Basis `flavio` (EFT `WET`)

Basis used by the flavio package. Neutrinos are in the flavour basis.

Sectors

`sbsb`

WC name	Operator	Type
`CVLL_bsbs`	$(\bar{s}_L\gamma^\mu b_L)(\bar{s}_L\gamma_\mu b_L)$	C
`CVRR_bsbs`	$(\bar{s}_R\gamma^\mu b_R)(\bar{s}_R\gamma_\mu b_R)$	C
`CSLL_bsbs`	$(\bar{s}_R b_L)(\bar{s}_R b_L)$	C
`CSRR_bsbs`	$(\bar{s}_L b_R)(\bar{s}_L b_R)$	C
`CTLL_bsbs`	$(\bar{s}_R\sigma^{\mu\nu} b_L)(\bar{s}_R\sigma_{\mu\nu} b_L)$	C
`CTRR_bsbs`	$(\bar{s}_L\sigma^{\mu\nu} b_R)(\bar{s}_L\sigma_{\mu\nu} b_R)$	C
`CVLR_bsbs`	$(\bar{s}_L\gamma^\mu b_L)(\bar{s}_R\gamma_\mu b_R)$	C
`CSLR_bsbs`	$(\bar{s}_R b_L)(\bar{s}_L b_R)$	C

`dbdb`

WC name	Operator	Type
`CVLL_bdbd`	$(\bar{d}_L\gamma^\mu b_L)(\bar{d}_L\gamma_\mu b_L)$	C
`CVRR_bdbd`	$(\bar{d}_R\gamma^\mu b_R)(\bar{d}_R\gamma_\mu b_R)$	C
`CSLL_bdbd`	$(\bar{d}_R b_L)(\bar{d}_R b_L)$	C
`CSRR_bdbd`	$(\bar{d}_L b_R)(\bar{d}_L b_R)$	C
`CTLL_bdbd`	$(\bar{d}_R\sigma^{\mu\nu} b_L)(\bar{d}_R\sigma_{\mu\nu} b_L)$	C
`CTRR_bdbd`	$(\bar{d}_L\sigma^{\mu\nu} b_R)(\bar{d}_L\sigma_{\mu\nu} b_R)$	C
`CVLR_bdbd`	$(\bar{d}_L\gamma^\mu b_L)(\bar{d}_R\gamma_\mu b_R)$	C
`CSLR_bdbd`	$(\bar{d}_R b_L)(\bar{d}_L b_R)$	C

