

## Basis JMS (EFT WET-4)

Variant of the basis suggested by Jenkins, Manohar, and Stoffer (arXiv:1709.04486) with only four dynamical quark flavors.

### Sectors

**sdsd**

WC name	Operator	Type
VddLL_1212	$(\bar{d}_L \gamma^\mu s_L)(\bar{d}_L \gamma_\mu s_L)$	C
VddRR_1212	$(\bar{d}_R \gamma^\mu s_R)(\bar{d}_R \gamma_\mu s_R)$	C
V1ddLR_1212	$(\bar{d}_L \gamma^\mu s_L)(\bar{d}_R \gamma_\mu s_R)$	C
V8ddLR_1212	$(\bar{d}_L \gamma^\mu T^A s_L)(\bar{d}_R \gamma_\mu T^A s_R)$	C
S1ddRR_1212	$(\bar{d}_L s_R)(\bar{d}_L s_R)$	C
S1ddRR_2121	$(\bar{s}_L d_R)(\bar{s}_L d_R)$	C
S8ddRR_1212	$(\bar{d}_L T^A s_R)(\bar{d}_L T^A s_R)$	C
S8ddRR_2121	$(\bar{s}_L T^A d_R)(\bar{s}_L T^A d_R)$	C

**cucu**

WC name	Operator	Type
VuuLL_1212	$(\bar{u}_L \gamma^\mu c_L)(\bar{u}_L \gamma_\mu c_L)$	C
VuuRR_1212	$(\bar{u}_R \gamma^\mu c_R)(\bar{u}_R \gamma_\mu c_R)$	C
V1uuLR_1212	$(\bar{u}_L \gamma^\mu c_L)(\bar{u}_R \gamma_\mu c_R)$	C
V8uuLR_1212	$(\bar{u}_L \gamma^\mu T^A c_L)(\bar{u}_R \gamma_\mu T^A c_R)$	C
S1uuRR_1212	$(\bar{u}_L c_R)(\bar{u}_L c_R)$	C
S1uuRR_2121	$(\bar{c}_L u_R)(\bar{c}_L u_R)$	C
S8uuRR_1212	$(\bar{u}_L T^A c_R)(\bar{u}_L T^A c_R)$	C
S8uuRR_2121	$(\bar{c}_L T^A u_R)(\bar{c}_L T^A u_R)$	C

**sduc**

WC name	Operator	Type
V1udLL_1221	$(\bar{u}_L \gamma^\mu c_L)(\bar{s}_L \gamma_\mu d_L)$	C
V8udLL_1221	$(\bar{u}_L \gamma^\mu T^A c_L)(\bar{s}_L \gamma_\mu T^A d_L)$	C
V1udRR_1221	$(\bar{u}_R \gamma^\mu c_R)(\bar{s}_R \gamma_\mu d_R)$	C
V8udRR_1221	$(\bar{u}_R \gamma^\mu T^A c_R)(\bar{s}_R \gamma_\mu T^A d_R)$	C
V1udLR_1221	$(\bar{u}_L \gamma^\mu c_L)(\bar{s}_R \gamma_\mu d_R)$	C

WC name	Operator	Type
V8udLR_1221	$(\bar{u}_L \gamma^\mu T^A c_L)(\bar{s}_R \gamma_\mu T^A d_R)$	C
V1duLR_1221	$(\bar{d}_L \gamma^\mu s_L)(\bar{c}_R \gamma_\mu u_R)$	C
V8duLR_1221	$(\bar{d}_L \gamma^\mu T^A s_L)(\bar{c}_R \gamma_\mu T^A u_R)$	C
V1udduLR_1122	$(\bar{u}_L \gamma^\mu d_L)(\bar{s}_R \gamma_\mu c_R)$	C
V1udduLR_2211	$(\bar{c}_L \gamma^\mu s_L)(\bar{d}_R \gamma_\mu u_R)$	C
V8udduLR_1122	$(\bar{u}_L \gamma^\mu T^A d_L)(\bar{s}_R \gamma_\mu T^A c_R)$	C
V8udduLR_2211	$(\bar{c}_L \gamma^\mu T^A s_L)(\bar{d}_R \gamma_\mu T^A u_R)$	C
S1udRR_1221	$(\bar{u}_L c_R)(\bar{s}_L d_R)$	C
S1udRR_2112	$(\bar{c}_L u_R)(\bar{d}_L s_R)$	C
S8udRR_1221	$(\bar{u}_L T^A c_R)(\bar{s}_L T^A d_R)$	C
S8udRR_2112	$(\bar{c}_L T^A u_R)(\bar{d}_L T^A s_R)$	C
S1udduRR_1122	$(\bar{u}_L d_R)(\bar{s}_L c_R)$	C
S1udduRR_2211	$(\bar{c}_L s_R)(\bar{d}_L u_R)$	C
S8udduRR_1122	$(\bar{u}_L T^A d_R)(\bar{s}_L T^A c_R)$	C
S8udduRR_2211	$(\bar{c}_L T^A s_R)(\bar{d}_L T^A u_R)$	C

**sdcu**

WC name	Operator	Type
V1udLL_1212	$(\bar{u}_L \gamma^\mu c_L)(\bar{d}_L \gamma_\mu s_L)$	C
V8udLL_1212	$(\bar{u}_L \gamma^\mu T^A c_L)(\bar{d}_L \gamma_\mu T^A s_L)$	C
V1udRR_1212	$(\bar{u}_R \gamma^\mu c_R)(\bar{d}_R \gamma_\mu s_R)$	C
V8udRR_1212	$(\bar{u}_R \gamma^\mu T^A c_R)(\bar{d}_R \gamma_\mu T^A s_R)$	C
V1udLR_1212	$(\bar{u}_L \gamma^\mu c_L)(\bar{d}_R \gamma_\mu s_R)$	C
V8udLR_1212	$(\bar{u}_L \gamma^\mu T^A c_L)(\bar{d}_R \gamma_\mu T^A s_R)$	C
V1duLR_1212	$(\bar{d}_L \gamma^\mu s_L)(\bar{u}_R \gamma_\mu c_R)$	C
V8duLR_1212	$(\bar{d}_L \gamma^\mu T^A s_L)(\bar{u}_R \gamma_\mu T^A c_R)$	C
V1udduLR_1212	$(\bar{u}_L \gamma^\mu s_L)(\bar{d}_R \gamma_\mu c_R)$	C
V1udduLR_2121	$(\bar{c}_L \gamma^\mu d_L)(\bar{s}_R \gamma_\mu u_R)$	C
V8udduLR_1212	$(\bar{u}_L \gamma^\mu T^A s_L)(\bar{d}_R \gamma_\mu T^A c_R)$	C
V8udduLR_2121	$(\bar{c}_L \gamma^\mu T^A d_L)(\bar{s}_R \gamma_\mu T^A u_R)$	C
S1udRR_1212	$(\bar{u}_L c_R)(\bar{d}_L s_R)$	C
S1udRR_2121	$(\bar{c}_L u_R)(\bar{s}_L d_R)$	C
S8udRR_1212	$(\bar{u}_L T^A c_R)(\bar{d}_L T^A s_R)$	C
S8udRR_2121	$(\bar{c}_L T^A u_R)(\bar{s}_L T^A d_R)$	C
S1udduRR_1212	$(\bar{u}_L s_R)(\bar{d}_L c_R)$	C
S1udduRR_2121	$(\bar{c}_L d_R)(\bar{s}_L u_R)$	C
S8udduRR_1212	$(\bar{u}_L T^A s_R)(\bar{d}_L T^A c_R)$	C
S8udduRR_2121	$(\bar{c}_L T^A d_R)(\bar{s}_L T^A u_R)$	C

