}_R\sigma^{\mu u}s_L)(ar{e}_R\sigma_{\mu u} u_{\mu L})$	\mathbf{C}
CVL_suenutau	$-rac{4reve{Q_F}}{\sqrt{2}}V_{us}(ar{u}_L\gamma^\mu s_L)(ar{e}_L\gamma_\mu u_{ au L})$	\mathbf{C}
CVR_suenutau	$-rac{4ar{Q}_F^2}{\sqrt{2}}V_{us}(ar{u}_R\gamma^\mu s_R)(ar{e}_L\gamma_\mu u_{ au L})$	\mathbf{C}
CSR_suenutau	$-rac{4ar{Q}_F^2}{\sqrt{2}}V_{us}(ar{u}_L s_R)(ar{e}_R u_{ au L})$	\mathbf{C}
CSL_suenutau	$-rac{4\overset{\sim}{G_F}}{\sqrt{2}}V_{us}(ar{u}_Rs_L)(ar{e}_R u_{ au L})$	\mathbf{C}
CT_suenutau	$-rac{4\widetilde{G_F}}{\sqrt{2}}V_{us}(ar{u}_R\sigma^{\mu u}s_L)(ar{e}_R\sigma_{\mu u} u_{ au L})$	\mathbf{C}

csenu

WC name	Operator	Type
CVL_scenue	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L\gamma^{\mu}s_L)(\bar{e}_L\gamma_{\mu}\nu_{eL})$	С
CVR_scenue	$-\frac{4\tilde{G}_F}{\sqrt{2}}V_{cs}(\bar{c}_R\gamma^{\mu}s_R)(\bar{e}_L\gamma_{\mu}\nu_{eL})$	$^{\mathrm{C}}$
CSR_scenue	$-rac{4ar{G_F}}{\sqrt{2}}V_{cs}(ar{c}_L s_R)(ar{e}_R u_{eL})$	\mathbf{C}
CSL_scenue	$-rac{4 ilde{G_F}}{\sqrt{2}}V_{cs}(ar{c}_Rs_L)(ar{e}_R u_{eL})$	\mathbf{C}
CT_scenue	$-rac{4 ilde{G_F}}{\sqrt{2}}V_{cs}(ar{c}_R\sigma^{\mu u}s_L)(ar{e}_R\sigma_{\mu u} u_{eL})$	\mathbf{C}
CVL_scenumu	$-rac{4G_F}{\sqrt{2}}V_{cs}(ar{c}_L\gamma^\mu s_L)(ar{e}_L\gamma_\mu u_{\mu L})$	\mathbf{C}
CVR_scenumu	$-rac{4ar{G_F}}{\sqrt{2}}V_{cs}(ar{c}_R\gamma^\mu s_R)(ar{e}_L\gamma_\mu u_{\mu L})$	\mathbf{C}
CSR_scenumu	$-rac{4ar{G_F}}{\sqrt{2}}V_{cs}(ar{c}_L s_R)(ar{e}_R u_{\mu L})$	\mathbf{C}
CSL_scenumu	$-rac{4ar{G_F}}{\sqrt{2}}V_{cs}(ar{c}_R s_L)(ar{e}_R u_{\mu L})$	\mathbf{C}
CT_scenumu	$-rac{4ar{G_F}}{\sqrt{2}}V_{cs}(ar{c}_R\sigma^{\mu u}s_L)(ar{e}_R\sigma_{\mu u} u_{\mu L})$	\mathbf{C}

WC name	Operator	Type
CVL_scenutau	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L\gamma^{\mu}s_L)(\bar{e}_L\gamma_{\mu}\nu_{\tau L})$	С
CVR_scenutau	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L\gamma^{\mu}s_L)(\bar{e}_L\gamma_{\mu}\nu_{\tau L}) \\ -\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\gamma^{\mu}s_R)(\bar{e}_L\gamma_{\mu}\nu_{\tau L})$	\mathbf{C}
CSR_scenutau	$-\frac{4G_F}{\sqrt{c}}V_{cs}(\bar{c}_L s_R)(\bar{e}_R \nu_{\tau L})$	\mathbf{C}
CSL_scenutau	$-\frac{4\overline{G_F}}{\sqrt{2}}V_{cs}(\bar{c}_R s_L)(\bar{e}_R \nu_{\tau L})$	\mathbf{C}
CT_scenutau	$-rac{4reve{G}_F^c}{\sqrt{2}}V_{cs}(ar{c}_R\sigma^{\mu u}s_L)(ar{e}_R\sigma_{\mu u} u_{ au L})$	С

cdenu

WC name	Operator	Type
CVL_dcenue	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^\mu d_L)(\bar{e}_L\gamma_\mu\nu_{eL})$	\mathbf{C}
CVR_dcenue	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^\mu d_R)(\bar{e}_L\gamma_\mu\nu_{eL})$	$^{\mathrm{C}}$
CSR_dcenue	$-\frac{4\tilde{G}_F}{\sqrt{2}}V_{cd}(\bar{c}_Ld_R)(\bar{e}_R\nu_{eL})$	$^{\mathrm{C}}$
CSL_dcenue	$-\frac{4\tilde{G}_F}{\sqrt{2}}V_{cd}(\bar{c}_Rd_L)(\bar{e}_R\nu_{eL})$	$^{\mathrm{C}}$
CT_dcenue	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu}d_L)(\bar{e}_R\sigma_{\mu\nu}\nu_{eL})$	$^{\mathrm{C}}$
CVL_dcenumu	$-rac{4ar{G_F}}{\sqrt{2}}V_{cd}(ar{c}_L\gamma^\mu d_L)(ar{e}_L\gamma_\mu u_{\mu L})$	$^{\mathrm{C}}$
CVR_dcenumu	$-rac{4ar{G_F}}{\sqrt{2}}V_{cd}(ar{c}_R\gamma^\mu d_R)(ar{e}_L\gamma_\mu u_{\mu L})$	\mathbf{C}
CSR_dcenumu	$-rac{4ar{G_F}}{\sqrt{2}}V_{cd}(ar{c}_Ld_R)(ar{e}_R u_{\mu L})$	\mathbf{C}
CSL_dcenumu	$-rac{4ar{G_F}}{\sqrt{2}}V_{cd}(ar{c}_Rd_L)(ar{e}_R u_{\mu L})$	\mathbf{C}
CT_dcenumu	$-rac{4ar{G_F}}{\sqrt{2}}V_{cd}(ar{c}_R\sigma^{\mu u}d_L)(ar{e}_R\sigma_{\mu u} u_{\mu L})$	\mathbf{C}
CVL_dcenutau	$-rac{4 ar{G_F}}{\sqrt{2}} V_{cd}(ar{c}_L \gamma^\mu d_L) (ar{e}_L \gamma_\mu u_{ au L})$	\mathbf{C}
CVR_dcenutau	$-rac{4ar{G_F}}{\sqrt{2}}V_{cd}(ar{c}_R\gamma^\mu d_R)(ar{e}_L\gamma_\mu u_{ au L})$	\mathbf{C}
CSR_dcenutau	$-\frac{4\widetilde{G_F}}{\sqrt{2}}V_{cd}(\bar{c}_Ld_R)(\bar{e}_R u_{\tau L})$	\mathbf{C}
CSL_dcenutau	$-rac{4 ar{G_F}}{\sqrt{2}} V_{cd}(ar{c}_R d_L) (ar{e}_R u_{ au L})$	\mathbf{C}
CT_dcenutau	$-rac{4 \widetilde{G}_F}{\sqrt{2}} V_{cd} (ar{c}_R \sigma^{\mu u} d_L) (ar{e}_R \sigma_{\mu u} u_{ au L})$	C

usmunu

WC name	Operator	Type
CVL_sumunue	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L\gamma^\mu s_L)(\bar{\mu}_L\gamma_\mu\nu_{eL})$	С
CVR_sumunue	$-\frac{\sqrt{G_F}}{\sqrt{2}}V_{us}(\bar{u}_R\gamma^{\mu}s_R)(\bar{\mu}_L\gamma_{\mu}\nu_{eL}) \\ -\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_Ls_R)(\bar{\mu}_R\nu_{eL})$	\mathbf{C}
CSR_sumunue	$-rac{4ar{G_F}}{\sqrt{2}}V_{us}(ar{u}_L s_R)(ar{\mu}_R u_{eL})$	\mathbf{C}
CSL_sumunue	$-\frac{4\bar{G_F}}{\sqrt{2}}V_{us}(\bar{u}_Rs_L)(\bar{\mu}_R\nu_{eL})$	\mathbf{C}
CT_sumunue	$-rac{4ar{G_F}}{\sqrt{2}}V_{us}(ar{u}_R\sigma^{\mu u}s_L)(ar{\mu}_R\sigma_{\mu u} u_{eL})$	\mathbf{C}
$CVL_sumunumu$	$-rac{4ar{G_F}}{\sqrt{2}}V_{us}(ar{u}_L\gamma^\mu s_L)(ar{\mu}_L\gamma_\mu u_{\mu L})$	\mathbf{C}
CVR_sumunumu	$-\frac{\sqrt{2}}{\sqrt{2}}V_{us}(\bar{u}_{R}s_{L})(\bar{\mu}_{R}\nu_{eL}) \\ -\frac{4G_{F}}{\sqrt{2}}V_{us}(\bar{u}_{R}\sigma_{\mu\nu}s_{L})(\bar{\mu}_{R}\sigma_{\mu\nu}\nu_{eL}) \\ -\frac{4G_{F}}{\sqrt{2}}V_{us}(\bar{u}_{L}\gamma^{\mu}s_{L})(\bar{\mu}_{L}\gamma_{\mu}\nu_{\mu L}) \\ -\frac{4G_{F}}{\sqrt{2}}V_{us}(\bar{u}_{L}\gamma^{\mu}s_{R})(\bar{\mu}_{L}\gamma_{\mu}\nu_{\mu L})$	\mathbf{C}

