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`	$(\bar{d}_L \gamma^\mu s_L)(\bar{d}_L \gamma_\mu s_L)$	C
`CVRR_sdsd`	$(\bar{d}_R \gamma^\mu s_R)(\bar{d}_R \gamma_\mu s_R)$	C
`CSLL_sdsd`	$(\bar{d}_R s_L)(\bar{d}_R s_L)$	C
`CSRR_sdsd`	$(\bar{d}_L s_R)(\bar{d}_L s_R)$	C
`CTLL_sdsd`	$(\bar{d}_R \sigma^{\mu\nu} s_L)(\bar{d}_R \sigma_{\mu\nu} s_L)$	C
`CTRR_sdsd`	$(\bar{d}_L \sigma^{\mu\nu} s_R)(\bar{d}_L \sigma_{\mu\nu} s_R)$	C
`CVLR_sdsd`	$(\bar{d}_L \gamma^\mu s_L)(\bar{d}_R \gamma_\mu s_R)$	C
`CSLR_sdsd`	$(\bar{d}_R s_L)(\bar{d}_L s_R)$	C

`cucu`

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

`sd`

WC name	Operator	Type
`C9_sdee`	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu s_L)(\bar{e} \gamma_\mu e)$	C
`C9p_sdee`	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu s_R)(\bar{e} \gamma_\mu e)$	C
`C10_sdee`	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu s_L)(\bar{e} \gamma_\mu \gamma_5 e)$	C

WC name	Operator	Type
C10p_sdee	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu s_R)(\bar{e}\gamma_\mu\gamma_5 e)$	C
CS_sdee	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2} m_s(\bar{d}_L s_R)(\bar{e}e)$	C
CSp_sdee	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2} m_s(\bar{d}_R s_L)(\bar{e}e)$	C
CP_sdee	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2} m_s(\bar{d}_L s_R)(\bar{e}\gamma_5 e)$	C
CPp_sdee	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2} m_s(\bar{d}_R s_L)(\bar{e}\gamma_5 e)$	C
C9_sdmumu	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu s_L)(\bar{\mu}\gamma_\mu\mu)$	C
C9p_sdmumu	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu s_R)(\bar{\mu}\gamma_\mu\mu)$	C
C10_sdmumu	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu s_L)(\bar{\mu}\gamma_\mu\gamma_5\mu)$	C
C10p_sdmumu	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu s_R)(\bar{\mu}\gamma_\mu\gamma_5\mu)$	C
CS_sdmumu	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2} m_s(\bar{d}_L s_R)(\bar{\mu}\mu)$	C
CSp_sdmumu	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2} m_s(\bar{d}_R s_L)(\bar{\mu}\mu)$	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	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2} m_s(\bar{d}_R s_L)(\bar{\mu}\gamma_5\mu)$	C
C9_sdtautau	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu s_L)(\bar{\tau}\gamma_\mu\tau)$	C
C9p_sdtautau	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu s_R)(\bar{\tau}\gamma_\mu\tau)$	C
C10_sdtautau	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu s_L)(\bar{\tau}\gamma_\mu\gamma_5\tau)$	C
C10p_sdtautau	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu s_R)(\bar{\tau}\gamma_\mu\gamma_5\tau)$	C
CS_sdtautau	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2} m_s(\bar{d}_L s_R)(\bar{\tau}\tau)$	C
CSp_sdtautau	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2} m_s(\bar{d}_R s_L)(\bar{\tau}\tau)$	C
CP_sdtautau	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2} m_s(\bar{d}_L s_R)(\bar{\tau}\gamma_5\tau)$	C
CPp_sdtautau	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e^2}{16\pi^2} m_s(\bar{d}_R s_L)(\bar{\tau}\gamma_5\tau)$	C
C7_sd	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e}{16\pi^2} m_s(\bar{d}_L\sigma^{\mu\nu} s_R)F_{\mu\nu}$	C
C7p_sd	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{e}{16\pi^2} m_s(\bar{d}_R\sigma^{\mu\nu} s_L)F_{\mu\nu}$	C
C8_sd	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{g_s}{16\pi^2} m_s(\bar{d}_L\sigma^{\mu\nu} T^a s_R)G^a_{\mu\nu}$	C
C8p_sd	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^* \frac{g_s}{16\pi^2} m_s(\bar{d}_R\sigma^{\mu\nu} T^a s_L)G^a_{\mu\nu}$	C
CVLL_sdss	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^*(\bar{d}_L\gamma^\mu s_L)(\bar{s}_L\gamma_\mu s_L)$	C
CVLR_sdss	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^*(\bar{d}_L\gamma^\mu s_L)(\bar{s}_R\gamma_\mu s_R)$	C
CVRL_sdss	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^*(\bar{d}_R\gamma^\mu s_R)(\bar{s}_L\gamma_\mu s_L)$	C
CVRR_sdss	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^*(\bar{d}_R\gamma^\mu s_R)(\bar{s}_R\gamma_\mu s_R)$	C
CSLL_sdss	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^*(\bar{d}_R s_L)(\bar{s}_R s_L)$	C
CSLR_sdss	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^*(\bar{d}_R s_L)(\bar{s}_L s_R)$	C
CSRL_sdss	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^*(\bar{d}_L s_R)(\bar{s}_R s_L)$	C
CSRR_sdss	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^*(\bar{d}_L s_R)(\bar{s}_L s_R)$	C
CTLL_sdss	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^*(\bar{d}_R\sigma^{\mu\nu} s_L)(\bar{s}_R\sigma_{\mu\nu} s_L)$	C
CTRR_sdss	$\frac{4G_F}{\sqrt{2}} V_{ts}V_{td}^*(\bar{d}_L\sigma^{\mu\nu} s_R)(\bar{s}_L\sigma_{\mu\nu} s_R)$	C

