Basis AFGV (EFT WET)

Basis suggested by Aebischer, Fael, Grueb, and Virto (arXiv:1704.06639). Neutrinos are in the flavor basis.

Sectors

sbsb

WC name	Operator	Type
1sbsb	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}\gamma_{\mu}P_Lb)(\bar{s}\gamma^{\mu}P_Lb)}{\frac{4G_F}{\sqrt{2}}(\bar{s}_{\alpha}P_Lb_{\beta})(\bar{s}_{\beta}P_Rb_{\alpha})}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{s}P_Lb)}{\frac{4G_F}{\sqrt{2}}(\bar{s}\gamma_{\mu}P_Rb)(\bar{s}\gamma^{\mu}P_Rb)}$	
5sbsb	$rac{4ar{G_F}}{\sqrt{2}}(ar{s}_lpha P_L b_eta)(ar{s}_eta P_R b_lpha)$	\mathbf{C}
2sbsb	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{s}P_Lb)$	\mathbf{C}
1psbsb	$rac{4reve{Q}_F^{-}}{\sqrt{2}}(ar{s}\gamma_{\mu}P_Rb)(ar{s}\gamma^{\mu}P_Rb)$	\mathbf{C}
3sbsb	$rac{4\overset{f Y_{C}}{\sqrt{2}}}{\sqrt{2}}(ar{s}_{lpha}P_{L}b_{eta})(ar{s}_{eta}P_{L}b_{lpha})$	\mathbf{C}
2psbsb	$\frac{4\check{G}_{\overline{F}}}{\bar{G}}(\bar{s}P_{P}b)(\bar{s}P_{P}b)$	\mathbf{C}
4sbsb	$\frac{\sqrt{2}}{\sqrt{2}}(\bar{s}P_Lb)(\bar{s}P_Rb)$	\mathbf{C}
3psbsb	$rac{4reve{G_F}}{\sqrt{2}}(ar{s}_lpha P_R b_eta)(ar{s}_eta P_R b_lpha)$	$^{\mathrm{C}}$

dbdb

WC name	Operator	Type
1dbdb	$\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_\mu P_L b)(\bar{d}\gamma^\mu P_L b)$	C
5dbdb	$rac{4G_F}{\sqrt{2}}(ar{d}\gamma_\mu P_L b)(ar{d}\gamma^\mu P_L b) \ rac{4G_F}{\sqrt{2}}(ar{d}_lpha P_L b_eta)(ar{d}_eta P_R b_lpha)$	$^{\mathrm{C}}$
2dbdb	$rac{4rac{Q}F}{\sqrt{2}}(ar{d}P_Lb)(ar{d}P_Lb)$	\mathbf{C}
1pdbdb	$\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_\mu P_R b)(\bar{d}\gamma^\mu P_R b)$	\mathbf{C}
3dbdb	$\frac{4\ddot{G}_F}{\sqrt{2}}(\bar{d}_{lpha}P_Lb_{eta})(\bar{d}_{eta}P_Lb_{lpha})$	\mathbf{C}
2pdbdb	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{d}P_Rb)$	\mathbf{C}
4dbdb	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}_{\alpha}P_Lb_{\beta})(\bar{d}_{\beta}P_Lb_{\alpha})}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{d}P_Rb)}$ $\frac{4G_F}{\sqrt{2}}(\bar{d}P_Lb)(\bar{d}P_Rb)$	\mathbf{C}
3pdbdb	$rac{4 \check{G}_F^2}{\sqrt{2}} (ar{d}_lpha P_R b_eta) (ar{d}_eta P_R b_lpha)$	\mathbf{C}

${\tt ubenu}$

WC name	Operator	Type
1ubee	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R\gamma^{\mu}b)(\bar{e}\gamma_{\mu}\nu_e)$	С
5ubee	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_Rb)(\bar{e} u_e)$	\mathbf{C}

WC name	Operator	Type
1pubee	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\gamma^{\mu}b)(\bar{e}\gamma_{\mu}\nu_e)$	C
5pubee	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_Lb)(\bar{e}\nu_e)$	\mathbf{C}
7pubee	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\nu_e)$	\mathbf{C}
1ubemu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_R\gamma^{\mu}b)(\bar{e}\gamma_{\mu}\nu_{\mu})$	\mathbf{C}
5ubemu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_Rb)(\bar{e} u_\mu)$	\mathbf{C}
1pubemu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu b)(\bar{e}\gamma_\mu u_\mu)$	\mathbf{C}
5pubemu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_Lb)(\bar{e} u_\mu)$	$^{\mathrm{C}}$
7pubemu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\nu_{\mu})$	$^{\mathrm{C}}$
1ubetau	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{u}P_R\gamma^\mu b)(\bar{e}\gamma_\mu \nu_ au)$	\mathbf{C}
5ubetau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_Rb)(\bar{e}\nu_{\tau})$	\mathbf{C}
1pubetau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu b)(\bar{e}\gamma_\mu u_ au)$	\mathbf{C}
5pubetau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_Lb)(\bar{e}\nu_{\tau})$	$^{\mathrm{C}}$
7pubetau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\nu_{\tau})$	С

ubmunu

WC name	Operator	Type
1ubmue	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R\gamma^\mu b)(\bar{\mu}\gamma_\mu\nu_e)$	С
5ubmue	$\frac{4\overset{AG_F}{\sqrt{2}}}{\sqrt{2}}(\bar{u}P_Rb)(\bar{\mu}\nu_e)$	\mathbf{C}
1pubmue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu b)(\bar{\mu}\gamma_\mu u_e)$	\mathbf{C}
5pubmue	$\frac{4\tilde{Q}_F}{\sqrt{2}}(\bar{u}P_Lb)(\bar{\mu}\nu_e)$	\mathbf{C}
7pubmue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}\nu_e)$	$^{\mathrm{C}}$
1ubmumu	$rac{4rac{Q}F}{\sqrt{2}}(ar{u}P_R\gamma^\mu b)(ar{\mu}\gamma_\mu u_\mu)$	\mathbf{C}
5ubmumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_Rb)(\bar{\mu} u_\mu)$	\mathbf{C}
1pubmumu	$rac{4reve{G_F}}{\sqrt{2}}(ar{u}P_L\gamma^\mu b)(ar{\mu}\gamma_\mu u_\mu)$	$^{\mathrm{C}}$
5pubmumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_Lb)(\bar{\mu}\nu_{\mu})$	\mathbf{C}
7pubmumu	$\frac{4 \stackrel{GF}{\mathcal{F}}}{\sqrt{2}} (\bar{u} P_L \sigma^{\mu u} b) (\bar{\mu} \sigma_{\mu u} u_{\mu})$	\mathbf{C}
1ubmutau	$\frac{4 \stackrel{\zeta G_F}{\sqrt{2}}}{\sqrt{2}} (\bar{u} P_R \gamma^{\mu} b) (\bar{\mu} \gamma_{\mu} \nu_{ au})$	\mathbf{C}
5ubmutau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_Rb)(\bar{\mu}\nu_{ au})$	\mathbf{C}
1pubmutau	$rac{4\overset{Q^{-}}{G_{F}}}{\sqrt{2}}(ar{u}P_{L}\gamma^{\mu}b)(ar{\mu}\gamma_{\mu} u_{ au})$	\mathbf{C}
5pubmutau	$\frac{4\overset{Q^{r}}{G_{F}}}{\sqrt{2}}(\bar{u}P_{L}b)(\bar{\mu} u_{ au})$	\mathbf{C}
7pubmutau	$rac{4 \overset{\sim}{N_F}}{\sqrt{2}} (ar{u} P_L \sigma^{\mu u} b) (ar{\mu} \sigma_{\mu u} u_ au)$	$^{\mathrm{C}}$

ubtaunu

WC name	Operator	Type
1ubtaue	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R\gamma^{\mu}b)(\bar{\tau}\gamma_{\mu}\nu_e)$	C
5ubtaue	$\frac{4\widetilde{G}_F}{\sqrt{2}}(\bar{u}P_Rb)(\bar{\tau}\nu_e)$	\mathbf{C}
1pubtaue	$\frac{4\ddot{G}_F}{\sqrt{2}}(\bar{u}P_L\gamma^{\mu}b)(\bar{\tau}\gamma_{\mu}\nu_e)$	\mathbf{C}
5pubtaue	$\frac{4\widetilde{G}_F}{\sqrt{2}}(\bar{u}P_Lb)(\bar{\tau}\nu_e)$	\mathbf{C}
7pubtaue	$\frac{4\widetilde{G}_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\nu_e)$	$^{\mathrm{C}}$
1ubtaumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_R\gamma^{\mu}b)(\bar{\tau}\gamma_{\mu}\nu_{\mu})$	\mathbf{C}
5ubtaumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_Rb)(\bar{ au} u_\mu)$	\mathbf{C}
1pubtaumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu b)(\bar{\tau}\gamma_\mu u_\mu)$	$^{\mathrm{C}}$
5pubtaumu	$rac{4\widetilde{G_F}}{\sqrt{2}}(ar{u}P_Lb)(ar{ au} u_\mu)$	$^{\mathrm{C}}$
7pubtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\nu_{\mu})$	\mathbf{C}
1ubtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_R\gamma^{\mu}b)(\bar{\tau}\gamma_{\mu}\nu_{ au})$	\mathbf{C}
5ubtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_Rb)(\bar{\tau} u_{ au})$	\mathbf{C}
1pubtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu b)(\bar{\tau}\gamma_\mu u_ au)$	\mathbf{C}
5pubtautau	$\frac{4\widetilde{G_F}}{\sqrt{2}}(\bar{u}P_Lb)(\bar{\tau} u_{ au})$	$^{\mathrm{C}}$
7pubtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\nu_\tau)$	С

${\tt cbenu}$

WC name	Operator	Type
1cbee	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^{\mu}b)(\bar{e}\gamma_{\mu}\nu_e)$	C
5cbee	$\frac{4\tilde{G}_F^2}{\sqrt{2}}(\bar{c}P_Rb)(\bar{e}\nu_e)$	$^{\mathrm{C}}$
1pcbee	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_L\gamma^{\mu}b)(\bar{e}\gamma_{\mu}\nu_e)$	\mathbf{C}
5pcbee	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_Lb)(\bar{e}\nu_e)$	$^{\mathrm{C}}$
7pcbee	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\nu_e)$	\mathbf{C}
1cbemu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^{\mu}b)(\bar{e}\gamma_{\mu}\nu_{\mu})$	\mathbf{C}
5cbemu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Rb)(\bar{e}\nu_\mu)$	\mathbf{C}
1pcbemu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\gamma^{\mu}b)(\bar{e}\gamma_{\mu}\nu_{\mu})$	\mathbf{C}
5pcbemu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Lb)(\bar{e}\nu_\mu)$	\mathbf{C}
7pcbemu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\nu_{\mu})$	\mathbf{C}
1cbetau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^{\mu}b)(\bar{e}\gamma_{\mu}\nu_{\tau})$	\mathbf{C}
5cbetau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Rb)(\bar{e}\nu_{\tau})$	\mathbf{C}
1pcbetau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\gamma^{\mu}b)(\bar{e}\gamma_{\mu}\nu_{\tau})$	\mathbf{C}
5pcbetau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Lb)(\bar{e}\nu_{\tau})$	$^{\mathrm{C}}$
7pcbetau	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu} u_ au)$	C