WC name	Operator	Type
CSR_sumunumu	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L s_R)(\bar{\mu}_R \nu_{\mu L})$	С
CSL_sumunumu	$-rac{4G_F^2}{\sqrt{2}}V_{us}(ar{u}_Rs_L)(ar{\mu}_R u_{\mu L})$	\mathbf{C}
CT_sumunumu	$-rac{4ar{G_F}}{\sqrt{2}}V_{us}(ar{u}_R\sigma^{\mu u}s_L)(ar{\mu}_R\sigma_{\mu u} u_{\mu L})$	\mathbf{C}
CVL_sumunutau	$-rac{4\overset{\circ}{G_F}}{\sqrt{2}}V_{us}(ar{u}_L\gamma^{\mu}s_L)(ar{\mu}_L\gamma_{\mu} u_{ au L})$	\mathbf{C}
CVR_sumunutau	$-rac{4 ilde{G_F}}{\sqrt{2}}V_{us}(ar{u}_R\gamma^\mu s_R)(ar{\mu}_L\gamma_\mu u_{ au L})$	\mathbf{C}
CSR_sumunutau	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L s_R)(\bar{\mu}_R \nu_{\tau L})$	\mathbf{C}
CSL_sumunutau	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_Rs_L)(\bar{\mu}_R u_{\tau L})$	\mathbf{C}
CT_sumunutau	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\sigma^{\mu\nu}s_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{\tau L})$	С

csmunu

WC name	Operator	Type
CVL_scmunue	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L\gamma^{\mu}s_L)(\bar{\mu}_L\gamma_{\mu}\nu_{eL})$	C
CVR_scmunue	$-rac{4\widetilde{G}_F^2}{\sqrt{2}}V_{cs}(ar{c}_R\gamma^\mu s_R)(ar{\mu}_L\gamma_\mu u_{eL})$	\mathbf{C}
CSR_scmunue	$-rac{4\widetilde{G}_F^2}{\sqrt{2}}V_{cs}(ar{c}_L s_R)(ar{\mu}_R u_{eL})$	\mathbf{C}
CSL_scmunue	$-rac{4\widetilde{G}_F^2}{\sqrt{2}}V_{cs}(ar{c}_Rs_L)(ar{\mu}_R u_{eL})$	\mathbf{C}
CT_scmunue	$-rac{4\widetilde{G}_F^2}{\sqrt{2}}V_{cs}(ar{c}_R\sigma^{\mu u}s_L)(ar{\mu}_R\sigma_{\mu u} u_{eL})$	\mathbf{C}
CVL_scmunumu	$-rac{4\widetilde{G}_F^2}{\sqrt{2}}V_{cs}(ar{c}_L\gamma^\mu s_L)(ar{\mu}_L\gamma_\mu u_{\mu L})$	\mathbf{C}
CVR_scmunumu	$-rac{4\widetilde{G}_F^2}{\sqrt{2}}V_{cs}(\bar{c}_R\gamma^\mu s_R)(\bar{\mu}_L\gamma_\mu u_{\mu L})$	\mathbf{C}
CSR_scmunumu	$-rac{4 V_{c}^{2}}{\sqrt{2}} V_{cs}(\bar{c}_{L} s_{R})(\bar{\mu}_{R} u_{\mu L})$	\mathbf{C}
CSL_scmunumu	$-rac{4\overset{\circ}{Q_F^2}}{\sqrt{2}}V_{cs}(ar{c}_Rs_L)(ar{\mu}_R u_{\mu L})$	\mathbf{C}
CT_scmunumu	$-rac{4\overset{\circ}{Q_F^2}}{\sqrt{2}}V_{cs}(ar{c}_R\sigma^{\mu u}s_L)(ar{\mu}_R\sigma_{\mu u} u_{\mu L})$	\mathbf{C}
CVL_scmunutau	$-rac{4\overset{\circ}{Q_F^2}}{\sqrt{2}}V_{cs}(ar{c}_L\gamma^\mu s_L)(ar{\mu}_L\gamma_\mu u_{ au L})$	\mathbf{C}
CVR_scmunutau	$-rac{4rac{rack{G}_F}{\sqrt{2}}}{\sqrt{2}}V_{cs}(ar{c}_R\gamma^\mu s_R)(ar{\mu}_L\gamma_\mu u_{ au L})$	\mathbf{C}
CSR_scmunutau	$-rac{4 V_{F}^{2}}{\sqrt{2}} V_{cs}(ar{c}_{L} s_{R})(ar{\mu}_{R} u_{ au L})$	\mathbf{C}
CSL_scmunutau	$-rac{4 V_{c}^2}{\sqrt{2}} V_{cs}(ar{c}_R s_L) (ar{\mu}_R u_{ au L})$	\mathbf{C}
CT_scmunutau	$-rac{4\widetilde{G}_F^2}{\sqrt{2}}V_{cs}(ar{c}_R\sigma^{\mu u}s_L)(ar{\mu}_R\sigma_{\mu u} u_{ au L})$	\mathbf{C}

cdmunu

WC name	Operator	Type
CVL_dcmunue	$-rac{4G_F}{\sqrt{2}}V_{cd}(ar{c}_L\gamma^\mu d_L)(ar{\mu}_L\gamma_\mu u_{eL})$	C
CVR_dcmunue	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^\mu d_L)(\bar{\mu}_L\gamma_\mu\nu_{eL}) -\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^\mu d_R)(\bar{\mu}_L\gamma_\mu\nu_{eL})$	\mathbf{C}
CSR_dcmunue	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_Ld_R)(\bar{\mu}_R\nu_{eL})$	\mathbf{C}
CSL_dcmunue	$-rac{4\overset{\circ}{G_F}}{\sqrt{2}}V_{cd}(ar{c}_Rd_L)(ar{\mu}_R u_{eL})$	\mathbf{C}

WC name	Operator	Type
CT_dcmunue	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu}d_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{eL})$	
CVL_dcmunumu	$-rac{4\widetilde{G}_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^\mu d_L)(\bar{\mu}_L\gamma_\mu u_{\mu L})$	$^{\mathrm{C}}$
CVR_dcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^\mu d_R)(\bar{\mu}_L\gamma_\mu\nu_{\mu L})$	\mathbf{C}
CSR_dcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_Ld_R)(\bar{\mu}_R\nu_{\mu L})$	\mathbf{C}
CSL_dcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_Rd_L)(\bar{\mu}_R\nu_{\mu L})$	\mathbf{C}
CT_dcmunumu	$-rac{4G_F}{\sqrt{2}}V_{cd}(ar{c}_R\sigma^{\mu u}d_L)(ar{\mu}_R\sigma_{\mu u} u_{\mu L})$	\mathbf{C}
CVL_dcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^\mu d_L)(\bar{\mu}_L\gamma_\mu\nu_{\tau L})$	\mathbf{C}
CVR_dcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^\mu d_R)(\bar{\mu}_L\gamma_\mu\nu_{\tau L})$	\mathbf{C}
CSR_dcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_Ld_R)(\bar{\mu}_R\nu_{\tau L})$	\mathbf{C}
CSL_dcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_Rd_L)(\bar{\mu}_R\nu_{\tau L})$	\mathbf{C}
CT_dcmunutau	$-\frac{4\check{G}_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu}d_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{\tau L})$	С

ustaunu

WC name	Operator	Type
CVL_sutaunue	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L\gamma^{\mu}s_L)(\bar{\tau}_L\gamma_{\mu}\nu_{eL})$	C
CVR_sutaunue	$-rac{4\widetilde{G}_F^2}{\sqrt{2}}V_{us}(ar{u}_R\gamma^\mu s_R)(ar{ au}_L\gamma_\mu u_{eL})$	\mathbf{C}
CSR_sutaunue	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L s_R)(\bar{\tau}_R \nu_{eL})$	$^{\mathrm{C}}$
CSL_sutaunue	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_Rs_L)(\bar{\tau}_R\nu_{eL})$	$^{\mathrm{C}}$
CT_sutaunue	$-rac{4\ddot{G}_F}{\sqrt{2}}V_{us}(\bar{u}_R\sigma^{\mu u}s_L)(\bar{ au}_R\sigma_{\mu u} u_{eL})$	$^{\mathrm{C}}$
CVL_sutaunumu	$-rac{4\widetilde{G}_F}{\sqrt{2}}V_{us}(ar{u}_L\gamma^\mu s_L)(ar{ au}_L\gamma_\mu u_{\mu L})$	$^{\mathrm{C}}$
CVR_sutaunumu	$-rac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\gamma^\mu s_R)(\bar{ au}_L\gamma_\mu u_{\mu L})$	\mathbf{C}
CSR_sutaunumu	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L s_R)(\bar{\tau}_R \nu_{\mu L})$	\mathbf{C}
CSL_sutaunumu	$-rac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_Rs_L)(\bar{ au}_R u_{\mu L})$	\mathbf{C}
CT_sutaunumu	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\sigma^{\mu\nu}s_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\mu L})$	$^{\mathrm{C}}$
CVL_sutaunutau	$-rac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L\gamma^\mu s_L)(\bar{ au}_L\gamma_\mu u_{ au L})$	\mathbf{C}
CVR_sutaunutau	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\gamma^\mu s_R)(\bar{\tau}_L\gamma_\mu \nu_{\tau L})$	$^{\mathrm{C}}$
CSR_sutaunutau	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L s_R)(\bar{\tau}_R \nu_{\tau L})$	\mathbf{C}
CSL_sutaunutau	$-\frac{4\widetilde{G}_F}{\sqrt{2}}V_{us}(\bar{u}_Rs_L)(\bar{\tau}_R u_{\tau L})$	$^{\mathrm{C}}$
CT_sutaunutau	$-rac{4reve{\zeta_F}}{\sqrt{2}}V_{us}(ar{u}_R\sigma^{\mu u}s_L)(ar{ au}_R\sigma_{\mu u} u_{ au L})$	\mathbf{C}

cstaunu

WC name	Operator	Type
CVL_sctaunue	$-rac{4G_F}{\sqrt{2}}V_{cs}(ar{c}_L\gamma^\mu s_L)(ar{ au}_L\gamma_\mu u_{eL})$	С

