

## Basis AFGV-new (EFT WET)

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

### Sectors

#### sdsd

WC name	Operator	Type
1dsds	$\frac{4G_F}{\sqrt{2}} (\bar{d}\gamma_\mu P_L s)(\bar{d}\gamma^\mu P_L s)$	C
5dsds	$\frac{4G_F}{\sqrt{2}} (\bar{d}_\alpha P_L s_\beta)(\bar{d}_\beta P_R s_\alpha)$	C
2dsds	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s)(\bar{d}P_L s)$	C
1pdsds	$\frac{4G_F}{\sqrt{2}} (\bar{d}\gamma_\mu P_R s)(\bar{d}\gamma^\mu P_R s)$	C
3dsds	$\frac{4G_F}{\sqrt{2}} (\bar{d}_\alpha P_L s_\beta)(\bar{d}_\beta P_L s_\alpha)$	C
2pdsds	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s)(\bar{d}P_R s)$	C
4dsds	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s)(\bar{d}P_R s)$	C
3pdsds	$\frac{4G_F}{\sqrt{2}} (\bar{d}_\alpha P_R s_\beta)(\bar{d}_\beta P_R s_\alpha)$	C

#### usenu

WC name	Operator	Type
1usee	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R \gamma^\mu s)(\bar{e}\gamma_\mu \nu_e)$	C
5usee	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R s)(\bar{e}\nu_e)$	C
1pusee	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L \gamma^\mu s)(\bar{e}\gamma_\mu \nu_e)$	C
5pusee	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L s)(\bar{e}\nu_e)$	C
7pusee	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L \sigma^{\mu\nu} s)(\bar{e}\sigma_{\mu\nu} \nu_e)$	C
1usemu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R \gamma^\mu s)(\bar{e}\gamma_\mu \nu_\mu)$	C
5usemu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R s)(\bar{e}\nu_\mu)$	C
1pusemu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L \gamma^\mu s)(\bar{e}\gamma_\mu \nu_\mu)$	C
5pusemu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L s)(\bar{e}\nu_\mu)$	C
7pusemu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L \sigma^{\mu\nu} s)(\bar{e}\sigma_{\mu\nu} \nu_\mu)$	C
1usetau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R \gamma^\mu s)(\bar{e}\gamma_\mu \nu_\tau)$	C
5usetau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R s)(\bar{e}\nu_\tau)$	C
1pusetau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L \gamma^\mu s)(\bar{e}\gamma_\mu \nu_\tau)$	C
5pusetau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L s)(\bar{e}\nu_\tau)$	C
7pusetau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L \sigma^{\mu\nu} s)(\bar{e}\sigma_{\mu\nu} \nu_\tau)$	C

usmunu

WC name	Operator	Type
1usmue	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R\gamma^\mu s)(\bar{\mu}\gamma_\mu\nu_e)$	C
5usmue	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R s)(\bar{\mu}\nu_e)$	C
1pusmue	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L\gamma^\mu s)(\bar{\mu}\gamma_\mu\nu_e)$	C
5pusmue	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L s)(\bar{\mu}\nu_e)$	C
7pusmue	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L\sigma^{\mu\nu} s)(\bar{\mu}\sigma_{\mu\nu}\nu_e)$	C
1usmumu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R\gamma^\mu s)(\bar{\mu}\gamma_\mu\nu_\mu)$	C
5usmumu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R s)(\bar{\mu}\nu_\mu)$	C
1pusmumu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L\gamma^\mu s)(\bar{\mu}\gamma_\mu\nu_\mu)$	C
5pusmumu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L s)(\bar{\mu}\nu_\mu)$	C
7pusmumu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L\sigma^{\mu\nu} s)(\bar{\mu}\sigma_{\mu\nu}\nu_\mu)$	C
1usmutau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R\gamma^\mu s)(\bar{\mu}\gamma_\mu\nu_\tau)$	C
5usmutau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R s)(\bar{\mu}\nu_\tau)$	C
1pusmutau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L\gamma^\mu s)(\bar{\mu}\gamma_\mu\nu_\tau)$	C
5pusmutau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L s)(\bar{\mu}\nu_\tau)$	C
7pusmutau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L\sigma^{\mu\nu} s)(\bar{\mu}\sigma_{\mu\nu}\nu_\tau)$	C