sd

WC name	Operator	Type
dgamma_12	$\bar{d}_L \sigma^{\mu\nu} s_R F_{\mu\nu}$	C
dgamma_21	$\bar{s}_L \sigma^{\mu\nu} d_R F_{\mu\nu}$	C
dG_12	$\bar{d}_L \sigma^{\mu\nu} T^A s_R G_{\mu\nu}^A$	C
dG_21	$\bar{s}_L \sigma^{\mu\nu} T^A d_R G_{\mu\nu}^A$	C
VedLL_1112	$(\bar{e}_L \gamma^\mu e_L)(\bar{d}_L \gamma_\mu s_L)$	C
VedLL_2212	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{d}_L \gamma_\mu s_L)$	C
VedLL_3312	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{d}_L \gamma_\mu s_L)$	C
VddLL_1112	$(\bar{d}_L \gamma^\mu d_L)(\bar{d}_L \gamma_\mu s_L)$	C
VddLL_1222	$(\bar{d}_L \gamma^\mu s_L)(\bar{s}_L \gamma_\mu s_L)$	C
V1udLL_1112	$(\bar{u}_L \gamma^\mu u_L)(\bar{d}_L \gamma_\mu s_L)$	C
V1udLL_2212	$(\bar{c}_L \gamma^\mu c_L)(\bar{d}_L \gamma_\mu s_L)$	C
V8udLL_1112	$(\bar{u}_L \gamma^\mu T^A u_L)(\bar{d}_L \gamma_\mu T^A s_L)$	C
V8udLL_2212	$(\bar{c}_L \gamma^\mu T^A c_L)(\bar{d}_L \gamma_\mu T^A s_L)$	C
VedRR_1112	$(\bar{e}_R \gamma^\mu e_R)(\bar{d}_R \gamma_\mu s_R)$	C
VedRR_2212	$(\bar{\mu}_R \gamma^\mu \mu_R)(\bar{d}_R \gamma_\mu s_R)$	C
VedRR_3312	$(\bar{\tau}_R \gamma^\mu \tau_R)(\bar{d}_R \gamma_\mu s_R)$	C
VddRR_1112	$(\bar{d}_R \gamma^\mu d_R)(\bar{d}_R \gamma_\mu s_R)$	C
VddRR_1222	$(\bar{d}_R \gamma^\mu s_R)(\bar{s}_R \gamma_\mu s_R)$	C
V1udRR_1112	$(\bar{u}_R \gamma^\mu u_R)(\bar{d}_R \gamma_\mu s_R)$	C
V1udRR_2212	$(\bar{c}_R \gamma^\mu c_R)(\bar{d}_R \gamma_\mu s_R)$	C
V8udRR_1112	$(\bar{u}_R \gamma^\mu T^A u_R)(\bar{d}_R \gamma_\mu T^A s_R)$	C
V8udRR_2212	$(\bar{c}_R \gamma^\mu T^A c_R)(\bar{d}_R \gamma_\mu T^A s_R)$	C
VedLR_1112	$(\bar{e}_L \gamma^\mu e_L)(\bar{d}_R \gamma_\mu s_R)$	C
VedLR_2212	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{d}_R \gamma_\mu s_R)$	C
VedLR_3312	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{d}_R \gamma_\mu s_R)$	C
VdeLR_1211	$(\bar{d}_L \gamma^\mu s_L)(\bar{e}_R \gamma_\mu e_R)$	C
VdeLR_1222	$(\bar{d}_L \gamma^\mu s_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	C
VdeLR_1233	$(\bar{d}_L \gamma^\mu s_L)(\bar{\tau}_R \gamma_\mu \tau_R)$	C
V1udLR_1112	$(\bar{u}_L \gamma^\mu u_L)(\bar{d}_R \gamma_\mu s_R)$	C
V1udLR_2212	$(\bar{c}_L \gamma^\mu c_L)(\bar{d}_R \gamma_\mu s_R)$	C
V8udLR_1112	$(\bar{u}_L \gamma^\mu T^A u_L)(\bar{d}_R \gamma_\mu T^A s_R)$	C
V8udLR_2212	$(\bar{c}_L \gamma^\mu T^A c_L)(\bar{d}_R \gamma_\mu T^A s_R)$	C
V1duLR_1211	$(\bar{d}_L \gamma^\mu s_L)(\bar{u}_R \gamma_\mu u_R)$	C
V1duLR_1222	$(\bar{d}_L \gamma^\mu s_L)(\bar{c}_R \gamma_\mu c_R)$	C
V8duLR_1211	$(\bar{d}_L \gamma^\mu T^A s_L)(\bar{u}_R \gamma_\mu T^A u_R)$	C
V8duLR_1222	$(\bar{d}_L \gamma^\mu T^A s_L)(\bar{c}_R \gamma_\mu T^A c_R)$	C
V1ddLR_1112	$(\bar{d}_L \gamma^\mu d_L)(\bar{d}_R \gamma_\mu s_R)$	C
V1ddLR_1211	$(\bar{d}_L \gamma^\mu s_L)(\bar{d}_R \gamma_\mu d_R)$	C
V1ddLR_1222	$(\bar{d}_L \gamma^\mu s_L)(\bar{s}_R \gamma_\mu s_R)$	C
V1ddLR_2212	$(\bar{s}_L \gamma^\mu s_L)(\bar{d}_R \gamma_\mu s_R)$	C

WC name	Operator	Type
V8ddLR_1112	$(\bar{d}_L \gamma^\mu T^A d_L)(\bar{d}_R \gamma_\mu T^A s_R)$	C
V8ddLR_1211	$(\bar{d}_L \gamma^\mu T^A s_L)(\bar{d}_R \gamma_\mu T^A d_R)$	C
V8ddLR_1222	$(\bar{d}_L \gamma^\mu T^A s_L)(\bar{s}_R \gamma_\mu T^A s_R)$	C
V8ddLR_2212	$(\bar{s}_L \gamma^\mu T^A s_L)(\bar{d}_R \gamma_\mu T^A s_R)$	C
V1udduLR_1121	$(\bar{u}_L \gamma^\mu d_L)(\bar{s}_R \gamma_\mu u_R)$	C
V1udduLR_1211	$(\bar{u}_L \gamma^\mu s_L)(\bar{d}_R \gamma_\mu u_R)$	C
V1udduLR_2122	$(\bar{c}_L \gamma^\mu d_L)(\bar{s}_R \gamma_\mu c_R)$	C
V1udduLR_2212	$(\bar{c}_L \gamma^\mu s_L)(\bar{d}_R \gamma_\mu c_R)$	C
V8udduLR_1121	$(\bar{u}_L \gamma^\mu T^A d_L)(\bar{s}_R \gamma_\mu T^A u_R)$	C
V8udduLR_1211	$(\bar{u}_L \gamma^\mu T^A s_L)(\bar{d}_R \gamma_\mu T^A u_R)$	C
V8udduLR_2122	$(\bar{c}_L \gamma^\mu T^A d_L)(\bar{s}_R \gamma_\mu T^A c_R)$	C
V8udduLR_2212	$(\bar{c}_L \gamma^\mu T^A s_L)(\bar{d}_R \gamma_\mu T^A c_R)$	C
SedRL_1112	$(\bar{e}_L e_R)(\bar{d}_R s_L)$	C
SedRL_1121	$(\bar{e}_L e_R)(\bar{s}_R d_L)$	C
SedRL_2212	$(\bar{\mu}_L \mu_R)(\bar{d}_R s_L)$	C
SedRL_2221	$(\bar{\mu}_L \mu_R)(\bar{s}_R d_L)$	C
SedRL_3312	$(\bar{\tau}_L \tau_R)(\bar{d}_R s_L)$	C
SedRL_3321	$(\bar{\tau}_L \tau_R)(\bar{s}_R d_L)$	C
SedRR_1112	$(\bar{e}_L e_R)(\bar{d}_L s_R)$	C
SedRR_1121	$(\bar{e}_L e_R)(\bar{s}_L d_R)$	C
SedRR_2212	$(\bar{\mu}_L \mu_R)(\bar{d}_L s_R)$	C
SedRR_2221	$(\bar{\mu}_L \mu_R)(\bar{s}_L d_R)$	C
SedRR_3312	$(\bar{\tau}_L \tau_R)(\bar{d}_L s_R)$	C
SedRR_3321	$(\bar{\tau}_L \tau_R)(\bar{s}_L d_R)$	C
TedRR_1112	$(\bar{e}_L \sigma^{\mu\nu} e_R)(\bar{d}_L \sigma_{\mu\nu} s_R)$	C
TedRR_1121	$(\bar{e}_L \sigma^{\mu\nu} e_R)(\bar{s}_L \sigma_{\mu\nu} d_R)$	C
TedRR_2212	$(\bar{\mu}_L \sigma^{\mu\nu} \mu_R)(\bar{d}_L \sigma_{\mu\nu} s_R)$	C
TedRR_2221	$(\bar{\mu}_L \sigma^{\mu\nu} \mu_R)(\bar{s}_L \sigma_{\mu\nu} d_R)$	C
TedRR_3312	$(\bar{\tau}_L \sigma^{\mu\nu} \tau_R)(\bar{d}_L \sigma_{\mu\nu} s_R)$	C
TedRR_3321	$(\bar{\tau}_L \sigma^{\mu\nu} \tau_R)(\bar{s}_L \sigma_{\mu\nu} d_R)$	C
S1udRR_1112	$(\bar{u}_L u_R)(\bar{d}_L s_R)$	C
S1udRR_1121	$(\bar{u}_L u_R)(\bar{s}_L d_R)$	C
S1udRR_2212	$(\bar{c}_L c_R)(\bar{d}_L s_R)$	C
S1udRR_2221	$(\bar{c}_L c_R)(\bar{s}_L d_R)$	C
S8udRR_1112	$(\bar{u}_L T^A u_R)(\bar{d}_L T^A s_R)$	C
S8udRR_1121	$(\bar{u}_L T^A u_R)(\bar{s}_L T^A d_R)$	C
S8udRR_2212	$(\bar{c}_L T^A c_R)(\bar{d}_L T^A s_R)$	C
S8udRR_2221	$(\bar{c}_L T^A c_R)(\bar{s}_L T^A d_R)$	C
S1ddRR_1112	$(\bar{d}_L d_R)(\bar{d}_L s_R)$	C
S1ddRR_1121	$(\bar{d}_L d_R)(\bar{s}_L d_R)$	C
S1ddRR_1222	$(\bar{d}_L s_R)(\bar{s}_L s_R)$	C
S1ddRR_2122	$(\bar{s}_L d_R)(\bar{s}_L s_R)$	C
S8ddRR_1112	$(\bar{d}_L T^A d_R)(\bar{d}_L T^A s_R)$	C

WC name	Operator	Type
S8ddRR_1121	$(\bar{d}_L T^A d_R)(\bar{s}_L T^A d_R)$	C
S8ddRR_1222	$(\bar{d}_L T^A s_R)(\bar{s}_L T^A s_R)$	C
S8ddRR_2122	$(\bar{s}_L T^A d_R)(\bar{s}_L T^A s_R)$	C
S1udduRR_1121	$(\bar{u}_L d_R)(\bar{s}_L u_R)$	C
S1udduRR_1211	$(\bar{u}_L s_R)(\bar{d}_L u_R)$	C
S1udduRR_2122	$(\bar{c}_L d_R)(\bar{s}_L c_R)$	C
S1udduRR_2212	$(\bar{c}_L s_R)(\bar{d}_L c_R)$	C
S8udduRR_1121	$(\bar{u}_L T^A d_R)(\bar{s}_L T^A u_R)$	C
S8udduRR_1211	$(\bar{u}_L T^A s_R)(\bar{d}_L T^A u_R)$	C
S8udduRR_2122	$(\bar{c}_L T^A d_R)(\bar{s}_L T^A c_R)$	C
S8udduRR_2212	$(\bar{c}_L T^A s_R)(\bar{d}_L T^A c_R)$	C