WC name	Operator	Type
CVR_sctaunue	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\gamma^{\mu}s_R)(\bar{\tau}_L\gamma_{\mu}\nu_{eL})$	
CSR_sctaunue	$-rac{4\widetilde{G}_F^2}{\sqrt{2}}V_{cs}(ar{c}_L s_R)(ar{ au}_R u_{eL})$	\mathbf{C}
CSL_sctaunue	$-\frac{4G_F^2}{\sqrt{2}}V_{cs}(\bar{c}_R s_L)(\bar{\tau}_R \nu_{eL})$	\mathbf{C}
CT_sctaunue	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\sigma^{\mu\nu}s_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{eL})$	\mathbf{C}
CVL_sctaunumu	$-rac{4 ilde{G}_F}{\sqrt{2}} V_{cs} (ar{c}_L \gamma^\mu s_L) (ar{ au}_L \gamma_\mu u_{\mu L})$	\mathbf{C}
CVR_sctaunumu	$-rac{4G_F}{\sqrt{2}}V_{cs}(ar{c}_R\gamma^\mu s_R)(ar{ au}_L\gamma_\mu u_{\mu L})$	\mathbf{C}
CSR_sctaunumu	$-rac{4G_F}{\sqrt{2}}V_{cs}(ar{c}_L s_R)(ar{ au}_R u_{\mu L})$	\mathbf{C}
CSL_sctaunumu	$-rac{4G_F}{\sqrt{2}}V_{cs}(ar{c}_Rs_L)(ar{ au}_R u_{\mu L})$	\mathbf{C}
CT_sctaunumu	$-rac{4G_F}{\sqrt{2}}V_{cs}(ar{c}_R\sigma^{\mu u}s_L)(ar{ au}_R\sigma_{\mu u} u_{\mu L})$	$^{\mathrm{C}}$
CVL_sctaunutau	$-rac{4G_F}{\sqrt{2}}V_{cs}(ar{c}_L\gamma^\mu s_L)(ar{ au}_L\gamma_\mu u_{ au L})$	$^{\mathrm{C}}$
CVR_sctaunutau	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\gamma^{\mu}s_R)(\bar{\tau}_L\gamma_{\mu}\nu_{\tau L})$	\mathbf{C}
CSR_sctaunutau	$-rac{4\ddot{G}_F}{\sqrt{2}}V_{cs}(\bar{c}_L s_R)(\bar{ au}_R u_{ au L})$	\mathbf{C}
CSL_sctaunutau	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_Rs_L)(\bar{\tau}_R\nu_{\tau L})$	\mathbf{C}
CT_sctaunutau	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\sigma^{\mu\nu}s_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\tau L})$	С

${\tt cdtaunu}$

WC name	Operator	Type
CVL_dctaunue	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^\mu d_L)(\bar{\tau}_L\gamma_\mu\nu_{eL})$	C
CVR_dctaunue	$-rac{4 ilde{Q}_F^2}{\sqrt{2}}V_{cd}(ar{c}_R\gamma^\mu d_R)(ar{ au}_L\gamma_\mu u_{eL})$	\mathbf{C}
CSR_dctaunue	$-\frac{4\tilde{G}_F}{\sqrt{2}}V_{cd}(\bar{c}_Ld_R)(\bar{\tau}_R\nu_{eL})$	\mathbf{C}
CSL_dctaunue	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_Rd_L)(\bar{\tau}_R\nu_{eL})$	\mathbf{C}
CT_dctaunue	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu}d_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{eL})$	\mathbf{C}
CVL_dctaunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^\mu d_L)(\bar{\tau}_L\gamma_\mu\nu_{\mu L})$	\mathbf{C}
CVR_dctaunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^\mu d_R)(\bar{\tau}_L\gamma_\mu\nu_{\mu L})$	\mathbf{C}
CSR_dctaunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_Ld_R)(\bar{\tau}_R\nu_{\mu L})$	\mathbf{C}
CSL_dctaunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_Rd_L)(\bar{\tau}_R\nu_{\mu L})$	\mathbf{C}
CT_dctaunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu}d_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\mu L})$	\mathbf{C}
CVL_dctaunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^\mu d_L)(\bar{\tau}_L\gamma_\mu\nu_{\tau L})$	\mathbf{C}
CVR_dctaunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^\mu d_R)(\bar{\tau}_L\gamma_\mu\nu_{\tau L})$	\mathbf{C}
CSR_dctaunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_Ld_R)(\bar{\tau}_R\nu_{\tau L})$	\mathbf{C}
CSL_dctaunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_Rd_L)(\bar{\tau}_R\nu_{\tau L})$	\mathbf{C}
CT_dctaunutau	$-rac{4 \widetilde{G_F}}{\sqrt{2}} V_{cd} (ar{c}_R \sigma^{\mu u} d_L) (ar{ au}_R \sigma_{\mu u} u_{ au L})$	\mathbf{C}

udenu

WC name	Operator	Type
CVL_duenue	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L\gamma^\mu d_L)(\bar{e}_L\gamma_\mu\nu_{eL})$	C
CVR_duenue	$-\frac{4\widetilde{G}_F^2}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{e}_L\gamma_\mu\nu_{eL})$	$^{\mathrm{C}}$
CSR_duenue	$-\frac{4\overset{.}{G_F}}{\sqrt{2}}V_{ud}(\bar{u}_Ld_R)(\bar{e}_R u_{eL})$	\mathbf{C}
CSL_duenue	$-\frac{4\check{G}_F^c}{\sqrt{2}}V_{ud}(\bar{u}_Rd_L)(\bar{e}_R\nu_{eL})$	\mathbf{C}
CT_duenue	$-rac{4\check{G}_F^c}{\sqrt{2}}V_{ud}(ar{u}_R\sigma^{\mu u}d_L)(ar{e}_R\sigma_{\mu u} u_{eL})$	\mathbf{C}
CVL_duenumu	$-rac{4 \check{G}_F}{\sqrt{2}} V_{ud} (\bar{u}_L \gamma^\mu d_L) (\bar{e}_L \gamma_\mu u_{\mu L})$	\mathbf{C}
CVR_duenumu	$-\frac{4\check{G}_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{e}_L\gamma_\mu\nu_{\mu L})$	\mathbf{C}
CSR_duenumu	$-\frac{4\tilde{G}_F}{\sqrt{2}}V_{ud}(\bar{u}_Ld_R)(\bar{e}_R\nu_{\mu L})$	\mathbf{C}
CSL_duenumu	$-rac{4\check{G}_F}{\sqrt{2}}V_{ud}(\bar{u}_Rd_L)(\bar{e}_R u_{\mu L})$	\mathbf{C}
CT_duenumu	$-rac{4G_F}{\sqrt{2}}V_{ud}(ar{u}_R\sigma^{\mu u}d_L)(ar{e}_R\sigma_{\mu u} u_{\mu L})$	\mathbf{C}
CVL_duenutau	$-rac{4 G_F}{\sqrt{2}} V_{ud} (\bar{u}_L \gamma^\mu d_L) (\bar{e}_L \gamma_\mu u_{ au L})$	\mathbf{C}
CVR_duenutau	$-rac{4 \overleftarrow{G_F}}{\sqrt{2}} V_{ud}(ar{u}_R \gamma^\mu d_R) (ar{e}_L \gamma_\mu u_{ au L})$	\mathbf{C}
CSR_duenutau	$-\frac{4 \overleftarrow{G_F}}{\sqrt{2}} V_{ud}(\bar{u}_L d_R)(\bar{e}_R \nu_{\tau L})$	\mathbf{C}
CSL_duenutau	$-\frac{4\tilde{G}_F}{\sqrt{2}}V_{ud}(\bar{u}_Rd_L)(\bar{e}_R u_{\tau L})$	\mathbf{C}
CT_duenutau	$-rac{4\widetilde{G_F}}{\sqrt{2}}V_{ud}(ar{u}_R\sigma^{\mu u}d_L)(ar{e}_R\sigma_{\mu u} u_{ au L})$	С

${\tt udmunu}$

WC name	Operator	Type
CVL_dumunue	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L\gamma^{\mu}d_L)(\bar{\mu}_L\gamma_{\mu}\nu_{eL})$	C
CVR_dumunue	$-rac{4\widetilde{G_F}}{\sqrt{2}}V_{ud}(ar{u}_R\gamma^\mu d_R)(ar{\mu}_L\gamma_\mu u_{eL})$	\mathbf{C}
CSR_dumunue	$-rac{4rac{arphi_F}{\sqrt{2}}}{\sqrt{2}}V_{ud}(ar{u}_Ld_R)(ar{\mu}_R u_{eL})$	\mathbf{C}
CSL_dumunue	$-rac{4rac{rack{G_F}}{\sqrt{2}}}{\sqrt{2}}V_{ud}(ar{u}_Rd_L)(ar{\mu}_R u_{eL})$	\mathbf{C}
CT_dumunue	$-rac{4rac{arphi_F}{\sqrt{2}}}{\sqrt{2}}V_{ud}(ar{u}_R\sigma^{\mu u}d_L)(ar{\mu}_R\sigma_{\mu u} u_{eL})$	\mathbf{C}
CVL_dumunumu	$-rac{4reve{G_F}}{\sqrt{2}}V_{ud}(ar{u}_L\gamma^\mu d_L)(ar{\mu}_L\gamma_\mu u_{\mu L})$	\mathbf{C}
CVR_dumunumu	$-rac{4ar{G_F}}{\sqrt{2}}V_{ud}(ar{u}_R\gamma^\mu d_R)(ar{\mu}_L\gamma_\mu u_{\mu L})$	\mathbf{C}
CSR_dumunumu	$-rac{4ar{G}_F}{\sqrt{2}}V_{ud}(ar{u}_Ld_R)(ar{\mu}_R u_{\mu L})$	\mathbf{C}
CSL_dumunumu	$-rac{4ar{G}_F}{\sqrt{2}}V_{ud}(ar{u}_Rd_L)(ar{\mu}_R u_{\mu L})$	\mathbf{C}
CT_dumunumu	$-rac{4ar{G}_F}{\sqrt{2}}V_{ud}(ar{u}_R\sigma^{\mu u}d_L)(ar{\mu}_R\sigma_{\mu u} u_{\mu L})$	\mathbf{C}
CVL_dumunutau	$-rac{4ar{G_F}}{\sqrt{2}}V_{ud}(ar{u}_L\gamma^\mu d_L)(ar{\mu}_L\gamma_\mu u_{ au L})$	\mathbf{C}
CVR_dumunutau	$-rac{4ar{G}_F}{\sqrt{2}}V_{ud}(ar{u}_R\gamma^\mu d_R)(ar{\mu}_L\gamma_\mu u_{ au L})$	\mathbf{C}
CSR_dumunutau	$-rac{4\widetilde{G_F}}{\sqrt{2}}V_{ud}(\bar{u}_Ld_R)(\bar{\mu}_R u_{ au L})$	\mathbf{C}
CSL_dumunutau	$-rac{4\widetilde{G_F}}{\sqrt{2}}V_{ud}(\bar{u}_Rd_L)(\bar{\mu}_R u_{ au L})$	\mathbf{C}
CT_dumunutau	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\sigma^{\mu\nu}d_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{\tau L})$	С