`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

WC name	Operator	Type
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

sb

WC name	Operator	Type
C9_bsee	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_L\gamma^\mu b_L)(\bar{e}\gamma_\mu e)$	C
C9p_bsee	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_R\gamma^\mu b_R)(\bar{e}\gamma_\mu e)$	C
C10_bsee	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_L\gamma^\mu b_L)(\bar{e}\gamma_\mu\gamma_5 e)$	C
C10p_bsee	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_R\gamma^\mu b_R)(\bar{e}\gamma_\mu\gamma_5 e)$	C
CS_bsee	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}m_b(\bar{s}_L b_R)(\bar{e}e)$	C
CSp_bsee	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}m_b(\bar{s}_R b_L)(\bar{e}e)$	C
CP_bsee	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}m_b(\bar{s}_L b_R)(\bar{e}\gamma_5 e)$	C
CPp_bsee	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}m_b(\bar{s}_R b_L)(\bar{e}\gamma_5 e)$	C
C9_bsmumu	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_L\gamma^\mu b_L)(\bar{\mu}\gamma_\mu\mu)$	C
C9p_bsmumu	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_R\gamma^\mu b_R)(\bar{\mu}\gamma_\mu\mu)$	C
C10_bsmumu	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_L\gamma^\mu b_L)(\bar{\mu}\gamma_\mu\gamma_5\mu)$	C
C10p_bsmumu	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_R\gamma^\mu b_R)(\bar{\mu}\gamma_\mu\gamma_5\mu)$	C
CS_bsmumu	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}m_b(\bar{s}_L b_R)(\bar{\mu}\mu)$	C
CSp_bsmumu	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}m_b(\bar{s}_R b_L)(\bar{\mu}\mu)$	C
CP_bsmumu	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}m_b(\bar{s}_L b_R)(\bar{\mu}\gamma_5\mu)$	C
CPp_bsmumu	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}m_b(\bar{s}_R b_L)(\bar{\mu}\gamma_5\mu)$	C
C9_bstautau	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_L\gamma^\mu b_L)(\bar{\tau}\gamma_\mu\tau)$	C
C9p_bstautau	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_R\gamma^\mu b_R)(\bar{\tau}\gamma_\mu\tau)$	C
C10_bstautau	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_L\gamma^\mu b_L)(\bar{\tau}\gamma_\mu\gamma_5\tau)$	C
C10p_bstautau	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}(\bar{s}_R\gamma^\mu b_R)(\bar{\tau}\gamma_\mu\gamma_5\tau)$	C
CS_bstautau	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}m_b(\bar{s}_L b_R)(\bar{\tau}\tau)$	C
CSp_bstautau	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}m_b(\bar{s}_R b_L)(\bar{\tau}\tau)$	C
CP_bstautau	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}m_b(\bar{s}_L b_R)(\bar{\tau}\gamma_5\tau)$	C
CPp_bstautau	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e^2}{16\pi^2}m_b(\bar{s}_R b_L)(\bar{\tau}\gamma_5\tau)$	C
C7_bs	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e}{16\pi^2}m_b(\bar{s}_L\sigma^{\mu\nu}b_R)(F_{\mu\nu})$	C
C7p_bs	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{e}{16\pi^2}m_b(\bar{s}_R\sigma^{\mu\nu}b_L)(F_{\mu\nu})$	C
C8_bs	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{g_s}{16\pi^2}m_b(\bar{s}_L\sigma^{\mu\nu}T^a b_R)(G^a_{\mu\nu})$	C
C8p_bs	$\frac{4G_F}{\sqrt{2}}V_{tb}V_{ts}^*\frac{g_s}{16\pi^2}m_b(\bar{s}_R\sigma^{\mu\nu}T^a b_L)(G^a_{\mu\nu})$	C

sbnunu

WC name	Operator	Type
CL_bsnuenue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\nu}_e \gamma_\mu (1-\gamma_5)\nu_e)$	C
CL_bsnumunumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5)\nu_\mu)$	C
CL_bsnutaunutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5)\nu_\tau)$	C
CL_bsnuenumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5)\nu_e)$	C
CL_bsnumunue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\nu}_e \gamma_\mu (1-\gamma_5)\nu_\mu)$	C
CL_bsnumunutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5)\nu_\mu)$	C
CL_bsnutaunumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5)\nu_\tau)$	C
CL_bsnuenutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5)\nu_e)$	C
CL_bsnutaunue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\nu}_e \gamma_\mu (1-\gamma_5)\nu_\tau)$	C
CR_bsnuenue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\nu}_e \gamma_\mu (1-\gamma_5)\nu_e)$	C
CR_bsnumunumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5)\nu_\mu)$	C
CR_bsnutaunutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5)\nu_\tau)$	C
CR_bsnuenumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5)\nu_e)$	C
CR_bsnumunue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\nu}_e \gamma_\mu (1-\gamma_5)\nu_\mu)$	C
CR_bsnumunutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5)\nu_\mu)$	C
CR_bsnutaunumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5)\nu_\tau)$	C
CR_bsnuenutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5)\nu_e)$	C
CR_bsnutaunue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\nu}_e \gamma_\mu (1-\gamma_5)\nu_\tau)$	C

db

WC name	Operator	Type
C9_bdee	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{e}\gamma_\mu e)$	C
C9p_bdee	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{e}\gamma_\mu e)$	C
C10_bdee	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{e}\gamma_\mu \gamma_5 e)$	C
C10p_bdee	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{e}\gamma_\mu \gamma_5 e)$	C
CS_bdee	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_L b_R)(\bar{e} e)$	C
CSp_bdee	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_R b_L)(\bar{e} e)$	C
CP_bdee	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_L b_R)(\bar{e}\gamma_5 e)$	C
CPp_bdee	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_R b_L)(\bar{e}\gamma_5 e)$	C
C9_bdmumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{\mu}\gamma_\mu \mu)$	C
C9p_bdmumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{\mu}\gamma_\mu \mu)$	C