ustaunu

WC name	Operator	Type
1ustaue	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R\gamma^\mu s)(\bar{\tau}\gamma_\mu\nu_e)$	C
5ustaue	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R s)(\bar{\tau}\nu_e)$	C
1pustaue	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L\gamma^\mu s)(\bar{\tau}\gamma_\mu\nu_e)$	C
5pustaue	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L s)(\bar{\tau}\nu_e)$	C
7pustaue	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L\sigma^{\mu\nu} s)(\bar{\tau}\sigma_{\mu\nu}\nu_e)$	C
1ustaumu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R\gamma^\mu s)(\bar{\tau}\gamma_\mu\nu_\mu)$	C
5ustaumu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R s)(\bar{\tau}\nu_\mu)$	C
1pustaumu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L\gamma^\mu s)(\bar{\tau}\gamma_\mu\nu_\mu)$	C
5pustaumu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L s)(\bar{\tau}\nu_\mu)$	C
7pustaumu	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L\sigma^{\mu\nu} s)(\bar{\tau}\sigma_{\mu\nu}\nu_\mu)$	C
1ustautau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R\gamma^\mu s)(\bar{\tau}\gamma_\mu\nu_\tau)$	C
5ustautau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_R s)(\bar{\tau}\nu_\tau)$	C
1pustautau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L\gamma^\mu s)(\bar{\tau}\gamma_\mu\nu_\tau)$	C
5pustautau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L s)(\bar{\tau}\nu_\tau)$	C
7pustautau	$\frac{4G_F}{\sqrt{2}} (\bar{u}P_L\sigma^{\mu\nu} s)(\bar{\tau}\sigma_{\mu\nu}\nu_\tau)$	C

**csenu**

WC name	Operator	Type
1csee	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R\gamma^\mu s)(\bar{e}\gamma_\mu\nu_e)$	C
5csee	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R s)(\bar{e}\nu_e)$	C
1pcsee	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\gamma^\mu s)(\bar{e}\gamma_\mu\nu_e)$	C
5pcsee	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L s)(\bar{e}\nu_e)$	C
7pcsee	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\sigma^{\mu\nu} s)(\bar{e}\sigma_{\mu\nu}\nu_e)$	C
1csemu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R\gamma^\mu s)(\bar{e}\gamma_\mu\nu_\mu)$	C
5csemu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R s)(\bar{e}\nu_\mu)$	C
1pcsemu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\gamma^\mu s)(\bar{e}\gamma_\mu\nu_\mu)$	C
5pcsemu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L s)(\bar{e}\nu_\mu)$	C
7pcsemu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\sigma^{\mu\nu} s)(\bar{e}\sigma_{\mu\nu}\nu_\mu)$	C
1csetau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R\gamma^\mu s)(\bar{e}\gamma_\mu\nu_\tau)$	C
5csetau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R s)(\bar{e}\nu_\tau)$	C
1pcsetau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\gamma^\mu s)(\bar{e}\gamma_\mu\nu_\tau)$	C
5pcsetau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L s)(\bar{e}\nu_\tau)$	C
7pcsetau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\sigma^{\mu\nu} s)(\bar{e}\sigma_{\mu\nu}\nu_\tau)$	C

**csmunu**

WC name	Operator	Type
1csmue	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R\gamma^\mu s)(\bar{\mu}\gamma_\mu\nu_e)$	C
5csmue	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R s)(\bar{\mu}\nu_e)$	C
1pcsmue	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\gamma^\mu s)(\bar{\mu}\gamma_\mu\nu_e)$	C
5pcsmue	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L s)(\bar{\mu}\nu_e)$	C
7pcsmue	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\sigma^{\mu\nu} s)(\bar{\mu}\sigma_{\mu\nu}\nu_e)$	C
1csmumu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R\gamma^\mu s)(\bar{\mu}\gamma_\mu\nu_\mu)$	C
5csmumu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R s)(\bar{\mu}\nu_\mu)$	C
1pcsmumu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\gamma^\mu s)(\bar{\mu}\gamma_\mu\nu_\mu)$	C
5pcsmumu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L s)(\bar{\mu}\nu_\mu)$	C
7pcsmumu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\sigma^{\mu\nu} s)(\bar{\mu}\sigma_{\mu\nu}\nu_\mu)$	C
1csmutau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R\gamma^\mu s)(\bar{\mu}\gamma_\mu\nu_\tau)$	C
5csmutau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R s)(\bar{\mu}\nu_\tau)$	C
1pcsmutau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\gamma^\mu s)(\bar{\mu}\gamma_\mu\nu_\tau)$	C
5pcsmutau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L s)(\bar{\mu}\nu_\tau)$	C
7pcsmutau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\sigma^{\mu\nu} s)(\bar{\mu}\sigma_{\mu\nu}\nu_\tau)$	C