cbmunu

WC name	Operator	Type
1cbmue	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^{\mu}b)(\bar{\mu}\gamma_{\mu}\nu_e)$	\overline{C}
5cbmue	$\frac{4\tilde{Q}_F}{\sqrt{2}}(\bar{c}P_Rb)(\bar{\mu}\nu_e)$	$^{\mathrm{C}}$
1pcbmue	$\frac{4 \tilde{G}_F}{\sqrt{2}} (\bar{c} P_L \gamma^\mu b) (\bar{\mu} \gamma_\mu \nu_e)$	$^{\mathrm{C}}$
5pcbmue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_Lb)(\bar{\mu}\nu_e)$	$^{\mathrm{C}}$
7pcbmue	$\frac{4 \tilde{G}_F}{\sqrt{2}} (\bar{c} P_L \sigma^{\mu\nu} b) (\bar{\mu} \sigma_{\mu\nu} \nu_e)$	\mathbf{C}
1cbmumu	$\frac{4 \tilde{G}_F}{\sqrt{2}} (\bar{c} P_R \gamma^\mu b) (\bar{\mu} \gamma_\mu \nu_\mu)$	\mathbf{C}
5cbmumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_Rb)(\bar{\mu}\nu_{\mu})$	$^{\mathrm{C}}$
1pcbmumu	$\frac{4 \tilde{G}_F}{\sqrt{2}} (\bar{c} P_L \gamma^\mu b) (\bar{\mu} \gamma_\mu \nu_\mu)$	\mathbf{C}
5pcbmumu	$\frac{4\tilde{G}_F^2}{\sqrt{2}}(\bar{c}P_Lb)(\bar{\mu}\nu_{\mu})$	$^{\mathrm{C}}$
7pcbmumu	$\frac{4 \tilde{G}_F}{\sqrt{2}} (\bar{c} P_L \sigma^{\mu\nu} b) (\bar{\mu} \sigma_{\mu\nu} \nu_\mu)$	$^{\mathrm{C}}$
1cbmutau	$\frac{4\tilde{Q}_F}{\sqrt{2}}(\bar{c}P_R\gamma^\mu b)(\bar{\mu}\gamma_\mu u_ au)$	$^{\mathrm{C}}$
5cbmutau	$\frac{4\tilde{Q}_F}{\sqrt{2}}(\bar{c}P_Rb)(\bar{\mu}\nu_{ au})$	\mathbf{C}
1pcbmutau	$\frac{4\tilde{Q}_F}{\sqrt{2}}(\bar{c}P_L\gamma^\mu b)(\bar{\mu}\gamma_\mu u_ au)$	\mathbf{C}
5pcbmutau	$\frac{4\overset{C}{G_F}}{\sqrt{2}}(\bar{c}P_Lb)(\bar{\mu} u_{ au})$	\mathbf{C}
7pcbmutau	$\frac{4G_F^2}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}\nu_{\tau})$	С

${\tt cbtaunu}$

WC name	Operator	Type
1cbtaue	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^{\mu}b)(\bar{\tau}\gamma_{\mu}\nu_e)$	$\overline{\mathbf{C}}$
5cbtaue	$\frac{4\widetilde{G}_F}{\sqrt{2}}(\bar{c}P_Rb)(\bar{\tau}\nu_e)$	$^{\mathrm{C}}$
1pcbtaue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_L\gamma^{\mu}b)(\bar{\tau}\gamma_{\mu}\nu_e)$	\mathbf{C}
5pcbtaue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_Lb)(\bar{\tau}\nu_e)$	\mathbf{C}
7pcbtaue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\nu_e)$	\mathbf{C}
1cbtaumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_R\gamma^\mu b)(\bar{\tau}\gamma_\mu\nu_\mu)$	\mathbf{C}
5cbtaumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_Rb)(\bar{\tau} u_\mu)$	\mathbf{C}
1pcbtaumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_L\gamma^\mu b)(\bar{\tau}\gamma_\mu\nu_\mu)$	\mathbf{C}
5pcbtaumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_Lb)(\bar{\tau} u_\mu)$	\mathbf{C}
7pcbtaumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\nu_{\mu})$	\mathbf{C}
1cbtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_R\gamma^\mu b)(\bar{\tau}\gamma_\mu u_ au)$	\mathbf{C}
5cbtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{c}P_Rb)(\bar{\tau} u_{ au})$	\mathbf{C}
1pcbtautau	$rac{4\widetilde{G}_F^2}{\sqrt{2}}(ar{c}P_L\gamma^\mu b)(ar{ au}\gamma_\mu u_ au)$	\mathbf{C}
5pcbtautau	$\frac{4\widetilde{Q}_F^2}{\sqrt{2}}(\bar{c}P_Lb)(\bar{ au} u_ au)$	\mathbf{C}
7pcbtautau	$\frac{4\overleftarrow{\delta}_F^{\sigma}}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\nu_{ au})$	$^{\mathrm{C}}$

sbuc

WC name	Operator	Type
1sbuc	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{u}\gamma^\mu c)$	C
2sbuc	$\frac{4\overleftarrow{Q_F}}{\sqrt{2}}(\bar{s}P_R\gamma_\mu T^A b)(\bar{u}\gamma^\mu T^A c)$	\mathbf{C}
3sbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{u}\gamma^{\mu\nu\rho}c)$	$^{\mathrm{C}}$
4sbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{u}\gamma^{\mu\nu\rho}T^Ac)$	$^{\mathrm{C}}$
5sbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{u}c)$	$^{\mathrm{C}}$
6sbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_RT^Ab)(\bar{u}T^Ac)$	$^{\mathrm{C}}$
7sbuc	$\frac{4\widetilde{G_F}}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{u}\sigma_{\mu\nu}c)$	$^{\mathrm{C}}$
8sbuc	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}T^Ab)(\bar{u}\sigma_{\mu\nu}T^Ac)$	$^{\mathrm{C}}$
9sbuc	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{u}\gamma^{\mu\nu\rho\sigma}c)$	$^{\mathrm{C}}$
10sbuc	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{u}\gamma^{\mu\nu\rho\sigma}T^Ac)$	$^{\mathrm{C}}$
1psbuc	$\frac{4\tilde{Q}_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{u}\gamma^\mu c)$	$^{\mathrm{C}}$
2psbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu T^A b)(\bar{u}\gamma^\mu T^A c)$	$^{\mathrm{C}}$
3psbuc	$\frac{4\check{G_F}}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{u}\gamma^{\mu\nu\rho}c)$	$^{\mathrm{C}}$
4psbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}T^Ab)(\bar{u}\gamma^{\mu\nu\rho}T^Ac)$	$^{\mathrm{C}}$
5psbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{u}c)$	$^{\mathrm{C}}$
6psbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_LT^Ab)(\bar{u}T^Ac)$	$^{\mathrm{C}}$
7psbuc	$\frac{4\widetilde{G_F}}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{u}\sigma_{\mu\nu}c)$	$^{\mathrm{C}}$
8psbuc	$\frac{4G_F^2}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}T^Ab)(\bar{u}\sigma_{\mu\nu}T^Ac)$	\mathbf{C}
9psbuc	$\frac{4G_F^{\sigma}}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{u}\gamma^{\mu\nu\rho\sigma}c)$	\mathbf{C}
10psbuc	$\frac{4\tilde{\zeta}_{F}^{\sigma}}{\sqrt{2}}(\bar{s}P_{L}\gamma_{\mu\nu\rho\sigma}T^{A}b)(\bar{u}\gamma^{\mu\nu\rho\sigma}T^{A}c)$	\mathbf{C}

sbcu

WC name	Operator	Type
1sbcu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{c}\gamma^\mu u)$	С
2sbcu	$rac{4G_F}{\sqrt{2}}(ar{s}P_R\gamma_\mu b)(ar{c}\gamma^\mu u) \ rac{4G_F}{\sqrt{2}}(ar{s}P_R\gamma_\mu T^A b)(ar{c}\gamma^\mu T^A u)$	\mathbf{C}
3sbcu	$\frac{4G_F}{\overline{c}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{c}\gamma^{\mu\nu\rho}u)$	$^{\mathrm{C}}$
4sbcu	$\frac{\sqrt{2}}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{c}\gamma^{\mu\nu\rho}T^Au)$	\mathbf{C}
5sbcu	$\frac{4\check{G}_F^c}{\sqrt{2}}(\bar{s}P_Rb)(\bar{c}u)$	\mathbf{C}
6sbcu	$\frac{4\check{G}_F^c}{\sqrt{2}}(\bar{s}P_RT^Ab)(\bar{c}T^Au)$	\mathbf{C}
7sbcu	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{c}\sigma_{\mu\nu}u)$	$^{\mathrm{C}}$
8sbcu	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}T^Ab)(\bar{c}\sigma_{\mu\nu}T^Au)$	$^{\mathrm{C}}$
9sbcu	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{c}\gamma^{\mu\nu\rho\sigma}u)$	\mathbf{C}
10sbcu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}T^Ab)(\bar{c}\sigma_{\mu\nu}T^Au)$ $\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{c}\gamma^{\mu\nu\rho\sigma}u)$ $\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Au)$	\mathbf{C}

WC name	Operator	Type
1psbcu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{c}\gamma^\mu u)$	С
2psbcu	$\frac{\frac{4G_F^2}{\sqrt{2}}}{\sqrt{2}}(\bar{s}P_L\gamma_\mu T^A b)(\bar{c}\gamma^\mu T^A u)$ $\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{c}\gamma^{\mu\nu\rho}u)$	$^{\mathrm{C}}$
3psbcu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{c}\gamma^{\mu\nu\rho}u)$	$^{\mathrm{C}}$
4psbcu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}T^Ab)(\bar{c}\gamma^{\mu\nu\rho}T^Au)$	$^{\mathrm{C}}$
5psbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{c}u)$	$^{\mathrm{C}}$
6psbcu	$\frac{4\breve{G}_F}{\sqrt{2}}(\bar{s}P_LT^Ab)(\bar{c}T^Au)$	\mathbf{C}
7psbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{c}\sigma_{\mu\nu}u)$	$^{\mathrm{C}}$
8psbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}T^Ab)(\bar{c}\sigma_{\mu\nu}T^Au)$	$^{\mathrm{C}}$
9psbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{c}\gamma^{\mu\nu\rho\sigma}u)$	$^{\mathrm{C}}$
10psbcu	$\frac{\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{c}\gamma^{\mu\nu\rho\sigma}u)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Au)}$	С