WC name	Operator	Type
C10_bdmumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\mu}\gamma_\mu\gamma_5\mu)$	C
C10p_bdmumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu b_R)(\bar{\mu}\gamma_\mu\gamma_5\mu)$	C
CS_bdmumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_L b_R)(\bar{\mu}\mu)$	C
CSp_bdmumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_R b_L)(\bar{\mu}\mu)$	C
CP_bdmumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_L b_R)(\bar{\mu}\gamma_5\mu)$	C
CPp_bdmumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_R b_L)(\bar{\mu}\gamma_5\mu)$	C
C9_bdtautau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\tau}\gamma_\mu\tau)$	C
C9p_bdtautau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu b_R)(\bar{\tau}\gamma_\mu\tau)$	C
C10_bdtautau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\tau}\gamma_\mu\gamma_5\tau)$	C
C10p_bdtautau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu b_R)(\bar{\tau}\gamma_\mu\gamma_5\tau)$	C
CS_bdtautau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_L b_R)(\bar{\tau}\tau)$	C
CSp_bdtautau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_R b_L)(\bar{\tau}\tau)$	C
CP_bdtautau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_L b_R)(\bar{\tau}\gamma_5\tau)$	C
CPp_bdtautau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_R b_L)(\bar{\tau}\gamma_5\tau)$	C
C7_bd	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e}{16\pi^2} m_b(\bar{d}_L\sigma^{\mu\nu} b_R)(F_{\mu\nu})$	C
C7p_bd	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e}{16\pi^2} m_b(\bar{d}_R\sigma^{\mu\nu} b_L)(F_{\mu\nu})$	C
C8_bd	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{g_s}{16\pi^2} m_b(\bar{d}_L\sigma^{\mu\nu} T^a b_R)(G^a_{\mu\nu})$	C
C8p_bd	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{g_s}{16\pi^2} m_b(\bar{d}_R\sigma^{\mu\nu} T^a b_L)(G^a_{\mu\nu})$	C

dbnunu

WC name	Operator	Type
CL_bdnuenue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\nu}_e\gamma_\mu(1-\gamma_5)\nu_e)$	C
CL_bdnumunumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\nu}_\mu\gamma_\mu(1-\gamma_5)\nu_\mu)$	C
CL_bdnutaunutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\nu}_\tau\gamma_\mu(1-\gamma_5)\nu_\tau)$	C
CL_bdnuenumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\nu}_\mu\gamma_\mu(1-\gamma_5)\nu_e)$	C
CL_bdnumunue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\nu}_e\gamma_\mu(1-\gamma_5)\nu_\mu)$	C
CL_bdnumunutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\nu}_\tau\gamma_\mu(1-\gamma_5)\nu_\mu)$	C
CL_bdnutaunumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\nu}_\mu\gamma_\mu(1-\gamma_5)\nu_\tau)$	C
CL_bdnuenutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\nu}_\tau\gamma_\mu(1-\gamma_5)\nu_e)$	C
CL_bdnutaunue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\nu}_e\gamma_\mu(1-\gamma_5)\nu_\tau)$	C
CR_bdnuenue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu b_R)(\bar{\nu}_e\gamma_\mu(1-\gamma_5)\nu_e)$	C
CR_bdnumunumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu b_R)(\bar{\nu}_\mu\gamma_\mu(1-\gamma_5)\nu_\mu)$	C
CR_bdnutaunutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu b_R)(\bar{\nu}_\tau\gamma_\mu(1-\gamma_5)\nu_\tau)$	C

WC name	Operator	Type
`CR_bdnuenumu`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5)\nu_e)$	C
`CR_bdnumunue`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{\nu}_e \gamma_\mu (1-\gamma_5)\nu_\mu)$	C
`CR_bdnumunutau`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5)\nu_\mu)$	C
`CR_bdnutaunumu`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{\nu}_\mu \gamma_\mu (1-\gamma_5)\nu_\tau)$	C
`CR_bdnuenutau`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{\nu}_\tau \gamma_\mu (1-\gamma_5)\nu_e)$	C
`CR_bdnutaunue`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{\nu}_e \gamma_\mu (1-\gamma_5)\nu_\tau)$	C

