Basis `Bern` (EFT `WET-3`)

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

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

WC name	Operator	Type
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

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

WC name	Operator	Type
`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
`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

WC name	Operator	Type
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

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

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
`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

`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