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WC name	Operator	Type
ugamma_12	$\bar{u}_L \sigma^{\mu\nu} c_R F_{\mu\nu}$	C
ugamma_21	$\bar{c}_L \sigma^{\mu\nu} u_R F_{\mu\nu}$	C
uG_12	$\bar{u}_L \sigma^{\mu\nu} T^A c_R G_{\mu\nu}^A$	C
uG_21	$\bar{c}_L \sigma^{\mu\nu} T^A u_R G_{\mu\nu}^A$	C
VeULL_1112	$(\bar{e}_L \gamma^\mu e_L)(\bar{u}_L \gamma_\mu c_L)$	C
VeULL_2212	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{u}_L \gamma_\mu c_L)$	C
VeULL_3312	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{u}_L \gamma_\mu c_L)$	C
VuuLL_1112	$(\bar{u}_L \gamma^\mu u_L)(\bar{u}_L \gamma_\mu c_L)$	C
VuuLL_1222	$(\bar{u}_L \gamma^\mu c_L)(\bar{c}_L \gamma_\mu c_L)$	C
V1udLL_1211	$(\bar{u}_L \gamma^\mu c_L)(\bar{d}_L \gamma_\mu d_L)$	C
V1udLL_1222	$(\bar{u}_L \gamma^\mu c_L)(\bar{s}_L \gamma_\mu s_L)$	C
V8udLL_1211	$(\bar{u}_L \gamma^\mu T^A c_L)(\bar{d}_L \gamma_\mu T^A d_L)$	C
V8udLL_1222	$(\bar{u}_L \gamma^\mu T^A c_L)(\bar{s}_L \gamma_\mu T^A s_L)$	C
Veurr_1112	$(\bar{e}_R \gamma^\mu e_R)(\bar{u}_R \gamma_\mu c_R)$	C
Veurr_2212	$(\bar{\mu}_R \gamma^\mu \mu_R)(\bar{u}_R \gamma_\mu c_R)$	C
Veurr_3312	$(\bar{\tau}_R \gamma^\mu \tau_R)(\bar{u}_R \gamma_\mu c_R)$	C
Vuurr_1112	$(\bar{u}_R \gamma^\mu u_R)(\bar{u}_R \gamma_\mu c_R)$	C
Vuurr_1222	$(\bar{u}_R \gamma^\mu c_R)(\bar{c}_R \gamma_\mu c_R)$	C
V1udrr_1211	$(\bar{u}_R \gamma^\mu c_R)(\bar{d}_R \gamma_\mu d_R)$	C
V1udrr_1222	$(\bar{u}_R \gamma^\mu c_R)(\bar{s}_R \gamma_\mu s_R)$	C
V8udrr_1211	$(\bar{u}_R \gamma^\mu T^A c_R)(\bar{d}_R \gamma_\mu T^A d_R)$	C
V8udrr_1222	$(\bar{u}_R \gamma^\mu T^A c_R)(\bar{s}_R \gamma_\mu T^A s_R)$	C
Veulr_1112	$(\bar{e}_L \gamma^\mu e_L)(\bar{u}_R \gamma_\mu c_R)$	C
Veulr_2212	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{u}_R \gamma_\mu c_R)$	C
Veulr_3312	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{u}_R \gamma_\mu c_R)$	C
Vuelr_1211	$(\bar{u}_L \gamma^\mu c_L)(\bar{e}_R \gamma_\mu e_R)$	C
Vuelr_1222	$(\bar{u}_L \gamma^\mu c_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	C

WC name	Operator	Type
VueLR_1233	$(\bar{u}_L \gamma^\mu c_L)(\bar{\tau}_R \gamma_\mu \tau_R)$	C
V1uuLR_1112	$(\bar{u}_L \gamma^\mu u_L)(\bar{u}_R \gamma_\mu c_R)$	C
V1uuLR_1211	$(\bar{u}_L \gamma^\mu c_L)(\bar{u}_R \gamma_\mu u_R)$	C
V1uuLR_1222	$(\bar{u}_L \gamma^\mu c_L)(\bar{c}_R \gamma_\mu c_R)$	C
V1uuLR_2212	$(\bar{c}_L \gamma^\mu c_L)(\bar{u}_R \gamma_\mu c_R)$	C
V8uuLR_1112	$(\bar{u}_L \gamma^\mu T^A u_L)(\bar{u}_R \gamma_\mu T^A c_R)$	C
V8uuLR_1211	$(\bar{u}_L \gamma^\mu T^A c_L)(\bar{u}_R \gamma_\mu T^A u_R)$	C
V8uuLR_1222	$(\bar{u}_L \gamma^\mu T^A c_L)(\bar{c}_R \gamma_\mu T^A c_R)$	C
V8uuLR_2212	$(\bar{c}_L \gamma^\mu T^A c_L)(\bar{u}_R \gamma_\mu T^A c_R)$	C
V1udLR_1211	$(\bar{u}_L \gamma^\mu c_L)(\bar{d}_R \gamma_\mu d_R)$	C
V1udLR_1222	$(\bar{u}_L \gamma^\mu c_L)(\bar{s}_R \gamma_\mu s_R)$	C
V8udLR_1211	$(\bar{u}_L \gamma^\mu T^A c_L)(\bar{d}_R \gamma_\mu T^A d_R)$	C
V8udLR_1222	$(\bar{u}_L \gamma^\mu T^A c_L)(\bar{s}_R \gamma_\mu T^A s_R)$	C
V1duLR_1112	$(\bar{d}_L \gamma^\mu d_L)(\bar{u}_R \gamma_\mu c_R)$	C
V1duLR_2212	$(\bar{s}_L \gamma^\mu s_L)(\bar{u}_R \gamma_\mu c_R)$	C
V8duLR_1112	$(\bar{d}_L \gamma^\mu T^A d_L)(\bar{u}_R \gamma_\mu T^A c_R)$	C
V8duLR_2212	$(\bar{s}_L \gamma^\mu T^A s_L)(\bar{u}_R \gamma_\mu T^A c_R)$	C
V1udduLR_1112	$(\bar{u}_L \gamma^\mu d_L)(\bar{d}_R \gamma_\mu c_R)$	C
V1udduLR_1222	$(\bar{u}_L \gamma^\mu s_L)(\bar{s}_R \gamma_\mu c_R)$	C
V1udduLR_2111	$(\bar{c}_L \gamma^\mu d_L)(\bar{d}_R \gamma_\mu u_R)$	C
V1udduLR_2221	$(\bar{c}_L \gamma^\mu s_L)(\bar{s}_R \gamma_\mu u_R)$	C
V8udduLR_1112	$(\bar{u}_L \gamma^\mu T^A d_L)(\bar{d}_R \gamma_\mu T^A c_R)$	C
V8udduLR_1222	$(\bar{u}_L \gamma^\mu T^A s_L)(\bar{s}_R \gamma_\mu T^A c_R)$	C
V8udduLR_2111	$(\bar{c}_L \gamma^\mu T^A d_L)(\bar{d}_R \gamma_\mu T^A u_R)$	C
V8udduLR_2221	$(\bar{c}_L \gamma^\mu T^A s_L)(\bar{s}_R \gamma_\mu T^A u_R)$	C
SeuRL_1112	$(\bar{e}_L e_R)(\bar{u}_R c_L)$	C
SeuRL_1121	$(\bar{e}_L e_R)(\bar{c}_R u_L)$	C
SeuRL_2212	$(\bar{\mu}_L \mu_R)(\bar{u}_R c_L)$	C
SeuRL_2221	$(\bar{\mu}_L \mu_R)(\bar{c}_R u_L)$	C
SeuRL_3312	$(\bar{\tau}_L \tau_R)(\bar{u}_R c_L)$	C
SeuRL_3321	$(\bar{\tau}_L \tau_R)(\bar{c}_R u_L)$	C
SeuRR_1112	$(\bar{e}_L e_R)(\bar{u}_L c_R)$	C
SeuRR_1121	$(\bar{e}_L e_R)(\bar{c}_L u_R)$	C
SeuRR_2212	$(\bar{\mu}_L \mu_R)(\bar{u}_L c_R)$	C
SeuRR_2221	$(\bar{\mu}_L \mu_R)(\bar{c}_L u_R)$	C
SeuRR_3312	$(\bar{\tau}_L \tau_R)(\bar{u}_L c_R)$	C
SeuRR_3321	$(\bar{\tau}_L \tau_R)(\bar{c}_L u_R)$	C
TeuRR_1112	$(\bar{e}_L \sigma^{\mu\nu} e_R)(\bar{u}_L \sigma_{\mu\nu} c_R)$	C
TeuRR_1121	$(\bar{e}_L \sigma^{\mu\nu} e_R)(\bar{c}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_2212	$(\bar{\mu}_L \sigma^{\mu\nu} \mu_R)(\bar{u}_L \sigma_{\mu\nu} c_R)$	C
TeuRR_2221	$(\bar{\mu}_L \sigma^{\mu\nu} \mu_R)(\bar{c}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_3312	$(\bar{\tau}_L \sigma^{\mu\nu} \tau_R)(\bar{u}_L \sigma_{\mu\nu} c_R)$	C
TeuRR_3321	$(\bar{\tau}_L \sigma^{\mu\nu} \tau_R)(\bar{c}_L \sigma_{\mu\nu} u_R)$	C
S1uuRR_1112	$(\bar{u}_L u_R)(\bar{u}_L c_R)$	C

WC name	Operator	Type
S1uuRR_1121	$(\bar{u}_L u_R)(\bar{c}_L u_R)$	C
S1uuRR_1222	$(\bar{u}_L c_R)(\bar{c}_L c_R)$	C
S1uuRR_2122	$(\bar{c}_L u_R)(\bar{c}_L c_R)$	C
S8uuRR_1112	$(\bar{u}_L T^A u_R)(\bar{u}_L T^A c_R)$	C
S8uuRR_1121	$(\bar{u}_L T^A u_R)(\bar{c}_L T^A u_R)$	C
S8uuRR_1222	$(\bar{u}_L T^A c_R)(\bar{c}_L T^A c_R)$	C
S8uuRR_2122	$(\bar{c}_L T^A u_R)(\bar{c}_L T^A c_R)$	C
S1udRR_1211	$(\bar{u}_L c_R)(\bar{d}_L d_R)$	C
S1udRR_1222	$(\bar{u}_L c_R)(\bar{s}_L s_R)$	C
S1udRR_2111	$(\bar{c}_L u_R)(\bar{d}_L d_R)$	C
S1udRR_2122	$(\bar{c}_L u_R)(\bar{s}_L s_R)$	C
S8udRR_1211	$(\bar{u}_L T^A c_R)(\bar{d}_L T^A d_R)$	C
S8udRR_1222	$(\bar{u}_L T^A c_R)(\bar{s}_L T^A s_R)$	C
S8udRR_2111	$(\bar{c}_L T^A u_R)(\bar{d}_L T^A d_R)$	C
S8udRR_2122	$(\bar{c}_L T^A u_R)(\bar{s}_L T^A s_R)$	C
S1udduRR_1112	$(\bar{u}_L d_R)(\bar{d}_L c_R)$	C
S1udduRR_1222	$(\bar{u}_L s_R)(\bar{s}_L c_R)$	C
S1udduRR_2111	$(\bar{c}_L d_R)(\bar{d}_L u_R)$	C
S1udduRR_2221	$(\bar{c}_L s_R)(\bar{s}_L u_R)$	C
S8udduRR_1112	$(\bar{u}_L T^A d_R)(\bar{d}_L T^A c_R)$	C
S8udduRR_1222	$(\bar{u}_L T^A s_R)(\bar{s}_L T^A c_R)$	C
S8udduRR_2111	$(\bar{c}_L T^A d_R)(\bar{d}_L T^A u_R)$	C
S8udduRR_2221	$(\bar{c}_L T^A s_R)(\bar{s}_L T^A u_R)$	C