`sbemu`

WC name	Operator	Type
`C9_bsemu`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\mu} \gamma_\mu e)$	C
`C9p_bsemu`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\mu} \gamma_\mu e)$	C
`C10_bsemu`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\mu} \gamma_\mu \gamma_5 e)$	C
`C10p_bsemu`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\mu} \gamma_\mu \gamma_5 e)$	C
`CS_bsemu`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b (\bar{s}_L b_R)(\bar{\mu} e)$	C
`CSp_bsemu`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b (\bar{s}_R b_L)(\bar{\mu} e)$	C
`CP_bsemu`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b (\bar{s}_L b_R)(\bar{\mu} \gamma_5 e)$	C
`CPp_bsemu`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b (\bar{s}_R b_L)(\bar{\mu} \gamma_5 e)$	C

`sbmue`

WC name	Operator	Type
`C9_bsmue`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{e} \gamma_\mu \mu)$	C
`C9p_bsmue`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{e} \gamma_\mu \mu)$	C
`C10_bsmue`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{e} \gamma_\mu \gamma_5 \mu)$	C
`C10p_bsmue`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{e} \gamma_\mu \gamma_5 \mu)$	C
`CS_bsmue`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b (\bar{s}_L b_R)(\bar{e} \mu)$	C
`CSp_bsmue`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b (\bar{s}_R b_L)(\bar{e} \mu)$	C
`CP_bsmue`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b (\bar{s}_L b_R)(\bar{e} \gamma_5 \mu)$	C
`CPp_bsmue`	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b (\bar{s}_R b_L)(\bar{e} \gamma_5 \mu)$	C

`sbetau`

WC name	Operator	Type
C9_bsetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_L\gamma^\mu b_L)(\bar{\tau}\gamma_\mu e)$	C
C9p_bsetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_R\gamma^\mu b_R)(\bar{\tau}\gamma_\mu e)$	C
C10_bsetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_L\gamma^\mu b_L)(\bar{\tau}\gamma_\mu\gamma_5 e)$	C
C10p_bsetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_R\gamma^\mu b_R)(\bar{\tau}\gamma_\mu\gamma_5 e)$	C
CS_bsetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b(\bar{s}_L b_R)(\bar{\tau} e)$	C
CSp_bsetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b(\bar{s}_R b_L)(\bar{\tau} e)$	C
CP_bsetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b(\bar{s}_L b_R)(\bar{\tau}\gamma_5 e)$	C
CPp_bsetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b(\bar{s}_R b_L)(\bar{\tau}\gamma_5 e)$	C

sbtaue

WC name	Operator	Type
C9_bstaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_L\gamma^\mu b_L)(\bar{e}\gamma_\mu\tau)$	C
C9p_bstaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_R\gamma^\mu b_R)(\bar{e}\gamma_\mu\tau)$	C
C10_bstaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_L\gamma^\mu b_L)(\bar{e}\gamma_\mu\gamma_5\tau)$	C
C10p_bstaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_R\gamma^\mu b_R)(\bar{e}\gamma_\mu\gamma_5\tau)$	C
CS_bstaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b(\bar{s}_L b_R)(\bar{e}\tau)$	C
CSp_bstaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b(\bar{s}_R b_L)(\bar{e}\tau)$	C
CP_bstaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b(\bar{s}_L b_R)(\bar{e}\gamma_5\tau)$	C
CPp_bstaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b(\bar{s}_R b_L)(\bar{e}\gamma_5\tau)$	C

sbmutau

WC name	Operator	Type
C9_bsmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_L\gamma^\mu b_L)(\bar{\tau}\gamma_\mu\mu)$	C
C9p_bsmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_R\gamma^\mu b_R)(\bar{\tau}\gamma_\mu\mu)$	C
C10_bsmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_L\gamma^\mu b_L)(\bar{\tau}\gamma_\mu\gamma_5\mu)$	C
C10p_bsmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2}(\bar{s}_R\gamma^\mu b_R)(\bar{\tau}\gamma_\mu\gamma_5\mu)$	C
CS_bsmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b(\bar{s}_L b_R)(\bar{\tau}\mu)$	C
CSp_bsmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b(\bar{s}_R b_L)(\bar{\tau}\mu)$	C
CP_bsmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b(\bar{s}_L b_R)(\bar{\tau}\gamma_5\mu)$	C
CPp_bsmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b(\bar{s}_R b_L)(\bar{\tau}\gamma_5\mu)$	C