${\tt dbuc}$

WC name	Operator	Type
1dbuc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{u}\gamma^\mu c)$	C
2dbuc	$\frac{4\tilde{Q}_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu T^A b)(\bar{u}\gamma^\mu T^A c)$	\mathbf{C}
3dbuc	$\frac{4\tilde{Q}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{u}\gamma^{\mu\nu\rho}c)$	\mathbf{C}
4dbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{u}\gamma^{\mu\nu\rho}T^Ac)$	$^{\mathrm{C}}$
5dbuc	$\frac{4\overleftarrow{Q_F}}{\sqrt{2}}(\bar{d}P_Rb)(\bar{u}c)$	$^{\mathrm{C}}$
6dbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_RT^Ab)(\bar{u}T^Ac)$	\mathbf{C}
7dbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{u}\sigma_{\mu\nu}c)$	\mathbf{C}
8dbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}T^Ab)(\bar{u}\sigma_{\mu\nu}T^Ac)$	\mathbf{C}
9dbuc	$\frac{4 \stackrel{G^{F}}{\sqrt{2}}}{\sqrt{2}} (\bar{d} P_{R} \gamma_{\mu\nu\rho\sigma} b) (\bar{u} \gamma^{\mu\nu\rho\sigma} c)$	\mathbf{C}
10dbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{u}\gamma^{\mu\nu\rho\sigma}T^Ac)$	\mathbf{C}
1pdbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{u}\gamma^\mu c)$	$^{\mathrm{C}}$
2pdbuc	$\frac{4\overleftarrow{G_F}}{\sqrt{2}}(\bar{d}P_L\gamma_\mu T^A b)(\bar{u}\gamma^\mu T^A c)$	$^{\mathrm{C}}$
3pdbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{u}\gamma^{\mu\nu\rho}c)$	$^{\mathrm{C}}$
4pdbuc	$\frac{4\overleftarrow{G_F}}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}T^Ab)(\bar{u}\gamma^{\mu\nu\rho}T^Ac)$	$^{\mathrm{C}}$
5pdbuc	$\frac{4 \overleftarrow{G_F}}{\sqrt{2}} (\bar{d}P_L b) (\bar{u}c)$	$^{\mathrm{C}}$
6pdbuc	$\frac{4\overline{G_F}}{\sqrt{2}}(\bar{d}P_LT^Ab)(\bar{u}T^Ac)$	$^{\mathrm{C}}$
7pdbuc	$rac{4 \overleftarrow{Q_F}}{\sqrt{2}} (ar{d} P_L \sigma^{\mu u} b) (ar{u} \sigma_{\mu u} c)$	\mathbf{C}
8pdbuc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}T^Ab)(\bar{u}\sigma_{\mu\nu}T^Ac)$	$^{\mathrm{C}}$
9pdbuc	$\frac{4\tilde{Q}_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{u}\gamma^{\mu\nu\rho\sigma}c)$	\mathbf{C}
10pdbuc	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{u}\gamma^{\mu\nu\rho\sigma}T^Ac)$	\mathbf{C}

dbcu

WC name	Operator	Type
1dbcu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{c}\gamma^\mu u)$	\overline{C}
2dbcu	$\frac{4\tilde{G}_{F}^{\sigma}}{\sqrt{2}}(\bar{d}P_{R}\gamma_{\mu}T^{A}b)(\bar{c}\gamma^{\mu}T^{A}u)$	$^{\mathrm{C}}$
3dbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{c}\gamma^{\mu\nu\rho}u)$	\mathbf{C}
4dbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{c}\gamma^{\mu\nu\rho}T^Au)$	\mathbf{C}
5dbcu	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{d}P_Rb)(\bar{c}u)$	\mathbf{C}
6dbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_RT^Ab)(\bar{c}T^Au)$	\mathbf{C}
7dbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{c}\sigma_{\mu\nu}u)$	\mathbf{C}
8dbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}T^Ab)(\bar{c}\sigma_{\mu\nu}T^Au)$	\mathbf{C}
9dbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{c}\gamma^{\mu\nu\rho\sigma}u)$	\mathbf{C}
10dbcu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Au)$	\mathbf{C}
1pdbcu	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{c}\gamma^\mu u)$	\mathbf{C}
2pdbcu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu T^A b)(\bar{c}\gamma^\mu T^A u)$	\mathbf{C}
3pdbcu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{c}\gamma^{\mu\nu\rho}u)$	\mathbf{C}
4pdbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}T^Ab)(\bar{c}\gamma^{\mu\nu\rho}T^Au)$	\mathbf{C}
5pdbcu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_Lb)(\bar{c}u)$	\mathbf{C}
6pdbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_LT^Ab)(\bar{c}T^Au)$	\mathbf{C}
7pdbcu	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{c}\sigma_{\mu\nu}u)$	\mathbf{C}
8pdbcu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}T^Ab)(\bar{c}\sigma_{\mu\nu}T^Au)$	\mathbf{C}
9pdbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{c}\gamma^{\mu\nu\rho\sigma}u)$	\mathbf{C}
10pdbcu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Au)$	С

sbsd

WC name	Operator	Type
1sbsd	$\frac{4G_F}{\sqrt{2}}(\bar{s}\gamma_\mu P_L b)(\bar{s}\gamma^\mu d)$	С
1psbsd	$\frac{\frac{1}{\sqrt{2}}(s\gamma_{\mu}\Gamma_{L}b)(s\gamma^{\mu}d)}{\frac{4G_{F}}{\sqrt{2}}(\bar{s}\gamma_{\mu}P_{R}b)(\bar{s}\gamma^{\mu}d)}$ $\frac{4G_{F}}{\sqrt{2}}(\bar{s}\gamma_{\mu\nu\rho}P_{L}b)(\bar{s}\gamma^{\mu\nu\rho}d)$	$^{\mathrm{C}}$
3sbsd	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}d)$	$^{\mathrm{C}}$
3psbsd	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}d)$	$^{\mathrm{C}}$
5sbsd	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{s}d)$	$^{\mathrm{C}}$
5psbsd	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{s}d)$	$^{\mathrm{C}}$
7sbsd	$\frac{4G_F}{\sqrt{2}}(\bar{s}\sigma^{\mu\nu}P_Lb)(\bar{s}\sigma_{\mu\nu}d)$	$^{\mathrm{C}}$
7psbsd	$\frac{4\overset{Q^2}{G_F}}{\sqrt{2}}(ar{s}\sigma^{\mu\nu}P_Rb)(ar{s}\sigma_{\mu\nu}d)$	\mathbf{C}
9sbsd	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}\gamma_{\mu\nu\rho\sigma}P_Lb)(\bar{s}\gamma^{\mu\nu\rho\sigma}d)$	$^{\mathrm{C}}$
9psbsd	$ \frac{\frac{4\dot{G}_{F}^{F}}{\sqrt{2}}(\bar{s}\sigma^{\mu\nu}P_{R}b)(\bar{s}\sigma_{\mu\nu}d)}{\frac{4G_{F}}{\sqrt{2}}(\bar{s}\gamma_{\mu\nu\rho\sigma}P_{L}b)(\bar{s}\gamma^{\mu\nu\rho\sigma}d)} \\ \frac{4G_{F}}{\sqrt{2}}(\bar{s}\gamma_{\mu\nu\rho\sigma}P_{R}b)(\bar{s}\gamma^{\mu\nu\rho\sigma}d) $	\mathbf{C}

dbds

WC name	Operator	Type
1dbds	$\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_\mu P_L b)(\bar{d}\gamma^\mu s)$	C
1pdbds	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{d}\gamma_\mu P_R b)(\bar{d}\gamma^\mu s)$	\mathbf{C}
3dbds	$\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{d}\gamma^{\mu\nu\rho}s)$	\mathbf{C}
3pdbds	$\frac{4Q_F^2}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{d}\gamma^{\mu\nu\rho}s)$	\mathbf{C}
5dbds	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_Lb)(\bar{d}s)$	\mathbf{C}
5pdbds	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{d}s)$	\mathbf{C}
7dbds	$\frac{4G_F}{\sqrt{2}}(\bar{d}\sigma^{\mu\nu}P_Lb)(\bar{d}\sigma_{\mu\nu}s)$	\mathbf{C}
7pdbds	$\frac{4\ddot{G_F}}{\sqrt{2}}(ar{d}\sigma^{\mu u}P_Rb)(ar{d}\sigma_{\mu u}s)$	\mathbf{C}
9dbds	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho\sigma}P_Lb)(\bar{d}\gamma^{\mu\nu\rho\sigma}s)$	\mathbf{C}
9pdbds	$\frac{{}^{4}\!$	С

sb

WC name	Operator	Type
7gammas	$\frac{4G_F}{\sqrt{2}}\frac{e}{g^2}m_b(\bar{s}P_R\sigma_{\mu\nu}b)F^{\mu\nu}$	$\overline{\mathbf{C}}$
8gs	$\frac{4\overset{5}{G_F}}{\sqrt{2}}\frac{\overset{3}{g_s}}{g_s}m_b(\bar{s}P_R\sigma_{\mu\nu}T^Ab)G_A^{\mu\nu}$	$^{\mathrm{C}}$
7pgammas	$\frac{4G_F}{\sqrt{2}}\frac{e}{a^2}m_b(\bar{s}P_L\sigma_{\mu\nu}b)F^{\mu\nu}$	$^{\mathrm{C}}$
8pgs	$\frac{4\overset{Q}{G_F}}{\sqrt{2}}\frac{\overset{3_s}{q_s}}{q_s}m_b(\bar{s}P_L\sigma_{\mu\nu}T^Ab)G_A^{\mu\nu}$	$^{\mathrm{C}}$
1sbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{u}\gamma^\mu u)$	$^{\mathrm{C}}$
2sbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu T^A b)(\bar{u}\gamma^\mu T^A u)$	\mathbf{C}
3sbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{u}\gamma^{\mu\nu\rho}u)$	\mathbf{C}
4sbuu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{u}\gamma^{\mu\nu\rho}T^Au)$	\mathbf{C}
5sbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{u}u)$	$^{\mathrm{C}}$
6sbuu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_RT^Ab)(\bar{u}T^Au)$	$^{\mathrm{C}}$
7sbuu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{u}\sigma_{\mu\nu}u)$	\mathbf{C}
8sbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}T^Ab)(\bar{u}\sigma_{\mu\nu}T^Au)$	\mathbf{C}
9sbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{u}\gamma^{\mu\nu\rho\sigma}u)$	\mathbf{C}
10sbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{u}\gamma^{\mu\nu\rho\sigma}T^Au)$	\mathbf{C}
1psbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{u}\gamma^\mu u)$	\mathbf{C}
2psbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu T^A b)(\bar{u}\gamma^\mu T^A u)$	\mathbf{C}
3psbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{u}\gamma^{\mu\nu\rho}u)$	\mathbf{C}
4psbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}T^Ab)(\bar{u}\gamma^{\mu\nu\rho}T^Au)$	\mathbf{C}
5psbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{u}u)$	\mathbf{C}
6psbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_LT^Ab)(\bar{u}T^Au)$	\mathbf{C}

