Basis `Bern` (EFT `WET-4`)

Sectors

The effective Lagrangian is defined as

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

`udenu`

WC name	Operator	Type
`1udee`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R\gamma^\mu d)(\bar{e}\gamma_\mu\nu_e)$	C
`5udee`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R d)(\bar{e}\nu_e)$	C
`1pudee`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu d)(\bar{e}\gamma_\mu\nu_e)$	C
`5pudee`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L d)(\bar{e}\nu_e)$	C
`7pudee`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu} d)(\bar{e}\sigma_{\mu\nu}\nu_e)$	C
`1udemu`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R\gamma^\mu d)(\bar{e}\gamma_\mu\nu_\mu)$	C
`5udemu`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R d)(\bar{e}\nu_\mu)$	C
`1pudemu`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu d)(\bar{e}\gamma_\mu\nu_\mu)$	C
`5pudemu`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L d)(\bar{e}\nu_\mu)$	C
`7pudemu`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu} d)(\bar{e}\sigma_{\mu\nu}\nu_\mu)$	C
`1udetau`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R\gamma^\mu d)(\bar{e}\gamma_\mu\nu_\tau)$	C
`5udetau`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R d)(\bar{e}\nu_\tau)$	C
`1pudetau`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu d)(\bar{e}\gamma_\mu\nu_\tau)$	C
`5pudetau`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L d)(\bar{e}\nu_\tau)$	C
`7pudetau`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu} d)(\bar{e}\sigma_{\mu\nu}\nu_\tau)$	C

`udmunu`

WC name	Operator	Type
`1udmue`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R\gamma^\mu d)(\bar{\mu}\gamma_\mu\nu_e)$	C
`5udmue`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R d)(\bar{\mu}\nu_e)$	C
`1pudmue`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu d)(\bar{\mu}\gamma_\mu\nu_e)$	C
`5pudmue`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L d)(\bar{\mu}\nu_e)$	C
`7pudmue`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu} d)(\bar{\mu}\sigma_{\mu\nu}\nu_e)$	C
`1udmumu`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R\gamma^\mu d)(\bar{\mu}\gamma_\mu\nu_\mu)$	C
`5udmumu`	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R d)(\bar{\mu}\nu_\mu)$	C

WC name	Operator	Type
1pudmumu	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu d)(\bar{\mu}\gamma_\mu\nu_\mu)$	C
5pudmumu	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L d)(\bar{\mu}\nu_\mu)$	C
7pudmumu	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu} d)(\bar{\mu}\sigma_{\mu\nu}\nu_\mu)$	C
1udmutau	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R\gamma^\mu d)(\bar{\mu}\gamma_\mu\nu_\tau)$	C
5udmutau	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R d)(\bar{\mu}\nu_\tau)$	C
1pudmutau	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu d)(\bar{\mu}\gamma_\mu\nu_\tau)$	C
5pudmutau	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L d)(\bar{\mu}\nu_\tau)$	C
7pudmutau	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu} d)(\bar{\mu}\sigma_{\mu\nu}\nu_\tau)$	C

udtaunu

WC name	Operator	Type
1udtaue	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R\gamma^\mu d)(\bar{\tau}\gamma_\mu\nu_e)$	C
5udtaue	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R d)(\bar{\tau}\nu_e)$	C
1pudtaue	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu d)(\bar{\tau}\gamma_\mu\nu_e)$	C
5pudtaue	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L d)(\bar{\tau}\nu_e)$	C
7pudtaue	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu} d)(\bar{\tau}\sigma_{\mu\nu}\nu_e)$	C
1udtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R\gamma^\mu d)(\bar{\tau}\gamma_\mu\nu_\mu)$	C
5udtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R d)(\bar{\tau}\nu_\mu)$	C
1pudtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu d)(\bar{\tau}\gamma_\mu\nu_\mu)$	C
5pudtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L d)(\bar{\tau}\nu_\mu)$	C
7pudtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu} d)(\bar{\tau}\sigma_{\mu\nu}\nu_\mu)$	C
1udtautau	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R\gamma^\mu d)(\bar{\tau}\gamma_\mu\nu_\tau)$	C
5udtautau	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_R d)(\bar{\tau}\nu_\tau)$	C
1pudtautau	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\gamma^\mu d)(\bar{\tau}\gamma_\mu\nu_\tau)$	C
5pudtautau	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L d)(\bar{\tau}\nu_\tau)$	C
7pudtautau	$\frac{4G_F}{\sqrt{2}}(\bar{u}P_L\sigma^{\mu\nu} d)(\bar{\tau}\sigma_{\mu\nu}\nu_\tau)$	C