WC name	Operator	Type
CVLL_sddd	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L \gamma^\mu s_L)(\bar{d}_L \gamma_\mu d_L)$	C
CVLR_sddd	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L \gamma^\mu s_L)(\bar{d}_R \gamma_\mu d_R)$	C
CVRL_sddd	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \gamma^\mu s_R)(\bar{d}_L \gamma_\mu d_L)$	C
CVRR_sddd	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \gamma^\mu s_R)(\bar{d}_R \gamma_\mu d_R)$	C
CSLL_sddd	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R s_L)(\bar{d}_R d_L)$	C
CSLR_sddd	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R s_L)(\bar{d}_L d_R)$	C
CSRL_sddd	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L s_R)(\bar{d}_R d_L)$	C
CSRR_sddd	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L s_R)(\bar{d}_L d_R)$	C
CTLL_sddd	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \sigma^{\mu\nu} s_L)(\bar{d}_R \sigma_{\mu\nu} d_L)$	C
CTRR_sddd	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L \sigma^{\mu\nu} s_R)(\bar{d}_L \sigma_{\mu\nu} d_R)$	C
CVLL_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L \gamma^\mu s_L)(\bar{u}_L \gamma_\mu u_L)$	C
CVLR_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L \gamma^\mu s_L)(\bar{u}_R \gamma_\mu u_R)$	C
CVRL_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \gamma^\mu s_R)(\bar{u}_L \gamma_\mu u_L)$	C
CVRR_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \gamma^\mu s_R)(\bar{u}_R \gamma_\mu u_R)$	C
CSLL_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R s_L)(\bar{u}_R u_L)$	C
CSLR_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R s_L)(\bar{u}_L u_R)$	C
CSRL_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L s_R)(\bar{u}_R u_L)$	C
CSRR_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L s_R)(\bar{u}_L u_R)$	C
CTLL_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \sigma^{\mu\nu} s_L)(\bar{u}_R \sigma_{\mu\nu} u_L)$	C
CTRR_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L \sigma^{\mu\nu} s_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	C
CVLLt_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L^\alpha \gamma^\mu s_L^\beta)(\bar{u}_L^\beta \gamma_\mu u_L^\alpha)$	C
CVLRt_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L^\alpha \gamma^\mu s_L^\beta)(\bar{u}_R^\beta \gamma_\mu u_R^\alpha)$	C
CVRLt_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R^\alpha \gamma^\mu s_R^\beta)(\bar{u}_L^\beta \gamma_\mu u_L^\alpha)$	C
CVRRt_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R^\alpha \gamma^\mu s_R^\beta)(\bar{u}_R^\beta \gamma_\mu u_R^\alpha)$	C
CSLLt_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R^\alpha s_L^\beta)(\bar{u}_R^\beta u_L^\alpha)$	C
CSLRt_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R^\alpha s_L^\beta)(\bar{u}_L^\beta u_R^\alpha)$	C
CSRLt_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L^\alpha s_R^\beta)(\bar{u}_R^\beta u_L^\alpha)$	C
CSRRt_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L^\alpha s_R^\beta)(\bar{u}_L^\beta u_R^\alpha)$	C
CTLLt_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R^\alpha \sigma^{\mu\nu} s_L^\beta)(\bar{u}_R^\beta \sigma_{\mu\nu} u_L^\alpha)$	C
CTRRt_sduu	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L^\alpha \sigma^{\mu\nu} s_R^\beta)(\bar{u}_L^\beta \sigma_{\mu\nu} u_R^\alpha)$	C
CVLL_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L \gamma^\mu s_L)(\bar{c}_L \gamma_\mu c_L)$	C
CVLR_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L \gamma^\mu s_L)(\bar{c}_R \gamma_\mu c_R)$	C
CVRL_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \gamma^\mu s_R)(\bar{c}_L \gamma_\mu c_L)$	C
CVRR_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \gamma^\mu s_R)(\bar{c}_R \gamma_\mu c_R)$	C
CSLL_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R s_L)(\bar{c}_R c_L)$	C
CSLR_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R s_L)(\bar{c}_L c_R)$	C

WC name	Operator	Type
CSRL_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L s_R)(\bar{c}_R c_L)$	C
CSRR_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L s_R)(\bar{c}_L c_R)$	C
CTLL_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R \sigma^{\mu\nu} s_L)(\bar{c}_R \sigma_{\mu\nu} c_L)$	C
CTRR_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L \sigma^{\mu\nu} s_R)(\bar{c}_L \sigma_{\mu\nu} c_R)$	C
CVLLt_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L^\alpha \gamma^\mu s_L^\beta)(\bar{c}_L^\beta \gamma_\mu c_L^\alpha)$	C
CVLRt_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L^\alpha \gamma^\mu s_L^\beta)(\bar{c}_R^\beta \gamma_\mu c_R^\alpha)$	C
CVRLt_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R^\alpha \gamma^\mu s_R^\beta)(\bar{c}_L^\beta \gamma_\mu c_L^\alpha)$	C
CVRRt_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R^\alpha \gamma^\mu s_R^\beta)(\bar{c}_R^\beta \gamma_\mu c_R^\alpha)$	C
CSLLt_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R^\alpha s_L^\beta)(\bar{c}_R^\beta c_L^\alpha)$	C
CSLRt_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R^\alpha s_L^\beta)(\bar{c}_L^\beta c_R^\alpha)$	C
CSRLt_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L^\alpha s_R^\beta)(\bar{c}_R^\beta c_L^\alpha)$	C
CSRRt_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L^\alpha s_R^\beta)(\bar{c}_L^\beta c_R^\alpha)$	C
CTLLt_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_R^\alpha \sigma^{\mu\nu} s_L^\beta)(\bar{c}_R^\beta \sigma_{\mu\nu} c_L^\alpha)$	C
CTRRt_sdcc	$\frac{4G_F}{\sqrt{2}} V_{ts} V_{td}^* (\bar{d}_L^\alpha \sigma^{\mu\nu} s_R^\beta)(\bar{c}_L^\beta \sigma_{\mu\nu} c_R^\alpha)$	C

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
CL_sdnumunumu	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu d_L)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5) \nu_\mu)$	C
CL_sdnutaunutau	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu d_L)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5) \nu_\tau)$	C
CL_sdnuenumu	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu d_L)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5) \nu_e)$	C
CL_sdnumunue	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu d_L)(\bar{\nu}_e \gamma_\mu (1-\gamma_5) \nu_\mu)$	C
CL_sdnumunutau	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu d_L)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5) \nu_\mu)$	C
CL_sdnutaunumu	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu d_L)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5) \nu_\tau)$	C
CL_sdnuenutau	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu d_L)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5) \nu_e)$	C
CL_sdnutaunue	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu d_L)(\bar{\nu}_e \gamma_\mu (1-\gamma_5) \nu_\tau)$	C
CR_sdnuenue	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu d_R)(\bar{\nu}_e \gamma_\mu (1-\gamma_5) \nu_e)$	C
CR_sdnumunumu	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu d_R)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5) \nu_\mu)$	C
CR_sdnutaunutau	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu d_R)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5) \nu_\tau)$	C
CR_sdnuenumu	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu d_R)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5) \nu_e)$	C
CR_sdnumunue	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu d_R)(\bar{\nu}_e \gamma_\mu (1-\gamma_5) \nu_\mu)$	C
CR_sdnumunutau	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu d_R)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5) \nu_\mu)$	C
CR_sdnutaunumu	$\frac{4G_F}{\sqrt{2}} V_{td} V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu d_R)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5) \nu_\tau)$	C

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

usenu

WC name	Operator	Type
CVL_suenue	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_L \gamma^\mu s_L)(\bar{e}_L \gamma_\mu \nu_{eL})$	C
CVR_suenue	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_R \gamma^\mu s_R)(\bar{e}_L \gamma_\mu \nu_{eL})$	C
CSR_suenue	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_L s_R)(\bar{e}_R \nu_{eL})$	C
CSL_suenue	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_R s_L)(\bar{e}_R \nu_{eL})$	C
CT_suenue	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_R \sigma^{\mu\nu} s_L)(\bar{e}_R \sigma_{\mu\nu} \nu_{eL})$	C
CVL_suenumu	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_L \gamma^\mu s_L)(\bar{e}_L \gamma_\mu \nu_{\mu L})$	C
CVR_suenumu	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_R \gamma^\mu s_R)(\bar{e}_L \gamma_\mu \nu_{\mu L})$	C
CSR_suenumu	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_L s_R)(\bar{e}_R \nu_{\mu L})$	C
CSL_suenumu	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_R s_L)(\bar{e}_R \nu_{\mu L})$	C
CT_suenumu	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_R \sigma^{\mu\nu} s_L)(\bar{e}_R \sigma_{\mu\nu} \nu_{\mu L})$	C
CVL_suenutau	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_L \gamma^\mu s_L)(\bar{e}_L \gamma_\mu \nu_{\tau L})$	C
CVR_suenutau	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_R \gamma^\mu s_R)(\bar{e}_L \gamma_\mu \nu_{\tau L})$	C
CSR_suenutau	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_L s_R)(\bar{e}_R \nu_{\tau L})$	C
CSL_suenutau	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_R s_L)(\bar{e}_R \nu_{\tau L})$	C
CT_suenutau	$-\frac{4G_F}{\sqrt{2}} V_{us} (\bar{u}_R \sigma^{\mu\nu} s_L)(\bar{e}_R \sigma_{\mu\nu} \nu_{\tau L})$	C