WC name	Operator	Typ
7psbuu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{u}\sigma_{\mu\nu}u)$	С
8psbuu	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}T^Ab)(\bar{u}\sigma_{\mu\nu}T^Au)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{u}\gamma^{\mu\nu\rho\sigma}u)}$ $\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{u}\gamma^{\mu\nu\rho\sigma}T^Au)$	\mathbf{C}
9psbuu	$\frac{4G_F^{\sigma}}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{u}\gamma^{\mu\nu\rho\sigma}u)$	\mathbf{C}
10psbuu	$\frac{4G_F^2}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{u}\gamma^{\mu\nu\rho\sigma}T^Au)$	\mathbf{C}
1sbdd	$\frac{4G_F}{\bar{c}}(\bar{s}P_{P}\gamma_{\cdot\cdot}b)(\bar{d}\gamma^{\mu}d)$	\mathbf{C}
2sbdd	$rac{4Q_F^2}{\sqrt{2}}(ar{s}P_R\gamma_\mu T^Ab)(ar{d}\gamma^\mu T^Ad)$	\mathbf{C}
3sbdd	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu T^Ab)(\bar{d}\gamma^\mu T^Ad)$ $\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{d}\gamma^{\mu\nu\rho}d)$ $\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{d}\gamma^{\mu\nu\rho}T^Ad)$	\mathbf{C}
4sbdd	$\frac{4 \overleftarrow{G_F}}{\sqrt{2}} (\bar{s} P_R \gamma_{\mu\nu\rho} T^A b) (\bar{d} \gamma^{\mu\nu\rho} T^A d)$	\mathbf{C}
5sbdd	$rac{4reve{G_F}}{\sqrt{2}}(ar{s}P_Rb)(ar{d}d)$	\mathbf{C}
6sbdd	$\frac{4\overset{\bullet}{Q_F}}{\sqrt{2}}(\bar{s}P_RT^Ab)(\bar{d}T^Ad)$	\mathbf{C}
7sbdd	$\frac{4\tilde{G}_{F}^{2}}{(\bar{s}P_{P}\sigma^{\mu\nu}b)(\bar{d}\sigmad)}$	\mathbf{C}
8sbdd	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}T^Ab)(\bar{d}\sigma_{\mu\nu}T^Ad)$ $\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{d}\gamma^{\mu\nu\rho\sigma}d)$ $\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{d}\gamma^{\mu\nu\rho\sigma}T^Ad)$	\mathbf{C}
9sbdd	$\frac{4\overset{C}{G_F}}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{d}\gamma^{\mu\nu\rho\sigma}d)$	\mathbf{C}
10sbdd	$\frac{4\overleftarrow{Q_F}}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{d}\gamma^{\mu\nu\rho\sigma}T^Ad)$	\mathbf{C}
1psbdd	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(d\gamma^\mu d)$	\mathbf{C}
2psbdd	$\begin{array}{l} \frac{\sqrt[4]{4G_F}}{\sqrt[4]{2}}(\bar{s}P_L\gamma_\mu T^Ab)(\bar{d}\gamma^\mu T^Ad) \\ \frac{\sqrt[4]{4G_F}}{\sqrt[4]{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{d}\gamma^{\mu\nu\rho}d) \\ \frac{\sqrt[4]{4G_F}}{\sqrt[4]{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}T^Ab)(\bar{d}\gamma^{\mu\nu\rho}T^Ad) \end{array}$	\mathbf{C}
3psbdd	$\frac{4\overset{\circ}{Q_F}}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{d}\gamma^{\mu\nu\rho}d)$	\mathbf{C}
4psbdd	$\frac{4 \overleftarrow{G_F}}{\sqrt{2}} (\bar{s} P_L \gamma_{\mu\nu\rho} T^A b) (\bar{d} \gamma^{\mu\nu\rho} T^A d)$	\mathbf{C}
5psbdd	$\frac{4\ddot{G}_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{d}d)$	\mathbf{C}
6psbdd	$\frac{4\tilde{S}_F^2}{\sqrt{2}}(\bar{s}P_LT^Ab)(\bar{d}T^Ad)$	\mathbf{C}
7psbdd	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{d}\sigma_{\mu\nu}d)$	\mathbf{C}
8psbdd	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}T^Ab)(\bar{d}\sigma_{\mu\nu}T^Ad)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{d}\gamma^{\mu\nu\rho\sigma}d)}$	\mathbf{C}
9psbdd	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{d}\gamma^{\mu\nu\rho\sigma}d)$	\mathbf{C}
10psbdd	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{d}\gamma^{\mu\nu\rho\sigma}T^Ad)$	\mathbf{C}
1sbcc	$\frac{4G_F}{\sqrt{c}}(\bar{s}P_R\gamma_\mu b)(\bar{c}\gamma^\mu c)$	\mathbf{C}
2sbcc	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu T^Ab)(\bar{c}\gamma^\mu T^Ac)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{c}\gamma^{\mu\nu\rho}c)}$	\mathbf{C}
3sbcc	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{c}\gamma^{\mu\nu\rho}c)$	\mathbf{C}
4sbcc	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{c}\gamma^{\mu\nu\rho}T^Ac)$	\mathbf{C}
5sbcc	$\frac{4\bar{G_F}}{\sqrt{2}}(\bar{s}P_Rb)(\bar{c}c)$	\mathbf{C}
6sbcc	$\frac{4G_F}{(\bar{c}P_DT^Ah)(\bar{c}T^Ac)}$	\mathbf{C}
7sbcc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{c}\sigma_{\mu\nu}c)$	\mathbf{C}
8sbcc	$\frac{4\bar{G_F}}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}T^Ab)(\bar{c}\sigma_{\mu\nu}T^Ac)$	\mathbf{C}
9sbcc	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{c}\gamma^{\mu\nu\rho\sigma}c)$	\mathbf{C}
10sbcc	$\begin{array}{l} \sqrt{2} \left(\bar{s} P_R \sigma^{\mu\nu} b \right) (\bar{c} T c) \\ \frac{4G_F}{\sqrt{2}} \left(\bar{s} P_R \sigma^{\mu\nu} b \right) (\bar{c} \sigma_{\mu\nu} c) \\ \frac{4G_F}{\sqrt{2}} \left(\bar{s} P_R \sigma^{\mu\nu} T^A b \right) (\bar{c} \sigma_{\mu\nu} T^A c) \\ \frac{4G_F}{\sqrt{2}} \left(\bar{s} P_R \gamma_{\mu\nu\rho\sigma} b \right) (\bar{c} \gamma^{\mu\nu\rho\sigma} c) \\ \frac{4G_F}{\sqrt{2}} \left(\bar{s} P_R \gamma_{\mu\nu\rho\sigma} T^A b \right) (\bar{c} \gamma^{\mu\nu\rho\sigma} T^A c) \\ \frac{4G_F}{\sqrt{2}} \left(\bar{s} P_L \gamma_{\mu} b \right) (\bar{c} \gamma^{\mu} c) \\ \frac{4G_F}{\sqrt{2}} \left(\bar{s} P_L \gamma_{\mu} T^A b \right) (\bar{c} \gamma^{\mu} T^A c) \\ \frac{4G_F}{\sqrt{2}} \left(\bar{s} P_L \gamma_{\mu\nu\rho} b \right) (\bar{c} \gamma^{\mu\nu\rho} c) \end{array}$	\mathbf{C}
1psbcc	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{c}\gamma^\mu c)$	\mathbf{C}
2psbcc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu T^A b)(\bar{c}\gamma^\mu T^A c)$	\mathbf{C}
3psbcc	$\frac{4\check{G}_{F}}{\bar{c}}(\bar{s}P_{I}\gamma_{\mu\nu\rho}b)(\bar{c}\gamma^{\mu\nu\rho}c)$	$^{\mathrm{C}}$

WC name	Operator	Type
4psbcc	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}T^Ab)(\bar{c}\gamma^{\mu\nu\rho}T^Ac)$	C
5psbcc	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{c}c)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_LT^Ab)(\bar{c}T^Ac)}$	\mathbf{C}
6psbcc	$\frac{4\breve{G}_F}{\sqrt{2}}(\bar{s}P_LT^Ab)(\bar{c}T^Ac)$	\mathbf{C}
7psbcc	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{c}\sigma_{\mu\nu}c)$	\mathbf{C}
8psbcc	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}T^Ab)(\bar{c}\sigma_{\mu\nu}T^Ac)$	$^{\mathrm{C}}$
9psbcc	$\frac{\frac{4\breve{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{c}\gamma^{\mu\nu\rho\sigma}c)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Ac)}$	\mathbf{C}
10psbcc	$\frac{4\overleftarrow{G_F}}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Ac)$	\mathbf{C}
1sbbb	$rac{4reve{G}_F^c}{\sqrt{2}}(ar{s}P_R\gamma_\mu b)(ar{b}\gamma^\mu b) \ rac{4G_F}{\sqrt{2}}(ar{s}P_R\gamma_{\mu u ho}b)(ar{b}\gamma^{\mu u ho}b)$	$^{\mathrm{C}}$
3sbbb	$\frac{4\overline{G_F}}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b)$	\mathbf{C}
5sbbb	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{b}b)$	\mathbf{C}
7sbbb	$\frac{4 \overleftarrow{G_F}}{\sqrt{2}} (\bar{s} P_R \sigma^{\mu \nu} b) (\bar{b} \sigma_{\mu \nu} b)$	\mathbf{C}
9sbbb	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b)}{\sqrt{2}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b)}$	\mathbf{C}
1psbbb	$rac{4reve{G_F}}{\sqrt{2}}(ar{s}P_L\gamma_\mu b)(ar{b}\gamma^\mu b) \ rac{4G_F}{\sqrt{2}}(ar{s}P_L\gamma_{\mu u ho}b)(ar{b}\gamma^{\mu u ho}b)$	\mathbf{C}
3psbbb	$\frac{4\overleftarrow{G_F}}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b)$	\mathbf{C}
5psbbb	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_Lb)(bb)$	\mathbf{C}
7psbbb	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b)}{\sqrt{2}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b)}$	\mathbf{C}
9psbbb	$\frac{4 \overleftarrow{G_F}}{\sqrt{2}} (\bar{s} P_L \gamma_{\mu\nu\rho\sigma} b) (\bar{b} \gamma^{\mu\nu\rho\sigma} b)$	\mathbf{C}
1sbss	$\frac{4G_F}{\sqrt{2}}(\bar{s}\gamma_\mu P_L b)(\bar{s}\gamma^\mu s)$	\mathbf{C}
1psbss	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}\gamma_{\mu}P_Rb)(\bar{s}\gamma^{\mu}s)}{\frac{4G_F}{\sqrt{2}}(\bar{s}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s)}$	\mathbf{C}
3sbss	$\frac{4\check{G_F}}{\sqrt{2}}(\bar{s}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s)$	\mathbf{C}
3psbss	$\frac{4G_F}{\sqrt{2}}(\bar{s}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s)$	\mathbf{C}
5sbss	$rac{4 {ar G_F}}{\sqrt{2}} (ar s P_L b) (ar s s)$	\mathbf{C}
5psbss	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{s}s)$	\mathbf{C}
7sbss	$\frac{4\widetilde{Q}_F^2}{\sqrt{2}}(ar{s}\sigma^{\mu u}P_Lb)(ar{s}\sigma_{\mu u}s)$	\mathbf{C}
7psbss	$\frac{4\ddot{G_F}}{\sqrt{2}}(ar{s}\sigma^{\mu u}P_Rb)(ar{s}\sigma_{\mu u}s)$	\mathbf{C}
9sbss	$\frac{4G_F}{\sqrt{2}}(\bar{s}\gamma_{\mu\nu\rho\sigma}P_Lb)(\bar{s}\gamma^{\mu\nu\rho\sigma}s)$	\mathbf{C}
9psbss	$\frac{4Q_F^2}{\sqrt{2}}(\bar{s}\gamma_{\mu u ho\sigma}P_Rb)(\bar{s}\gamma^{\mu u ho\sigma}s)$	\mathbf{C}
1sbee	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{e}\gamma^\mu e)$	\mathbf{C}
1psbee	$4G_F (= D = 1) (= 11 = 1$	\mathbf{C}
3sbee	$\frac{4\overleftarrow{G_F}}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}e)$	\mathbf{C}
3psbee	$\frac{4 \overleftarrow{G_F}}{\sqrt{2}} (\bar{s} P_L \gamma_{\mu\nu\rho} b) (\bar{e} \gamma^{\mu\nu\rho} e)$	$^{\mathrm{C}}$
5sbee	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{s}P_Rb)(\bar{e}e)$	\mathbf{C}
5psbee	$\begin{split} &\frac{-\sqrt{2}}{\sqrt{2}}(sP_L\gamma_\mu b)(e\gamma^\mu e) \\ &\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}e) \\ &\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}e) \\ &\frac{4G_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{e}e) \\ &\frac{4G_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{e}e) \\ &\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}e) \\ &\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}e) \\ &\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}e) \\ &\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}e) \\ &\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}e) \end{split}$	\mathbf{C}
7sbee	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu u}b)(\bar{e}\sigma_{\mu u}e)$	\mathbf{C}
7psbee	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}e)$	\mathbf{C}
9sbee	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}e)$	\mathbf{C}
9psbee	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}e)$	\mathbf{C}