**sdemu**

WC name	Operator	Type
VedLL_1221	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{s}_L \gamma_\mu d_L)$	C
VedRR_1221	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{s}_R \gamma_\mu d_R)$	C
VedLR_1221	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{s}_R \gamma_\mu d_R)$	C
VdeLR_1221	$(\bar{d}_L \gamma^\mu s_L)(\bar{\mu}_R \gamma_\mu e_R)$	C
SedRL_1221	$(\bar{e}_L \mu_R)(\bar{s}_R d_L)$	C
SedRL_2112	$(\bar{\mu}_L e_R)(\bar{d}_R s_L)$	C
SedRR_1221	$(\bar{e}_L \mu_R)(\bar{s}_L d_R)$	C
SedRR_2112	$(\bar{\mu}_L e_R)(\bar{d}_L s_R)$	C
TedRR_1221	$(\bar{e}_L \sigma^{\mu\nu} \mu_R)(\bar{s}_L \sigma_{\mu\nu} d_R)$	C
TedRR_2112	$(\bar{\mu}_L \sigma^{\mu\nu} e_R)(\bar{d}_L \sigma_{\mu\nu} s_R)$	C

**sdmue**

WC name	Operator	Type
VedLL_1212	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{d}_L \gamma_\mu s_L)$	C
VedRR_1212	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{d}_R \gamma_\mu s_R)$	C
VedLR_1212	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{d}_R \gamma_\mu s_R)$	C
VdeLR_1212	$(\bar{d}_L \gamma^\mu s_L)(\bar{e}_R \gamma_\mu \mu_R)$	C
SedRL_1212	$(\bar{e}_L \mu_R)(\bar{d}_R s_L)$	C
SedRL_2121	$(\bar{\mu}_L e_R)(\bar{s}_R d_L)$	C
SedRR_1212	$(\bar{e}_L \mu_R)(\bar{d}_L s_R)$	C
SedRR_2121	$(\bar{\mu}_L e_R)(\bar{s}_L d_R)$	C
TedRR_1212	$(\bar{e}_L \sigma^{\mu\nu} \mu_R)(\bar{d}_L \sigma_{\mu\nu} s_R)$	C
TedRR_2121	$(\bar{\mu}_L \sigma^{\mu\nu} e_R)(\bar{s}_L \sigma_{\mu\nu} d_R)$	C

#### sdetau

WC name	Operator	Type
VedLL_1321	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{s}_L \gamma_\mu d_L)$	C
VedRR_1321	$(\bar{e}_R \gamma^\mu \tau_R)(\bar{s}_R \gamma_\mu d_R)$	C
VedLR_1321	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{s}_R \gamma_\mu d_R)$	C
VdeLR_1231	$(\bar{d}_L \gamma^\mu s_L)(\bar{\tau}_R \gamma_\mu e_R)$	C
SedRL_1321	$(\bar{e}_L \tau_R)(\bar{s}_R d_L)$	C
SedRL_3112	$(\bar{\tau}_L e_R)(\bar{d}_R s_L)$	C
SedRR_1321	$(\bar{e}_L \tau_R)(\bar{s}_L d_R)$	C
SedRR_3112	$(\bar{\tau}_L e_R)(\bar{d}_L s_R)$	C
TedRR_1321	$(\bar{e}_L \sigma^{\mu\nu} \tau_R)(\bar{s}_L \sigma_{\mu\nu} d_R)$	C
TedRR_3112	$(\bar{\tau}_L \sigma^{\mu\nu} e_R)(\bar{d}_L \sigma_{\mu\nu} s_R)$	C

#### sdtaue

WC name	Operator	Type
VedLL_1312	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{d}_L \gamma_\mu s_L)$	C
VedRR_1312	$(\bar{e}_R \gamma^\mu \tau_R)(\bar{d}_R \gamma_\mu s_R)$	C
VedLR_1312	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{d}_R \gamma_\mu s_R)$	C
VdeLR_1213	$(\bar{d}_L \gamma^\mu s_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
SedRL_1312	$(\bar{e}_L \tau_R)(\bar{d}_R s_L)$	C
SedRL_3121	$(\bar{\tau}_L e_R)(\bar{s}_R d_L)$	C
SedRR_1312	$(\bar{e}_L \tau_R)(\bar{d}_L s_R)$	C
SedRR_3121	$(\bar{\tau}_L e_R)(\bar{s}_L d_R)$	C
TedRR_1312	$(\bar{e}_L \sigma^{\mu\nu} \tau_R)(\bar{d}_L \sigma_{\mu\nu} s_R)$	C
TedRR_3121	$(\bar{\tau}_L \sigma^{\mu\nu} e_R)(\bar{s}_L \sigma_{\mu\nu} d_R)$	C



**sdmutau**

WC name	Operator	Type
VedLL_2321	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{s}_L \gamma_\mu d_L)$	C
VedRR_2321	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{s}_R \gamma_\mu d_R)$	C
VedLR_2321	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{s}_R \gamma_\mu d_R)$	C
VdeLR_1232	$(\bar{d}_L \gamma^\mu s_L)(\bar{\tau}_R \gamma_\mu \mu_R)$	C
SedRL_2321	$(\bar{\mu}_L \tau_R)(\bar{s}_R d_L)$	C
SedRL_3212	$(\bar{\tau}_L \mu_R)(\bar{d}_R s_L)$	C
SedRR_2321	$(\bar{\mu}_L \tau_R)(\bar{s}_L d_R)$	C
SedRR_3212	$(\bar{\tau}_L \mu_R)(\bar{d}_L s_R)$	C
TedRR_2321	$(\bar{\mu}_L \sigma^{\mu\nu} \tau_R)(\bar{s}_L \sigma_{\mu\nu} d_R)$	C
TedRR_3212	$(\bar{\tau}_L \sigma^{\mu\nu} \mu_R)(\bar{d}_L \sigma_{\mu\nu} s_R)$	C

**sdtaumu**

WC name	Operator	Type
VedLL_2312	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{d}_L \gamma_\mu s_L)$	C
VedRR_2312	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{d}_R \gamma_\mu s_R)$	C
VedLR_2312	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{d}_R \gamma_\mu s_R)$	C
VdeLR_1223	$(\bar{d}_L \gamma^\mu s_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
SedRL_2312	$(\bar{\mu}_L \tau_R)(\bar{d}_R s_L)$	C
SedRL_3221	$(\bar{\tau}_L \mu_R)(\bar{s}_R d_L)$	C
SedRR_2312	$(\bar{\mu}_L \tau_R)(\bar{d}_L s_R)$	C
SedRR_3221	$(\bar{\tau}_L \mu_R)(\bar{s}_L d_R)$	C
TedRR_2312	$(\bar{\mu}_L \sigma^{\mu\nu} \tau_R)(\bar{d}_L \sigma_{\mu\nu} s_R)$	C
TedRR_3221	$(\bar{\tau}_L \sigma^{\mu\nu} \mu_R)(\bar{s}_L \sigma_{\mu\nu} d_R)$	C

**cuemu**

WC name	Operator	Type
VeuLL_1221	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{c}_L \gamma_\mu u_L)$	C
VeuRR_1221	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{c}_R \gamma_\mu u_R)$	C
VeuLR_1221	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{c}_R \gamma_\mu u_R)$	C
VueLR_1221	$(\bar{u}_L \gamma^\mu c_L)(\bar{\mu}_R \gamma_\mu e_R)$	C
SeuRL_1221	$(\bar{e}_L \mu_R)(\bar{c}_R u_L)$	C
SeuRL_2112	$(\bar{\mu}_L e_R)(\bar{u}_R c_L)$	C
SeuRR_1221	$(\bar{e}_L \mu_R)(\bar{c}_L u_R)$	C
SeuRR_2112	$(\bar{\mu}_L e_R)(\bar{u}_L c_R)$	C
TeuRR_1221	$(\bar{e}_L \sigma^{\mu\nu} \mu_R)(\bar{c}_L \sigma_{\mu\nu} u_R)$	C

WC name	Operator	Type
TeuRR_2112	$(\bar{\mu}_L \sigma^{\mu\nu} e_R)(\bar{u}_L \sigma_{\mu\nu} c_R)$	C

#### cumue

WC name	Operator	Type
VeULL_1212	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{u}_L \gamma_\mu c_L)$	C
VeURR_1212	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{u}_R \gamma_\mu c_R)$	C
VeULR_1212	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{u}_R \gamma_\mu c_R)$	C
VueLR_1212	$(\bar{u}_L \gamma^\mu c_L)(\bar{e}_R \gamma_\mu \mu_R)$	C
SeuRL_1212	$(\bar{e}_L \mu_R)(\bar{u}_R c_L)$	C
SeuRL_2121	$(\bar{\mu}_L e_R)(\bar{c}_R u_L)$	C
SeuRR_1212	$(\bar{e}_L \mu_R)(\bar{u}_L c_R)$	C
SeuRR_2121	$(\bar{\mu}_L e_R)(\bar{c}_L u_R)$	C
TeuRR_1212	$(\bar{e}_L \sigma^{\mu\nu} \mu_R)(\bar{u}_L \sigma_{\mu\nu} c_R)$	C
TeuRR_2121	$(\bar{\mu}_L \sigma^{\mu\nu} e_R)(\bar{c}_L \sigma_{\mu\nu} u_R)$	C