**cstaunu**

WC name	Operator	Type
1cstaue	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R\gamma^\mu s)(\bar{\tau}\gamma_\mu\nu_e)$	C
5cstaue	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R s)(\bar{\tau}\nu_e)$	C
1pcstaue	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\gamma^\mu s)(\bar{\tau}\gamma_\mu\nu_e)$	C
5pcstaue	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L s)(\bar{\tau}\nu_e)$	C
7pcstaue	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\sigma^{\mu\nu} s)(\bar{\tau}\sigma_{\mu\nu}\nu_e)$	C
1cstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R\gamma^\mu s)(\bar{\tau}\gamma_\mu\nu_\mu)$	C
5cstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R s)(\bar{\tau}\nu_\mu)$	C
1pcstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\gamma^\mu s)(\bar{\tau}\gamma_\mu\nu_\mu)$	C
5pcstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L s)(\bar{\tau}\nu_\mu)$	C
7pcstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\sigma^{\mu\nu} s)(\bar{\tau}\sigma_{\mu\nu}\nu_\mu)$	C
1cstautau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R\gamma^\mu s)(\bar{\tau}\gamma_\mu\nu_\tau)$	C
5cstautau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_R s)(\bar{\tau}\nu_\tau)$	C
1pcstautau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\gamma^\mu s)(\bar{\tau}\gamma_\mu\nu_\tau)$	C
5pcstautau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L s)(\bar{\tau}\nu_\tau)$	C
7pcstautau	$\frac{4G_F}{\sqrt{2}} (\bar{c}P_L\sigma^{\mu\nu} s)(\bar{\tau}\sigma_{\mu\nu}\nu_\tau)$	C

**sdsc**

WC name	Operator	Type
1dsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_\mu s)(\bar{u}\gamma^\mu c)$	C
2dsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_\mu T^A s)(\bar{u}\gamma^\mu T^A c)$	C
3dsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_{\mu\nu\rho} s)(\bar{u}\gamma^{\mu\nu\rho} c)$	C
4dsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_{\mu\nu\rho} T^A s)(\bar{u}\gamma^{\mu\nu\rho} T^A c)$	C
5dsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s)(\bar{u}c)$	C
6dsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R T^A s)(\bar{u}T^A c)$	C
7dsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\sigma^{\mu\nu} s)(\bar{u}\sigma_{\mu\nu} c)$	C
8dsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\sigma^{\mu\nu} T^A s)(\bar{u}\sigma_{\mu\nu} T^A c)$	C
9dsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_{\mu\nu\rho\sigma} s)(\bar{u}\gamma^{\mu\nu\rho\sigma} c)$	C
10dsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_{\mu\nu\rho\sigma} T^A s)(\bar{u}\gamma^{\mu\nu\rho\sigma} T^A c)$	C
1pdsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\gamma_\mu s)(\bar{u}\gamma^\mu c)$	C
2pdsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\gamma_\mu T^A s)(\bar{u}\gamma^\mu T^A c)$	C
3pdsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\gamma_{\mu\nu\rho} s)(\bar{u}\gamma^{\mu\nu\rho} c)$	C
4pdsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\gamma_{\mu\nu\rho} T^A s)(\bar{u}\gamma^{\mu\nu\rho} T^A c)$	C
5pdsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s)(\bar{u}c)$	C

WC name	Operator	Type
6pdsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L T^A s)(\bar{u}T^A c)$	C
7pdsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} s)(\bar{u}\sigma_{\mu\nu} c)$	C
8pdsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} T^A s)(\bar{u}\sigma_{\mu\nu} T^A c)$	C
9pdsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} s)(\bar{u}\gamma^{\mu\nu\rho\sigma} c)$	C
10pdsuc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} T^A s)(\bar{u}\gamma^{\mu\nu\rho\sigma} T^A c)$	C