cdenu

WC name	Operator	Type
1cdee	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^\mu d)(\bar{e}\gamma_\mu\nu_e)$	C
5cdee	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R d)(\bar{e}\nu_e)$	C
1pcdee	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\gamma^\mu d)(\bar{e}\gamma_\mu\nu_e)$	C
5pcdee	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L d)(\bar{e}\nu_e)$	C

WC name	Operator	Type
7pcdee	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}d)(\bar{e}\sigma_{\mu\nu}\nu_e)$	C
1cdemu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^{\mu}d)(\bar{e}\gamma_{\mu}\nu_{\mu})$	C
5cdemu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Rd)(\bar{e}\nu_{\mu})$	C
1pcdemu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\gamma^{\mu}d)(\bar{e}\gamma_{\mu}\nu_{\mu})$	C
5pcdemu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Ld)(\bar{e}\nu_{\mu})$	C
7pcdemu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}d)(\bar{e}\sigma_{\mu\nu}\nu_{\mu})$	C
1cdetau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^{\mu}d)(\bar{e}\gamma_{\mu}\nu_{\tau})$	C
5cdetau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Rd)(\bar{e}\nu_{\tau})$	C
1pcdetau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\gamma^{\mu}d)(\bar{e}\gamma_{\mu}\nu_{\tau})$	C
5pcdetau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Ld)(\bar{e}\nu_{\tau})$	C
7pcdetau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}d)(\bar{e}\sigma_{\mu\nu}\nu_{\tau})$	C

cdmunu

WC name	Operator	Type
1cdmue	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^{\mu}d)(\bar{\mu}\gamma_{\mu}\nu_e)$	C
5cdmue	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Rd)(\bar{\mu}\nu_e)$	C
1pcdmue	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\gamma^{\mu}d)(\bar{\mu}\gamma_{\mu}\nu_e)$	C
5pcdmue	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Ld)(\bar{\mu}\nu_e)$	C
7pcdmue	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}d)(\bar{\mu}\sigma_{\mu\nu}\nu_e)$	C
1cdmumu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^{\mu}d)(\bar{\mu}\gamma_{\mu}\nu_{\mu})$	C
5cdmumu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Rd)(\bar{\mu}\nu_{\mu})$	C
1pcdmumu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\gamma^{\mu}d)(\bar{\mu}\gamma_{\mu}\nu_{\mu})$	C
5pcdmumu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Ld)(\bar{\mu}\nu_{\mu})$	C
7pcdmumu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}d)(\bar{\mu}\sigma_{\mu\nu}\nu_{\mu})$	C
1cdmutau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^{\mu}d)(\bar{\mu}\gamma_{\mu}\nu_{\tau})$	C
5cdmutau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Rd)(\bar{\mu}\nu_{\tau})$	C
1pcdmutau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\gamma^{\mu}d)(\bar{\mu}\gamma_{\mu}\nu_{\tau})$	C
5pcdmutau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_Ld)(\bar{\mu}\nu_{\tau})$	C
7pcdmutau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu}d)(\bar{\mu}\sigma_{\mu\nu}\nu_{\tau})$	C

cdtaunu

WC name	Operator	Type
1cdtaue	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^{\mu}d)(\bar{\tau}\gamma_{\mu}\nu_e)$	C