WC name	Operator	Type
1sbmumu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\mu}\gamma^\mu\mu)$	C
1psbmumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{\mu}\gamma^\mu\mu)$	\mathbf{C}
3sbmumu	$\frac{4\tilde{G}_F^2}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{\mu}\gamma^{\mu\nu\rho}\mu)$	\mathbf{C}
3psbmumu	$\frac{4\tilde{G}_F^2}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{\mu}\gamma^{\mu\nu\rho}\mu)$	\mathbf{C}
5sbmumu	$\frac{4\tilde{G}_F^2}{\sqrt{2}}(\bar{s}P_Rb)(\bar{\mu}\mu)$	\mathbf{C}
5psbmumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{\mu}\mu)$	\mathbf{C}
7sbmumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}\mu)$	\mathbf{C}
7psbmumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}\mu)$	\mathbf{C}
9sbmumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}\mu)$	\mathbf{C}
9psbmumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}\mu)$	\mathbf{C}
1sbtautau	$\frac{4\tilde{G}_F^c}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\tau}\gamma^\mu au)$	\mathbf{C}
1psbtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{\tau}\gamma^\mu\tau)$	\mathbf{C}
3sbtautau	$\frac{4G_F^2}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}\tau)$	\mathbf{C}
3psbtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}\tau)$	\mathbf{C}
5sbtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{\tau}\tau)$	\mathbf{C}
5psbtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{\tau}\tau)$	\mathbf{C}
7sbtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\tau)$	\mathbf{C}
7psbtautau	$\frac{4\tilde{G}_F^2}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\tau)$	\mathbf{C}
9sbtautau	$\frac{4\overset{Y}{G_F}}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu u ho\sigma}b)(\bar{ au}\gamma^{\mu u ho\sigma} au)$	\mathbf{C}
9psbtautau	$\frac{4G_F^2}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}\tau)$	$^{\mathrm{C}}$

db

WC name	Operator	Type
7gammad	$\frac{4G_F}{\sqrt{2}}\frac{e}{g^2}m_b(\bar{d}P_R\sigma_{\mu\nu}b)F^{\mu\nu}$	C
8gd	$rac{4G_F}{\sqrt{2}} rac{e}{g_s^2} m_b (ar{d} P_R \sigma_{\mu u} b) F^{\mu u} \ rac{4G_F}{\sqrt{2}} rac{1}{g_s} m_b (ar{d} P_R \sigma_{\mu u} T^A b) G_A^{\mu u}$	$^{\mathrm{C}}$
7pgammad	$\frac{4\ddot{G}_F}{\sqrt{2}}\frac{\ddot{g}}{q^2}m_b(\bar{d}P_L\sigma_{\mu\nu}b)F^{\mu\nu}$	$^{\mathrm{C}}$
8pgd	$rac{4G_F}{\sqrt{2}} rac{e}{g_s^2} m_b (ar{d} P_L \sigma_{\mu u} b) F^{\mu u} \ rac{4G_F}{\sqrt{2}} rac{1}{g_s} m_b (ar{d} P_L \sigma_{\mu u} T^A b) G_A^{\mu u}$	$^{\mathrm{C}}$
1dbuu	$\frac{4G_F}{\sqrt{2}}(dP_R\gamma_\mu b)(\bar{u}\gamma^\mu u)$	$^{\mathrm{C}}$
2dbuu	$\frac{4G_F}{\bar{c}}(\bar{d}P_D\gamma_{\cdot\cdot}T^Ab)(\bar{u}\gamma^{\mu}T^Au)$	$^{\mathrm{C}}$
3dbuu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{u}\gamma^{\mu\nu\rho}u)$ $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{u}\gamma^{\mu\nu\rho}T^Au)$	$^{\mathrm{C}}$
4dbuu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{u}\gamma^{\mu\nu\rho}T^Au)$	$^{\mathrm{C}}$
5dbuu	$\frac{4\overset{\circ}{G_F}}{\sqrt{2}}(\bar{d}P_Rb)(\bar{u}u)$	$^{\mathrm{C}}$
6dbuu	$\frac{4\overset{\leftarrow}{G_F}}{\sqrt{2}}(\bar{d}P_RT^Ab)(\bar{u}T^Au)$	$^{\mathrm{C}}$
7dbuu	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{u}\sigma_{\mu\nu}u)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}T^Ab)(\bar{u}\sigma_{\mu\nu}T^Au)}$	$^{\mathrm{C}}$
8dbuu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}T^Ab)(\bar{u}\sigma_{\mu\nu}T^Au)$	$^{\mathrm{C}}$

WC name	Operator	Type
9dbuu	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{u}\gamma^{\mu\nu\rho\sigma}u)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{u}\gamma^{\mu\nu\rho\sigma}T^Au)}$	С
10dbuu	$\frac{4\check{G}_F^F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{u}\gamma^{\mu\nu\rho\sigma}T^Au)$	\mathbf{C}
1pdbuu	$\frac{4G_F}{\sqrt{2}}(dP_L\gamma_\mu b)(\bar{u}\gamma^\mu u)$	\mathbf{C}
2pdbuu	$\frac{4G_F^2}{\sqrt{2}}(\bar{d}P_L\gamma_\mu T^A b)(\bar{u}\gamma^\mu T^A u)$	$^{\mathrm{C}}$
3pdbuu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{u}\gamma^{\mu\nu\rho}u)$	\mathbf{C}
4pdbuu	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}T^Ab)(\bar{u}\gamma^{\mu\nu\rho}T^Au)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_Lb)(\bar{u}u)}$	\mathbf{C}
5pdbuu	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{d}P_Lb)(\bar{u}u)$	\mathbf{C}
6pdbuu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_LT^Ab)(\bar{u}T^Au)$	\mathbf{C}
7pdbuu	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{u}\sigma_{\mu\nu}u)$	\mathbf{C}
8pdbuu	$\frac{4\bar{G}_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}T^Ab)(\bar{u}\sigma_{\mu\nu}T^Au)$	\mathbf{C}
9pdbuu	$ \frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}T^Ab)(\bar{u}\sigma_{\mu\nu}T^Au) \frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{u}\gamma^{\mu\nu\rho\sigma}u) \frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{u}\gamma^{\mu\nu\rho\sigma}T^Au) $	\mathbf{C}
10pdbuu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{u}\gamma^{\mu\nu\rho\sigma}T^Au)$	\mathbf{C}
1dbdd	$\frac{4G_F}{\sqrt{2}}(dP_R\gamma_\mu b)(d\gamma^\mu d)$	\mathbf{C}
2dbdd	$\frac{4G_F}{dP_D} (\bar{d}P_D \sim T^A h) (\bar{d} \sim^{\mu} T^A d)$	\mathbf{C}
3dbdd	$\frac{\sqrt{2}}{\sqrt{2}}(dP_R\gamma_{\mu\nu\rho}b)(d\gamma^{\mu\nu\rho}d)$	\mathbf{C}
4dbdd	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{d}\gamma^{\mu\nu\rho}T^Ad)$	\mathbf{C}
5dbdd	$rac{4ar{G_F}}{\sqrt{2}}(ar{d}P_Rb)(ar{d}d)$	\mathbf{C}
6dbdd	$rac{4G_F}{\sqrt{2}}(ar{d}P_RT^Ab)(ar{d}T^Ad)$	\mathbf{C}
7dbdd	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{d}\sigma_{\mu\nu}d)$	\mathbf{C}
8dbdd	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}T^Ab)(\bar{d}\sigma_{\mu\nu}T^Ad)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{d}\gamma^{\mu\nu\rho\sigma}d)}$	\mathbf{C}
9dbdd	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{d}\gamma^{\mu\nu\rho\sigma}d)$	\mathbf{C}
10dbdd	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{d}\gamma^{\mu\nu\rho\sigma}T^Ad)$	\mathbf{C}
1pdbdd	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{d}\gamma^\mu d)$	\mathbf{C}
2pdbdd	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu T^Ab)(\bar{d}\gamma^\mu T^Ad)$	\mathbf{C}
3pdbdd	$rac{4G_F}{\sqrt{2}}(ar{d}P_L\gamma_{\mu u ho}b)(ar{d}\gamma^{\mu u ho}d)$	\mathbf{C}
4pdbdd	$rac{4G_F}{\sqrt{2}}(ar{d}P_L\gamma_{\mu u ho}T^Ab)(ar{d}\gamma^{\mu u ho}T^Ad)$	\mathbf{C}
5pdbdd	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_Lb)(\bar{d}d)$	\mathbf{C}
6pdbdd	$rac{4 ilde{G}_F^c}{\sqrt{2}}(ar{d}P_Lb)(ar{d}d) \ rac{4 ilde{G}_F}{\sqrt{2}}(ar{d}P_LT^Ab)(ar{d}T^Ad)$	\mathbf{C}
7pdbdd	$4G_{\rm F}(\bar{1}_{\rm D},\mu\nu_1)(\bar{1},\mu)$	\mathbf{C}
8pdbdd	$\frac{4\bar{G}_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}T^Ab)(\bar{d}\sigma_{\mu\nu}T^Ad)$	\mathbf{C}
9pdbdd	$\frac{4\bar{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{d}\gamma^{\mu\nu\rho\sigma}d)$	\mathbf{C}
10pdbdd	$\frac{4 \bar{G}_F}{\sqrt{2}} (\bar{d} P_L \gamma_{\mu\nu\rho\sigma} T^A b) (\bar{d} \gamma^{\mu\nu\rho\sigma} T^A d)$	\mathbf{C}
1dbcc	$rac{4 G_F}{\sqrt{2}} (ar{d} P_R \gamma_\mu b) (ar{c} \gamma^\mu c)$	\mathbf{C}
2dbcc	$\frac{\frac{4G_F}{\sqrt{2}}(dP_L\sigma^{\mu\nu}b)(d\sigma_{\mu\nu}d)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}T^Ab)(\bar{d}\sigma_{\mu\nu}T^Ad)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{d}\gamma^{\mu\nu\rho\sigma}d)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{d}\gamma^{\mu\nu\rho\sigma}T^Ad)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu}b)(\bar{c}\gamma^{\mu}c)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu}T^Ab)(\bar{c}\gamma^{\mu}T^Ac)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{c}\gamma^{\mu\nu\rho}c)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{c}\gamma^{\mu\nu\rho}C)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{c}\gamma^{\mu\nu\rho}T^Ac)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{c}\gamma^{\mu\nu\rho}T^Ac)}$	\mathbf{C}
3dbcc	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{c}\gamma^{\mu\nu\rho}c)$	\mathbf{C}
4dbcc	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}T^Ab)(\bar{c}\gamma^{\mu\nu\rho}T^Ac)$	\mathbf{C}
5dbcc	$\frac{4\breve{G}_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{c}c)$	\mathbf{C}