udtaunu

WC name	Operator	Type
CVL_dutaunue	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L\gamma^\mu d_L)(\bar{\tau}_L\gamma_\mu\nu_{eL})$	C
CVR_dutaunue	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{\tau}_L\gamma_\mu\nu_{eL})$	\mathbf{C}
CSR_dutaunue	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_Ld_R)(\bar{\tau}_R\nu_{eL})$	\mathbf{C}
CSL_dutaunue	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_Rd_L)(\bar{\tau}_R\nu_{eL})$	\mathbf{C}
CT_dutaunue	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\sigma^{\mu\nu}d_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{eL})$	\mathbf{C}
CVL_dutaunumu	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L\gamma^\mu d_L)(\bar{\tau}_L\gamma_\mu\nu_{\mu L})$	\mathbf{C}
CVR_dutaunumu	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{\tau}_L\gamma_\mu\nu_{\mu L})$	\mathbf{C}
CSR_dutaunumu	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_Ld_R)(\bar{\tau}_R\nu_{\mu L})$	\mathbf{C}
CSL_dutaunumu	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_Rd_L)(\bar{\tau}_R\nu_{\mu L})$	\mathbf{C}
CT_dutaunumu	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\sigma^{\mu\nu}d_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\mu L})$	\mathbf{C}
CVL_dutaunutau	$-rac{4\widetilde{G}_F}{\sqrt{2}}V_{ud}(\bar{u}_L\gamma^\mu d_L)(\bar{ au}_L\gamma_\mu u_{ au L})$	\mathbf{C}
CVR_dutaunutau	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{\tau}_L\gamma_\mu\nu_{\tau L})$	\mathbf{C}
CSR_dutaunutau	$-\frac{4\tilde{G}_F}{\sqrt{2}}V_{ud}(\bar{u}_Ld_R)(\bar{\tau}_R\nu_{\tau L})$	\mathbf{C}
CSL_dutaunutau	$-rac{4\widetilde{G}_F}{\sqrt{2}}V_{ud}(\bar{u}_Rd_L)(\bar{ au}_R u_{ au L})$	\mathbf{C}
CT_dutaunutau	$-rac{4reve{G_F}}{\sqrt{2}}V_{ud}(ar{u}_R\sigma^{\mu u}d_L)(ar{ au}_R\sigma_{\mu u} u_{ au L})$	\mathbf{C}

dF=0

WC name	Operator	Type
CG	$\frac{4G_F}{\sqrt{2}}f^{ABC}G^{A\nu}_{\mu}G^{B\rho}_{\nu}G^{C\mu}_{\rho}$	R
CGtilde	$rac{4G_F}{\sqrt{2}}f^{ABC}\widetilde{G}^{A u}_{\mu}G^{B ho}_{ u}G^{C\mu}_{ ho}$	R
C7_uu	$\frac{4G_F^2}{\sqrt{2}}\frac{e}{16\pi^2}m_u\bar{u}_L\sigma^{\mu\nu}u_RF_{\mu\nu}$	\mathbf{C}
C7_cc	$rac{4 ar{G_F}}{\sqrt{2}} rac{e}{16\pi^2} m_c ar{c}_L \sigma^{\mu u} c_R F_{\mu u}$	\mathbf{C}
C7_dd	$rac{4 ar{G_F}}{\sqrt{2}} rac{e}{16\pi^2} m_d ar{d}_L \sigma^{\mu u} d_R F_{\mu u}$	\mathbf{C}
C7_ss	$rac{4ar{G}_F}{\sqrt{2}}rac{e}{16\pi^2}m_sar{s}_L\sigma^{\mu u}s_RF_{\mu u}$	\mathbf{C}
C8_uu	$rac{4ar{G}_F}{\sqrt{2}}rac{g_s}{16\pi^2}m_uar{u}_L\sigma^{\mu u}T^Au_RG^A_{\mu u}$	\mathbf{C}
C8_cc	$\frac{4G_F}{\sqrt{2}} \frac{g_s}{16\pi^2} m_c \bar{c}_L \sigma^{\mu\nu} T^A c_R G_{\mu\nu}^A$	$^{\mathrm{C}}$
C8_dd	$\frac{4\tilde{G}_F}{\sqrt{2}}\frac{g_s}{16\pi^2}m_d\bar{d}_L\sigma^{\mu\nu}T^Ad_RG^A_{\mu\nu}$	$^{\mathrm{C}}$
C8_ss	$rac{4 G_F}{\sqrt{2}} rac{g_s}{16\pi^2} m_s ar{s}_L \sigma^{\mu u} T^A s_R G_{\mu u}^A$	\mathbf{C}
CTRR_eeuu	$\frac{4G_F}{\sqrt{2}}(\bar{e}_L\sigma^{\mu\nu}e_R)(\bar{u}_L\sigma_{\mu\nu}u_R)$	\mathbf{C}
CTRR_mumuuu	$rac{4ar{G}_F}{\sqrt{2}}(ar{\mu}_L\sigma^{\mu u}\mu_R)(ar{u}_L\sigma_{\mu u}u_R)$	$^{\mathrm{C}}$
CTRR_tautauuu	$\frac{4\tilde{G}_F}{\sqrt{2}}(ar{ au}_L\sigma^{\mu u} au_R)(ar{u}_L\sigma_{\mu u}u_R)$	$^{\mathrm{C}}$
CTRR_eedd	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{e}_L\sigma^{\mu\nu}e_R)(\bar{d}_L\sigma_{\mu\nu}d_R)$	\mathbf{C}
CTRR_eess	$\frac{4G_F}{\sqrt{2}}(\bar{e}_L\sigma^{\mu\nu}e_R)(\bar{s}_L\sigma_{\mu\nu}s_R)$	$^{\mathrm{C}}$

WC name	Operator	Type
CTRR_eebb	$rac{4G_F}{\sqrt{2}}(ar{e}_L\sigma^{\mu u}e_R)(ar{b}_L\sigma_{\mu u}b_R)$	\mathbf{C}
CTRR_mumudd	$rac{4G_F}{\sqrt{2}}(ar{\mu}_L\sigma^{\mu u}\mu_R)(ar{d}_L\sigma_{\mu u}d_R)$	\mathbf{C}
CTRR_mumuss	$rac{4G_F}{\sqrt{2}}(ar{\mu}_L\sigma^{\mu u}\mu_R)(ar{s}_L\sigma_{\mu u}s_R)$	$^{\mathrm{C}}$
CTRR_mumubb	$rac{4 G_F}{\sqrt{2}} (ar{\mu}_L \sigma^{\mu u} \mu_R) (ar{b}_L \sigma_{\mu u} b_R)$	$^{\mathrm{C}}$
CTRR_tautaudd	$rac{4G_F}{\sqrt{2}}(ar{ au}_L\sigma^{\mu u} au_R)(ar{d}_L\sigma_{\mu u}d_R)$	$^{\mathrm{C}}$
CTRR_tautauss	$rac{4ar{G_F}}{\sqrt{2}}(ar{ au}_L\sigma^{\mu u} au_R)(ar{s}_L\sigma_{\mu u}s_R)$	\mathbf{C}
CTRR_tautaubb	$rac{4G_F}{\sqrt{2}}(ar{ au}_L\sigma^{\mu u} au_R)(ar{b}_L\sigma_{\mu u}b_R)$	\mathbf{C}
CS1RR_uuuu	$rac{4G_F}{\sqrt{2}}(ar{u}_L u_R)(ar{u}_L u_R)$	$^{\mathrm{C}}$
CS8RR_uuuu	$\frac{4G_F}{\sqrt{2}}(\bar{u}_L T^A u_R)(\bar{u}_L T^A u_R)$	$^{\mathrm{C}}$
CS1RR_uudd	$rac{4ar{G_F}}{\sqrt{2}}(ar{u}_L u_R)(ar{d}_L d_R)$	\mathbf{C}
CS1RR_uuss	$rac{4ar{G_F}}{\sqrt{2}}(ar{u}_L u_R)(ar{s}_L s_R)$	\mathbf{C}
CS1RR_uubb	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{u}_L u_R)(\bar{b}_L b_R)$	\mathbf{C}
CS8RR_uudd	$\frac{4\bar{G_F}}{\sqrt{2}}(\bar{u}_L T^A u_R)(\bar{d}_L T^A d_R)$	\mathbf{C}
CS8RR_uuss	$\frac{4G_F}{\sqrt{2}}(\bar{u}_L T^A u_R)(\bar{s}_L T^A s_R)$	\mathbf{C}
CS8RR_uubb	$\frac{4\bar{G_F}}{\sqrt{2}}(\bar{u}_L T^A u_R)(\bar{b}_L T^A b_R)$	\mathbf{C}
CS1RR_dddd	$rac{4G_F}{\sqrt{2}}(ar{d}_Ld_R)(ar{d}_Ld_R)$	\mathbf{C}
CS1RR_ddss	$rac{4ar{G_F}}{\sqrt{2}}(ar{d}_L d_R)(ar{s}_L s_R)$	\mathbf{C}
CS1RR_ddbb	$rac{4 G_F}{\sqrt{2}} (ar{d}_L d_R) (ar{b}_L b_R)$	\mathbf{C}
CS1RR_dssd	$rac{4ar{G_F}}{\sqrt{2}}(ar{d}_L s_R)(ar{s}_L d_R)$	\mathbf{C}
CS1RR_dbbd	$rac{4G_F}{\sqrt{2}}(ar{d}_L b_R)(ar{b}_L d_R)$	\mathbf{C}
CS1RR_ssss	$rac{4G_F}{\sqrt{2}}(ar{s}_L s_R)(ar{s}_L s_R)$	\mathbf{C}
CS1RR_ssbb	$rac{4ar{G_F}}{\sqrt{2}}(ar{s}_L s_R)(ar{b}_L b_R)$	\mathbf{C}
CS1RR_sbbs	$rac{4 \overline{G_F}}{\sqrt{2}} (ar{s}_L b_R) (ar{b}_L s_R)$	\mathbf{C}
CS1RR_bbbb	$rac{4 G_F}{\sqrt{2}} (ar{b}_L b_R) (ar{b}_L b_R)$	\mathbf{C}
CS8RR_dddd	$\frac{4\bar{G_F}}{\sqrt{2}}(\bar{d}_L T^A d_R)(\bar{d}_L T^A d_R)$	\mathbf{C}
CS8RR_ddss	$rac{4G_F}{\sqrt{2}}(ar{d}_L T^A d_R)(ar{s}_L T^A s_R)$	\mathbf{C}
CS8RR_ddbb	$rac{4ar{G_F}}{\sqrt{2}}(ar{d}_LT^Ad_R)(ar{b}_LT^Ab_R)$	\mathbf{C}
CS8RR_dssd	$\frac{4G_F}{\sqrt{2}}(\bar{d}_L T^A s_R)(\bar{s}_L T^A d_R)$	\mathbf{C}
CS8RR_dbbd	$\frac{4G_F}{\sqrt{2}}(ar{d}_L T^A b_R)(ar{b}_L T^A d_R)$	\mathbf{C}
CS8RR_ssss	$\frac{4G_F}{\sqrt{2}}(\bar{s}_L T^A s_R)(\bar{s}_L T^A s_R)$	\mathbf{C}
CS8RR_ssbb	$rac{rac{\lambda G_F^2}{\sqrt{2}}}{\sqrt{2}}(ar{s}_L T^A s_R)(ar{b}_L T^A b_R)$	\mathbf{C}
CS8RR_sbbs	$rac{4G_F}{\sqrt{2}}(ar{s}_L T^A b_R)(ar{b}_L T^A s_R)$	\mathbf{C}
CS8RR_bbbb	$ \frac{\frac{4G_F}{\sqrt{2}}(\bar{s}_L T^A b_R)(\bar{b}_L T^A s_R)}{\frac{4G_F}{\sqrt{2}}(\bar{b}_L T^A b_R)(\bar{b}_L T^A b_R)} \\ \frac{\frac{4G_F}{\sqrt{2}}(\bar{u}_L d_R)(\bar{d}_L u_R)}{\frac{4G_F}{\sqrt{2}}(\bar{u}_L d_R)(\bar{d}_L u_R)} $	\mathbf{C}
CS1RR_uddu	$\frac{4\ddot{G_F}}{\sqrt{2}}(ar{u}_Ld_R)(ar{d}_Lu_R)$	\mathbf{C}
CS1RR_ussu	$\frac{4G_F}{\sqrt{2}}(\bar{u}_L s_R)(\bar{s}_L u_R)$	\mathbf{C}
CS1RR_ubbu	$\frac{4G_F}{\sqrt{2}}(\bar{u}_L b_R)(\bar{b}_L u_R)$	\mathbf{C}
CS8RR_uddu	$ \frac{4G_F}{\sqrt{2}}(\bar{u}_L s_R)(\bar{s}_L u_R) \frac{4G_F}{\sqrt{2}}(\bar{u}_L b_R)(\bar{b}_L u_R) \frac{4G_F}{\sqrt{2}}(\bar{u}_L t_R)(\bar{d}_L t_R) \frac{4G_F}{\sqrt{2}}(\bar{u}_L t_R)(\bar{d}_L t_R) $	\mathbf{C}
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WC name	Operator	Type
CS8RR_ussu	$\frac{4G_F}{\sqrt{2}}(\bar{u}_L T^A s_R)(\bar{s}_L T^A u_R)$ $\frac{4G_F}{\sqrt{2}}(\bar{u}_L T^A b_R)(\bar{b}_L T^A u_R)$	С
CS8RR_ubbu	$\frac{4\bar{G}_F}{\sqrt{2}}(\bar{u}_L T^A b_R)(\bar{b}_L T^A u_R)$	С