WC name	Operator	Type
5cdtaue	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R d)(\bar{\tau}\nu_e)$	C
1pcdtaue	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\gamma^\mu d)(\bar{\tau}\gamma_\mu\nu_e)$	C
5pcdtaue	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L d)(\bar{\tau}\nu_e)$	C
7pcdtaue	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu} d)(\bar{\tau}\sigma_{\mu\nu}\nu_e)$	C
1cdtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^\mu d)(\bar{\tau}\gamma_\mu\nu_\mu)$	C
5cdtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R d)(\bar{\tau}\nu_\mu)$	C
1pcdtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\gamma^\mu d)(\bar{\tau}\gamma_\mu\nu_\mu)$	C
5pcdtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L d)(\bar{\tau}\nu_\mu)$	C
7pcdtaumu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu} d)(\bar{\tau}\sigma_{\mu\nu}\nu_\mu)$	C
1cdtautau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R\gamma^\mu d)(\bar{\tau}\gamma_\mu\nu_\tau)$	C
5cdtautau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R d)(\bar{\tau}\nu_\tau)$	C
1pcdtautau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\gamma^\mu d)(\bar{\tau}\gamma_\mu\nu_\tau)$	C
5pcdtautau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L d)(\bar{\tau}\nu_\tau)$	C
7pcdtautau	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L\sigma^{\mu\nu} d)(\bar{\tau}\sigma_{\mu\nu}\nu_\tau)$	C

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

WC name	Operator	Type
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

WC name	Operator	Type
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

sdcu

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
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

sduc

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

WC name	Operator	Type
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
7gammads	$\frac{4G_F}{\sqrt{2}}\frac{e}{g_s^2}m_s(\bar{d}P_R\sigma_{\mu\nu} s)F^{\mu\nu}$	C
8gds	$\frac{4G_F}{\sqrt{2}}\frac{1}{g_s}m_s(\bar{d}P_R\sigma_{\mu\nu} T^A s)G_A^{\mu\nu}$	C
7pgammads	$\frac{4G_F}{\sqrt{2}}\frac{e}{g_s^2}m_s(\bar{d}P_L\sigma_{\mu\nu} s)F^{\mu\nu}$	C
8pgds	$\frac{4G_F}{\sqrt{2}}\frac{1}{g_s}m_s(\bar{d}P_L\sigma_{\mu\nu} T^A s)G_A^{\mu\nu}$	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

WC name	Operator	Type
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	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}T^As)(\bar{u}\gamma^{\mu\nu\rho\sigma}T^Au)$	C
1dscc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{c}\gamma^\mu c)$	C
2dscc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu T^As)(\bar{c}\gamma^\mu T^Ac)$	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	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho}T^As)(\bar{c}\gamma^{\mu\nu\rho}T^Ac)$	C
5dscc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rs)(\bar{c}c)$	C
6dscc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_RT^As)(\bar{c}T^Ac)$	C
7dscc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}s)(\bar{c}\sigma_{\mu\nu}c)$	C
8dscc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\sigma^{\mu\nu}T^As)(\bar{c}\sigma_{\mu\nu}T^Ac)$	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	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_{\mu\nu\rho\sigma}T^As)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Ac)$	C
1pdscc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{c}\gamma^\mu c)$	C
2pdscc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu T^As)(\bar{c}\gamma^\mu T^Ac)$	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	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho}T^As)(\bar{c}\gamma^{\mu\nu\rho}T^Ac)$	C
5pdscc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_Ls)(\bar{c}c)$	C
6pdscc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_LT^As)(\bar{c}T^Ac)$	C
7pdscc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}s)(\bar{c}\sigma_{\mu\nu}c)$	C
8pdscc	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\sigma^{\mu\nu}T^As)(\bar{c}\sigma_{\mu\nu}T^Ac)$	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	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_{\mu\nu\rho\sigma}T^As)(\bar{c}\gamma^{\mu\nu\rho\sigma}T^Ac)$	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	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_Rs)(\bar{s}s)$	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	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_Ls)(\bar{s}s)$	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	$\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_\mu P_Ls)(\bar{d}\gamma^\mu d)$	C
1pdsdd	$\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_\mu P_Rs)(\bar{d}\gamma^\mu d)$	C
3dsdd	$\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Ls)(\bar{d}\gamma^{\mu\nu\rho}d)$	C
3pdsdd	$\frac{4G_F}{\sqrt{2}}(\bar{d}\gamma_{\mu\nu\rho}P_Rs)(\bar{d}\gamma^{\mu\nu\rho}d)$	C
5dsdd	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_Ls)(\bar{d}d)$	C