csenu

WC name	Operator	Type
CVL_scenue	$-\frac{4G_F}{\sqrt{2}} V_{cs} (\bar{c}_L \gamma^\mu s_L)(\bar{e}_L \gamma_\mu \nu_{eL})$	C
CVR_scenue	$-\frac{4G_F}{\sqrt{2}} V_{cs} (\bar{c}_R \gamma^\mu s_R)(\bar{e}_L \gamma_\mu \nu_{eL})$	C
CSR_scenue	$-\frac{4G_F}{\sqrt{2}} V_{cs} (\bar{c}_L s_R)(\bar{e}_R \nu_{eL})$	C
CSL_scenue	$-\frac{4G_F}{\sqrt{2}} V_{cs} (\bar{c}_R s_L)(\bar{e}_R \nu_{eL})$	C
CT_scenue	$-\frac{4G_F}{\sqrt{2}} V_{cs} (\bar{c}_R \sigma^{\mu\nu} s_L)(\bar{e}_R \sigma_{\mu\nu} \nu_{eL})$	C
CVL_scenumu	$-\frac{4G_F}{\sqrt{2}} V_{cs} (\bar{c}_L \gamma^\mu s_L)(\bar{e}_L \gamma_\mu \nu_{\mu L})$	C
CVR_scenumu	$-\frac{4G_F}{\sqrt{2}} V_{cs} (\bar{c}_R \gamma^\mu s_R)(\bar{e}_L \gamma_\mu \nu_{\mu L})$	C
CSR_scenumu	$-\frac{4G_F}{\sqrt{2}} V_{cs} (\bar{c}_L s_R)(\bar{e}_R \nu_{\mu L})$	C
CSL_scenumu	$-\frac{4G_F}{\sqrt{2}} V_{cs} (\bar{c}_R s_L)(\bar{e}_R \nu_{\mu L})$	C
CT_scenumu	$-\frac{4G_F}{\sqrt{2}} V_{cs} (\bar{c}_R \sigma^{\mu\nu} s_L)(\bar{e}_R \sigma_{\mu\nu} \nu_{\mu L})$	C

WC name	Operator	Type
`CVL_scenutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L\gamma^\mu s_L)(\bar{e}_L\gamma_\mu\nu_{\tau L})$	C
`CVR_scenutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\gamma^\mu s_R)(\bar{e}_L\gamma_\mu\nu_{\tau L})$	C
`CSR_scenutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L s_R)(\bar{e}_R\nu_{\tau L})$	C
`CSL_scenutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R s_L)(\bar{e}_R\nu_{\tau L})$	C
`CT_scenutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\sigma^{\mu\nu} s_L)(\bar{e}_R\sigma_{\mu\nu}\nu_{\tau L})$	C

`cdenu`

WC name	Operator	Type
`CVL_dcenue`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^\mu d_L)(\bar{e}_L\gamma_\mu\nu_{eL})$	C
`CVR_dcenue`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^\mu d_R)(\bar{e}_L\gamma_\mu\nu_{eL})$	C
`CSR_dcenue`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L d_R)(\bar{e}_R\nu_{eL})$	C
`CSL_dcenue`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R d_L)(\bar{e}_R\nu_{eL})$	C
`CT_dcenue`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu} d_L)(\bar{e}_R\sigma_{\mu\nu}\nu_{eL})$	C
`CVL_dcenumu`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^\mu d_L)(\bar{e}_L\gamma_\mu\nu_{\mu L})$	C
`CVR_dcenumu`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^\mu d_R)(\bar{e}_L\gamma_\mu\nu_{\mu L})$	C
`CSR_dcenumu`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L d_R)(\bar{e}_R\nu_{\mu L})$	C
`CSL_dcenumu`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R d_L)(\bar{e}_R\nu_{\mu L})$	C
`CT_dcenumu`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu} d_L)(\bar{e}_R\sigma_{\mu\nu}\nu_{\mu L})$	C
`CVL_dcenutau`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^\mu d_L)(\bar{e}_L\gamma_\mu\nu_{\tau L})$	C
`CVR_dcenutau`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^\mu d_R)(\bar{e}_L\gamma_\mu\nu_{\tau L})$	C
`CSR_dcenutau`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L d_R)(\bar{e}_R\nu_{\tau L})$	C
`CSL_dcenutau`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R d_L)(\bar{e}_R\nu_{\tau L})$	C
`CT_dcenutau`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu} d_L)(\bar{e}_R\sigma_{\mu\nu}\nu_{\tau L})$	C

`usmunu`

WC name	Operator	Type
`CVL_sumunue`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L\gamma^\mu s_L)(\bar{\mu}_L\gamma_\mu\nu_{eL})$	C
`CVR_sumunue`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\gamma^\mu s_R)(\bar{\mu}_L\gamma_\mu\nu_{eL})$	C
`CSR_sumunue`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L s_R)(\bar{\mu}_R\nu_{eL})$	C
`CSL_sumunue`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R s_L)(\bar{\mu}_R\nu_{eL})$	C
`CT_sumunue`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\sigma^{\mu\nu} s_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{eL})$	C
`CVL_sumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L\gamma^\mu s_L)(\bar{\mu}_L\gamma_\mu\nu_{\mu L})$	C
`CVR_sumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\gamma^\mu s_R)(\bar{\mu}_L\gamma_\mu\nu_{\mu L})$	C

WC name	Operator	Type
`CSR_sumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L s_R)(\bar{\mu}_R \nu_{\mu L})$	C
`CSL_sumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R s_L)(\bar{\mu}_R \nu_{\mu L})$	C
`CT_sumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R \sigma^{\mu\nu} s_L)(\bar{\mu}_R \sigma_{\mu\nu} \nu_{\mu L})$	C
`CVL_sumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L \gamma^{\mu} s_L)(\bar{\mu}_L \gamma_{\mu} \nu_{\tau L})$	C
`CVR_sumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R \gamma^{\mu} s_R)(\bar{\mu}_L \gamma_{\mu} \nu_{\tau L})$	C
`CSR_sumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L s_R)(\bar{\mu}_R \nu_{\tau L})$	C
`CSL_sumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R s_L)(\bar{\mu}_R \nu_{\tau L})$	C
`CT_sumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R \sigma^{\mu\nu} s_L)(\bar{\mu}_R \sigma_{\mu\nu} \nu_{\tau L})$	C