sbtaumu

WC name	Operator	Type
C9_bstaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\mu}\gamma_\mu \tau)$	C
C9p_bstaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\mu}\gamma_\mu \tau)$	C
C10_bstaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_L \gamma^\mu b_L)(\bar{\mu}\gamma_\mu \gamma_5 \tau)$	C
C10p_bstaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} (\bar{s}_R \gamma^\mu b_R)(\bar{\mu}\gamma_\mu \gamma_5 \tau)$	C
CS_bstaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b (\bar{s}_L b_R)(\bar{\mu}\tau)$	C
CSp_bstaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b (\bar{s}_R b_L)(\bar{\mu}\tau)$	C
CP_bstaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b (\bar{s}_L b_R)(\bar{\mu}\gamma_5 \tau)$	C
CPp_bstaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{ts}^* \frac{e^2}{16\pi^2} m_b (\bar{s}_R b_L)(\bar{\mu}\gamma_5 \tau)$	C

dbemu

WC name	Operator	Type
C9_bdemu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{\mu}\gamma_\mu e)$	C
C9p_bdemu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{\mu}\gamma_\mu e)$	C
C10_bdemu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{\mu}\gamma_\mu \gamma_5 e)$	C
C10p_bdemu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{\mu}\gamma_\mu \gamma_5 e)$	C
CS_bdemu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_L b_R)(\bar{\mu} e)$	C
CSp_bdemu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_R b_L)(\bar{\mu} e)$	C
CP_bdemu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_L b_R)(\bar{\mu}\gamma_5 e)$	C
CPp_bdemu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_R b_L)(\bar{\mu}\gamma_5 e)$	C

dbmue

WC name	Operator	Type
C9_bdmue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{e}\gamma_\mu \mu)$	C
C9p_bdmue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{e}\gamma_\mu \mu)$	C
C10_bdmue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{e}\gamma_\mu \gamma_5 \mu)$	C
C10p_bdmue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{e}\gamma_\mu \gamma_5 \mu)$	C
CS_bdmue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_L b_R)(\bar{e} \mu)$	C
CSp_bdmue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_R b_L)(\bar{e} \mu)$	C
CP_bdmue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_L b_R)(\bar{e}\gamma_5 \mu)$	C

WC name	Operator	Type
CPp_bdmue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_R b_L)(\bar{e}\gamma_5 \mu)$	C

dbetau

WC name	Operator	Type
C9_bdetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{\tau}\gamma_\mu e)$	C
C9p_bdetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{\tau}\gamma_\mu e)$	C
C10_bdetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{\tau}\gamma_\mu \gamma_5 e)$	C
C10p_bdetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{\tau}\gamma_\mu \gamma_5 e)$	C
CS_bdetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_L b_R)(\bar{\tau} e)$	C
CSp_bdetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_R b_L)(\bar{\tau} e)$	C
CP_bdetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_L b_R)(\bar{\tau}\gamma_5 e)$	C
CPp_bdetau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_R b_L)(\bar{\tau}\gamma_5 e)$	C

dbtaue

WC name	Operator	Type
C9_bdtaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{e}\gamma_\mu \tau)$	C
C9p_bdtaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{e}\gamma_\mu \tau)$	C
C10_bdtaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{e}\gamma_\mu \gamma_5 \tau)$	C
C10p_bdtaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{e}\gamma_\mu \gamma_5 \tau)$	C
CS_bdtaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_L b_R)(\bar{e} \tau)$	C
CSp_bdtaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_R b_L)(\bar{e} \tau)$	C
CP_bdtaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_L b_R)(\bar{e}\gamma_5 \tau)$	C
CPp_bdtaue	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b (\bar{d}_R b_L)(\bar{e}\gamma_5 \tau)$	C

dbmutau

WC name	Operator	Type
C9_bdmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{\tau}\gamma_\mu \mu)$	C
C9p_bdmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_R \gamma^\mu b_R)(\bar{\tau}\gamma_\mu \mu)$	C
C10_bdmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} (\bar{d}_L \gamma^\mu b_L)(\bar{\tau}\gamma_\mu \gamma_5 \mu)$	C