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	WC name	Operator	Type
7dbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \sigma^{\mu\nu}b)(\bar{c}\sigma_{\mu\nu}c) \qquad C$ 8dbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \sigma^{\mu\nu}T^A b)(\bar{c}\sigma_{\mu\nu}T^A c) \qquad C$ 9dbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \gamma_{\mu\nu\rho\sigma}b)(\bar{c}\gamma_{\mu\nu\rho\sigma}c) \qquad C$ 10dbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \gamma_{\mu\nu\rho\sigma}b)(\bar{c}\gamma^{\mu\nu\rho\sigma}c) \qquad C$ 1pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu}b)(\bar{c}\gamma^{\mu}c) \qquad C$ 2pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu}b)(\bar{c}\gamma^{\mu}c) \qquad C$ 2pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{c}\gamma^{\mu\nu\rho}c) \qquad C$ 2pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{c}\gamma^{\mu\nu\rho}c) \qquad C$ 2pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{c}\gamma^{\mu\nu\rho}c) \qquad C$ 3pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{c}\gamma^{\mu\nu\rho}c) \qquad C$ 5pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{c}c) \qquad C$ 6pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{c}c) \qquad C$ 7pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{c}\sigma_{\mu\nu}c) \qquad C$ 8pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{c}\sigma_{\mu\nu}c) \qquad C$ 8pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{c}\sigma_{\mu\nu}c) \qquad C$ 9pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{c}\gamma^{\mu\nu\rho}c) \qquad C$ 10pdbec $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu}b) \qquad C$ 2dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu}b) \qquad C$ 3dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu}b) \qquad C$ 3dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu}b) \qquad C$ 3pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu}b) \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu}b) \qquad C$ 6 pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu}b) \qquad C$ 7pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu}b) \qquad C$ 6 pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu}b) \qquad C$ 7pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu}b) \qquad C$ 7pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu}b) \qquad C$ 9pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu}b) \qquad C$ 2pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu}b)(\bar{b}\gamma^{\mu\nu$	6dbcc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_RT^Ab)(\bar{c}T^Ac)$	C
8dbcc $\frac{4G_F}{\sqrt{2}}(dP_R\sigma^{\mu\nu}T^Ab)(\bar{c}\sigma_{\mu\nu}T^Ac) \qquad \qquad$	7dbcc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{c}\sigma_{\mu\nu}c)$	$^{\mathrm{C}}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8dbcc	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}T^Ab)(\bar{c}\sigma_{\mu\nu}T^Ac)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9dbcc	$\frac{4\check{G_F}}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{c}\gamma^{\mu\nu\rho\sigma}c)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10dbcc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Ac)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1pdbcc	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{c}\gamma^\mu c)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2pdbcc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu T^A b)(\bar{c}\gamma^\mu T^A c)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3pdbcc	$\frac{4\check{G_F}}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{c}\gamma^{\mu\nu\rho}c)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4pdbcc	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}T^Ab)(\bar{c}\gamma^{\mu\nu\rho}T^Ac)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5pdbcc	$\frac{4G_F}{\sqrt{2}}(dP_Lb)(\bar{c}c)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6pdbcc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_LT^Ab)(\bar{c}T^Ac)$	\mathbf{C}
10pdbcc $\frac{4G_F}{\sqrt{2}}(dP_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Ac) \qquad \qquad C$ 1dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu}b)(\bar{b}\gamma^{\mu}b) \qquad \qquad C$ 3dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 5dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{b}b) \qquad \qquad C$ 7dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 9dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 3pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 1dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\rho_b)(\bar{s}\gamma^{\mu}s) \qquad \qquad C$ 2dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu}s) \qquad \qquad C$ 3pdbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$	7pdbcc	$\frac{4G_F}{\sqrt{2}}(dP_L\sigma^{\mu\nu}b)(\bar{c}\sigma_{\mu\nu}c)$	\mathbf{C}
10pdbcc $\frac{4G_F}{\sqrt{2}}(dP_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Ac) \qquad \qquad C$ 1dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu}b)(\bar{b}\gamma^{\mu}b) \qquad \qquad C$ 3dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 5dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{b}b) \qquad \qquad C$ 7dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 9dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 3pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 1dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\rho_b)(\bar{s}\gamma^{\mu}s) \qquad \qquad C$ 2dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu}s) \qquad \qquad C$ 3pdbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$	8pdbcc	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}T^Ab)(\bar{c}\sigma_{\mu\nu}T^Ac)$	\mathbf{C}
10pdbcc $\frac{4G_F}{\sqrt{2}}(dP_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Ac) \qquad \qquad C$ 1dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu}b)(\bar{b}\gamma^{\mu}b) \qquad \qquad C$ 3dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 5dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{b}b) \qquad \qquad C$ 7dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 9dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 3pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 1dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\rho_b)(\bar{s}\gamma^{\mu}s) \qquad \qquad C$ 2dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu}s) \qquad \qquad C$ 3pdbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$	9pdbcc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{c}\gamma^{\mu\nu\rho\sigma}c)$	\mathbf{C}
3dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 5dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{b}b) \qquad \qquad C$ 7dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 9dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu}b)(\bar{b}\gamma^{\mu}b) \qquad \qquad C$ 3pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 7pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 9pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\rho_b)(\bar{s}\gamma^{\mu}s) \qquad \qquad C$ 2dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$ 3dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$ 5dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$	10pdbcc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}T^Ab)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Ac)$	\mathbf{C}
5dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{b}b) \qquad \qquad C$ 7dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 9dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu}b)(\bar{b}\gamma^{\mu}b) \qquad \qquad C$ 3pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}b) \qquad \qquad C$ 7pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 9pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1pdbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu}P_Lb)(\bar{s}\gamma^{\mu}s) \qquad \qquad C$ 3dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$ 3pdbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$	1dbbb	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{b}\gamma^\mu b)$	\mathbf{C}
5dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{b}b) \qquad \qquad C$ 7dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 9dbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu}b)(\bar{b}\gamma^{\mu}b) \qquad \qquad C$ 3pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b) \qquad \qquad C$ 5pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}b) \qquad \qquad C$ 7pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{b}\sigma_{\mu\nu}b) \qquad \qquad C$ 9pdbbb $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b) \qquad \qquad C$ 1pdbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu}P_Lb)(\bar{s}\gamma^{\mu}s) \qquad \qquad C$ 3dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$ 3pdbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$	3dbbb	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5dbbb	$rac{4ar{G_F}}{\sqrt{2}}(ar{d}P_Rb)(ar{b}b)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7dbbb	$rac{4 ar{G_F}}{\sqrt{2}} (ar{d} P_R \sigma^{\mu u} b) (ar{b} \sigma_{\mu u} b)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9dbbb	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{b}\gamma^{\mu\nu\rho\sigma}b)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1pdbbb	$\frac{4G_F}{\sqrt{2}}(dP_L\gamma_\mu b)(b\gamma^\mu b)$	\mathbf{C}
9pdbbb $\frac{\frac{4G_F}{\sqrt{2}}(dP_L\gamma_{\mu\nu\rho\sigma}b)(b\gamma^{\mu\nu\rho\sigma}b)}{\sqrt{2}} \qquad \qquad C$ 1dbss $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu}P_Lb)(\bar{s}\gamma^{\mu}s)}{\sqrt{2}} \qquad \qquad C$ 1pdbss $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu}P_Rb)(\bar{s}\gamma^{\mu}s)}{\sqrt{2}} \qquad \qquad C$ 3dbss $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s)}{\sqrt{2}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s)} \qquad \qquad C$ 3pdbss $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s)}{\sqrt{2}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s)} \qquad \qquad C$	3pdbbb	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{b}\gamma^{\mu\nu\rho}b)$	\mathbf{C}
9pdbbb $\frac{\frac{4G_F}{\sqrt{2}}(dP_L\gamma_{\mu\nu\rho\sigma}b)(b\gamma^{\mu\nu\rho\sigma}b)}{\sqrt{2}} \qquad \qquad C$ 1dbss $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu}P_Lb)(\bar{s}\gamma^{\mu}s)}{\sqrt{2}} \qquad \qquad C$ 1pdbss $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu}P_Rb)(\bar{s}\gamma^{\mu}s)}{\sqrt{2}} \qquad \qquad C$ 3dbss $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s)}{\sqrt{2}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s)} \qquad \qquad C$ 3pdbss $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s)}{\sqrt{2}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s)} \qquad \qquad C$	5pdbbb	$rac{4ar{G_F}}{\sqrt{2}}(ar{d}P_Lb)(ar{b}b)$	\mathbf{C}
9pdbbb $\frac{\frac{4G_F}{\sqrt{2}}(dP_L\gamma_{\mu\nu\rho\sigma}b)(b\gamma^{\mu\nu\rho\sigma}b)}{\sqrt{2}} \qquad \qquad C$ 1dbss $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu}P_Lb)(\bar{s}\gamma^{\mu}s)}{\sqrt{2}} \qquad \qquad C$ 1pdbss $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu}P_Rb)(\bar{s}\gamma^{\mu}s)}{\sqrt{2}} \qquad \qquad C$ 3dbss $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s)}{\sqrt{2}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s)} \qquad \qquad C$ 3pdbss $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s)}{\sqrt{2}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s)} \qquad \qquad C$	7pdbbb	$rac{4ar{G_F}}{\sqrt{2}}(ar{d}P_L\sigma^{\mu u}b)(ar{b}\sigma_{\mu u}b)$	\mathbf{C}
1pdbss $\frac{4\overline{G_F}}{\sqrt{2}}(\bar{d}\gamma_{\mu}P_Rb)(\bar{s}\gamma^{\mu}s) \qquad \qquad C$ 3dbss $\frac{4\overline{G_F}}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$ 3pdbss $\frac{4\overline{G_F}}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$	9pdbbb	$\frac{4G_F}{\sqrt{2}}(dP_L\gamma_{\mu\nu\rho\sigma}b)(b\gamma^{\mu\nu\rho\sigma}b)$	\mathbf{C}
3dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$ 3pdbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$	1dbss	$rac{4 G_F}{\sqrt{2}} (ar{d} \gamma_\mu P_L b) (ar{s} \gamma^\mu s)$	\mathbf{C}
3dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$ 3pdbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s) \qquad \qquad C$	1pdbss	$\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_\mu P_R b)(\bar{s}\gamma^\mu s)$	\mathbf{C}
$4G_F(JD, I)(\overline{c}_0)$	3dbss	$\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Lb)(\bar{s}\gamma^{\mu\nu\rho}s)$	\mathbf{C}
$4G_F(JD, I)(\overline{c}_0)$	3pdbss	$\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rb)(\bar{s}\gamma^{\mu\nu\rho}s)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5dbss	$4G_F(JD, h)(\Xi_0)$	\mathbf{C}
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5pdbss	$rac{4G_F}{\sqrt{2}}(ar{d}P_Rb)(ar{s}s)$	$^{\mathrm{C}}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7dbss	$\frac{4G_F}{\sqrt{2}}(\bar{d}\sigma^{\mu\nu}P_Lb)(\bar{s}\sigma_{\mu\nu}s)$	$^{\mathrm{C}}$
9dbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho\sigma}P_Lb)(\bar{s}\gamma^{\mu\nu\rho\sigma}s) \qquad \qquad C$ 9pdbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho\sigma}P_Rb)(\bar{s}\gamma^{\mu\nu\rho\sigma}s) \qquad \qquad C$ 1dbee $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{e}\gamma^\mu e) \qquad \qquad C$ 1pdbee $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{e}\gamma^\mu e) \qquad \qquad C$	7pdbss	$rac{4G_F}{\sqrt{2}}(ar{d}\sigma^{\mu u}P_Rb)(ar{s}\sigma_{\mu u}s)$	$^{\mathrm{C}}$
9pdbss $\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho\sigma}P_Rb)(\bar{s}\gamma^{\mu\nu\rho\sigma}s) \qquad \qquad C$ 1dbee $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{e}\gamma^\mu e) \qquad \qquad C$ 1pdbee $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{e}\gamma^\mu e) \qquad \qquad C$	9dbss	$\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu u ho\sigma}P_Lb)(\bar{s}\gamma^{\mu u ho\sigma}s)$	$^{\mathrm{C}}$
1dbee $\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{e}\gamma^\mu e) \qquad \qquad C$ 1pdbee $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{e}\gamma^\mu e) \qquad \qquad C$	9pdbss	$rac{4G_F}{\sqrt{2}}(ar{d}\gamma_{\mu u ho\sigma}P_Rb)(ar{s}\gamma^{\mu u ho\sigma}s)$	$^{\mathrm{C}}$
1pdbee $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{e}\gamma^\mu e)$ C	1dbee	$rac{4G_F}{\sqrt{2}}(ar{d}P_R\gamma_\mu b)(ar{e}\gamma^\mu e)$	$^{\mathrm{C}}$
	1pdbee	$rac{4G_F}{\sqrt{2}}(ar{d}P_L\gamma_\mu b)(ar{e}\gamma^\mu e)$	$^{\mathrm{C}}$