### sdcu

WC name	Operator	Type
1dscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_\mu s)(\bar{c}\gamma^\mu u)$	C
2dscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_\mu T^A s)(\bar{c}\gamma^\mu T^A u)$	C
3dscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho} s)(\bar{c}\gamma^{\mu\nu\rho} u)$	C
4dscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho} T^A s)(\bar{c}\gamma^{\mu\nu\rho} T^A u)$	C
5dscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s)(\bar{c}u)$	C
6dscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R T^A s)(\bar{c}T^A u)$	C
7dscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \sigma^{\mu\nu} s)(\bar{c}\sigma_{\mu\nu} u)$	C
8dscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \sigma^{\mu\nu} T^A s)(\bar{c}\sigma_{\mu\nu} T^A u)$	C
9dscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho\sigma} s)(\bar{c}\gamma^{\mu\nu\rho\sigma} u)$	C
10dscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho\sigma} T^A s)(\bar{c}\gamma^{\mu\nu\rho\sigma} T^A u)$	C
1pdscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_\mu s)(\bar{c}\gamma^\mu u)$	C
2pdscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_\mu T^A s)(\bar{c}\gamma^\mu T^A u)$	C
3pdscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho} s)(\bar{c}\gamma^{\mu\nu\rho} u)$	C
4pdscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho} T^A s)(\bar{c}\gamma^{\mu\nu\rho} T^A u)$	C
5pdscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s)(\bar{c}u)$	C
6pdscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L T^A s)(\bar{c}T^A u)$	C
7pdscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} s)(\bar{c}\sigma_{\mu\nu} u)$	C
8pdscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} T^A s)(\bar{c}\sigma_{\mu\nu} T^A u)$	C
9pdscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} s)(\bar{c}\gamma^{\mu\nu\rho\sigma} u)$	C
10pdscu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} T^A s)(\bar{c}\gamma^{\mu\nu\rho\sigma} T^A u)$	C

### sd

WC name	Operator	Type
7gammad	$\frac{4G_F}{\sqrt{2}} \frac{e}{g_d^2} m_s (\bar{d}P_R \sigma_{\mu\nu} s) F^{\mu\nu}$	C
8gd	$\frac{4G_F}{\sqrt{2}} \frac{1}{g_d} m_s (\bar{d}P_R \sigma_{\mu\nu} T^A s) G_A^{\mu\nu}$	C