WC name	Operator	Type
C10p_bdmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu b_R)(\bar{\tau}\gamma_\mu\gamma_5\mu)$	C
CS_bdmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_L b_R)(\bar{\tau}\mu)$	C
CSp_bdmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_R b_L)(\bar{\tau}\mu)$	C
CP_bdmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_L b_R)(\bar{\tau}\gamma_5\mu)$	C
CPp_bdmutau	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_R b_L)(\bar{\tau}\gamma_5\mu)$	C

dbtaumu

WC name	Operator	Type
C9_bdtaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\mu}\gamma_\mu\tau)$	C
C9p_bdtaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu b_R)(\bar{\mu}\gamma_\mu\tau)$	C
C10_bdtaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_L\gamma^\mu b_L)(\bar{\mu}\gamma_\mu\gamma_5\tau)$	C
C10p_bdtaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2}(\bar{d}_R\gamma^\mu b_R)(\bar{\mu}\gamma_\mu\gamma_5\tau)$	C
CS_bdtaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_L b_R)(\bar{\mu}\tau)$	C
CSp_bdtaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_R b_L)(\bar{\mu}\tau)$	C
CP_bdtaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_L b_R)(\bar{\mu}\gamma_5\tau)$	C
CPp_bdtaumu	$\frac{4G_F}{\sqrt{2}} V_{tb}V_{td}^* \frac{e^2}{16\pi^2} m_b(\bar{d}_R b_L)(\bar{\mu}\gamma_5\tau)$	C

cbenu

WC name	Operator	Type
CVL_bcenue	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_L\gamma^\mu b_L)(\bar{e}_L\gamma_\mu\nu_{eL})$	C
CVR_bcenue	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_R\gamma^\mu b_R)(\bar{e}_L\gamma_\mu\nu_{eL})$	C
CSR_bcenue	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_L b_R)(\bar{e}_R\nu_{eL})$	C
CSL_bcenue	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_R b_L)(\bar{e}_R\nu_{eL})$	C
CT_bcenue	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_R\sigma^{\mu\nu} b_L)(\bar{e}_R\sigma_{\mu\nu}\nu_{eL})$	C
CVL_bcenumu	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_L\gamma^\mu b_L)(\bar{e}_L\gamma_\mu\nu_{\mu L})$	C
CVR_bcenumu	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_R\gamma^\mu b_R)(\bar{e}_L\gamma_\mu\nu_{\mu L})$	C
CSR_bcenumu	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_L b_R)(\bar{e}_R\nu_{\mu L})$	C
CSL_bcenumu	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_R b_L)(\bar{e}_R\nu_{\mu L})$	C
CT_bcenumu	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_R\sigma^{\mu\nu} b_L)(\bar{e}_R\sigma_{\mu\nu}\nu_{\mu L})$	C
CVL_bcenutau	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_L\gamma^\mu b_L)(\bar{e}_L\gamma_\mu\nu_{\tau L})$	C
CVR_bcenutau	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_R\gamma^\mu b_R)(\bar{e}_L\gamma_\mu\nu_{\tau L})$	C
CSR_bcenutau	$-\frac{4G_F}{\sqrt{2}} V_{cb}(\bar{c}_L b_R)(\bar{e}_R\nu_{\tau L})$	C

WC name	Operator	Type
CSL_bcenutau	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R b_L)(\bar{e}_R \nu_{\tau L})$	C
CT_bcenutau	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R \sigma^{\mu\nu} b_L)(\bar{e}_R \sigma_{\mu\nu} \nu_{\tau L})$	C

ubenu

WC name	Operator	Type
CVL_buenue	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L \gamma^\mu b_L)(\bar{e}_L \gamma_\mu \nu_{eL})$	C
CVR_buenue	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R \gamma^\mu b_R)(\bar{e}_L \gamma_\mu \nu_{eL})$	C
CSR_buenue	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L b_R)(\bar{e}_R \nu_{eL})$	C
CSL_buenue	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R b_L)(\bar{e}_R \nu_{eL})$	C
CT_buenue	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R \sigma^{\mu\nu} b_L)(\bar{e}_R \sigma_{\mu\nu} \nu_{eL})$	C
CVL_buenumu	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L \gamma^\mu b_L)(\bar{e}_L \gamma_\mu \nu_{\mu L})$	C
CVR_buenumu	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R \gamma^\mu b_R)(\bar{e}_L \gamma_\mu \nu_{\mu L})$	C
CSR_buenumu	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L b_R)(\bar{e}_R \nu_{\mu L})$	C
CSL_buenumu	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R b_L)(\bar{e}_R \nu_{\mu L})$	C
CT_buenumu	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R \sigma^{\mu\nu} b_L)(\bar{e}_R \sigma_{\mu\nu} \nu_{\mu L})$	C
CVL_buenutau	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L \gamma^\mu b_L)(\bar{e}_L \gamma_\mu \nu_{\tau L})$	C
CVR_buenutau	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R \gamma^\mu b_R)(\bar{e}_L \gamma_\mu \nu_{\tau L})$	C
CSR_buenutau	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L b_R)(\bar{e}_R \nu_{\tau L})$	C
CSL_buenutau	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R b_L)(\bar{e}_R \nu_{\tau L})$	C
CT_buenutau	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R \sigma^{\mu\nu} b_L)(\bar{e}_R \sigma_{\mu\nu} \nu_{\tau L})$	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