mue

WC name	Operator	Type
Cgamma_mue	$\bar{e}_L \sigma^{\mu\nu} \mu_R F_{\mu\nu}$	C
Cgamma_emu	$ar{\mu}_L \sigma^{\mu u} e_R F_{\mu u}$	$^{\mathrm{C}}$
CVLL_eemue	$(ar{e}_L \gamma^\mu e_L) (ar{e}_L \gamma_\mu \mu_L)$	$^{\mathrm{C}}$
CVLL_muemumu	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\mu}_L \gamma_\mu \mu_L)$	$^{\mathrm{C}}$
CVLL_muetautau	$(ar{e}_L \gamma^\mu \mu_L) (ar{ au}_L \gamma_\mu au_L)$	$^{\mathrm{C}}$
CVLL_mueuu	$(ar{e}_L \gamma^\mu \mu_L) (ar{u}_L \gamma_\mu u_L)$	$^{\mathrm{C}}$
CVLL_muecc	$(ar{e}_L \gamma^\mu \mu_L) (ar{c}_L \gamma_\mu c_L)$	$^{\mathrm{C}}$
CVLL_muedd	$(ar{e}_L \gamma^\mu \mu_L) (ar{d}_L \gamma_\mu d_L)$	C
CVLL_muess	$(ar{e}_L \gamma^\mu \mu_L) (ar{s}_L \gamma_\mu s_L)$	C
CVRR_eemue	$(\bar{e}_R \gamma^\mu e_R)(\bar{e}_R \gamma_\mu \mu_R)$	$^{\mathrm{C}}$
CVRR_muemumu	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{\mu}_R \gamma_\mu \mu_R)$	$^{\mathrm{C}}$
CVRR_muetautau	$(ar{e}_R \gamma^\mu \mu_R) (ar{ au}_R \gamma_\mu au_R)$	$^{\mathrm{C}}$
CVRR_mueuu	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{u}_R \gamma_\mu u_R)$	C
CVRR_muecc	$(ar{e}_R \gamma^\mu \mu_R) (ar{c}_R \gamma_\mu c_R)$	C
CVRR_muedd	$(ar{e}_R \gamma^\mu \mu_R) (ar{d}_R \gamma_\mu d_R)$	$^{\mathrm{C}}$
CVRR_muess	$(ar{e}_R \gamma^\mu \mu_R) (ar{s}_R \gamma_\mu s_R)$	\mathbf{C}
CVLR_eemue	$(\bar{e}_L \gamma^\mu e_L)(\bar{e}_R \gamma_\mu \mu_R)$	$^{\mathrm{C}}$
CVLR_mueee	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{e}_R \gamma_\mu e_R)$	\mathbf{C}
CVLR_muemumu	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	$^{\mathrm{C}}$
CVLR_muetautau	$(ar{e}_L \gamma^\mu \mu_L) (ar{ au}_R \gamma_\mu au_R)$	\mathbf{C}
CVLR_tauemutau	$(ar{e}_L \gamma^\mu au_L) (ar{ au}_R \gamma_\mu \mu_R)$	\mathbf{C}
CVLR_mumumue	$(ar{\mu}_L \gamma^\mu \mu_L) (ar{e}_R \gamma_\mu \mu_R)$	$^{\mathrm{C}}$
CVLR_taumuetau	$(ar{\mu}_L \gamma^\mu au_L) (ar{ au}_R \gamma_\mu e_R)$	$^{\mathrm{C}}$
CVLR_tautaumue	$(ar au_L\gamma^\mu au_L)(ar e_R\gamma_\mu\mu_R)$	\mathbf{C}
CVLR_mueuu	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{u}_R \gamma_\mu u_R)$	\mathbf{C}
CVLR_muecc	$(ar{e}_L \gamma^\mu \mu_L) (ar{c}_R \gamma_\mu c_R)$	\mathbf{C}
CVLR_muedd	$(ar{e}_L \gamma^\mu \mu_L) (ar{d}_R \gamma_\mu d_R)$	$^{\mathrm{C}}$
CVLR_muess	$(ar{e}_L \gamma^\mu \mu_L) (ar{s}_R \gamma_\mu s_R)$	$^{\mathrm{C}}$
CVLR_uumue	$(ar{u}_L \gamma^\mu u_L) (ar{e}_R \gamma_\mu \mu_R)$	\mathbf{C}
CVLR_ccmue	$(ar{c}_L \gamma^\mu c_L) (ar{e}_R \gamma_\mu \mu_R)$	$^{\mathrm{C}}$
CVLR_ddmue	$(ar{d}_L \gamma^\mu d_L) (ar{e}_R \gamma_\mu \mu_R)$	$^{\mathrm{C}}$
CVLR_ssmue	$(ar{s}_L \gamma^\mu s_L)(ar{e}_R \gamma_\mu \mu_R)$	$^{\mathrm{C}}$
CSRL_mueuu	$(ar{e}_L\mu_R)(ar{u}_Ru_L)$	C
CSRL_muecc	$(ar{e}_L \mu_R)(ar{c}_R c_L)$	$^{\mathrm{C}}$
CSRL_emuuu	$(ar{\mu}_L e_R)(ar{u}_R u_L)$	$^{\mathrm{C}}$
CSRL_emucc	$(ar{\mu}_L e_R)(ar{c}_R c_L)$	$^{\mathrm{C}}$