#### cuetau

WC name	Operator	Type
VeULL_1321	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{c}_L \gamma_\mu u_L)$	C
VeURR_1321	$(\bar{e}_R \gamma^\mu \tau_R)(\bar{c}_R \gamma_\mu u_R)$	C
VeULR_1321	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{c}_R \gamma_\mu u_R)$	C
VueLR_1231	$(\bar{u}_L \gamma^\mu c_L)(\bar{\tau}_R \gamma_\mu e_R)$	C
SeuRL_1321	$(\bar{e}_L \tau_R)(\bar{c}_R u_L)$	C
SeuRL_3112	$(\bar{\tau}_L e_R)(\bar{u}_R c_L)$	C
SeuRR_1321	$(\bar{e}_L \tau_R)(\bar{c}_L u_R)$	C
SeuRR_3112	$(\bar{\tau}_L e_R)(\bar{u}_L c_R)$	C
TeuRR_1321	$(\bar{e}_L \sigma^{\mu\nu} \tau_R)(\bar{c}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_3112	$(\bar{\tau}_L \sigma^{\mu\nu} e_R)(\bar{u}_L \sigma_{\mu\nu} c_R)$	C

#### cutaue

WC name	Operator	Type
VeULL_1312	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{u}_L \gamma_\mu c_L)$	C
VeURR_1312	$(\bar{e}_R \gamma^\mu \tau_R)(\bar{u}_R \gamma_\mu c_R)$	C
VeULR_1312	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{u}_R \gamma_\mu c_R)$	C
VueLR_1213	$(\bar{u}_L \gamma^\mu c_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
SeuRL_1312	$(\bar{e}_L \tau_R)(\bar{u}_R c_L)$	C

WC name	Operator	Type
SeuRL_3121	$(\bar{\tau}_L e_R)(\bar{c}_R u_L)$	C
SeuRR_1312	$(\bar{e}_L \tau_R)(\bar{u}_L c_R)$	C
SeuRR_3121	$(\bar{\tau}_L e_R)(\bar{c}_L u_R)$	C
TeuRR_1312	$(\bar{e}_L \sigma^{\mu\nu} \tau_R)(\bar{u}_L \sigma_{\mu\nu} c_R)$	C
TeuRR_3121	$(\bar{\tau}_L \sigma^{\mu\nu} e_R)(\bar{c}_L \sigma_{\mu\nu} u_R)$	C

#### cumutau

WC name	Operator	Type
VeuLL_2321	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{c}_L \gamma_\mu u_L)$	C
VeuRR_2321	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{c}_R \gamma_\mu u_R)$	C
VeuLR_2321	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{c}_R \gamma_\mu u_R)$	C
VueLR_1232	$(\bar{u}_L \gamma^\mu c_L)(\bar{\tau}_R \gamma_\mu \mu_R)$	C
SeuRL_2321	$(\bar{\mu}_L \tau_R)(\bar{c}_R u_L)$	C
SeuRL_3212	$(\bar{\tau}_L \mu_R)(\bar{u}_R c_L)$	C
SeuRR_2321	$(\bar{\mu}_L \tau_R)(\bar{c}_L u_R)$	C
SeuRR_3212	$(\bar{\tau}_L \mu_R)(\bar{u}_L c_R)$	C
TeuRR_2321	$(\bar{\mu}_L \sigma^{\mu\nu} \tau_R)(\bar{c}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_3212	$(\bar{\tau}_L \sigma^{\mu\nu} \mu_R)(\bar{u}_L \sigma_{\mu\nu} c_R)$	C

#### cutaumu

WC name	Operator	Type
VeuLL_2312	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{u}_L \gamma_\mu c_L)$	C
VeuRR_2312	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{u}_R \gamma_\mu c_R)$	C
VeuLR_2312	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{u}_R \gamma_\mu c_R)$	C
VueLR_1223	$(\bar{u}_L \gamma^\mu c_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
SeuRL_2312	$(\bar{\mu}_L \tau_R)(\bar{u}_R c_L)$	C
SeuRL_3221	$(\bar{\tau}_L \mu_R)(\bar{c}_R u_L)$	C
SeuRR_2312	$(\bar{\mu}_L \tau_R)(\bar{u}_L c_R)$	C
SeuRR_3221	$(\bar{\tau}_L \mu_R)(\bar{c}_L u_R)$	C
TeuRR_2312	$(\bar{\mu}_L \sigma^{\mu\nu} \tau_R)(\bar{u}_L \sigma_{\mu\nu} c_R)$	C
TeuRR_3221	$(\bar{\tau}_L \sigma^{\mu\nu} \mu_R)(\bar{c}_L \sigma_{\mu\nu} u_R)$	C

#### mutau

WC name	Operator	Type
egamma_23	$\bar{\mu}_L \sigma^{\mu\nu} \tau_R F_{\mu\nu}$	C

WC name	Operator	Type
egamma_32	$\bar{\tau}_L \sigma^{\mu\nu} \mu_R F_{\mu\nu}$	C
VeeLL_1123	$(\bar{e}_L \gamma^\mu e_L)(\bar{\mu}_L \gamma_\mu \tau_L)$	C
VeeLL_2223	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{\mu}_L \gamma_\mu \tau_L)$	C
VeeLL_2333	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{\tau}_L \gamma_\mu \tau_L)$	C
VnueLL_1123	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{\mu}_L \gamma_\mu \tau_L)$	C
VnueLL_2223	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{\mu}_L \gamma_\mu \tau_L)$	C
VnueLL_3323	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{\mu}_L \gamma_\mu \tau_L)$	C
VeuLL_2311	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{u}_L \gamma_\mu u_L)$	C
VeuLL_2322	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{c}_L \gamma_\mu c_L)$	C
VedLL_2311	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{d}_L \gamma_\mu d_L)$	C
VedLL_2322	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{s}_L \gamma_\mu s_L)$	C
VeeRR_1123	$(\bar{e}_R \gamma^\mu e_R)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VeeRR_2223	$(\bar{\mu}_R \gamma^\mu \mu_R)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VeeRR_2333	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{\tau}_R \gamma_\mu \tau_R)$	C
VeuRR_2311	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{u}_R \gamma_\mu u_R)$	C
VeuRR_2322	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{c}_R \gamma_\mu c_R)$	C
VedRR_2311	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{d}_R \gamma_\mu d_R)$	C
VedRR_2322	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{s}_R \gamma_\mu s_R)$	C
VnueLR_1123	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VnueLR_2223	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VnueLR_3323	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VeeLR_1123	$(\bar{e}_L \gamma^\mu e_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VeeLR_1231	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\tau}_R \gamma_\mu e_R)$	C
VeeLR_1321	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{\mu}_R \gamma_\mu e_R)$	C
VeeLR_2223	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VeeLR_2311	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{e}_R \gamma_\mu e_R)$	C
VeeLR_2322	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	C
VeeLR_2333	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{\tau}_R \gamma_\mu \tau_R)$	C
VeeLR_3323	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VeuLR_2311	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{u}_R \gamma_\mu u_R)$	C
VeuLR_2322	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{c}_R \gamma_\mu c_R)$	C
VedLR_2311	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{d}_R \gamma_\mu d_R)$	C
VedLR_2322	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{s}_R \gamma_\mu s_R)$	C
VueLR_1123	$(\bar{u}_L \gamma^\mu u_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VueLR_2223	$(\bar{c}_L \gamma^\mu c_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VdeLR_1123	$(\bar{d}_L \gamma^\mu d_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VdeLR_2223	$(\bar{s}_L \gamma^\mu s_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
SeuRL_2311	$(\bar{\mu}_L \tau_R)(\bar{u}_R u_L)$	C
SeuRL_2322	$(\bar{\mu}_L \tau_R)(\bar{c}_R c_L)$	C
SeuRL_3211	$(\bar{\tau}_L \mu_R)(\bar{u}_R u_L)$	C
SeuRL_3222	$(\bar{\tau}_L \mu_R)(\bar{c}_R c_L)$	C
SedRL_2311	$(\bar{\mu}_L \tau_R)(\bar{d}_R d_L)$	C
SedRL_2322	$(\bar{\mu}_L \tau_R)(\bar{s}_R s_L)$	C
SedRL_3211	$(\bar{\tau}_L \mu_R)(\bar{d}_R d_L)$	C

WC name	Operator	Type
SedRL_3222	$(\bar{\tau}_L \mu_R)(\bar{s}_R s_L)$	C
SeeRR_1123	$(\bar{e}_L e_R)(\bar{\mu}_L \tau_R)$	C
SeeRR_1132	$(\bar{e}_L e_R)(\bar{\tau}_L \mu_R)$	C
SeeRR_1231	$(\bar{e}_L \mu_R)(\bar{\tau}_L e_R)$	C
SeeRR_1321	$(\bar{e}_L \tau_R)(\bar{\mu}_L e_R)$	C
SeeRR_2223	$(\bar{\mu}_L \mu_R)(\bar{\mu}_L \tau_R)$	C
SeeRR_2232	$(\bar{\mu}_L \mu_R)(\bar{\tau}_L \mu_R)$	C
SeeRR_2333	$(\bar{\mu}_L \tau_R)(\bar{\tau}_L \tau_R)$	C
SeeRR_3233	$(\bar{\tau}_L \mu_R)(\bar{\tau}_L \tau_R)$	C
SeuRR_2311	$(\bar{\mu}_L \tau_R)(\bar{u}_L u_R)$	C
SeuRR_2322	$(\bar{\mu}_L \tau_R)(\bar{c}_L c_R)$	C
SeuRR_3211	$(\bar{\tau}_L \mu_R)(\bar{u}_L u_R)$	C
SeuRR_3222	$(\bar{\tau}_L \mu_R)(\bar{c}_L c_R)$	C
TeuRR_2311	$(\bar{\mu}_L \sigma^{\mu\nu} \tau_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_2322	$(\bar{\mu}_L \sigma^{\mu\nu} \tau_R)(\bar{c}_L \sigma_{\mu\nu} c_R)$	C
TeuRR_3211	$(\bar{\tau}_L \sigma^{\mu\nu} \mu_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_3222	$(\bar{\tau}_L \sigma^{\mu\nu} \mu_R)(\bar{c}_L \sigma_{\mu\nu} c_R)$	C
SedRR_2311	$(\bar{\mu}_L \tau_R)(\bar{d}_L d_R)$	C
SedRR_2322	$(\bar{\mu}_L \tau_R)(\bar{s}_L s_R)$	C
SedRR_3211	$(\bar{\tau}_L \mu_R)(\bar{d}_L d_R)$	C
SedRR_3222	$(\bar{\tau}_L \mu_R)(\bar{s}_L s_R)$	C
TedRR_2311	$(\bar{\mu}_L \sigma^{\mu\nu} \tau_R)(\bar{d}_L \sigma_{\mu\nu} d_R)$	C
TedRR_2322	$(\bar{\mu}_L \sigma^{\mu\nu} \tau_R)(\bar{s}_L \sigma_{\mu\nu} s_R)$	C
TedRR_3211	$(\bar{\tau}_L \sigma^{\mu\nu} \mu_R)(\bar{d}_L \sigma_{\mu\nu} d_R)$	C
TedRR_3222	$(\bar{\tau}_L \sigma^{\mu\nu} \mu_R)(\bar{s}_L \sigma_{\mu\nu} s_R)$	C