`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`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R \gamma^{\mu} s_R)(\bar{\mu}_L \gamma_{\mu} \nu_{eL})$	C
`CSR_scmunue`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L s_R)(\bar{\mu}_R \nu_{eL})$	C
`CSL_scmunue`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R s_L)(\bar{\mu}_R \nu_{eL})$	C
`CT_scmunue`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R \sigma^{\mu\nu} s_L)(\bar{\mu}_R \sigma_{\mu\nu} \nu_{eL})$	C
`CVL_scmunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L \gamma^{\mu} s_L)(\bar{\mu}_L \gamma_{\mu} \nu_{\mu L})$	C
`CVR_scmunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R \gamma^{\mu} s_R)(\bar{\mu}_L \gamma_{\mu} \nu_{\mu L})$	C
`CSR_scmunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L s_R)(\bar{\mu}_R \nu_{\mu L})$	C
`CSL_scmunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R s_L)(\bar{\mu}_R \nu_{\mu L})$	C
`CT_scmunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R \sigma^{\mu\nu} s_L)(\bar{\mu}_R \sigma_{\mu\nu} \nu_{\mu L})$	C
`CVL_scmunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L \gamma^{\mu} s_L)(\bar{\mu}_L \gamma_{\mu} \nu_{\tau L})$	C
`CVR_scmunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R \gamma^{\mu} s_R)(\bar{\mu}_L \gamma_{\mu} \nu_{\tau L})$	C
`CSR_scmunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L s_R)(\bar{\mu}_R \nu_{\tau L})$	C
`CSL_scmunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R s_L)(\bar{\mu}_R \nu_{\tau L})$	C
`CT_scmunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R \sigma^{\mu\nu} s_L)(\bar{\mu}_R \sigma_{\mu\nu} \nu_{\tau L})$	C

`cdmunu`

WC name	Operator	Type
`CVL_dcmunue`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L \gamma^{\mu} d_L)(\bar{\mu}_L \gamma_{\mu} \nu_{eL})$	C
`CVR_dcmunue`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R \gamma^{\mu} d_R)(\bar{\mu}_L \gamma_{\mu} \nu_{eL})$	C
`CSR_dcmunue`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L d_R)(\bar{\mu}_R \nu_{eL})$	C
`CSL_dcmunue`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R d_L)(\bar{\mu}_R \nu_{eL})$	C

WC name	Operator	Type
CT_dcmunue	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu}d_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{eL})$	C
CVL_dcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^{\mu}d_L)(\bar{\mu}_L\gamma_{\mu}\nu_{\mu L})$	C
CVR_dcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^{\mu}d_R)(\bar{\mu}_L\gamma_{\mu}\nu_{\mu L})$	C
CSR_dcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L d_R)(\bar{\mu}_R\nu_{\mu L})$	C
CSL_dcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R d_L)(\bar{\mu}_R\nu_{\mu L})$	C
CT_dcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu}d_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{\mu L})$	C
CVL_dcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^{\mu}d_L)(\bar{\mu}_L\gamma_{\mu}\nu_{\tau L})$	C
CVR_dcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^{\mu}d_R)(\bar{\mu}_L\gamma_{\mu}\nu_{\tau L})$	C
CSR_dcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L d_R)(\bar{\mu}_R\nu_{\tau L})$	C
CSL_dcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R d_L)(\bar{\mu}_R\nu_{\tau L})$	C
CT_dcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu}d_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{\tau L})$	C

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	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\gamma^{\mu}s_R)(\bar{\tau}_L\gamma_{\mu}\nu_{eL})$	C
CSR_sutaunue	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L s_R)(\bar{\tau}_R\nu_{eL})$	C
CSL_sutaunue	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R s_L)(\bar{\tau}_R\nu_{eL})$	C
CT_sutaunue	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\sigma^{\mu\nu}s_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{eL})$	C
CVL_sutaunumu	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L\gamma^{\mu}s_L)(\bar{\tau}_L\gamma_{\mu}\nu_{\mu L})$	C
CVR_sutaunumu	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\gamma^{\mu}s_R)(\bar{\tau}_L\gamma_{\mu}\nu_{\mu L})$	C
CSR_sutaunumu	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L s_R)(\bar{\tau}_R\nu_{\mu L})$	C
CSL_sutaunumu	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R s_L)(\bar{\tau}_R\nu_{\mu L})$	C
CT_sutaunumu	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\sigma^{\mu\nu}s_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\mu L})$	C
CVL_sutaunutau	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L\gamma^{\mu}s_L)(\bar{\tau}_L\gamma_{\mu}\nu_{\tau L})$	C
CVR_sutaunutau	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\gamma^{\mu}s_R)(\bar{\tau}_L\gamma_{\mu}\nu_{\tau L})$	C
CSR_sutaunutau	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_L s_R)(\bar{\tau}_R\nu_{\tau L})$	C
CSL_sutaunutau	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R s_L)(\bar{\tau}_R\nu_{\tau L})$	C
CT_sutaunutau	$-\frac{4G_F}{\sqrt{2}}V_{us}(\bar{u}_R\sigma^{\mu\nu}s_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\tau L})$	C

cstaunu

WC name	Operator	Type
CVL_sctaunue	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L\gamma^{\mu}s_L)(\bar{\tau}_L\gamma_{\mu}\nu_{eL})$	C

WC name	Operator	Type
`CVR_sctaunue`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\gamma^\mu s_R)(\bar{\tau}_L\gamma_\mu\nu_{eL})$	C
`CSR_sctaunue`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L s_R)(\bar{\tau}_R\nu_{eL})$	C
`CSL_sctaunue`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R s_L)(\bar{\tau}_R\nu_{eL})$	C
`CT_sctaunue`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\sigma^{\mu\nu} s_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{eL})$	C
`CVL_sctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L\gamma^\mu s_L)(\bar{\tau}_L\gamma_\mu\nu_{\mu L})$	C
`CVR_sctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\gamma^\mu s_R)(\bar{\tau}_L\gamma_\mu\nu_{\mu L})$	C
`CSR_sctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L s_R)(\bar{\tau}_R\nu_{\mu L})$	C
`CSL_sctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R s_L)(\bar{\tau}_R\nu_{\mu L})$	C
`CT_sctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\sigma^{\mu\nu} s_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\mu L})$	C
`CVL_sctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L\gamma^\mu s_L)(\bar{\tau}_L\gamma_\mu\nu_{\tau L})$	C
`CVR_sctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\gamma^\mu s_R)(\bar{\tau}_L\gamma_\mu\nu_{\tau L})$	C
`CSR_sctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_L s_R)(\bar{\tau}_R\nu_{\tau L})$	C
`CSL_sctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R s_L)(\bar{\tau}_R\nu_{\tau L})$	C
`CT_sctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cs}(\bar{c}_R\sigma^{\mu\nu} s_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\tau L})$	C