WC name	Operator	Type
CSRL_muedd	$(ar{e}_L\mu_R)(ar{d}_Rd_L)$	C
CSRL_muess	$(ar{e}_L\mu_R)(ar{s}_Rs_L)$	\mathbf{C}
CSRL_emudd	$(ar{\mu}_L e_R)(ar{d}_R d_L)$	\mathbf{C}
CSRL_emuss	$(ar{\mu}_L e_R)(ar{s}_R s_L)$	$^{\mathrm{C}}$
CSRR_eemue	$(ar{e}_L e_R)(ar{e}_L \mu_R)$	$^{\mathrm{C}}$
CSRR_eeemu	$(ar{e}_L e_R)(ar{\mu}_L e_R)$	\mathbf{C}
CSRR_muemumu	$(ar{e}_L\mu_R)(ar{\mu}_L\mu_R)$	\mathbf{C}
CSRR_muetautau	$(ar{e}_L\mu_R)(ar{ au}_L au_R)$	\mathbf{C}
CSRR_tauemutau	$(ar{e}_L au_R)(ar{ au}_L\mu_R)$	\mathbf{C}
CSRR_emumumu	$(ar{\mu}_L e_R)(ar{\mu}_L \mu_R)$	\mathbf{C}
CSRR_emutautau	$(ar{\mu}_L e_R)(ar{ au}_L au_R)$	\mathbf{C}
CSRR_taumuetau	$(ar{\mu}_L au_R)(ar{ au}_Le_R)$	С
CSRR_mueuu	$(ar{e}_L\mu_R)(ar{u}_Lu_R)$	$^{\mathrm{C}}$
CSRR_muecc	$(\bar{e}_L \mu_R)(\bar{c}_L c_R)$	$^{\mathrm{C}}$
CSRR_emuuu	$(ar{\mu}_L e_R)(ar{u}_L u_R)$	$^{\mathrm{C}}$
CSRR_emucc	$(ar{\mu}_L e_R)(ar{c}_L c_R)$	$^{\mathrm{C}}$
CTRR_mueuu	$(\bar{e}_L \sigma^{\mu\nu} \mu_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	С
CTRR_muecc	$(ar{e}_L\sigma^{\mu u}\mu_R)(ar{c}_L\sigma_{\mu u}c_R)$	\mathbf{C}
CTRR_emuuu	$(\bar{\mu}_L \sigma^{\mu\nu} e_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	C
CTRR_emucc	$(ar{\mu}_L \sigma^{\mu u} e_{ar{R}}) (ar{c}_L \sigma_{\mu u} c_R)$	С
CSRR_muedd	$(ar{e}_L \mu_R)(d_L d_R)$	С
CSRR_muess	$(ar{e}_L\mu_R)(ar{s}_Ls_R)$	\mathbf{C}
CSRR_emudd	$(ar{\mu}_L e_R)(d_L d_R)$	\mathbf{C}
CSRR_emuss	$(ar{\mu}_L e_R)(ar{s}_L s_{ar{R}})$	\mathbf{C}
CTRR_muedd	$(ar{e}_L\sigma^{\mu u}\mu_R)(ar{d}_L\sigma_{\mu u}d_R)$	\mathbf{C}
CTRR_muess	$(ar{e}_L\sigma^{\mu u}\mu_R)(ar{s}_L\sigma_{\mu u}s_R)$	\mathbf{C}
CTRR_emudd	$(ar{\mu}_L \sigma^{\mu u} e_R) (ar{d}_L \sigma_{\mu u} d_R)$	$^{\mathrm{C}}$
CTRR_emuss	$(\bar{\mu}_L \sigma^{\mu\nu} e_R)(\bar{s}_L \sigma_{\mu\nu} s_R)$	C

mutau

WC name	Operator	Type
Cgamma_taumu	$\bar{\mu}_L \sigma^{\mu\nu} \tau_R F_{\mu\nu}$	C
Cgamma_mutau	$ar{ au}_L \sigma^{\mu u} \mu_R \dot{F}_{\mu u}$	\mathbf{C}
CVLL_eetaumu	$(ar{e}_L\gamma^\mu e_L)(\dot{ar{\mu}}_L\gamma_\mu au_L)$	\mathbf{C}
CVLL_mumutaumu	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{\mu}_L \gamma_\mu \tau_L)$	\mathbf{C}
CVLL_taumutautau	$(\bar{\mu}_L \gamma^\mu au_L)(\bar{ au}_L \gamma_\mu au_L)$	\mathbf{C}
CVLL_taumuuu	$(\bar{\mu}_L \gamma^\mu au_L)(\bar{u}_L \gamma_\mu u_L)$	\mathbf{C}
CVLL_taumucc	$(ar{\mu}_L \gamma^\mu au_L) (ar{c}_L \gamma_\mu c_L)$	\mathbf{C}
CVLL_taumudd	$(ar{\mu}_L \gamma^\mu au_L) (ar{d}_L \gamma_\mu d_L)$	\mathbf{C}
CVLL_taumuss	$(ar{\mu}_L \gamma^\mu au_L) (ar{s}_L \gamma_\mu s_L)$	$^{\mathrm{C}}$
CVRR_eetaumu	$(\bar{e}_R\gamma^\mu e_R)(\bar{\mu}_R\gamma_\mu au_R)$	$^{\mathrm{C}}$

WC name	Operator	Type
CVRR_mumutaumu	$(\bar{\mu}_R \gamma^\mu \mu_R)(\bar{\mu}_R \gamma_\mu \tau_R)$	С
CVRR_taumutautau	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{\tau}_R \gamma_\mu \tau_R)$	\mathbf{C}
CVRR_taumuuu	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{u}_R \gamma_\mu u_R)$	$^{\mathrm{C}}$
CVRR_taumucc	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{c}_R \gamma_\mu c_R)$	$^{\mathrm{C}}$
CVRR_taumudd	$(\bar{\mu}_R \gamma^\mu au_R)(\bar{d}_R \gamma_\mu d_R)$	$^{\mathrm{C}}$
CVRR_taumuss	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{s}_R \gamma_\mu s_R)$	$^{\mathrm{C}}$
CVLR_eetaumu	$(\bar{e}_L \gamma^\mu e_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	$^{\mathrm{C}}$
CVLR_mueetau	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{ au}_R \gamma_\mu e_R)$	$^{\mathrm{C}}$
CVLR_taueemu	$(\bar{e}_L \gamma^\mu au_L)(\bar{\mu}_R \gamma_\mu e_R)$	$^{\mathrm{C}}$
CVLR_mumutaumu	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	$^{\mathrm{C}}$
CVLR_taumuee	$(\bar{\mu}_L \gamma^\mu au_L)(\bar{e}_R \gamma_\mu e_R)$	$^{\mathrm{C}}$
CVLR_taumumumu	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	$^{\mathrm{C}}$
CVLR_taumutautau	$(\bar{\mu}_L \gamma^\mu au_L)(\bar{ au}_R \gamma_\mu au_R)$	$^{\mathrm{C}}$
CVLR_tautautaumu	$(ar au_L\gamma^\mu au_L)(ar\mu_R\gamma_\mu au_R)$	$^{\mathrm{C}}$
CVLR_taumuuu	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{u}_R \gamma_\mu u_R)$	$^{\mathrm{C}}$
CVLR_taumucc	$(\bar{\mu}_L \gamma^\mu au_L)(\bar{c}_R \gamma_\mu c_R)$	$^{\mathrm{C}}$
CVLR_taumudd	$(ar{\mu}_L \gamma^\mu au_L) (ar{d}_R \gamma_\mu d_R)$	$^{\mathrm{C}}$
CVLR_taumuss	$(\bar{\mu}_L \gamma^\mu au_L)(\bar{s}_R \gamma_\mu s_R)$	$^{\mathrm{C}}$
CVLR_uutaumu	$(\bar{u}_L \gamma^\mu u_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	$^{\mathrm{C}}$
CVLR_cctaumu	$(ar{c}_L \gamma^\mu c_L) (ar{\mu}_R \gamma_\mu au_R)$	$^{\mathrm{C}}$
CVLR_ddtaumu	$(ar{d}_L \gamma^\mu d_L) (ar{\mu}_R \gamma_\mu au_R)$	$^{\mathrm{C}}$
CVLR_sstaumu	$(\bar{s}_L \gamma^\mu s_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	$^{\mathrm{C}}$
CSRL_taumuuu	$(\bar{\mu}_L au_R)(\bar{u}_R u_L)$	$^{\mathrm{C}}$
CSRL_taumucc	$(ar{\mu}_L au_R)(ar{c}_Rc_L)$	$^{\mathrm{C}}$
CSRL_mutauuu	$(\bar{ au}_L \mu_R)(\bar{u}_R u_L)$	$^{\mathrm{C}}$
CSRL_mutaucc	$(ar{ au}_L \mu_R)(ar{c}_R c_L)$	$^{\mathrm{C}}$
CSRL_taumudd	$(ar{\mu}_L au_R)(ar{d}_Rd_L)$	$^{\mathrm{C}}$
CSRL_taumuss	$(\bar{\mu}_L au_R)(\bar{s}_R s_L)$	$^{\mathrm{C}}$
CSRL_mutaudd	$(ar{ au}_L\mu_R)(ar{d}_Rd_L)$	$^{\mathrm{C}}$
CSRL_mutauss	$(\bar{ au}_L\mu_R)(\bar{s}_Rs_L)$	$^{\mathrm{C}}$
CSRR_eetaumu	$(ar{e}_L e_R)(ar{\mu}_L au_R)$	$^{\mathrm{C}}$
CSRR_eemutau	$(ar{e}_L e_R)(ar{ au}_L \mu_R)$	$^{\mathrm{C}}$
CSRR_mueetau	$(ar{e}_L\mu_R)(ar{ au}_Le_R)$	$^{\mathrm{C}}$
CSRR_taueemu	$(ar{e}_L au_R)(ar{\mu}_Le_R)$	$^{\mathrm{C}}$
CSRR_mumutaumu	$(ar{\mu}_L\mu_R)(ar{\mu}_L au_R)$	$^{\mathrm{C}}$
CSRR_mumumutau	$(ar{\mu}_L \mu_R)(ar{ au}_L \mu_R)$	$^{\mathrm{C}}$
CSRR_taumutautau	$(\bar{\mu}_L au_R)(\bar{ au}_L au_R)$	$^{\mathrm{C}}$
CSRR_mutautautau	$(ar{ au}_L\mu_R)(ar{ au}_L au_R)$	$^{\mathrm{C}}$
CSRR_taumuuu	$(\bar{\mu}_L au_R)(\bar{u}_L u_R)$	$^{\mathrm{C}}$
CSRR_taumucc	$(\bar{\mu}_L au_R)(\bar{c}_L c_R)$	$^{\mathrm{C}}$
CSRR_mutauuu	$(ar{ au}_L \mu_R)(ar{u}_L u_R)$	$^{\mathrm{C}}$
CSRR_mutaucc	$(ar{ au}_L \mu_R)(ar{c}_L c_R)$	$^{\mathrm{C}}$
CTRR_taumuuu	$(\bar{\mu}_L \sigma^{\mu\nu} \tau_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	$^{\mathrm{C}}$
CTRR_taumucc	$(\bar{\mu}_L \sigma^{\mu\nu} au_R) (\bar{c}_L \sigma_{\mu\nu} c_R)$	$^{\mathrm{C}}$