**mue**

WC name	Operator	Type
egamma_12	$\bar{e}_L \sigma^{\mu\nu} \mu_R F_{\mu\nu}$	C
egamma_21	$\bar{\mu}_L \sigma^{\mu\nu} e_R F_{\mu\nu}$	C
VeeLL_1112	$(\bar{e}_L \gamma^\mu e_L)(\bar{e}_L \gamma_\mu \mu_L)$	C
VeeLL_1222	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\mu}_L \gamma_\mu \mu_L)$	C
VeeLL_1233	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\tau}_L \gamma_\mu \tau_L)$	C
VnueLL_1112	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{e}_L \gamma_\mu \mu_L)$	C
VnueLL_2212	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{e}_L \gamma_\mu \mu_L)$	C
VnueLL_3312	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{e}_L \gamma_\mu \mu_L)$	C
VeuLL_1211	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{u}_L \gamma_\mu u_L)$	C
VeuLL_1222	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{c}_L \gamma_\mu c_L)$	C
VedLL_1211	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{d}_L \gamma_\mu d_L)$	C
VedLL_1222	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{s}_L \gamma_\mu s_L)$	C
VeeRR_1112	$(\bar{e}_R \gamma^\mu e_R)(\bar{e}_R \gamma_\mu \mu_R)$	C

WC name	Operator	Type
VeeRR_1222	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{\mu}_R \gamma_\mu \mu_R)$	C
VeeRR_1233	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{\tau}_R \gamma_\mu \tau_R)$	C
VeuRR_1211	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{u}_R \gamma_\mu u_R)$	C
VeuRR_1222	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{c}_R \gamma_\mu c_R)$	C
VedRR_1211	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{d}_R \gamma_\mu d_R)$	C
VedRR_1222	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{s}_R \gamma_\mu s_R)$	C
VnueLR_1112	$(\bar{\nu}_e \gamma^\mu \nu_{eL})(\bar{e}_R \gamma_\mu \mu_R)$	C
VnueLR_2212	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{e}_R \gamma_\mu \mu_R)$	C
VnueLR_3312	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{e}_R \gamma_\mu \mu_R)$	C
VeeLR_1112	$(\bar{e}_L \gamma^\mu e_L)(\bar{e}_R \gamma_\mu \mu_R)$	C
VeeLR_1211	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{e}_R \gamma_\mu e_R)$	C
VeeLR_1222	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	C
VeeLR_1233	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\tau}_R \gamma_\mu \tau_R)$	C
VeeLR_1332	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{\tau}_R \gamma_\mu \mu_R)$	C
VeeLR_2212	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{e}_R \gamma_\mu \mu_R)$	C
VeeLR_2331	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{\tau}_R \gamma_\mu e_R)$	C
VeeLR_3312	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{e}_R \gamma_\mu \mu_R)$	C
VeuLR_1211	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{u}_R \gamma_\mu u_R)$	C
VeuLR_1222	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{c}_R \gamma_\mu c_R)$	C
VedLR_1211	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{d}_R \gamma_\mu d_R)$	C
VedLR_1222	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{s}_R \gamma_\mu s_R)$	C
VueLR_1112	$(\bar{u}_L \gamma^\mu u_L)(\bar{e}_R \gamma_\mu \mu_R)$	C
VueLR_2212	$(\bar{c}_L \gamma^\mu c_L)(\bar{e}_R \gamma_\mu \mu_R)$	C
VdeLR_1112	$(\bar{d}_L \gamma^\mu d_L)(\bar{e}_R \gamma_\mu \mu_R)$	C
VdeLR_2212	$(\bar{s}_L \gamma^\mu s_L)(\bar{e}_R \gamma_\mu \mu_R)$	C
SeuRL_1211	$(\bar{e}_L \mu_R)(\bar{u}_R u_L)$	C
SeuRL_1222	$(\bar{e}_L \mu_R)(\bar{c}_R c_L)$	C
SeuRL_2111	$(\bar{\mu}_L e_R)(\bar{u}_R u_L)$	C
SeuRL_2122	$(\bar{\mu}_L e_R)(\bar{c}_R c_L)$	C
SedRL_1211	$(\bar{e}_L \mu_R)(\bar{d}_R d_L)$	C
SedRL_1222	$(\bar{e}_L \mu_R)(\bar{s}_R s_L)$	C
SedRL_2111	$(\bar{\mu}_L e_R)(\bar{d}_R d_L)$	C
SedRL_2122	$(\bar{\mu}_L e_R)(\bar{s}_R s_L)$	C
SeeRR_1112	$(\bar{e}_L e_R)(\bar{e}_L \mu_R)$	C
SeeRR_1121	$(\bar{e}_L e_R)(\bar{\mu}_L e_R)$	C
SeeRR_1222	$(\bar{e}_L \mu_R)(\bar{\mu}_L \mu_R)$	C
SeeRR_1233	$(\bar{e}_L \mu_R)(\bar{\tau}_L \tau_R)$	C
SeeRR_1332	$(\bar{e}_L \tau_R)(\bar{\tau}_L \mu_R)$	C
SeeRR_2122	$(\bar{\mu}_L e_R)(\bar{\mu}_L \mu_R)$	C
SeeRR_2133	$(\bar{\mu}_L e_R)(\bar{\tau}_L \tau_R)$	C
SeeRR_2331	$(\bar{\mu}_L \tau_R)(\bar{\tau}_L e_R)$	C
SeuRR_1211	$(\bar{e}_L \mu_R)(\bar{u}_L u_R)$	C
SeuRR_1222	$(\bar{e}_L \mu_R)(\bar{c}_L c_R)$	C
SeuRR_2111	$(\bar{\mu}_L e_R)(\bar{u}_L u_R)$	C

WC name	Operator	Type
SeuRR_2122	$(\bar{\mu}_L e_R)(\bar{c}_L c_R)$	C
TeuRR_1211	$(\bar{e}_L \sigma^{\mu\nu} \mu_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_1222	$(\bar{e}_L \sigma^{\mu\nu} \mu_R)(\bar{c}_L \sigma_{\mu\nu} c_R)$	C
TeuRR_2111	$(\bar{\mu}_L \sigma^{\mu\nu} e_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_2122	$(\bar{\mu}_L \sigma^{\mu\nu} e_R)(\bar{c}_L \sigma_{\mu\nu} c_R)$	C
SedRR_1211	$(\bar{e}_L \mu_R)(\bar{d}_L d_R)$	C
SedRR_1222	$(\bar{e}_L \mu_R)(\bar{s}_L s_R)$	C
SedRR_2111	$(\bar{\mu}_L e_R)(\bar{d}_L d_R)$	C
SedRR_2122	$(\bar{\mu}_L e_R)(\bar{s}_L s_R)$	C
TedRR_1211	$(\bar{e}_L \sigma^{\mu\nu} \mu_R)(\bar{d}_L \sigma_{\mu\nu} d_R)$	C
TedRR_1222	$(\bar{e}_L \sigma^{\mu\nu} \mu_R)(\bar{s}_L \sigma_{\mu\nu} s_R)$	C
TedRR_2111	$(\bar{\mu}_L \sigma^{\mu\nu} e_R)(\bar{d}_L \sigma_{\mu\nu} d_R)$	C
TedRR_2122	$(\bar{\mu}_L \sigma^{\mu\nu} e_R)(\bar{s}_L \sigma_{\mu\nu} s_R)$	C

**taue**

WC name	Operator	Type
egamma_13	$\bar{e}_L \sigma^{\mu\nu} \tau_R F_{\mu\nu}$	C
egamma_31	$\bar{\tau}_L \sigma^{\mu\nu} e_R F_{\mu\nu}$	C
VeeLL_1113	$(\bar{e}_L \gamma^\mu e_L)(\bar{e}_L \gamma_\mu \tau_L)$	C
VeeLL_1223	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\mu}_L \gamma_\mu \tau_L)$	C
VeeLL_1333	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{\tau}_L \gamma_\mu \tau_L)$	C
VnueLL_1113	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{e}_L \gamma_\mu \tau_L)$	C
VnueLL_2213	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{e}_L \gamma_\mu \tau_L)$	C
VnueLL_3313	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{e}_L \gamma_\mu \tau_L)$	C
VeULL_1311	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{u}_L \gamma_\mu u_L)$	C
VeULL_1322	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{c}_L \gamma_\mu c_L)$	C
VedLL_1311	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{d}_L \gamma_\mu d_L)$	C
VedLL_1322	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{s}_L \gamma_\mu s_L)$	C
VeeRR_1113	$(\bar{e}_R \gamma^\mu e_R)(\bar{e}_R \gamma_\mu \tau_R)$	C
VeeRR_1223	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VeeRR_1333	$(\bar{e}_R \gamma^\mu \tau_R)(\bar{\tau}_R \gamma_\mu \tau_R)$	C
VeURR_1311	$(\bar{e}_R \gamma^\mu \tau_R)(\bar{u}_R \gamma_\mu u_R)$	C
VeURR_1322	$(\bar{e}_R \gamma^\mu \tau_R)(\bar{c}_R \gamma_\mu c_R)$	C
VedRR_1311	$(\bar{e}_R \gamma^\mu \tau_R)(\bar{d}_R \gamma_\mu d_R)$	C
VedRR_1322	$(\bar{e}_R \gamma^\mu \tau_R)(\bar{s}_R \gamma_\mu s_R)$	C
VnueLR_1113	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{e}_R \gamma_\mu \tau_R)$	C
VnueLR_2213	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{e}_R \gamma_\mu \tau_R)$	C
VnueLR_3313	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{e}_R \gamma_\mu \tau_R)$	C
VeeLR_1113	$(\bar{e}_L \gamma^\mu e_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
VeeLR_1223	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VeeLR_1311	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{e}_R \gamma_\mu e_R)$	C