WC name	Operator	Type
7pgammad	$\frac{4G_F}{\sqrt{2}} \frac{e}{g_d^2} m_s (\bar{d} P_L \sigma_{\mu\nu} s) F^{\mu\nu}$	C
8pgd	$\frac{4G_F}{\sqrt{2}} \frac{1}{g_d} m_s (\bar{d} P_L \sigma_{\mu\nu} T^A s) G_A^{\mu\nu}$	C
1dsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \gamma_\mu s) (\bar{u} \gamma^\mu u)$	C
2dsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \gamma_\mu T^A s) (\bar{u} \gamma^\mu T^A u)$	C
3dsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \gamma_{\mu\nu\rho} s) (\bar{u} \gamma^{\mu\nu\rho} u)$	C
4dsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \gamma_{\mu\nu\rho} T^A s) (\bar{u} \gamma^{\mu\nu\rho} T^A u)$	C
5dsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R s) (\bar{u} u)$	C
6dsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R T^A s) (\bar{u} T^A u)$	C
7dsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \sigma^{\mu\nu} s) (\bar{u} \sigma_{\mu\nu} u)$	C
8dsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \sigma^{\mu\nu} T^A s) (\bar{u} \sigma_{\mu\nu} T^A u)$	C
9dsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \gamma_{\mu\nu\rho\sigma} s) (\bar{u} \gamma^{\mu\nu\rho\sigma} u)$	C
10dsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \gamma_{\mu\nu\rho\sigma} T^A s) (\bar{u} \gamma^{\mu\nu\rho\sigma} T^A u)$	C
1pdsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L \gamma_\mu s) (\bar{u} \gamma^\mu u)$	C
2pdsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L \gamma_\mu T^A s) (\bar{u} \gamma^\mu T^A u)$	C
3pdsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L \gamma_{\mu\nu\rho} s) (\bar{u} \gamma^{\mu\nu\rho} u)$	C
4pdsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L \gamma_{\mu\nu\rho} T^A s) (\bar{u} \gamma^{\mu\nu\rho} T^A u)$	C
5pdsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L s) (\bar{u} u)$	C
6pdsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L T^A s) (\bar{u} T^A u)$	C
7pdsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L \sigma^{\mu\nu} s) (\bar{u} \sigma_{\mu\nu} u)$	C
8pdsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L \sigma^{\mu\nu} T^A s) (\bar{u} \sigma_{\mu\nu} T^A u)$	C
9pdsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L \gamma_{\mu\nu\rho\sigma} s) (\bar{u} \gamma^{\mu\nu\rho\sigma} u)$	C
10pdsuu	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L \gamma_{\mu\nu\rho\sigma} T^A s) (\bar{u} \gamma^{\mu\nu\rho\sigma} T^A u)$	C
1dscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \gamma_\mu s) (\bar{c} \gamma^\mu c)$	C
2dscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \gamma_\mu T^A s) (\bar{c} \gamma^\mu T^A c)$	C
3dscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \gamma_{\mu\nu\rho} s) (\bar{c} \gamma^{\mu\nu\rho} c)$	C
4dscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \gamma_{\mu\nu\rho} T^A s) (\bar{c} \gamma^{\mu\nu\rho} T^A c)$	C
5dscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R s) (\bar{c} c)$	C
6dscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R T^A s) (\bar{c} T^A c)$	C
7dscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \sigma^{\mu\nu} s) (\bar{c} \sigma_{\mu\nu} c)$	C
8dscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \sigma^{\mu\nu} T^A s) (\bar{c} \sigma_{\mu\nu} T^A c)$	C
9dscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \gamma_{\mu\nu\rho\sigma} s) (\bar{c} \gamma^{\mu\nu\rho\sigma} c)$	C
10dscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_R \gamma_{\mu\nu\rho\sigma} T^A s) (\bar{c} \gamma^{\mu\nu\rho\sigma} T^A c)$	C
1pdscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L \gamma_\mu s) (\bar{c} \gamma^\mu c)$	C
2pdscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L \gamma_\mu T^A s) (\bar{c} \gamma^\mu T^A c)$	C
3pdscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L \gamma_{\mu\nu\rho} s) (\bar{c} \gamma^{\mu\nu\rho} c)$	C
4pdscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L \gamma_{\mu\nu\rho} T^A s) (\bar{c} \gamma^{\mu\nu\rho} T^A c)$	C
5pdscc	$\frac{4G_F}{\sqrt{2}} (\bar{d} P_L s) (\bar{c} c)$	C