WC name	Operator	Type
CTRR_mutauuu	$(\bar{ au}_L \sigma^{\mu u} \mu_R)(\bar{u}_L \sigma_{\mu u} u_R)$	С
CTRR_mutaucc	$(ar{ au}_L \sigma^{\mu u} \mu_R) (ar{c}_L \sigma_{\mu u} c_R)$	$^{\mathrm{C}}$
CSRR_taumudd	$(ar{\mu}_L au_R)(ar{d}_Ld_R)$	$^{\mathrm{C}}$
CSRR_taumuss	$(ar{\mu}_L au_R)(ar{s}_Ls_R)$	$^{\mathrm{C}}$
CSRR_mutaudd	$(ar{ au}_L\mu_R)(ar{d}_Ld_R)$	\mathbf{C}
CSRR_mutauss	$(ar{ au}_L\mu_R)(ar{s}_Ls_R)$	$^{\mathrm{C}}$
CTRR_taumudd	$(ar{\mu}_L\sigma^{\mu u} au_R)(ar{d}_L\sigma_{\mu u}d_R)$	\mathbf{C}
CTRR_taumuss	$(ar{\mu}_L\sigma^{\mu u} au_R)(ar{s}_L\sigma_{\mu u}s_R)$	$^{\mathrm{C}}$
CTRR_mutaudd	$(ar{ au}_L \sigma^{\mu u} \mu_R) (ar{d}_L \sigma_{\mu u} d_R)$	\mathbf{C}
CTRR_mutauss	$(\bar{\tau}_L \sigma^{\mu\nu} \mu_R)(\bar{s}_L \sigma_{\mu\nu} s_R)$	С

taue

WC name	Operator	Type
Cgamma_taue	$\bar{e}_L \sigma^{\mu u} au_R F_{\mu u}$	C
Cgamma_etau	$ar{ au}_L \sigma^{\mu u} e_R F_{\mu u}$	\mathbf{C}
CVLL_eetaue	$(ar{e}_L \gamma^\mu e_L) (ar{e}_L \gamma_\mu au_L)$	\mathbf{C}
CVLL_muetaumu	$(ar{e}_L \gamma^\mu \mu_L) (ar{\mu}_L \gamma_\mu au_L)$	\mathbf{C}
CVLL_tauetautau	$(ar{e}_L \gamma^\mu au_L) (ar{ au}_L \gamma_\mu au_L)$	\mathbf{C}
CVLL_taueuu	$(ar{e}_L \gamma^\mu au_L) (ar{u}_L \gamma_\mu u_L)$	\mathbf{C}
CVLL_tauecc	$(ar{e}_L \gamma^\mu au_L) (ar{c}_L \gamma_\mu c_L)$	$^{\mathrm{C}}$
CVLL_tauedd	$(ar{e}_L \gamma^\mu au_L) (ar{d}_L \gamma_\mu d_L)$	$^{\mathrm{C}}$
CVLL_tauess	$(ar{e}_L \gamma^\mu au_L) (ar{s}_L \gamma_\mu s_L)$	$^{\mathrm{C}}$
CVRR_eetaue	$(ar{e}_R\gamma^\mu e_R)(ar{e}_R\gamma_\mu au_R)$	$^{\mathrm{C}}$
CVRR_muetaumu	$(ar{e}_R \gamma^\mu \mu_R) (ar{\mu}_R \gamma_\mu au_R)$	$^{\mathrm{C}}$
CVRR_tauetautau	$(ar{e}_R \gamma^\mu au_R) (ar{ au}_R \gamma_\mu au_R)$	\mathbf{C}
CVRR_taueuu	$(\bar{e}_R \gamma^\mu au_R)(\bar{u}_R \gamma_\mu u_R)$	$^{\mathrm{C}}$
CVRR_tauecc	$(ar{e}_R \gamma^\mu au_R) (ar{c}_R \gamma_\mu c_R)$	$^{\mathrm{C}}$
CVRR_tauedd	$(ar{e}_R \gamma^\mu au_R) (ar{d}_R \gamma_\mu d_R)$	$^{\mathrm{C}}$
CVRR_tauess	$(ar{e}_R \gamma^\mu au_R) (ar{s}_R \gamma_\mu s_R)$	$^{\mathrm{C}}$
CVLR_eetaue	$(ar{e}_L \gamma^\mu e_L) (ar{e}_R \gamma_\mu au_R)$	$^{\mathrm{C}}$
CVLR_muetaumu	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	\mathbf{C}
CVLR_taueee	$(ar{e}_L \gamma^\mu au_L) (ar{e}_R \gamma_\mu e_R)$	\mathbf{C}
CVLR_tauemumu	$(\bar{e}_L \gamma^\mu au_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	$^{\mathrm{C}}$
CVLR_tauetautau	$(ar{e}_L \gamma^\mu au_L) (ar{ au}_R \gamma_\mu au_R)$	\mathbf{C}
CVLR_mumutaue	$(ar{\mu}_L \gamma^\mu \mu_L) (ar{e}_R \gamma_\mu au_R)$	$^{\mathrm{C}}$
CVLR_taumumue	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{e}_R \gamma_\mu \mu_R)$	С
CVLR_tautautaue	$(ar au_L\gamma^\mu au_L)(ar e_R\gamma_\mu au_R)$	С
CVLR_taueuu	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{u}_R \gamma_\mu u_R)$	$^{\mathrm{C}}$
CVLR_tauecc	$(ar{e}_L \gamma^\mu au_L) (ar{c}_R \gamma_\mu c_R)$	$^{\mathrm{C}}$
CVLR_tauedd	$(ar{e}_L \gamma^\mu au_L) (ar{d}_R \gamma_\mu d_R)$	\mathbf{C}
CVLR_tauess	$(ar{e}_L \gamma^\mu au_L) (ar{s}_R \gamma_\mu s_R)$	$^{\mathrm{C}}$

WC name	Operator	Type
CVLR_uutaue	$(\bar{u}_L \gamma^\mu u_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
CVLR_cctaue	$(ar{c}_L \gamma^\mu c_L) (ar{e}_R \gamma_\mu au_R)$	$^{\mathrm{C}}$
CVLR_ddtaue	$(ar{d}_L \gamma^\mu d_L) (ar{e}_R \gamma_\mu au_R)$	$^{\mathrm{C}}$
CVLR_sstaue	$(ar s_L \gamma^\mu s_L) (ar e_R \gamma_\mu au_R)$	$^{\mathrm{C}}$
CSRL_taueuu	$(ar{e}_L au_R)(ar{u}_Ru_L)$	$^{\mathrm{C}}$
CSRL_tauecc	$(ar{e}_L au_R)(ar{c}_Rc_L)$	$^{\mathrm{C}}$
CSRL_etauuu	$(ar{ au}_L e_R)(ar{u}_R u_L)$	$^{\mathrm{C}}$
CSRL_etaucc	$(ar{ au}_L e_R)(ar{c}_R c_L)$	\mathbf{C}
CSRL_tauedd	$(ar{e}_L au_R)(ar{d}_Rd_L)$	$^{\mathrm{C}}$
CSRL_tauess	$(ar{e}_L au_R)(ar{s}_Rs_L)$	$^{\mathrm{C}}$
CSRL_etaudd	$(ar{ au}_L e_R)(ar{d}_R d_L)$	$^{\mathrm{C}}$
CSRL_etauss	$(ar{ au}_L e_R)(ar{s}_R s_L)$	$^{\mathrm{C}}$
CSRR_eetaue	$(ar{e}_L e_R)(ar{e}_L au_R)$	$^{\mathrm{C}}$
CSRR_eeetau	$(ar{e}_L e_R)(ar{ au}_L e_R)$	\mathbf{C}
CSRR_muetaumu	$(ar{e}_L\mu_R)(ar{\mu}_L au_R)$	\mathbf{C}
CSRR_tauemumu	$(ar{e}_L au_R)(ar{\mu}_L\mu_R)$	\mathbf{C}
CSRR_tauetautau	$(\bar{e}_L au_R)(\bar{ au}_L au_R)$	\mathbf{C}
CSRR_emumutau	$(ar{\mu}_L e_R)(ar{ au}_L \mu_R)$	\mathbf{C}
CSRR_mumuetau	$(ar{\mu}_L\mu_R)(ar{ au}_Le_R)$	C
CSRR_etautautau	$(ar{ au}_L e_R)(ar{ au}_L au_R)$	\mathbf{C}
CSRR_taueuu	$(\bar{e}_L au_R)(\bar{u}_L u_R)$	C
CSRR_tauecc	$(ar{e}_L au_R)(ar{c}_Lc_R)$	C
CSRR_etauuu	$(\bar{ au}_L e_R)(\bar{u}_L u_R)$	C
CSRR_etaucc	$(ar{ au}_L e_R)(ar{c}_L c_R)$	C
CTRR_taueuu	$(\bar{e}_L \sigma^{\mu\nu} \tau_R) (\bar{u}_L \sigma_{\mu\nu} u_R)$	C
CTRR_tauecc	$(\bar{e}_L \sigma^{\mu\nu} \tau_R)(\bar{c}_L \sigma_{\mu\nu} c_R)$	C
CTRR_etauuu	$(\bar{ au}_L \sigma^{\mu u} e_R) (\bar{u}_L \sigma_{\mu u} u_R)$	C
CTRR_etaucc	$(ar{ au}_L\sigma^{\mu u}e_R)(ar{c}_L\sigma_{\mu u}c_R)$	C
CSRR_tauedd	$(ar{e}_L au_R)(d_Ld_R)$	C
CSRR_tauess	$(ar{e}_L au_R)(ar{s}_Ls_R)$	C
CSRR_etaudd	$(ar{ au}_L e_R)(ar{d}_L d_R)$	C
CSRR_etauss	$(ar{ au}_L e_R)(ar{s}_L s_R)$	C
CTRR_tauedd	$(\bar{e}_L \sigma^{\mu\nu} au_R) (\bar{d}_L \sigma_{\mu\nu} d_R)$	C
CTRR_tauess	$(\bar{e}_L \sigma^{\mu\nu} au_R) (\bar{s}_L \sigma_{\mu\nu} s_R)$	C
CTRR_etaudd	$(\bar{ au}_L \sigma^{\mu u} e_R) (d_L \sigma_{\mu u} d_R)$	C
CTRR_etauss	$(\bar{\tau}_L \sigma^{\mu\nu} e_R)(\bar{s}_L \sigma_{\mu\nu} s_R)$	C

nunumue

WC name	Operator	Type
CVLL_nuenuemue	$(\bar{ u}_{eL}\gamma^{\mu} u_{eL})(\bar{e}_{L}\gamma_{\mu}\mu_{L})$	C
CVLL_numunueemu	$(ar{ u}_{eL}\gamma^{\mu} u_{\mu L})(ar{\mu}_{L}\gamma_{\mu}e_{L})$	\mathbf{C}