WC name	Operator	Type
VeeLR_1322	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	C
VeeLR_1333	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{\tau}_R \gamma_\mu \tau_R)$	C
VeeLR_2213	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
VeeLR_2312	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{e}_R \gamma_\mu \mu_R)$	C
VeeLR_3313	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
VeuLR_1311	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{u}_R \gamma_\mu u_R)$	C
VeuLR_1322	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{c}_R \gamma_\mu c_R)$	C
VedLR_1311	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{d}_R \gamma_\mu d_R)$	C
VedLR_1322	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{s}_R \gamma_\mu s_R)$	C
VueLR_1113	$(\bar{u}_L \gamma^\mu u_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
VueLR_2213	$(\bar{c}_L \gamma^\mu c_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
VdeLR_1113	$(\bar{d}_L \gamma^\mu d_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
VdeLR_2213	$(\bar{s}_L \gamma^\mu s_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
SeuRL_1311	$(\bar{e}_L \tau_R)(\bar{u}_R u_L)$	C
SeuRL_1322	$(\bar{e}_L \tau_R)(\bar{c}_R c_L)$	C
SeuRL_3111	$(\bar{\tau}_L e_R)(\bar{u}_R u_L)$	C
SeuRL_3122	$(\bar{\tau}_L e_R)(\bar{c}_R c_L)$	C
SedRL_1311	$(\bar{e}_L \tau_R)(\bar{d}_R d_L)$	C
SedRL_1322	$(\bar{e}_L \tau_R)(\bar{s}_R s_L)$	C
SedRL_3111	$(\bar{\tau}_L e_R)(\bar{d}_R d_L)$	C
SedRL_3122	$(\bar{\tau}_L e_R)(\bar{s}_R s_L)$	C
SeeRR_1113	$(\bar{e}_L e_R)(\bar{e}_L \tau_R)$	C
SeeRR_1131	$(\bar{e}_L e_R)(\bar{\tau}_L e_R)$	C
SeeRR_1223	$(\bar{e}_L \mu_R)(\bar{\mu}_L \tau_R)$	C
SeeRR_1322	$(\bar{e}_L \tau_R)(\bar{\mu}_L \mu_R)$	C
SeeRR_1333	$(\bar{e}_L \tau_R)(\bar{\tau}_L \tau_R)$	C
SeeRR_2132	$(\bar{\mu}_L e_R)(\bar{\tau}_L \mu_R)$	C
SeeRR_2231	$(\bar{\mu}_L \mu_R)(\bar{\tau}_L e_R)$	C
SeeRR_3133	$(\bar{\tau}_L e_R)(\bar{\tau}_L \tau_R)$	C
SeuRR_1311	$(\bar{e}_L \tau_R)(\bar{u}_L u_R)$	C
SeuRR_1322	$(\bar{e}_L \tau_R)(\bar{c}_L c_R)$	C
SeuRR_3111	$(\bar{\tau}_L e_R)(\bar{u}_L u_R)$	C
SeuRR_3122	$(\bar{\tau}_L e_R)(\bar{c}_L c_R)$	C
TeuRR_1311	$(\bar{e}_L \sigma^{\mu\nu} \tau_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_1322	$(\bar{e}_L \sigma^{\mu\nu} \tau_R)(\bar{c}_L \sigma_{\mu\nu} c_R)$	C
TeuRR_3111	$(\bar{\tau}_L \sigma^{\mu\nu} e_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_3122	$(\bar{\tau}_L \sigma^{\mu\nu} e_R)(\bar{c}_L \sigma_{\mu\nu} c_R)$	C
SedRR_1311	$(\bar{e}_L \tau_R)(\bar{d}_L d_R)$	C
SedRR_1322	$(\bar{e}_L \tau_R)(\bar{s}_L s_R)$	C
SedRR_3111	$(\bar{\tau}_L e_R)(\bar{d}_L d_R)$	C
SedRR_3122	$(\bar{\tau}_L e_R)(\bar{s}_L s_R)$	C
TedRR_1311	$(\bar{e}_L \sigma^{\mu\nu} \tau_R)(\bar{d}_L \sigma_{\mu\nu} d_R)$	C
TedRR_1322	$(\bar{e}_L \sigma^{\mu\nu} \tau_R)(\bar{s}_L \sigma_{\mu\nu} s_R)$	C
TedRR_3111	$(\bar{\tau}_L \sigma^{\mu\nu} e_R)(\bar{d}_L \sigma_{\mu\nu} d_R)$	C



WC name	Operator	Type
TedRR_3122	$(\bar{\tau}_L \sigma^{\mu\nu} e_R)(\bar{s}_L \sigma_{\mu\nu} s_R)$	C

**tauetau**

WC name	Operator	Type
VeeLL_1313	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{e}_L \gamma_\mu \tau_L)$	C
VeeRR_1313	$(\bar{e}_R \gamma^\mu \tau_R)(\bar{e}_R \gamma_\mu \tau_R)$	C
VeeLR_1313	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
SeeRR_1313	$(\bar{e}_L \tau_R)(\bar{e}_L \tau_R)$	C
SeeRR_3131	$(\bar{\tau}_L e_R)(\bar{\tau}_L e_R)$	C

**taumutau**

WC name	Operator	Type
VeeLL_2323	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{\mu}_L \gamma_\mu \tau_L)$	C
VeeRR_2323	$(\bar{\mu}_R \gamma^\mu \tau_R)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VeeLR_2323	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
SeeRR_2323	$(\bar{\mu}_L \tau_R)(\bar{\mu}_L \tau_R)$	C
SeeRR_3232	$(\bar{\tau}_L \mu_R)(\bar{\tau}_L \mu_R)$	C

**muemue**

WC name	Operator	Type
VeeLL_1212	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{e}_L \gamma_\mu \mu_L)$	C
VeeRR_1212	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{e}_R \gamma_\mu \mu_R)$	C
VeeLR_1212	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{e}_R \gamma_\mu \mu_R)$	C
SeeRR_1212	$(\bar{e}_L \mu_R)(\bar{e}_L \mu_R)$	C
SeeRR_2121	$(\bar{\mu}_L e_R)(\bar{\mu}_L e_R)$	C

**muemutau**

WC name	Operator	Type
VeeLL_1232	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\tau}_L \gamma_\mu \mu_L)$	C
VeeRR_1232	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{\tau}_R \gamma_\mu \mu_R)$	C
VeeLR_1232	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\tau}_R \gamma_\mu \mu_R)$	C
VeeLR_2321	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{\mu}_R \gamma_\mu e_R)$	C

WC name	Operator	Type
SeeRR_1232	$(\bar{e}_L \mu_R)(\bar{\tau}_L \mu_R)$	C
SeeRR_2123	$(\bar{\mu}_L e_R)(\bar{\mu}_L \tau_R)$	C

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WC name	Operator	Type
VeeLL_1213	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{e}_L \gamma_\mu \tau_L)$	C
VeeRR_1213	$(\bar{e}_R \gamma^\mu \mu_R)(\bar{e}_R \gamma_\mu \tau_R)$	C
VeeLR_1213	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
VeeLR_1312	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{e}_R \gamma_\mu \mu_R)$	C
SeeRR_1213	$(\bar{e}_L \mu_R)(\bar{e}_L \tau_R)$	C
SeeRR_2131	$(\bar{\mu}_L e_R)(\bar{\tau}_L e_R)$	C

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WC name	Operator	Type
VeeLL_1323	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{\mu}_L \gamma_\mu \tau_L)$	C
VeeRR_1323	$(\bar{e}_R \gamma^\mu \tau_R)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VeeLR_1323	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{\mu}_R \gamma_\mu \tau_R)$	C
VeeLR_2313	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{e}_R \gamma_\mu \tau_R)$	C
SeeRR_1323	$(\bar{e}_L \tau_R)(\bar{\mu}_L \tau_R)$	C
SeeRR_3132	$(\bar{\tau}_L e_R)(\bar{\tau}_L \mu_R)$	C

nunununu

WC name	Operator	Type
VnunuLL_1112	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{\nu}_{eL} \gamma_\mu \nu_{\mu L})$	C
VnunuLL_1222	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{\nu}_{\mu L} \gamma_\mu \nu_{\mu L})$	C
VnunuLL_1233	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{\nu}_{\tau L} \gamma_\mu \nu_{\tau L})$	C
VnunuLL_1113	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{\nu}_{eL} \gamma_\mu \nu_{\tau L})$	C
VnunuLL_1223	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{\nu}_{\mu L} \gamma_\mu \nu_{\tau L})$	C
VnunuLL_1333	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{\nu}_{\tau L} \gamma_\mu \nu_{\tau L})$	C
VnunuLL_1123	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{\nu}_{\mu L} \gamma_\mu \nu_{\tau L})$	C
VnunuLL_2223	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{\nu}_{\mu L} \gamma_\mu \nu_{\tau L})$	C
VnunuLL_2333	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\tau L})(\bar{\nu}_{\tau L} \gamma_\mu \nu_{\tau L})$	C
VnunuLL_1232	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{\nu}_{\tau L} \gamma_\mu \nu_{\mu L})$	C
VnunuLL_1323	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{\nu}_{\mu L} \gamma_\mu \nu_{\tau L})$	C
VnunuLL_1213	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{\nu}_{eL} \gamma_\mu \nu_{\tau L})$	C

WC name	Operator	Type
VnunuLL_1212	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\nu}_{eL}\gamma_\mu\nu_{\mu L})$	C
VnunuLL_1313	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\nu}_{eL}\gamma_\mu\nu_{\tau L})$	C
VnunuLL_2323	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\nu}_{\mu L}\gamma_\mu\nu_{\tau L})$	C