WC name	Operator	Type
3dbee	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}e)$	C
3pdbee	$\frac{4\tilde{G}_F^c}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}e)$	\mathbf{C}
5dbee	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{e}e)$	\mathbf{C}
5pdbee	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_Lb)(\bar{e}e)$	$^{\mathrm{C}}$
7dbee	$\frac{4\widetilde{G}_{F}}{\sqrt{2}}(\bar{d}P_{R}\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}e)$	$^{\mathrm{C}}$
7pdbee	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}e)$	$^{\mathrm{C}}$
9dbee	$\frac{4\check{G}_{F}}{\sqrt{2}}(\bar{d}P_{R}\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}e)$	$^{\mathrm{C}}$
9pdbee	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}e)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}e)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}e)$	$^{\mathrm{C}}$
1dbmumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{\mu}\gamma^\mu\mu)$	$^{\mathrm{C}}$
1pdbmumu	$\frac{\frac{4G_F^2}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{\mu}\gamma^\mu\mu)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{\mu}\gamma^{\mu\nu\rho}\mu)}$	$^{\mathrm{C}}$
3dbmumu	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{\mu}\gamma^{\mu\nu\rho}\mu)$	$^{\mathrm{C}}$
3pdbmumu	$\frac{4\check{G}_{F}}{\sqrt{2}}(\bar{d}P_{L}\gamma_{\mu\nu\rho}b)(\bar{\mu}\gamma^{\mu\nu\rho}\mu)$	$^{\mathrm{C}}$
5dbmumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{\mu}\mu)$	$^{\mathrm{C}}$
5pdbmumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(ar{d}P_Lb)(ar{\mu}\mu)$	$^{\mathrm{C}}$
7dbmumu	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}\mu)$	$^{\mathrm{C}}$
7pdbmumu	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}\mu)$	$^{\mathrm{C}}$
9dbmumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}\mu)$	$^{\mathrm{C}}$
9pdbmumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}\mu)$	\mathbf{C}
1dbtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{\tau}\gamma^\mu au)$	$^{\mathrm{C}}$
1pdbtautau	$\frac{4\ddot{G_F}}{\bar{c}}(\bar{d}P_T\gamma_{\nu}b)(\bar{\tau}\gamma^{\mu}\tau)$	$^{\mathrm{C}}$
3dbtautau	$\frac{\sqrt{2}}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}\tau)$	$^{\mathrm{C}}$
3pdbtautau	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu u ho}b)(\bar{ au}\gamma^{\mu u ho} au)$	$^{\mathrm{C}}$
5dbtautau	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{ au} au)$	$^{\mathrm{C}}$
5pdbtautau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_Lb)(\bar{\tau} au)$	\mathbf{C}
7dbtautau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\tau)$	\mathbf{C}
7pdbtautau	$\frac{4\check{G}_{F}}{\sqrt{2}}(\bar{d}P_{L}\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\tau)$	\mathbf{C}
9dbtautau	$ \frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\tau)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}\tau)} \\ \frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}\tau) $	\mathbf{C}
9pdbtautau	$\frac{4\check{G}_{F}^{F}}{\sqrt{2}}(\bar{d}P_{L}\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}\tau)$	\mathbf{C}

sbemu

WC name	Operator	Type
1sbemu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{e}\gamma^\mu\mu)$	C
1psbemu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{e}\gamma^\mu\mu)$	\mathbf{C}
3sbemu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}\mu)$	\mathbf{C}
3psbemu	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{e}\gamma^\mu \mu)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{e}\gamma^\mu \mu)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}\mu)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}\mu)}$	$^{\mathrm{C}}$

WC name	Operator	Type
5sbemu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{e}\mu)$	C
5psbemu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{e}\mu)$	$^{\mathrm{C}}$
7sbemu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\mu)$	\mathbf{C}
7psbemu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\mu)$	\mathbf{C}
9sbemu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}\mu)$	\mathbf{C}
9psbemu	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{e}\mu)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{e}\mu)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\mu)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\mu)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}\mu)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}\mu)}$	$^{\mathrm{C}}$

sbetau

WC name	Operator	Type
1sbetau	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{e}\gamma^\mu\tau)$	C
1psbetau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{e}\gamma^\mu \tau)$	\mathbf{C}
3sbetau	$\frac{4\bar{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}\tau)$	$^{\mathrm{C}}$
3psbetau	$\frac{4\bar{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}\tau)$	$^{\mathrm{C}}$
5sbetau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{e}\tau)$	\mathbf{C}
5psbetau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{e}\tau)$	\mathbf{C}
7sbetau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\tau)$	\mathbf{C}
7psbetau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\tau)$	\mathbf{C}
9sbetau	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}\tau)$	\mathbf{C}
9psbetau	$\frac{4G_F^{\Gamma}}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}\tau)$ $\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}\tau)$	C

sbmue

WC name	Operator	Type
1sbmue	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\mu}\gamma^\mu e)$	C
1psbmue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{\mu}\gamma^\mu e)$	\mathbf{C}
3sbmue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{\mu}\gamma^{\mu\nu\rho}e)$	\mathbf{C}
3psbmue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{\mu}\gamma^{\mu\nu\rho}e)$	\mathbf{C}
5sbmue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{\mu}e)$	\mathbf{C}
5psbmue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{\mu}e)$	\mathbf{C}
7sbmue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}e)$	\mathbf{C}
7psbmue	$\frac{\sqrt{2}}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}e)$	\mathbf{C}
9sbmue	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}e)$	\mathbf{C}
9psbmue	$\frac{4\overline{Q_F}}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}e)$ $\frac{4\overline{Q_F}}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}e)$	$^{\mathrm{C}}$

sbmutau

WC name	Operator	Type
1sbmutau	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\mu}\gamma^\mu\tau)$	C
1psbmutau	$rac{4 \stackrel{C}{N_F}}{\sqrt{2}} (ar{s} P_L \gamma_\mu b) (ar{\mu} \gamma^\mu au)$	$^{\mathrm{C}}$
3sbmutau	$\frac{4 \widetilde{G}_F}{\sqrt{2}} (\bar{s} P_R \gamma_{\mu\nu\rho} b) (\bar{\mu} \gamma^{\mu\nu\rho} \tau)$	$^{\mathrm{C}}$
3psbmutau	$\frac{4 \overleftarrow{S_F}}{\sqrt{2}} (\bar{s} P_L \gamma_{\mu\nu\rho} b) (\bar{\mu} \gamma^{\mu\nu\rho} au)$	$^{\mathrm{C}}$
5sbmutau	$\frac{4 \stackrel{\circ}{V_T}}{\sqrt{2}} (\bar{s} P_R b) (\bar{\mu} au)$	$^{\mathrm{C}}$
5psbmutau	$\frac{4 \stackrel{\circ}{V_{2}}}{\sqrt{2}} (\bar{s} P_L b) (\bar{\mu} au)$	$^{\mathrm{C}}$
7sbmutau	$\frac{4 \tilde{G}_F}{\sqrt{2}} (\bar{s} P_R \sigma^{\mu\nu} b) (\bar{\mu} \sigma_{\mu\nu} \tau)$	$^{\mathrm{C}}$
7psbmutau	$rac{4 \widetilde{G_F}}{\sqrt{2}} (ar{s} P_L \sigma^{\mu u} b) (ar{\mu} \sigma_{\mu u} au)$	$^{\mathrm{C}}$
9sbmutau	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}\tau)$	\mathbf{C}
9psbmutau	$\frac{\sqrt[4]{G_F}}{\sqrt{2}} (\bar{s} P_R \gamma_{\mu\nu\rho\sigma} b) (\bar{\mu} \gamma^{\mu\nu\rho\sigma} \tau) \\ \frac{\sqrt[4]{G_F}}{\sqrt{2}} (\bar{s} P_L \gamma_{\mu\nu\rho\sigma} b) (\bar{\mu} \gamma^{\mu\nu\rho\sigma} \tau)$	С

sbtaue

WC name	Operator	Type
1sbtaue	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\tau}\gamma^\mu e)$	C
1psbtaue	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{\tau}\gamma^\mu e)$	$^{\mathrm{C}}$
3sbtaue	$\frac{4G_F^2}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}e)$	$^{\mathrm{C}}$
3psbtaue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}e)$	\mathbf{C}
5sbtaue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{\tau}e)$	\mathbf{C}
5psbtaue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{\tau}e)$	\mathbf{C}
7sbtaue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}e)$	\mathbf{C}
7psbtaue	$\frac{4G_F}{G}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}e)$	\mathbf{C}
9sbtaue	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}e)$	\mathbf{C}
9psbtaue	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}e)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}e)}$	$^{\mathrm{C}}$

${\tt sbtaumu}$

WC name	Operator	Type
1sbtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\tau}\gamma^\mu\mu)$	C
1psbtaumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{\tau}\gamma^\mu\mu)$	$^{\mathrm{C}}$
3sbtaumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}\mu)$	$^{\mathrm{C}}$
3psbtaumu	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}\mu)$	\mathbf{C}
5sbtaumu	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\tau}\gamma^\mu\mu)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{\tau}\gamma^\mu\mu)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}\mu)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}\mu)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}\mu)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_Rb)(\bar{\tau}\mu)}$	\mathbf{C}

WC name	Operator	Type
5psbtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{\tau}\mu)$	C
7sbtaumu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\mu)$	\mathbf{C}
7psbtaumu	$\frac{4\check{G}_F^{\sigma}}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu u}b)(\bar{ au}\sigma_{\mu u}\mu)$	\mathbf{C}
9sbtaumu	$\frac{4 \tilde{G}_F}{\sqrt{2}} (\bar{s} P_R \gamma_{\mu\nu\rho\sigma} b) (\bar{\tau} \gamma^{\mu\nu\rho\sigma} \mu)$	\mathbf{C}
9psbtaumu	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_Lb)(\bar{\tau}\mu)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\mu)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\mu)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}\mu)}$ $\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}\mu)$	С

${\tt dbemu}$

WC name	Operator	Type
1dbemu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{e}\gamma^\mu\mu)$	C
1pdbemu	$\frac{4\tilde{G}_F}{\bar{Q}}(\bar{d}P_T \gamma, h)(\bar{e}\gamma^{\mu}\mu)$	\mathbf{C}
3dbemu	$\frac{4G_F}{\bar{c}}(\bar{d}P_B\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}\mu)$	\mathbf{C}
3pdbemu	$rac{4G_F}{\sqrt{2}}(ar{d}P_L\gamma_{\mu u ho}b)(ar{e}\gamma^{\mu u ho}\mu)$	\mathbf{C}
5dbemu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{e}\mu)$	\mathbf{C}
5pdbemu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_Lb)(\bar{e}\mu)$	\mathbf{C}
7dbemu	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\mu)$	\mathbf{C}
7pdbemu	$rac{4ar{G}_F}{\sqrt{2}}(ar{d}P_L\sigma^{\mu u}b)(ar{e}\sigma_{\mu u}\mu)$	\mathbf{C}
9dbemu	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}\mu)$	\mathbf{C}
9pdbemu	$\frac{\frac{\sqrt{2}}{4G_F}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}\mu)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}\mu)}$	$^{\mathrm{C}}$