WC name	Operator	Type
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

cbmunu

WC name	Operator	Type
CVL_bcmunue	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_L\gamma^\mu b_L)(\bar{\mu}_L\gamma_\mu\nu_{eL})$	C
CVR_bcmunue	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R\gamma^\mu b_R)(\bar{\mu}_L\gamma_\mu\nu_{eL})$	C
CSR_bcmunue	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_L b_R)(\bar{\mu}_R\nu_{eL})$	C
CSL_bcmunue	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R b_L)(\bar{\mu}_R\nu_{eL})$	C
CT_bcmunue	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R\sigma^{\mu\nu} b_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{eL})$	C
CVL_bcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_L\gamma^\mu b_L)(\bar{\mu}_L\gamma_\mu\nu_{\mu L})$	C
CVR_bcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R\gamma^\mu b_R)(\bar{\mu}_L\gamma_\mu\nu_{\mu L})$	C
CSR_bcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_L b_R)(\bar{\mu}_R\nu_{\mu L})$	C
CSL_bcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R b_L)(\bar{\mu}_R\nu_{\mu L})$	C
CT_bcmunumu	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R\sigma^{\mu\nu} b_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{\mu L})$	C
CVL_bcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_L\gamma^\mu b_L)(\bar{\mu}_L\gamma_\mu\nu_{\tau L})$	C
CVR_bcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R\gamma^\mu b_R)(\bar{\mu}_L\gamma_\mu\nu_{\tau L})$	C
CSR_bcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_L b_R)(\bar{\mu}_R\nu_{\tau L})$	C
CSL_bcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R b_L)(\bar{\mu}_R\nu_{\tau L})$	C
CT_bcmunutau	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R\sigma^{\mu\nu} b_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{\tau L})$	C

ubmunu

WC name	Operator	Type
CVL_bumunue	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L\gamma^\mu b_L)(\bar{\mu}_L\gamma_\mu\nu_{eL})$	C
CVR_bumunue	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R\gamma^\mu b_R)(\bar{\mu}_L\gamma_\mu\nu_{eL})$	C
CSR_bumunue	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L b_R)(\bar{\mu}_R\nu_{eL})$	C
CSL_bumunue	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R b_L)(\bar{\mu}_R\nu_{eL})$	C
CT_bumunue	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R\sigma^{\mu\nu} b_L)(\bar{\mu}_R\sigma_{\mu\nu}\nu_{eL})$	C
CVL_bumunumu	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L\gamma^\mu b_L)(\bar{\mu}_L\gamma_\mu\nu_{\mu L})$	C
CVR_bumunumu	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R\gamma^\mu b_R)(\bar{\mu}_L\gamma_\mu\nu_{\mu L})$	C

WC name	Operator	Type
`CSR_bumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L b_R)(\bar{\mu}_R \nu_{\mu L})$	C
`CSL_bumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R b_L)(\bar{\mu}_R \nu_{\mu L})$	C
`CT_bumunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R \sigma^{\mu\nu} b_L)(\bar{\mu}_R \sigma_{\mu\nu} \nu_{\mu L})$	C
`CVL_bumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L \gamma^{\mu} b_L)(\bar{\mu}_L \gamma_{\mu} \nu_{\tau L})$	C
`CVR_bumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R \gamma^{\mu} b_R)(\bar{\mu}_L \gamma_{\mu} \nu_{\tau L})$	C
`CSR_bumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L b_R)(\bar{\mu}_R \nu_{\tau L})$	C
`CSL_bumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R b_L)(\bar{\mu}_R \nu_{\tau L})$	C
`CT_bumunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R \sigma^{\mu\nu} b_L)(\bar{\mu}_R \sigma_{\mu\nu} \nu_{\tau L})$	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
`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