`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`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^\mu d_R)(\bar{\tau}_L\gamma_\mu\nu_{eL})$	C
`CSR_dctaunue`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L d_R)(\bar{\tau}_R\nu_{eL})$	C
`CSL_dctaunue`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R d_L)(\bar{\tau}_R\nu_{eL})$	C
`CT_dctaunue`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu} d_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{eL})$	C
`CVL_dctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^\mu d_L)(\bar{\tau}_L\gamma_\mu\nu_{\mu L})$	C
`CVR_dctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^\mu d_R)(\bar{\tau}_L\gamma_\mu\nu_{\mu L})$	C
`CSR_dctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L d_R)(\bar{\tau}_R\nu_{\mu L})$	C
`CSL_dctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R d_L)(\bar{\tau}_R\nu_{\mu L})$	C
`CT_dctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu} d_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\mu L})$	C
`CVL_dctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L\gamma^\mu d_L)(\bar{\tau}_L\gamma_\mu\nu_{\tau L})$	C
`CVR_dctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\gamma^\mu d_R)(\bar{\tau}_L\gamma_\mu\nu_{\tau L})$	C
`CSR_dctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_L d_R)(\bar{\tau}_R\nu_{\tau L})$	C
`CSL_dctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R d_L)(\bar{\tau}_R\nu_{\tau L})$	C
`CT_dctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cd}(\bar{c}_R\sigma^{\mu\nu} d_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\tau L})$	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`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{e}_L\gamma_\mu\nu_{eL})$	C
`CSR_duenue`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L d_R)(\bar{e}_R\nu_{eL})$	C
`CSL_duenue`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R d_L)(\bar{e}_R\nu_{eL})$	C
`CT_duenue`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\sigma^{\mu\nu} d_L)(\bar{e}_R\sigma_{\mu\nu}\nu_{eL})$	C
`CVL_duenumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L\gamma^\mu d_L)(\bar{e}_L\gamma_\mu\nu_{\mu L})$	C
`CVR_duenumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{e}_L\gamma_\mu\nu_{\mu L})$	C
`CSR_duenumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L d_R)(\bar{e}_R\nu_{\mu L})$	C
`CSL_duenumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R d_L)(\bar{e}_R\nu_{\mu L})$	C
`CT_duenumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\sigma^{\mu\nu} d_L)(\bar{e}_R\sigma_{\mu\nu}\nu_{\mu L})$	C
`CVL_duenutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L\gamma^\mu d_L)(\bar{e}_L\gamma_\mu\nu_{\tau L})$	C
`CVR_duenutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{e}_L\gamma_\mu\nu_{\tau L})$	C
`CSR_duenutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L d_R)(\bar{e}_R\nu_{\tau L})$	C
`CSL_duenutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R d_L)(\bar{e}_R\nu_{\tau L})$	C
`CT_duenutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\sigma^{\mu\nu} d_L)(\bar{e}_R\sigma_{\mu\nu}\nu_{\tau L})$	C

`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`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{\mu}_L\gamma_\mu\nu_{eL})$	C
`CSR_dumunue`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L d_R)(\bar{\mu}_R\nu_{eL})$	C
`CSL_dumunue`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R d_L)(\bar{\mu}_R\nu_{eL})$	C
`CT_dumunue`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\sigma^{\mu\nu} d_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{eL})$	C
`CVL_dumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L\gamma^\mu d_L)(\bar{\mu}_L\gamma_\mu\nu_{\mu L})$	C
`CVR_dumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{\mu}_L\gamma_\mu\nu_{\mu L})$	C
`CSR_dumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L d_R)(\bar{\mu}_R\nu_{\mu L})$	C
`CSL_dumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R d_L)(\bar{\mu}_R\nu_{\mu L})$	C
`CT_dumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\sigma^{\mu\nu} d_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{\mu L})$	C
`CVL_dumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L\gamma^\mu d_L)(\bar{\mu}_L\gamma_\mu\nu_{\tau L})$	C
`CVR_dumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{\mu}_L\gamma_\mu\nu_{\tau L})$	C
`CSR_dumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L d_R)(\bar{\mu}_R\nu_{\tau L})$	C
`CSL_dumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R d_L)(\bar{\mu}_R\nu_{\tau L})$	C
`CT_dumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\sigma^{\mu\nu} d_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{\tau L})$	C

`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`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{\tau}_L\gamma_\mu\nu_{eL})$	C
`CSR_dutaunue`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L d_R)(\bar{\tau}_R\nu_{eL})$	C
`CSL_dutaunue`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R d_L)(\bar{\tau}_R\nu_{eL})$	C
`CT_dutaunue`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\sigma^{\mu\nu} d_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{eL})$	C
`CVL_dutaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L\gamma^\mu d_L)(\bar{\tau}_L\gamma_\mu\nu_{\mu L})$	C
`CVR_dutaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{\tau}_L\gamma_\mu\nu_{\mu L})$	C
`CSR_dutaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L d_R)(\bar{\tau}_R\nu_{\mu L})$	C
`CSL_dutaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R d_L)(\bar{\tau}_R\nu_{\mu L})$	C
`CT_dutaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\sigma^{\mu\nu} d_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\mu L})$	C
`CVL_dutaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L\gamma^\mu d_L)(\bar{\tau}_L\gamma_\mu\nu_{\tau L})$	C
`CVR_dutaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\gamma^\mu d_R)(\bar{\tau}_L\gamma_\mu\nu_{\tau L})$	C
`CSR_dutaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_L d_R)(\bar{\tau}_R\nu_{\tau L})$	C
`CSL_dutaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R d_L)(\bar{\tau}_R\nu_{\tau L})$	C
`CT_dutaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ud}(\bar{u}_R\sigma^{\mu\nu} d_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\tau L})$	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`	$\frac{4G_F}{\sqrt{2}}f^{ABC}\widetilde{G}^{A\nu}_\mu G^{B\rho}_\nu G^{C\mu}_\rho$	R
`C7_uu`	$\frac{4G_F}{\sqrt{2}}\frac{e}{16\pi^2}m_u\bar{u}_L\sigma^{\mu\nu}u_R\,F_{\mu\nu}$	C
`C7_cc`	$\frac{4G_F}{\sqrt{2}}\frac{e}{16\pi^2}m_c\bar{c}_L\sigma^{\mu\nu}c_R\,F_{\mu\nu}$	C
`C7_dd`	$\frac{4G_F}{\sqrt{2}}\frac{e}{16\pi^2}m_d\bar{d}_L\sigma^{\mu\nu}d_R\,F_{\mu\nu}$	C
`C7_ss`	$\frac{4G_F}{\sqrt{2}}\frac{e}{16\pi^2}m_s\bar{s}_L\sigma^{\mu\nu}s_R\,F_{\mu\nu}$	C
`C8_uu`	$\frac{4G_F}{\sqrt{2}}\frac{g_s}{16\pi^2}m_u\bar{u}_L\sigma^{\mu\nu}T^Au_R\,G^A_{\mu\nu}$	C
`C8_cc`	$\frac{4G_F}{\sqrt{2}}\frac{g_s}{16\pi^2}m_c\bar{c}_L\sigma^{\mu\nu}T^Ac_R\,G^A_{\mu\nu}$	C
`C8_dd`	$\frac{4G_F}{\sqrt{2}}\frac{g_s}{16\pi^2}m_d\bar{d}_L\sigma^{\mu\nu}T^Ad_R\,G^A_{\mu\nu}$	C
`C8_ss`	$\frac{4G_F}{\sqrt{2}}\frac{g_s}{16\pi^2}m_s\bar{s}_L\sigma^{\mu\nu}T^As_R\,G^A_{\mu\nu}$	C
`CTRR_eeuu`	$\frac{4G_F}{\sqrt{2}}(\bar{e}_L\sigma^{\mu\nu}e_R)(\bar{u}_L\sigma_{\mu\nu}u_R)$	C
`CTRR_mumuuu`	$\frac{4G_F}{\sqrt{2}}(\bar{\mu}_L\sigma^{\mu\nu}\mu_R)(\bar{u}_L\sigma_{\mu\nu}u_R)$	C
`CTRR_tautauuu`	$\frac{4G_F}{\sqrt{2}}(\bar{\tau}_L\sigma^{\mu\nu}\tau_R)(\bar{u}_L\sigma_{\mu\nu}u_R)$	C
`CTRR_eedd`	$\frac{4G_F}{\sqrt{2}}(\bar{e}_L\sigma^{\mu\nu}e_R)(\bar{d}_L\sigma_{\mu\nu}d_R)$	C
`CTRR_eess`	$\frac{4G_F}{\sqrt{2}}(\bar{e}_L\sigma^{\mu\nu}e_R)(\bar{s}_L\sigma_{\mu\nu}s_R)$	C