${\tt dbetau}$

WC name	Operator	Type
1dbetau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{e}\gamma^\mu\tau)$	C
1pdbetau	$\frac{4\ddot{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{e}\gamma^\mu\tau)$	\mathbf{C}
3dbetau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}\tau)$	\mathbf{C}
3pdbetau	$\frac{4Q_F^2}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{e}\gamma^{\mu\nu\rho}\tau)$	\mathbf{C}
5dbetau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{e} au)$	\mathbf{C}
5pdbetau	$\frac{4\tilde{G}_F}{\sqrt{2}}(ar{d}P_Lb)(ar{e} au)$	\mathbf{C}
7dbetau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu}\tau)$	\mathbf{C}
7pdbetau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{e}\sigma_{\mu\nu} au)$	$^{\mathrm{C}}$
9dbetau	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}\tau)$	\mathbf{C}
9pdbetau	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}\tau)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{e}\gamma^{\mu\nu\rho\sigma}\tau)}$	C

dbmue

WC name	Operator	Type
1dbmue	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{\mu}\gamma^\mu e)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{\mu}\gamma^\mu e)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{\mu}\gamma^{\mu\nu\rho}e)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{\mu}\gamma^{\mu\nu\rho}e)}$	C
1pdbmue	$\frac{4\check{G}_{F}}{\sqrt{2}}(\bar{d}P_{L}\gamma_{\mu}b)(\bar{\mu}\gamma^{\mu}e)$	\mathbf{C}
3dbmue	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{\mu}\gamma^{\mu\nu\rho}e)$	\mathbf{C}
3pdbmue	$rac{4G_F}{\sqrt{2}}(ar{d}P_L\gamma_{\mu u ho}b)(ar{\mu}\gamma^{\mu u ho}e)$	\mathbf{C}
5dbmue	$\frac{4G_F}{\bar{e}}(\bar{d}P_P b)(\bar{\mu}e)$	\mathbf{C}
5pdbmue	$rac{\sqrt{2}}{4G_F}(ar{d}P_Lb)(ar{\mu}e) = rac{4G_F}{\sqrt{2}}(ar{d}P_R\sigma^{\mu u}b)(ar{\mu}\sigma_{\mu u}e)$	\mathbf{C}
7dbmue	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}e)$	\mathbf{C}
7pdbmue	$\frac{4G_F}{\sqrt{2}}(dP_L\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}e)$	$^{\mathrm{C}}$
9dbmue	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}e)$	\mathbf{C}
9pdbmue	$\frac{\frac{4\vec{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}e)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}e)}$	С

${\tt dbmutau}$

WC name	Operator	Type
1dbmutau	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{\mu}\gamma^\mu\tau)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{\mu}\gamma^\mu\tau)}$ $\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{\mu}\gamma^{\mu\nu\rho}\tau)}{\sqrt{2}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{\mu}\gamma^{\mu\nu\rho}\tau)}$	C
1pdbmutau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{\mu}\gamma^\mu au)$	\mathbf{C}
3dbmutau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu u ho}b)(\bar{\mu}\gamma^{\mu u ho} au)$	\mathbf{C}
3pdbmutau	$rac{\sqrt{2}}{\sqrt{2}}(ar{d}P_L\gamma_{\mu u ho}b)(ar{\mu}\gamma^{\mu u ho} au)$	\mathbf{C}
5dbmutau	$\frac{4G_F}{\overline{c}}(\bar{d}P_Bb)(\bar{\mu}\tau)$	\mathbf{C}
5pdbmutau	$\frac{\sqrt{2}}{\sqrt{2}}(\bar{d}P_Lb)(\bar{\mu} au)$	\mathbf{C}
7dbmutau	$\frac{4G_F}{\sqrt{2}}(dP_R\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}\tau)$	\mathbf{C}
7pdbmutau	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}\tau)$	\mathbf{C}
9dbmutau	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}\tau)$	\mathbf{C}
9pdbmutau	$ \frac{\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{\mu}\sigma_{\mu\nu}\tau)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}\tau)} \\ \frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}\tau) $	\mathbf{C}

dbtaue

WC name	Operator	Type
1dbtaue	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{\tau}\gamma^\mu e)$	С
1pdbtaue	$rac{4G_F}{\sqrt{2}}(ar{d}P_R\gamma_\mu b)(ar{ au}\gamma^\mu e) \ rac{4G_F}{\sqrt{2}}(ar{d}P_L\gamma_\mu b)(ar{ au}\gamma^\mu e)$	\mathbf{C}
3dbtaue	$\frac{4\dot{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}e)$	\mathbf{C}
3pdbtaue	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}e)$	\mathbf{C}
5dbtaue	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}e)}{\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{\tau}e)}$	\mathbf{C}

WC name	Operator	Type
5pdbtaue	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_Lb)(\bar{\tau}e)$	C
7dbtaue	$\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}e)$ $\frac{4\tilde{G}_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}e)$	\mathbf{C}
7pdbtaue	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}e)$	\mathbf{C}
9dbtaue	$\frac{4\dot{G}_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}e)$	\mathbf{C}
9pdbtaue	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}e)$	C

${\tt dbtaumu}$

WC name	Operator	Type
1dbtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{\tau}\gamma^\mu\mu)$	C
1pdbtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{\tau}\gamma^\mu\mu)$	$^{\mathrm{C}}$
3dbtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}\mu)$	$^{\mathrm{C}}$
3pdbtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}b)(\bar{\tau}\gamma^{\mu\nu\rho}\mu)$	$^{\mathrm{C}}$
5dbtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rb)(\bar{ au}\mu)$	$^{\mathrm{C}}$
5pdbtaumu	$\frac{4\ddot{G}_F}{\sqrt{2}}(\bar{d}P_Lb)(\bar{\tau}\mu)$	$^{\mathrm{C}}$
7dbtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\mu)$	$^{\mathrm{C}}$
7pdbtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}b)(\bar{\tau}\sigma_{\mu\nu}\mu)$	$^{\mathrm{C}}$
9dbtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}\mu)$	$^{\mathrm{C}}$
9pdbtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}\mu)$ $\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}b)(\bar{\tau}\gamma^{\mu\nu\rho\sigma}\mu)$	\mathbf{C}

sbnunu

WC name	Operator	Type
Lsbee	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\nu}_e\gamma^\mu\nu_e)$	C
Rsbee	$\frac{4 \overset{\sim}{G_F}}{\sqrt{2}} (\bar{s} P_L \gamma_\mu b) (\bar{\nu}_e \gamma^\mu \nu_e)$	\mathbf{C}
Lsbmumu	$\frac{4 \check{G}_F}{\sqrt{2}} (\bar{s} P_R \gamma_\mu b) (\bar{\nu}_\mu \gamma^\mu \nu_\mu)$	\mathbf{C}
Rsbmumu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{\nu}_\mu\gamma^\mu\nu_\mu)$	\mathbf{C}
Lsbtautau	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\nu}_\tau\gamma^\mu\nu_ au)$	\mathbf{C}
Rsbtautau	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{\nu}_\tau\gamma^\mu\nu_ au)$	\mathbf{C}
Lsbemu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\nu}_e\gamma^\mu\nu_\mu)$	\mathbf{C}
Rsbemu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{\nu}_e\gamma^\mu\nu_\mu)$	\mathbf{C}
Lsbmue	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\nu}_\mu\gamma^\mu\nu_e)$	\mathbf{C}
Rsbmue	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{\nu}_\mu\gamma^\mu\nu_e)$	\mathbf{C}
Lsbetau	$\frac{4\overleftarrow{G_F}}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\nu}_e\gamma^\mu\nu_ au)$	$^{\mathrm{C}}$
Rsbetau	$rac{4\ddot{G}_F}{\sqrt{2}}(ar{s}P_L\gamma_\mu b)(ar{ u}_e\gamma^\mu u_ au)$	\mathbf{C}

WC name	Operator	Type
Lsbtaue	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\nu}_\tau\gamma^\mu\nu_e)$	\overline{C}
Rsbtaue	$rac{4G_F}{\sqrt{2}}(ar{s}P_R\gamma_\mu b)(ar{ u}_ au\gamma^\mu u_e) \ rac{4G_F}{\sqrt{2}}(ar{s}P_L\gamma_\mu b)(ar{ u}_ au\gamma^\mu u_e) \ rac{4G_F}{\sqrt{2}}(ar{s}P_R\gamma_\mu b)(ar{ u}_ au\gamma^\mu u_\mu)$	\mathbf{C}
Lsbtaumu	$\frac{4\breve{G_F}}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\nu}_\tau\gamma^\mu\nu_\mu)$	\mathbf{C}
Rsbtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{\nu}_\tau\gamma^\mu\nu_\mu)$	\mathbf{C}
Lsbmutau	$\frac{4\check{G}_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\nu}_\mu\gamma^\mu u_ au)$	\mathbf{C}
Rsbmutau	$\frac{\frac{4G_F}{\sqrt{2}}(\bar{s}P_R\gamma_\mu b)(\bar{\nu}_\mu\gamma^\mu\nu_\tau)}{\frac{4G_F}{\sqrt{2}}(\bar{s}P_L\gamma_\mu b)(\bar{\nu}_\mu\gamma^\mu\nu_\tau)}$	С

dbnunu

WC name	Operator	Type
Ldbee	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{\nu}_e\gamma^\mu\nu_e)$	C
Rdbee	$\frac{4\overleftarrow{Q_F}}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{\nu}_e\gamma^\mu\nu_e)$	\mathbf{C}
Ldbmumu	$\frac{4\overleftarrow{G_F}}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{ u}_\mu\gamma^\mu u_\mu)$	\mathbf{C}
Rdbmumu	$\frac{4\check{Q}_F^{\Gamma}}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu}b)(\bar{ u}_{\mu}\gamma^{\mu} u_{\mu})$	\mathbf{C}
Ldbtautau	$rac{4reve{Q}_F^{\Gamma}}{\sqrt{2}}(ar{d}P_R\gamma_{\mu}b)(ar{ u}_{ au}\gamma^{\mu} u_{ au})$	\mathbf{C}
Rdbtautau	$\frac{4\check{G_F}}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{ u}_ au\gamma^\mu u_ au)$	$^{\mathrm{C}}$
Ldbemu	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{\nu}_e\gamma^\mu u_\mu)$	$^{\mathrm{C}}$
Rdbemu	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{ u}_e\gamma^\mu u_\mu)$	$^{\mathrm{C}}$
Ldbmue	$\frac{4\tilde{Q}_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{ u}_\mu\gamma^\mu u_e)$	$^{\mathrm{C}}$
Rdbmue	$rac{4ar{G_F}}{\sqrt{2}}(ar{d}P_L\gamma_\mu b)(ar{ u}_\mu\gamma^\mu u_e)$	$^{\mathrm{C}}$
Ldbetau	$\frac{4\check{G_F}}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{ u}_e\gamma^\mu u_ au)$	$^{\mathrm{C}}$
Rdbetau	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{d}P_L\gamma_\mu b)(\bar{ u}_e\gamma^\mu u_ au)$	$^{\mathrm{C}}$
Ldbtaue	$\frac{4\ddot{G_F}}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{ u}_ au\gamma^\mu u_e)$	\mathbf{C}
Rdbtaue	$\frac{4 \overleftarrow{G_F}}{\sqrt{2}} (\bar{d} P_L \gamma_\mu b) (\bar{ u}_ au \gamma^\mu u_e)$	$^{\mathrm{C}}$
Ldbtaumu	$\frac{4\check{G_F}}{\sqrt{2}}(\bar{d}P_R\gamma_\mu b)(\bar{ u}_ au\gamma^\mu u_\mu)$	$^{\mathrm{C}}$
Rdbtaumu	$rac{4ar{G_F}}{\sqrt{2}}(ar{d}P_L\gamma_\mu b)(ar{ u}_ au\gamma^\mu u_\mu)$	\mathbf{C}
Ldbmutau	$rac{4 \overleftarrow{G_F}}{\sqrt{2}} (ar{d} P_R \gamma_\mu b) (ar{ u}_\mu \gamma^\mu u_ au)$	\mathbf{C}
Rdbmutau	$rac{4 \widecheck{G_F}}{\sqrt{2}} (ar{d} P_L \gamma_\mu b) (ar{ u}_\mu \gamma^\mu u_ au)$	\mathbf{C}