WC name	Operator	Type
6pdscc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L T^A s)(\bar{c}T^A c)$	C
7pdscc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} s)(\bar{c}\sigma_{\mu\nu} c)$	C
8pdscc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} T^A s)(\bar{c}\sigma_{\mu\nu} T^A c)$	C
9pdscc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} s)(\bar{c}\gamma^{\mu\nu\rho\sigma} c)$	C
10pdscc	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} T^A s)(\bar{c}\gamma^{\mu\nu\rho\sigma} T^A c)$	C
1dsss	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_\mu s)(\bar{s}\gamma^\mu s)$	C
3dsss	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho} s)(\bar{s}\gamma^{\mu\nu\rho} s)$	C
5dsss	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s)(\bar{s}s)$	C
7dsss	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \sigma^{\mu\nu} s)(\bar{s}\sigma_{\mu\nu} s)$	C
9dsss	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho\sigma} s)(\bar{s}\gamma^{\mu\nu\rho\sigma} s)$	C
1pdsss	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_\mu s)(\bar{s}\gamma^\mu s)$	C
3pdsss	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho} s)(\bar{s}\gamma^{\mu\nu\rho} s)$	C
5pdsss	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s)(\bar{s}s)$	C
7pdsss	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} s)(\bar{s}\sigma_{\mu\nu} s)$	C
9pdsss	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} s)(\bar{s}\gamma^{\mu\nu\rho\sigma} s)$	C
1dsdd	$\frac{4G_F}{\sqrt{2}} (\bar{d}\gamma_\mu P_L s)(\bar{d}\gamma^\mu d)$	C
1pdsdd	$\frac{4G_F}{\sqrt{2}} (\bar{d}\gamma_\mu P_R s)(\bar{d}\gamma^\mu d)$	C
3dsdd	$\frac{4G_F}{\sqrt{2}} (\bar{d}\gamma_{\mu\nu\rho} P_L s)(\bar{d}\gamma^{\mu\nu\rho} d)$	C
3pdsdd	$\frac{4G_F}{\sqrt{2}} (\bar{d}\gamma_{\mu\nu\rho} P_R s)(\bar{d}\gamma^{\mu\nu\rho} d)$	C
5dsdd	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s)(\bar{d}d)$	C
5pdsdd	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s)(\bar{d}d)$	C
7dsdd	$\frac{4G_F}{\sqrt{2}} (\bar{d}\sigma^{\mu\nu} P_L s)(\bar{d}\sigma_{\mu\nu} d)$	C
7pdsdd	$\frac{4G_F}{\sqrt{2}} (\bar{d}\sigma^{\mu\nu} P_R s)(\bar{d}\sigma_{\mu\nu} d)$	C
9dsdd	$\frac{4G_F}{\sqrt{2}} (\bar{d}\gamma_{\mu\nu\rho\sigma} P_L s)(\bar{d}\gamma^{\mu\nu\rho\sigma} d)$	C
9pdsdd	$\frac{4G_F}{\sqrt{2}} (\bar{d}\gamma_{\mu\nu\rho\sigma} P_R s)(\bar{d}\gamma^{\mu\nu\rho\sigma} d)$	C
1dsee	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_\mu s)(\bar{e}\gamma^\mu e)$	C
1pdsee	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_\mu s)(\bar{e}\gamma^\mu e)$	C
3dsee	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho} s)(\bar{e}\gamma^{\mu\nu\rho} e)$	C
3pdsee	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho} s)(\bar{e}\gamma^{\mu\nu\rho} e)$	C
5dsee	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s)(\bar{e}e)$	C
5pdsee	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s)(\bar{e}e)$	C
7dsee	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \sigma^{\mu\nu} s)(\bar{e}\sigma_{\mu\nu} e)$	C
7pdsee	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} s)(\bar{e}\sigma_{\mu\nu} e)$	C
9dsee	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho\sigma} s)(\bar{e}\gamma^{\mu\nu\rho\sigma} e)$	C
9pdsee	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} s)(\bar{e}\gamma^{\mu\nu\rho\sigma} e)$	C
1dsmumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_\mu s)(\bar{\mu}\gamma^\mu \mu)$	C
1pdsdumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_\mu s)(\bar{\mu}\gamma^\mu \mu)$	C

WC name	Operator	Type
3dsmumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho} s) (\bar{\mu} \gamma^{\mu\nu\rho} \mu)$	C
3pdsmumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho} s) (\bar{\mu} \gamma^{\mu\nu\rho} \mu)$	C
5dsmumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s) (\bar{\mu} \mu)$	C
5pdsmumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s) (\bar{\mu} \mu)$	C
7dsmumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \sigma^{\mu\nu} s) (\bar{\mu} \sigma_{\mu\nu} \mu)$	C
7pdsmumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} s) (\bar{\mu} \sigma_{\mu\nu} \mu)$	C
9dsmumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho\sigma} s) (\bar{\mu} \gamma^{\mu\nu\rho\sigma} \mu)$	C
9pdsmumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} s) (\bar{\mu} \gamma^{\mu\nu\rho\sigma} \mu)$	C
1dstautau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu} s) (\bar{\tau} \gamma^{\mu} \tau)$	C
1pdstautau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu} s) (\bar{\tau} \gamma^{\mu} \tau)$	C
3dstautau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho} s) (\bar{\tau} \gamma^{\mu\nu\rho} \tau)$	C
3pdstautau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho} s) (\bar{\tau} \gamma^{\mu\nu\rho} \tau)$	C
5dstautau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s) (\bar{\tau} \tau)$	C
5pdstautau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s) (\bar{\tau} \tau)$	C
7dstautau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \sigma^{\mu\nu} s) (\bar{\tau} \sigma_{\mu\nu} \tau)$	C
7pdstautau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} s) (\bar{\tau} \sigma_{\mu\nu} \tau)$	C
9dstautau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho\sigma} s) (\bar{\tau} \gamma^{\mu\nu\rho\sigma} \tau)$	C
9pdstautau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} s) (\bar{\tau} \gamma^{\mu\nu\rho\sigma} \tau)$	C