WC name	Operator	Type
CTRR_eebb	$\frac{4G_F}{\sqrt{2}}(\bar{e}_L\sigma^{\mu\nu}e_R)(\bar{b}_L\sigma_{\mu\nu}b_R)$	C
CTRR_mumudd	$\frac{4G_F}{\sqrt{2}}(\bar{\mu}_L\sigma^{\mu\nu}\mu_R)(\bar{d}_L\sigma_{\mu\nu}d_R)$	C
CTRR_mumuss	$\frac{4G_F}{\sqrt{2}}(\bar{\mu}_L\sigma^{\mu\nu}\mu_R)(\bar{s}_L\sigma_{\mu\nu}s_R)$	C
CTRR_mumubb	$\frac{4G_F}{\sqrt{2}}(\bar{\mu}_L\sigma^{\mu\nu}\mu_R)(\bar{b}_L\sigma_{\mu\nu}b_R)$	C
CTRR_tautaudd	$\frac{4G_F}{\sqrt{2}}(\bar{\tau}_L\sigma^{\mu\nu}\tau_R)(\bar{d}_L\sigma_{\mu\nu}d_R)$	C
CTRR_tautauss	$\frac{4G_F}{\sqrt{2}}(\bar{\tau}_L\sigma^{\mu\nu}\tau_R)(\bar{s}_L\sigma_{\mu\nu}s_R)$	C
CTRR_tautaubb	$\frac{4G_F}{\sqrt{2}}(\bar{\tau}_L\sigma^{\mu\nu}\tau_R)(\bar{b}_L\sigma_{\mu\nu}b_R)$	C
CS1RR_uuuu	$\frac{4G_F}{\sqrt{2}}(\bar{u}_Lu_R)(\bar{u}_Lu_R)$	C
CS8RR_uuuu	$\frac{4G_F}{\sqrt{2}}(\bar{u}_LT^Au_R)(\bar{u}_LT^Au_R)$	C
CS1RR_uudd	$\frac{4G_F}{\sqrt{2}}(\bar{u}_Lu_R)(\bar{d}_Ld_R)$	C
CS1RR_uuss	$\frac{4G_F}{\sqrt{2}}(\bar{u}_Lu_R)(\bar{s}_Ls_R)$	C
CS1RR_uubb	$\frac{4G_F}{\sqrt{2}}(\bar{u}_Lu_R)(\bar{b}_Lb_R)$	C
CS8RR_uudd	$\frac{4G_F}{\sqrt{2}}(\bar{u}_LT^Au_R)(\bar{d}_LT^Ad_R)$	C
CS8RR_uuss	$\frac{4G_F}{\sqrt{2}}(\bar{u}_LT^Au_R)(\bar{s}_LT^As_R)$	C
CS8RR_uubb	$\frac{4G_F}{\sqrt{2}}(\bar{u}_LT^Au_R)(\bar{b}_LT^Ab_R)$	C
CS1RR_dddd	$\frac{4G_F}{\sqrt{2}}(\bar{d}_Ld_R)(\bar{d}_Ld_R)$	C
CS1RR_ddss	$\frac{4G_F}{\sqrt{2}}(\bar{d}_Ld_R)(\bar{s}_Ls_R)$	C
CS1RR_ddbb	$\frac{4G_F}{\sqrt{2}}(\bar{d}_Ld_R)(\bar{b}_Lb_R)$	C
CS1RR_dssd	$\frac{4G_F}{\sqrt{2}}(\bar{d}_Ls_R)(\bar{s}_Ld_R)$	C
CS1RR_dbbd	$\frac{4G_F}{\sqrt{2}}(\bar{d}_Lb_R)(\bar{b}_Ld_R)$	C
CS1RR_ssss	$\frac{4G_F}{\sqrt{2}}(\bar{s}_Ls_R)(\bar{s}_Ls_R)$	C
CS1RR_ssbb	$\frac{4G_F}{\sqrt{2}}(\bar{s}_Ls_R)(\bar{b}_Lb_R)$	C
CS1RR_sbbs	$\frac{4G_F}{\sqrt{2}}(\bar{s}_Lb_R)(\bar{b}_Ls_R)$	C
CS1RR_bbbb	$\frac{4G_F}{\sqrt{2}}(\bar{b}_Lb_R)(\bar{b}_Lb_R)$	C
CS8RR_dddd	$\frac{4G_F}{\sqrt{2}}(\bar{d}_LT^Ad_R)(\bar{d}_LT^Ad_R)$	C
CS8RR_ddss	$\frac{4G_F}{\sqrt{2}}(\bar{d}_LT^Ad_R)(\bar{s}_LT^As_R)$	C
CS8RR_ddbb	$\frac{4G_F}{\sqrt{2}}(\bar{d}_LT^Ad_R)(\bar{b}_LT^Ab_R)$	C
CS8RR_dssd	$\frac{4G_F}{\sqrt{2}}(\bar{d}_LT^As_R)(\bar{s}_LT^Ad_R)$	C
CS8RR_dbbd	$\frac{4G_F}{\sqrt{2}}(\bar{d}_LT^Ab_R)(\bar{b}_LT^Ad_R)$	C
CS8RR_ssss	$\frac{4G_F}{\sqrt{2}}(\bar{s}_LT^As_R)(\bar{s}_LT^As_R)$	C
CS8RR_ssbb	$\frac{4G_F}{\sqrt{2}}(\bar{s}_LT^As_R)(\bar{b}_LT^Ab_R)$	C
CS8RR_sbbs	$\frac{4G_F}{\sqrt{2}}(\bar{s}_LT^Ab_R)(\bar{b}_LT^As_R)$	C
CS8RR_bbbb	$\frac{4G_F}{\sqrt{2}}(\bar{b}_LT^Ab_R)(\bar{b}_LT^Ab_R)$	C
CS1RR_uddu	$\frac{4G_F}{\sqrt{2}}(\bar{u}_Ld_R)(\bar{d}_Lu_R)$	C
CS1RR_ussu	$\frac{4G_F}{\sqrt{2}}(\bar{u}_Ls_R)(\bar{s}_Lu_R)$	C
CS1RR_ubbu	$\frac{4G_F}{\sqrt{2}}(\bar{u}_Lb_R)(\bar{b}_Lu_R)$	C
CS8RR_uddu	$\frac{4G_F}{\sqrt{2}}(\bar{u}_LT^Ad_R)(\bar{d}_LT^Au_R)$	C