WC name	Operator	Type
CVLL_numunuemue	$(ar{ u}_{eL}\gamma^{\mu} u_{\mu L})(ar{e}_{L}\gamma_{\mu}\mu_{L})$	С
CVLL_numunumumue	$(ar{ u}_{\mu L} \gamma^{\mu} u_{\mu L}) (ar{e}_L \gamma_{\mu} \mu_L)$	\mathbf{C}
CVLL_nutaunueemu	$(ar{ u}_{eL}\gamma^{\mu} u_{ au L})(ar{\mu}_{L}\gamma_{\mu}e_{L})$	\mathbf{C}
CVLL_nutaunuemue	$(\bar{ u}_{eL}\gamma^{\mu} u_{ au L})(\bar{e}_{L}\gamma_{\mu}\mu_{L})$	\mathbf{C}
CVLL_nutaunumuemu	i $(ar{ u}_{\mu L} \gamma^{\mu} u_{ au L}) (ar{\mu}_L \gamma_{\mu} e_L)$	С
CVLL_nutaunumumue	e $(ar{ u}_{\mu L} \gamma^{\mu} u_{ au L}) (ar{e}_L \gamma_{\mu} \mu_L)$	С
CVLL_nutaunutaum	14 $(ar{ u}_{ au L} \gamma^{\mu} u_{ au L}) (ar{e}_L \gamma_{\mu} \mu_L)$	\mathbf{C}
CVLR_nuenuemue	$(\bar{ u}_{eL}\gamma^{\mu} u_{eL})(\bar{e}_R\gamma_{\mu}\mu_R)$	\mathbf{C}
CVLR_numunueemu	$(\bar{ u}_{eL}\gamma^{\mu} u_{\mu L})(\bar{\mu}_{R}\gamma_{\mu}e_{R})$	\mathbf{C}
CVLR_numunuemue	$(ar{ u}_{eL}\gamma^{\mu} u_{\mu L})(ar{e}_{R}\gamma_{\mu}\mu_{R})$	\mathbf{C}
CVLR_numunumumue	$(\bar{ u}_{\mu L} \gamma^{\mu} u_{\mu L})(\bar{e}_R \gamma_{\mu} \mu_R)$	\mathbf{C}
CVLR_nutaunueemu	$(\bar{\nu}_{eL}\gamma^{\mu} u_{\tau L})(\bar{\mu}_{R}\gamma_{\mu}e_{R})$	\mathbf{C}
CVLR_nutaunuemue	$(\bar{ u}_{eL}\gamma^{\mu} u_{ au L})(\bar{e}_{R}\gamma_{\mu}\mu_{R})$	\mathbf{C}
CVLR_nutaunumuemu	$\mathrm{i}\left(ar{ u}_{\mu L}\gamma^{\mu} u_{ au L} ight)(ar{\mu}_{R}\gamma_{\mu}e_{R})$	\mathbf{C}
CVLR_nutaunumumue	$=(ar{ u}_{\mu L}\gamma^{\mu} u_{ au L})(ar{e}_{R}\gamma_{\mu}\mu_{R})$	\mathbf{C}
CVLR_nutaunutaum	$1 ig(ar{ u}_{ au L} \gamma^{\mu} u_{ au L}) (ar{e}_R \gamma_{\mu} \mu_R)$	С

nunumutau

WC name	Operator	Type
CVLL_nuenuetaumu	$(\bar{\nu}_{eL}\gamma^{\mu}\nu_{eL})(\bar{\mu}_{L}\gamma_{\mu}\tau_{L})$	C
CVLL_numunuemuta	au $(ar{ u}_{eL}\gamma^{\mu} u_{\mu L})(ar{ au}_{L}\gamma_{\mu}\mu_{L})$	$^{ m C}$
CVLL_numunuetaum	nu $(ar{ u}_{eL}\gamma^{\mu} u_{\mu L})(ar{\mu}_{L}\gamma_{\mu} au_{L})$	\mathbf{C}
CVLL_numunumutau	$\min(ar{ u}_{\mu L}\gamma^{\mu} u_{\mu L})(ar{\mu}_{L}\gamma_{\mu} au_{L})$	$^{\mathrm{C}}$
CVLL_nutaunuemut	$ au(ar u_{eL}\gamma^\mu u_{ au L})(ar au_L\gamma_\mu\mu_L)$	$^{\mathrm{C}}$
CVLL_nutaunuetau	umu $(ar{ u}_{eL}\gamma^{\mu} u_{ au L})(ar{\mu}_{L}\gamma_{\mu} au_{L})$	$^{\mathrm{C}}$
CVLL_nutaunumumu	$ntaar{m{v}}_{\mu L}\gamma^{\mu} u_{ au L})(ar{ au}_{L}\gamma_{\mu}\mu_{L})$	\mathbf{C}
CVLL_nutaunumuta	$\min(ar{m{x}}_{\mu L}\gamma^{\mu} u_{ au L})(ar{\mu}_{L}\gamma_{\mu} au_{L})$	\mathbf{C}
CVLL_nutaunutaut	$ au_{ar{m{ u}}m{ u}_L\gamma^{\mu} u_{ au L})(ar{\mu}_L\gamma_{\mu} au_L)$	\mathbf{C}
CVLR_nuenuetaumu	$(\bar{\nu}_{eL}\gamma^{\mu}\nu_{eL})(\bar{\mu}_R\gamma_{\mu}\tau_R)$	\mathbf{C}
CVLR_numunuemuta	au $(ar{ u}_{eL}\gamma^{\mu} u_{\mu L})(ar{ au}_{R}\gamma_{\mu}\mu_{R})$	\mathbf{C}
CVLR_numunuetaum	nu $(ar{ u}_{eL}\gamma^{\mu} u_{\mu L})(ar{\mu}_{R}\gamma_{\mu} au_{R})$	\mathbf{C}
CVLR_numunumutau	$\min(ar{ u}_{\mu L}\gamma^{\mu} u_{\mu L})(ar{\mu}_{R}\gamma_{\mu} au_{R})$	\mathbf{C}
CVLR_nutaunuemut	$ au(ar u_{eL}\gamma^\mu u_{ au L})(ar au_R\gamma_\mu\mu_R)$	\mathbf{C}
CVLR_nutaunuetau	$\min(ar{ u}_{eL}\gamma^{\mu} u_{ au L})(ar{\mu}_{R}\gamma_{\mu} au_{R})$	\mathbf{C}
CVLR_nutaunumumu	ita $(ar{m{v}}_{\mu L}\gamma^{\mu} u_{ au L})(ar{ au}_R\gamma_{\mu}\mu_R)$	\mathbf{C}
	$\min(ar{m{v}}_{\mu L}\gamma^{\mu} u_{ au L})(ar{\mu}_{R}\gamma_{\mu} au_{R})$	\mathbf{C}
CVLR_nutaunutaut	ռու $(ar{\mu}_L \gamma^\mu u_{ au L})(ar{\mu}_R \gamma_\mu au_R)$	C

nunutaue

WC name	Operator	Type
CVLL_nuenuetaue	$(\bar{ u}_{eL}\gamma^{\mu} u_{eL})(\bar{e}_{L}\gamma_{\mu} au_{L})$	\overline{C}
CVLL_numunueetau	$(ar{ u}_{eL}\gamma^{\mu} u_{\mu L})(ar{ au}_{L}\gamma_{\mu}e_{L})$	\mathbf{C}
CVLL_numunuetaue	$(ar{ u}_{eL}\gamma^{\mu} u_{\mu L})(ar{e}_{L}\gamma_{\mu} au_{L})$	\mathbf{C}
CVLL_numunumutaue	$e\left(ar{ u}_{\mu L}\gamma^{\mu} u_{\mu L} ight)(ar{e}_{L}\gamma_{\mu} au_{L})$	\mathbf{C}
CVLL_nutaunueetau	$(ar{ u}_{eL}\gamma^{\mu} u_{ au L})(ar{ au}_{L}\gamma_{\mu}e_{L})$	\mathbf{C}
CVLL_nutaunuetaue	$e\left(ar{ u}_{eL}\gamma^{\mu} u_{ au L} ight)(ar{e}_{L}\gamma_{\mu} au_{L})$	\mathbf{C}
CVLL_nutaunumueta	$\mathrm{d}(ar{ u}_{\mu L}\gamma^{\mu} u_{ au L})(ar{ au}_{L}\gamma_{\mu}e_{L})$	\mathbf{C}
CVLL_nutaunumutau	$\det[ar{ u}_{\mu L}\gamma^{\mu} u_{ au L})(ar{e}_{L}\gamma_{\mu} au_{L})$	\mathbf{C}
CVLL_nutaunutauta	$u(ar{m{e}}_{ au L} \gamma^{\mu} u_{ au L}) (ar{e}_{L} \gamma_{\mu} au_{L})$	\mathbf{C}
CVLR_nuenuetaue	$(ar{ u}_{eL}\gamma^{\mu} u_{eL})(ar{e}_{R}\gamma_{\mu} au_{R})$	\mathbf{C}
CVLR_numunueetau	$(ar{ u}_{eL}\gamma^{\mu} u_{\mu L})(ar{ au}_{R}\gamma_{\mu}e_{R})$	\mathbf{C}
CVLR_numunuetaue	$(ar{ u}_{eL}\gamma^{\mu} u_{\mu L})(ar{e}_{R}\gamma_{\mu} au_{R})$	\mathbf{C}
CVLR_numunumutaue	$e\left(ar{ u}_{\mu L}\gamma^{\mu} u_{\mu L} ight)(ar{e}_{R}\gamma_{\mu} au_{R})$	\mathbf{C}
CVLR_nutaunueetau	$\Delta \left(ar{ u}_{eL}\gamma^{\mu} u_{ au L} ight)(ar{ au}_{R}\gamma_{\mu}e_{R})$	\mathbf{C}
CVLR_nutaunuetaue	$e\left(ar{ u}_{eL}\gamma^{\mu} u_{ au L} ight)(ar{e}_{R}\gamma_{\mu} au_{R})$	\mathbf{C}
CVLR_nutaunumueta	$\mathrm{d}(ar{ u}_{\mu L}\gamma^{\mu} u_{ au L})(ar{ au}_{R}\gamma_{\mu}e_{R})$	\mathbf{C}
CVLR_nutaunumutau	$\det[ar{ u}_{\mu L}\gamma^{\mu} u_{ au L})(ar{e}_{R}\gamma_{\mu} au_{R})$	\mathbf{C}
CVLR_nutaunutauta	$\exp(\bar{\boldsymbol{e}}_{\tau L} \gamma^{\mu} \nu_{\tau L}) (\bar{e}_R \gamma_{\mu} \tau_R)$	C