#### sdemu

WC name	Operator	Type
1dsemu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu} s) (\bar{e} \gamma^{\mu} \mu)$	C
1pdsemu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu} s) (\bar{e} \gamma^{\mu} \mu)$	C
3dsemu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho} s) (\bar{e} \gamma^{\mu\nu\rho} \mu)$	C
3pdsemu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho} s) (\bar{e} \gamma^{\mu\nu\rho} \mu)$	C
5dsemu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s) (\bar{e} \mu)$	C
5pdsemu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s) (\bar{e} \mu)$	C
7dsemu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \sigma^{\mu\nu} s) (\bar{e} \sigma_{\mu\nu} \mu)$	C
7pdsemu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} s) (\bar{e} \sigma_{\mu\nu} \mu)$	C
9dsemu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho\sigma} s) (\bar{e} \gamma^{\mu\nu\rho\sigma} \mu)$	C
9pdsemu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} s) (\bar{e} \gamma^{\mu\nu\rho\sigma} \mu)$	C

#### sdetau



WC name	Operator	Type
1dsetau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_\mu s)(\bar{e}\gamma^\mu\tau)$	C
1pdsetau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\gamma_\mu s)(\bar{e}\gamma^\mu\tau)$	C
3dsetau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_{\mu\nu\rho}s)(\bar{e}\gamma^{\mu\nu\rho}\tau)$	C
3pdsetau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\gamma_{\mu\nu\rho}s)(\bar{e}\gamma^{\mu\nu\rho}\tau)$	C
5dsetau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s)(\bar{e}\tau)$	C
5pdsetau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s)(\bar{e}\tau)$	C
7dsetau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\sigma^{\mu\nu}s)(\bar{e}\sigma_{\mu\nu}\tau)$	C
7pdsetau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\sigma^{\mu\nu}s)(\bar{e}\sigma_{\mu\nu}\tau)$	C
9dsetau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_{\mu\nu\rho\sigma}s)(\bar{e}\gamma^{\mu\nu\rho\sigma}\tau)$	C
9pdsetau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\gamma_{\mu\nu\rho\sigma}s)(\bar{e}\gamma^{\mu\nu\rho\sigma}\tau)$	C

#### sdmue

WC name	Operator	Type
1dsmue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_\mu s)(\bar{\mu}\gamma^\mu e)$	C
1pdsmue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\gamma_\mu s)(\bar{\mu}\gamma^\mu e)$	C
3dsmue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_{\mu\nu\rho}s)(\bar{\mu}\gamma^{\mu\nu\rho}e)$	C
3pdsmue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\gamma_{\mu\nu\rho}s)(\bar{\mu}\gamma^{\mu\nu\rho}e)$	C
5dsmue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s)(\bar{\mu}e)$	C
5pdsmue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s)(\bar{\mu}e)$	C
7dsmue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\sigma^{\mu\nu}s)(\bar{\mu}\sigma_{\mu\nu}e)$	C
7pdsmue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\sigma^{\mu\nu}s)(\bar{\mu}\sigma_{\mu\nu}e)$	C
9dsmue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_{\mu\nu\rho\sigma}s)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}e)$	C
9pdsmue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\gamma_{\mu\nu\rho\sigma}s)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}e)$	C

#### sdmutau

WC name	Operator	Type
1dsmutau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_\mu s)(\bar{\mu}\gamma^\mu\tau)$	C
1pdsmutau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\gamma_\mu s)(\bar{\mu}\gamma^\mu\tau)$	C
3dsmutau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\gamma_{\mu\nu\rho}s)(\bar{\mu}\gamma^{\mu\nu\rho}\tau)$	C
3pdsmutau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L\gamma_{\mu\nu\rho}s)(\bar{\mu}\gamma^{\mu\nu\rho}\tau)$	C
5dsmutau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s)(\bar{\mu}\tau)$	C
5pdsmutau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s)(\bar{\mu}\tau)$	C
7dsmutau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R\sigma^{\mu\nu}s)(\bar{\mu}\sigma_{\mu\nu}\tau)$	C