WC name	Operator	Type
CS8RR_ussu	$\frac{4G_F}{\sqrt{2}}(\bar{u}_L T^A s_R)(\bar{s}_L T^A u_R)$	C
CS8RR_ubbu	$\frac{4G_F}{\sqrt{2}}(\bar{u}_L T^A b_R)(\bar{b}_L T^A u_R)$	C

mue

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

WC name	Operator	Type
CSRL_muedd	$(\bar{e}_L\mu_R)(\bar{d}_R d_L)$	C
CSRL_muess	$(\bar{e}_L\mu_R)(\bar{s}_R s_L)$	C
CSRL_emudd	$(\bar{\mu}_L e_R)(\bar{d}_R d_L)$	C
CSRL_emuss	$(\bar{\mu}_L e_R)(\bar{s}_R s_L)$	C
CSRR_eemue	$(\bar{e}_L e_R)(\bar{e}_L \mu_R)$	C
CSRR_eeemu	$(\bar{e}_L e_R)(\bar{\mu}_L e_R)$	C
CSRR_muemumu	$(\bar{e}_L\mu_R)(\bar{\mu}_L\mu_R)$	C
CSRR_muetautau	$(\bar{e}_L\mu_R)(\bar{\tau}_L\tau_R)$	C
CSRR_tauemutau	$(\bar{e}_L\tau_R)(\bar{\tau}_L\mu_R)$	C
CSRR_emumumu	$(\bar{\mu}_L e_R)(\bar{\mu}_L\mu_R)$	C
CSRR_emutautau	$(\bar{\mu}_L e_R)(\bar{\tau}_L\tau_R)$	C
CSRR_taumuetau	$(\bar{\mu}_L\tau_R)(\bar{\tau}_L e_R)$	C
CSRR_mueuu	$(\bar{e}_L\mu_R)(\bar{u}_L u_R)$	C
CSRR_muecc	$(\bar{e}_L\mu_R)(\bar{c}_L c_R)$	C
CSRR_emuuu	$(\bar{\mu}_L e_R)(\bar{u}_L u_R)$	C
CSRR_emucc	$(\bar{\mu}_L e_R)(\bar{c}_L c_R)$	C
CTRR_mueuu	$(\bar{e}_L\sigma^{\mu\nu}\mu_R)(\bar{u}_L\sigma_{\mu\nu}u_R)$	C
CTRR_muecc	$(\bar{e}_L\sigma^{\mu\nu}\mu_R)(\bar{c}_L\sigma_{\mu\nu}c_R)$	C
CTRR_emuuu	$(\bar{\mu}_L\sigma^{\mu\nu}e_R)(\bar{u}_L\sigma_{\mu\nu}u_R)$	C
CTRR_emucc	$(\bar{\mu}_L\sigma^{\mu\nu}e_R)(\bar{c}_L\sigma_{\mu\nu}c_R)$	C
CSRR_muedd	$(\bar{e}_L\mu_R)(\bar{d}_L d_R)$	C
CSRR_muess	$(\bar{e}_L\mu_R)(\bar{s}_L s_R)$	C
CSRR_emudd	$(\bar{\mu}_L e_R)(\bar{d}_L d_R)$	C
CSRR_emuss	$(\bar{\mu}_L e_R)(\bar{s}_L s_R)$	C
CTRR_muedd	$(\bar{e}_L\sigma^{\mu\nu}\mu_R)(\bar{d}_L\sigma_{\mu\nu}d_R)$	C
CTRR_muess	$(\bar{e}_L\sigma^{\mu\nu}\mu_R)(\bar{s}_L\sigma_{\mu\nu}s_R)$	C
CTRR_emudd	$(\bar{\mu}_L\sigma^{\mu\nu}e_R)(\bar{d}_L\sigma_{\mu\nu}d_R)$	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	$\bar{\tau}_L\sigma^{\mu\nu}\mu_R F_{\mu\nu}$	C
CVLL_eetaumu	$(\bar{e}_L\gamma^\mu e_L)(\bar{\mu}_L\gamma_\mu\tau_L)$	C
CVLL_mumutaumu	$(\bar{\mu}_L\gamma^\mu\mu_L)(\bar{\mu}_L\gamma_\mu\tau_L)$	C
CVLL_taumutautau	$(\bar{\mu}_L\gamma^\mu\tau_L)(\bar{\tau}_L\gamma_\mu\tau_L)$	C
CVLL_taumuuu	$(\bar{\mu}_L\gamma^\mu\tau_L)(\bar{u}_L\gamma_\mu u_L)$	C
CVLL_taumucc	$(\bar{\mu}_L\gamma^\mu\tau_L)(\bar{c}_L\gamma_\mu c_L)$	C
CVLL_taumudd	$(\bar{\mu}_L\gamma^\mu\tau_L)(\bar{d}_L\gamma_\mu d_L)$	C
CVLL_taumuss	$(\bar{\mu}_L\gamma^\mu\tau_L)(\bar{s}_L\gamma_\mu s_L)$	C
CVRR_eetaumu	$(\bar{e}_R\gamma^\mu e_R)(\bar{\mu}_R\gamma_\mu\tau_R)$	C

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

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

taue

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

WC name	Operator	Type
CVLR_uutaue	$(\bar{u}_L\gamma^\mu u_L)(\bar{e}_R\gamma_\mu\tau_R)$	C
CVLR_cctaue	$(\bar{c}_L\gamma^\mu c_L)(\bar{e}_R\gamma_\mu\tau_R)$	C
CVLR_ddtaue	$(\bar{d}_L\gamma^\mu d_L)(\bar{e}_R\gamma_\mu\tau_R)$	C
CVLR_sstaue	$(\bar{s}_L\gamma^\mu s_L)(\bar{e}_R\gamma_\mu\tau_R)$	C
CSRL_taueuu	$(\bar{e}_L\tau_R)(\bar{u}_R u_L)$	C
CSRL_tauecc	$(\bar{e}_L\tau_R)(\bar{c}_R c_L)$	C
CSRL_etauuu	$(\bar{\tau}_L e_R)(\bar{u}_R u_L)$	C
CSRL_etaucc	$(\bar{\tau}_L e_R)(\bar{c}_R c_L)$	C
CSRL_tauedd	$(\bar{e}_L\tau_R)(\bar{d}_R d_L)$	C
CSRL_tauess	$(\bar{e}_L\tau_R)(\bar{s}_R s_L)$	C
CSRL_etaudd	$(\bar{\tau}_L e_R)(\bar{d}_R d_L)$	C
CSRL_etauss	$(\bar{\tau}_L e_R)(\bar{s}_R s_L)$	C
CSRR_eetaue	$(\bar{e}_L e_R)(\bar{e}_L\tau_R)$	C
CSRR_eeetau	$(\bar{e}_L e_R)(\bar{\tau}_L e_R)$	C
CSRR_muetaumu	$(\bar{e}_L\mu_R)(\bar{\mu}_L\tau_R)$	C
CSRR_tauemumu	$(\bar{e}_L\tau_R)(\bar{\mu}_L\mu_R)$	C
CSRR_tauetautau	$(\bar{e}_L\tau_R)(\bar{\tau}_L\tau_R)$	C
CSRR_emumutau	$(\bar{\mu}_L e_R)(\bar{\tau}_L\mu_R)$	C
CSRR_mumuetau	$(\bar{\mu}_L\mu_R)(\bar{\tau}_L e_R)$	C
CSRR_etautautau	$(\bar{\tau}_L e_R)(\bar{\tau}_L\tau_R)$	C
CSRR_taueuu	$(\bar{e}_L\tau_R)(\bar{u}_L u_R)$	C
CSRR_tauecc	$(\bar{e}_L\tau_R)(\bar{c}_L c_R)$	C
CSRR_etauuu	$(\bar{\tau}_L e_R)(\bar{u}_L u_R)$	C
CSRR_etaucc	$(\bar{\tau}_L e_R)(\bar{c}_L c_R)$	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	$(\bar{\tau}_L\sigma^{\mu\nu}e_R)(\bar{u}_L\sigma_{\mu\nu}u_R)$	C
CTRR_etaucc	$(\bar{\tau}_L\sigma^{\mu\nu}e_R)(\bar{c}_L\sigma_{\mu\nu}c_R)$	C
CSRR_tauedd	$(\bar{e}_L\tau_R)(\bar{d}_L d_R)$	C
CSRR_tauess	$(\bar{e}_L\tau_R)(\bar{s}_L s_R)$	C
CSRR_etaudd	$(\bar{\tau}_L e_R)(\bar{d}_L d_R)$	C
CSRR_etauss	$(\bar{\tau}_L e_R)(\bar{s}_L s_R)$	C
CTRR_tauedd	$(\bar{e}_L\sigma^{\mu\nu}\tau_R)(\bar{d}_L\sigma_{\mu\nu}d_R)$	C
CTRR_tauess	$(\bar{e}_L\sigma^{\mu\nu}\tau_R)(\bar{s}_L\sigma_{\mu\nu}s_R)$	C
CTRR_etaudd	$(\bar{\tau}_L\sigma^{\mu\nu}e_R)(\bar{d}_L\sigma_{\mu\nu}d_R)$	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	$(\bar{\nu}_{eL}\gamma^\mu\nu_{eL})(\bar{e}_L\gamma_\mu\mu_L)$	C
CVLL_numunueemu	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\mu}_L\gamma_\mu e_L)$	C