`cbtaunu`

WC name	Operator	Type
`CVL_bctaunue`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_L \gamma^{\mu} b_L)(\bar{\tau}_L \gamma_{\mu} \nu_{eL})$	C
`CVR_bctaunue`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R \gamma^{\mu} b_R)(\bar{\tau}_L \gamma_{\mu} \nu_{eL})$	C
`CSR_bctaunue`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_L b_R)(\bar{\tau}_R \nu_{eL})$	C
`CSL_bctaunue`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R b_L)(\bar{\tau}_R \nu_{eL})$	C

WC name	Operator	Type
`CT_bctaunue`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R\sigma^{\mu\nu}b_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{eL})$	C
`CVL_bctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_L\gamma^{\mu}b_L)(\bar{\tau}_L\gamma_{\mu}\nu_{\mu L})$	C
`CVR_bctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R\gamma^{\mu}b_R)(\bar{\tau}_L\gamma_{\mu}\nu_{\mu L})$	C
`CSR_bctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_Lb_R)(\bar{\tau}_R\nu_{\mu L})$	C
`CSL_bctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_Rb_L)(\bar{\tau}_R\nu_{\mu L})$	C
`CT_bctaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R\sigma^{\mu\nu}b_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\mu L})$	C
`CVL_bctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_L\gamma^{\mu}b_L)(\bar{\tau}_L\gamma_{\mu}\nu_{\tau L})$	C
`CVR_bctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R\gamma^{\mu}b_R)(\bar{\tau}_L\gamma_{\mu}\nu_{\tau L})$	C
`CSR_bctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_Lb_R)(\bar{\tau}_R\nu_{\tau L})$	C
`CSL_bctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_Rb_L)(\bar{\tau}_R\nu_{\tau L})$	C
`CT_bctaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{cb}(\bar{c}_R\sigma^{\mu\nu}b_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\tau L})$	C

`ubtaunu`

WC name	Operator	Type
`CVL_butaunue`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L\gamma^{\mu}b_L)(\bar{\tau}_L\gamma_{\mu}\nu_{eL})$	C
`CVR_butaunue`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R\gamma^{\mu}b_R)(\bar{\tau}_L\gamma_{\mu}\nu_{eL})$	C
`CSR_butaunue`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_Lb_R)(\bar{\tau}_R\nu_{eL})$	C
`CSL_butaunue`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_Rb_L)(\bar{\tau}_R\nu_{eL})$	C
`CT_butaunue`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R\sigma^{\mu\nu}b_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{eL})$	C
`CVL_butaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L\gamma^{\mu}b_L)(\bar{\tau}_L\gamma_{\mu}\nu_{\mu L})$	C
`CVR_butaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R\gamma^{\mu}b_R)(\bar{\tau}_L\gamma_{\mu}\nu_{\mu L})$	C
`CSR_butaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_Lb_R)(\bar{\tau}_R\nu_{\mu L})$	C
`CSL_butaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_Rb_L)(\bar{\tau}_R\nu_{\mu L})$	C
`CT_butaunumu`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R\sigma^{\mu\nu}b_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\mu L})$	C
`CVL_butaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_L\gamma^{\mu}b_L)(\bar{\tau}_L\gamma_{\mu}\nu_{\tau L})$	C
`CVR_butaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R\gamma^{\mu}b_R)(\bar{\tau}_L\gamma_{\mu}\nu_{\tau L})$	C
`CSR_butaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_Lb_R)(\bar{\tau}_R\nu_{\tau L})$	C
`CSL_butaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_Rb_L)(\bar{\tau}_R\nu_{\tau L})$	C
`CT_butaunutau`	$-\frac{4G_F}{\sqrt{2}}V_{ub}(\bar{u}_R\sigma^{\mu\nu}b_L)(\bar{\tau}_R\sigma_{\mu\nu}\nu_{\tau L})$	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

WC name	Operator	Type
`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