WC name	Operator	Type
7pdsmtau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} s)(\bar{\mu} \sigma_{\mu\nu} \tau)$	C
9dsmtau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho\sigma} s)(\bar{\mu} \gamma^{\mu\nu\rho\sigma} \tau)$	C
9pdsmtau	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} s)(\bar{\mu} \gamma^{\mu\nu\rho\sigma} \tau)$	C

#### sdtaue

WC name	Operator	Type
1dstaue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_\mu s)(\bar{\tau} \gamma^\mu e)$	C
1pdstaue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_\mu s)(\bar{\tau} \gamma^\mu e)$	C
3dstaue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho} s)(\bar{\tau} \gamma^{\mu\nu\rho} e)$	C
3pdstaue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho} s)(\bar{\tau} \gamma^{\mu\nu\rho} e)$	C
5dstaue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s)(\bar{\tau} e)$	C
5pdstaue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s)(\bar{\tau} e)$	C
7dstaue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \sigma^{\mu\nu} s)(\bar{\tau} \sigma_{\mu\nu} e)$	C
7pdstaue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} s)(\bar{\tau} \sigma_{\mu\nu} e)$	C
9dstaue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho\sigma} s)(\bar{\tau} \gamma^{\mu\nu\rho\sigma} e)$	C
9pdstaue	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} s)(\bar{\tau} \gamma^{\mu\nu\rho\sigma} e)$	C

#### sdtaumu

WC name	Operator	Type
1dstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_\mu s)(\bar{\tau} \gamma^\mu \mu)$	C
1pdstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_\mu s)(\bar{\tau} \gamma^\mu \mu)$	C
3dstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho} s)(\bar{\tau} \gamma^{\mu\nu\rho} \mu)$	C
3pdstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho} s)(\bar{\tau} \gamma^{\mu\nu\rho} \mu)$	C
5dstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R s)(\bar{\tau} \mu)$	C
5pdstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L s)(\bar{\tau} \mu)$	C
7dstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \sigma^{\mu\nu} s)(\bar{\tau} \sigma_{\mu\nu} \mu)$	C
7pdstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \sigma^{\mu\nu} s)(\bar{\tau} \sigma_{\mu\nu} \mu)$	C
9dstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_R \gamma_{\mu\nu\rho\sigma} s)(\bar{\tau} \gamma^{\mu\nu\rho\sigma} \mu)$	C
9pdstaumu	$\frac{4G_F}{\sqrt{2}} (\bar{d}P_L \gamma_{\mu\nu\rho\sigma} s)(\bar{\tau} \gamma^{\mu\nu\rho\sigma} \mu)$	C

#### sdnunu

WC name	Operator	Type
Ldsee	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_e\gamma^\mu\nu_e)$	C
Rdsee	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_e\gamma^\mu\nu_e)$	C
Ldsmumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_\mu\gamma^\mu\nu_\mu)$	C
Rdsmumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_\mu\gamma^\mu\nu_\mu)$	C
Ldstautau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_\tau\gamma^\mu\nu_\tau)$	C
Rdstautau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_\tau\gamma^\mu\nu_\tau)$	C
Ldsemu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_e\gamma^\mu\nu_\mu)$	C
Rdsemu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_e\gamma^\mu\nu_\mu)$	C
Ldsmue	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_\mu\gamma^\mu\nu_e)$	C
Rdsmue	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_\mu\gamma^\mu\nu_e)$	C
Ldsetau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_e\gamma^\mu\nu_\tau)$	C
Rdsetau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_e\gamma^\mu\nu_\tau)$	C
Ldstaue	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_\tau\gamma^\mu\nu_e)$	C
Rdstaue	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_\tau\gamma^\mu\nu_e)$	C
Ldstaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_\tau\gamma^\mu\nu_\mu)$	C
Rdstaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_\tau\gamma^\mu\nu_\mu)$	C
Ldsmutau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_\mu\gamma^\mu\nu_\tau)$	C
Rdsmutau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_\mu\gamma^\mu\nu_\tau)$	C