WC name	Operator	Type
CVLL_numunuemue	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{e}_L\gamma_\mu\mu_L)$	C
CVLL_numunumumue	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\mu L})(\bar{e}_L\gamma_\mu\mu_L)$	C
CVLL_nutaunueemu	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\mu}_L\gamma_\mu e_L)$	C
CVLL_nutaunuemue	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{e}_L\gamma_\mu\mu_L)$	C
CVLL_nutaunumuemu	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\mu}_L\gamma_\mu e_L)$	C
CVLL_nutaunumumue	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{e}_L\gamma_\mu\mu_L)$	C
CVLL_nutaunutaumue	$(\bar{\nu}_{\tau L}\gamma^\mu\nu_{\tau L})(\bar{e}_L\gamma_\mu\mu_L)$	C
CVLR_nuenuemue	$(\bar{\nu}_{eL}\gamma^\mu\nu_{eL})(\bar{e}_R\gamma_\mu\mu_R)$	C
CVLR_numunueemu	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\mu}_R\gamma_\mu e_R)$	C
CVLR_numunuemue	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{e}_R\gamma_\mu\mu_R)$	C
CVLR_numunumumue	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\mu L})(\bar{e}_R\gamma_\mu\mu_R)$	C
CVLR_nutaunueemu	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\mu}_R\gamma_\mu e_R)$	C
CVLR_nutaunuemue	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{e}_R\gamma_\mu\mu_R)$	C
CVLR_nutaunumuemu	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\mu}_R\gamma_\mu e_R)$	C
CVLR_nutaunumumue	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{e}_R\gamma_\mu\mu_R)$	C
CVLR_nutaunutaumue	$(\bar{\nu}_{\tau L}\gamma^\mu\nu_{\tau L})(\bar{e}_R\gamma_\mu\mu_R)$	C

nunumutau

WC name	Operator	Type
CVLL_nuenuetaumu	$(\bar{\nu}_{eL}\gamma^\mu\nu_{eL})(\bar{\mu}_L\gamma_\mu\tau_L)$	C
CVLL_numunuemutau	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\tau}_L\gamma_\mu\mu_L)$	C
CVLL_numunuetaumu	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\mu}_L\gamma_\mu\tau_L)$	C
CVLL_numunumutaumu	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\mu L})(\bar{\mu}_L\gamma_\mu\tau_L)$	C
CVLL_nutaunuemutau	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\tau}_L\gamma_\mu\mu_L)$	C
CVLL_nutaunuetaumu	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\mu}_L\gamma_\mu\tau_L)$	C
CVLL_nutaunumumutau	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\tau}_L\gamma_\mu\mu_L)$	C
CVLL_nutaunumutaumu	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\mu}_L\gamma_\mu\tau_L)$	C
CVLL_nutaunutautaumu	$(\bar{\nu}_{\tau L}\gamma^\mu\nu_{\tau L})(\bar{\mu}_L\gamma_\mu\tau_L)$	C
CVLR_nuenuetaumu	$(\bar{\nu}_{eL}\gamma^\mu\nu_{eL})(\bar{\mu}_R\gamma_\mu\tau_R)$	C
CVLR_numunuemutau	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\tau}_R\gamma_\mu\mu_R)$	C
CVLR_numunuetaumu	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\mu}_R\gamma_\mu\tau_R)$	C
CVLR_numunumutaumu	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\mu L})(\bar{\mu}_R\gamma_\mu\tau_R)$	C
CVLR_nutaunuemutau	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\tau}_R\gamma_\mu\mu_R)$	C
CVLR_nutaunuetaumu	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\mu}_R\gamma_\mu\tau_R)$	C
CVLR_nutaunumumutau	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\tau}_R\gamma_\mu\mu_R)$	C
CVLR_nutaunumutaumu	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\mu}_R\gamma_\mu\tau_R)$	C
CVLR_nutaunutautaumu	$(\bar{\nu}_{\tau L}\gamma^\mu\nu_{\tau L})(\bar{\mu}_R\gamma_\mu\tau_R)$	C

nunutaue

WC name	Operator	Type
CVLL_nuenuetaue	$(\bar{\nu}_{eL}\gamma^\mu\nu_{eL})(\bar{e}_L\gamma_\mu\tau_L)$	C
CVLL_numunueetau	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\tau}_L\gamma_\mu e_L)$	C
CVLL_numunuetaue	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{e}_L\gamma_\mu\tau_L)$	C
CVLL_numunumutaue	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\mu L})(\bar{e}_L\gamma_\mu\tau_L)$	C
CVLL_nutaunueetau	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\tau}_L\gamma_\mu e_L)$	C
CVLL_nutaunuetaue	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{e}_L\gamma_\mu\tau_L)$	C
CVLL_nutaunumuetau	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\tau}_L\gamma_\mu e_L)$	C
CVLL_nutaunumutaue	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{e}_L\gamma_\mu\tau_L)$	C
CVLL_nutaunutautaue	$(\bar{\nu}_{\tau L}\gamma^\mu\nu_{\tau L})(\bar{e}_L\gamma_\mu\tau_L)$	C
CVLR_nuenuetaue	$(\bar{\nu}_{eL}\gamma^\mu\nu_{eL})(\bar{e}_R\gamma_\mu\tau_R)$	C
CVLR_numunueetau	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\tau}_R\gamma_\mu e_R)$	C
CVLR_numunuetaue	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{e}_R\gamma_\mu\tau_R)$	C
CVLR_numunumutaue	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\mu L})(\bar{e}_R\gamma_\mu\tau_R)$	C
CVLR_nutaunueetau	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\tau}_R\gamma_\mu e_R)$	C
CVLR_nutaunuetaue	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{e}_R\gamma_\mu\tau_R)$	C
CVLR_nutaunumuetau	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\tau}_R\gamma_\mu e_R)$	C
CVLR_nutaunumutaue	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{e}_R\gamma_\mu\tau_R)$	C
CVLR_nutaunutautaue	$(\bar{\nu}_{\tau L}\gamma^\mu\nu_{\tau L})(\bar{e}_R\gamma_\mu\tau_R)$	C