WC name	Operator	Type
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
1pdsmumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\mu}\gamma^\mu \mu)$	C
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

sdmue

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

sdtaue

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

sdemu

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

WC name	Operator	Type
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

sdtaumu

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
7pdsmutau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \sigma^{\mu\nu} s)(\bar{\mu}\sigma_{\mu\nu}\tau)$	C
9dsmutau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R \gamma_{\mu\nu\rho\sigma} s)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}\tau)$	C
9pdsmutau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L \gamma_{\mu\nu\rho\sigma} s)(\bar{\mu}\gamma^{\mu\nu\rho\sigma}\tau)$	C

sdetau

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

sdmutau

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
nu1dsee	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_e\gamma^\mu\nu_e)$	C
nu1pdsee	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_e\gamma^\mu\nu_e)$	C
nu1dsmumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_\mu\gamma^\mu\nu_\mu)$	C
nu1pdsmumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_\mu\gamma^\mu\nu_\mu)$	C
nu1dstautau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_\tau\gamma^\mu\nu_\tau)$	C
nu1pdstautau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_\tau\gamma^\mu\nu_\tau)$	C
nu1dsemu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_e\gamma^\mu\nu_\mu)$	C
nu1pdsemu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_e\gamma^\mu\nu_\mu)$	C
nu1dsmue	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_\mu\gamma^\mu\nu_e)$	C
nu1pdsmue	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_\mu\gamma^\mu\nu_e)$	C
nu1dsetau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_e\gamma^\mu\nu_\tau)$	C
nu1pdsetau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_e\gamma^\mu\nu_\tau)$	C
nu1dstaue	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_\tau\gamma^\mu\nu_e)$	C
nu1pdstaue	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_\tau\gamma^\mu\nu_e)$	C
nu1dstaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_\tau\gamma^\mu\nu_\mu)$	C
nu1pdstaumu	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_\tau\gamma^\mu\nu_\mu)$	C
nu1dsmutau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_R\gamma_\mu s)(\bar{\nu}_\mu\gamma^\mu\nu_\tau)$	C
nu1pdsmutau	$\frac{4G_F}{\sqrt{2}}(\bar{d}P_L\gamma_\mu s)(\bar{\nu}_\mu\gamma^\mu\nu_\tau)$	C

cucu

WC name	Operator	Type
1cucu	$\frac{4G_F}{\sqrt{2}}(\bar{c}\gamma_\mu P_L u)(\bar{c}\gamma^\mu P_L u)$	C
5cucu	$\frac{4G_F}{\sqrt{2}}(\bar{c}_\alpha P_L u_\beta)(\bar{c}_\beta P_R u_\alpha)$	C
2cucu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L u)(\bar{c}P_L u)$	C
1pcucu	$\frac{4G_F}{\sqrt{2}}(\bar{c}\gamma_\mu P_R u)(\bar{c}\gamma^\mu P_R u)$	C
3cucu	$\frac{4G_F}{\sqrt{2}}(\bar{c}_\alpha P_L u_\beta)(\bar{c}_\beta P_L u_\alpha)$	C
2pcucu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_R u)(\bar{c}P_R u)$	C
4cucu	$\frac{4G_F}{\sqrt{2}}(\bar{c}P_L u)(\bar{c}P_R u)$	C
3pcucu	$\frac{4G_F}{\sqrt{2}}(\bar{c}_\alpha P_R u_\beta)(\bar{c}_\beta P_R u_\alpha)$	C