#### nunuemu

WC name	Operator	Type
VnueLL_1212	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{e}_L\gamma_\mu\mu_L)$	C
VnueLR_1212	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{e}_R\gamma_\mu\mu_R)$	C
VnueLL_1312	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{e}_L\gamma_\mu\mu_L)$	C
VnueLR_1312	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{e}_R\gamma_\mu\mu_R)$	C
VnueLL_2321	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\mu}_L\gamma_\mu e_L)$	C
VnueLR_2321	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\mu}_R\gamma_\mu e_R)$	C

#### nunumue

WC name	Operator	Type
VnueLL_1221	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\mu}_L\gamma_\mu e_L)$	C
VnueLR_1221	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\mu}_R\gamma_\mu e_R)$	C
VnueLL_1321	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\mu}_L\gamma_\mu e_L)$	C
VnueLR_1321	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\mu}_R\gamma_\mu e_R)$	C
VnueLL_2312	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{e}_L\gamma_\mu\mu_L)$	C
VnueLR_2312	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{e}_R\gamma_\mu\mu_R)$	C

#### nunutaumu

WC name	Operator	Type
VnueLL_1232	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\tau}_L\gamma_\mu\mu_L)$	C
VnueLR_1232	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\tau}_R\gamma_\mu\mu_R)$	C
VnueLL_1332	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\tau}_L\gamma_\mu\mu_L)$	C
VnueLR_1332	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\tau}_R\gamma_\mu\mu_R)$	C
VnueLL_2323	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\mu}_L\gamma_\mu\tau_L)$	C
VnueLR_2323	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\mu}_R\gamma_\mu\tau_R)$	C

#### nunumutau

WC name	Operator	Type
VnueLL_1223	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\mu}_L\gamma_\mu\tau_L)$	C
VnueLR_1223	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\mu}_R\gamma_\mu\tau_R)$	C
VnueLL_1323	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\mu}_L\gamma_\mu\tau_L)$	C
VnueLR_1323	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\mu}_R\gamma_\mu\tau_R)$	C
VnueLL_2332	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\tau}_L\gamma_\mu\mu_L)$	C
VnueLR_2332	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\tau}_R\gamma_\mu\mu_R)$	C

#### nunutaue

WC name	Operator	Type
VnueLL_1231	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\tau}_L\gamma_\mu e_L)$	C
VnueLR_1231	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{\tau}_R\gamma_\mu e_R)$	C
VnueLL_1331	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\tau}_L\gamma_\mu e_L)$	C
VnueLR_1331	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{\tau}_R\gamma_\mu e_R)$	C
VnueLL_2313	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{e}_L\gamma_\mu\tau_L)$	C
VnueLR_2313	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{e}_R\gamma_\mu\tau_R)$	C

#### nunuetau

WC name	Operator	Type
VnueLL_1213	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{e}_L\gamma_\mu\tau_L)$	C
VnueLR_1213	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{e}_R\gamma_\mu\tau_R)$	C
VnueLL_1313	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{e}_L\gamma_\mu\tau_L)$	C
VnueLR_1313	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{e}_R\gamma_\mu\tau_R)$	C
VnueLL_2331	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\tau}_L\gamma_\mu e_L)$	C
VnueLR_2331	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\tau}_R\gamma_\mu e_R)$	C

#### dF=0

WC name	Operator	Type
egamma_11	$\bar{e}_L\sigma^{\mu\nu}e_R F_{\mu\nu}$	C
egamma_22	$\bar{\mu}_L\sigma^{\mu\nu}\mu_R F_{\mu\nu}$	C
egamma_33	$\bar{\tau}_L\sigma^{\mu\nu}\tau_R F_{\mu\nu}$	C
ugamma_11	$\bar{u}_L\sigma^{\mu\nu}u_R F_{\mu\nu}$	C
ugamma_22	$\bar{c}_L\sigma^{\mu\nu}c_R F_{\mu\nu}$	C
dgamma_11	$\bar{d}_L\sigma^{\mu\nu}d_R F_{\mu\nu}$	C
dgamma_22	$\bar{s}_L\sigma^{\mu\nu}s_R F_{\mu\nu}$	C
uG_11	$\bar{u}_L\sigma^{\mu\nu}T^A u_R G_{\mu\nu}^A$	C

WC name	Operator	Type
uG_22	$\bar{c}_L \sigma^{\mu\nu} T^A c_R G_{\mu\nu}^A$	C
dG_11	$\bar{d}_L \sigma^{\mu\nu} T^A d_R G_{\mu\nu}^A$	C
dG_22	$\bar{s}_L \sigma^{\mu\nu} T^A s_R G_{\mu\nu}^A$	C
G	$f^{ABC} G_{\mu}^{A\nu} G_{\nu}^{B\rho} G_{\rho}^{C\mu}$	R
Gtilde	$f^{ABC} \tilde{G}_{\mu}^{A\nu} G_{\nu}^{B\rho} G_{\rho}^{C\mu}$	R
VnunuLL_1111	$(\bar{\nu}_{eL} \gamma^{\mu} \nu_{eL})(\bar{\nu}_{eL} \gamma_{\mu} \nu_{eL})$	R
VnunuLL_1122	$(\bar{\nu}_{eL} \gamma^{\mu} \nu_{eL})(\bar{\nu}_{\mu L} \gamma_{\mu} \nu_{\mu L})$	R
VnunuLL_1133	$(\bar{\nu}_{eL} \gamma^{\mu} \nu_{eL})(\bar{\nu}_{\tau L} \gamma_{\mu} \nu_{\tau L})$	R
VnunuLL_2222	$(\bar{\nu}_{\mu L} \gamma^{\mu} \nu_{\mu L})(\bar{\nu}_{\mu L} \gamma_{\mu} \nu_{\mu L})$	R
VnunuLL_2233	$(\bar{\nu}_{\mu L} \gamma^{\mu} \nu_{\mu L})(\bar{\nu}_{\tau L} \gamma_{\mu} \nu_{\tau L})$	R
VnunuLL_3333	$(\bar{\nu}_{\tau L} \gamma^{\mu} \nu_{\tau L})(\bar{\nu}_{\tau L} \gamma_{\mu} \nu_{\tau L})$	R
VeeLL_1111	$(\bar{e}_L \gamma^{\mu} e_L)(\bar{e}_L \gamma_{\mu} e_L)$	R
VeeLL_1122	$(\bar{e}_L \gamma^{\mu} e_L)(\bar{\mu}_L \gamma_{\mu} \mu_L)$	R
VeeLL_1133	$(\bar{e}_L \gamma^{\mu} e_L)(\bar{\tau}_L \gamma_{\mu} \tau_L)$	R
VeeLL_2222	$(\bar{\mu}_L \gamma^{\mu} \mu_L)(\bar{\mu}_L \gamma_{\mu} \mu_L)$	R
VeeLL_2233	$(\bar{\mu}_L \gamma^{\mu} \mu_L)(\bar{\tau}_L \gamma_{\mu} \tau_L)$	R
VeeLL_3333	$(\bar{\tau}_L \gamma^{\mu} \tau_L)(\bar{\tau}_L \gamma_{\mu} \tau_L)$	R
VnueLL_1111	$(\bar{\nu}_{eL} \gamma^{\mu} \nu_{eL})(\bar{e}_L \gamma_{\mu} e_L)$	R
VnueLL_1122	$(\bar{\nu}_{eL} \gamma^{\mu} \nu_{eL})(\bar{\mu}_L \gamma_{\mu} \mu_L)$	R
VnueLL_1133	$(\bar{\nu}_{eL} \gamma^{\mu} \nu_{eL})(\bar{\tau}_L \gamma_{\mu} \tau_L)$	R
VnueLL_2211	$(\bar{\nu}_{\mu L} \gamma^{\mu} \nu_{\mu L})(\bar{e}_L \gamma_{\mu} e_L)$	R
VnueLL_2222	$(\bar{\nu}_{\mu L} \gamma^{\mu} \nu_{\mu L})(\bar{\mu}_L \gamma_{\mu} \mu_L)$	R
VnueLL_2233	$(\bar{\nu}_{\mu L} \gamma^{\mu} \nu_{\mu L})(\bar{\tau}_L \gamma_{\mu} \tau_L)$	R
VnueLL_3311	$(\bar{\nu}_{\tau L} \gamma^{\mu} \nu_{\tau L})(\bar{e}_L \gamma_{\mu} e_L)$	R
VnueLL_3322	$(\bar{\nu}_{\tau L} \gamma^{\mu} \nu_{\tau L})(\bar{\mu}_L \gamma_{\mu} \mu_L)$	R
VnueLL_3333	$(\bar{\nu}_{\tau L} \gamma^{\mu} \nu_{\tau L})(\bar{\tau}_L \gamma_{\mu} \tau_L)$	R
VnuuLL_1111	$(\bar{\nu}_{eL} \gamma^{\mu} \nu_{eL})(\bar{u}_L \gamma_{\mu} u_L)$	R
VnuuLL_1122	$(\bar{\nu}_{eL} \gamma^{\mu} \nu_{eL})(\bar{c}_L \gamma_{\mu} c_L)$	R
VnuuLL_2211	$(\bar{\nu}_{\mu L} \gamma^{\mu} \nu_{\mu L})(\bar{u}_L \gamma_{\mu} u_L)$	R
VnuuLL_2222	$(\bar{\nu}_{\mu L} \gamma^{\mu} \nu_{\mu L})(\bar{c}_L \gamma_{\mu} c_L)$	R
VnuuLL_3311	$(\bar{\nu}_{\tau L} \gamma^{\mu} \nu_{\tau L})(\bar{u}_L \gamma_{\mu} u_L)$	R
VnuuLL_3322	$(\bar{\nu}_{\tau L} \gamma^{\mu} \nu_{\tau L})(\bar{c}_L \gamma_{\mu} c_L)$	R
VnudLL_1111	$(\bar{\nu}_{eL} \gamma^{\mu} \nu_{eL})(\bar{d}_L \gamma_{\mu} d_L)$	R
VnudLL_1122	$(\bar{\nu}_{eL} \gamma^{\mu} \nu_{eL})(\bar{s}_L \gamma_{\mu} s_L)$	R
VnudLL_2211	$(\bar{\nu}_{\mu L} \gamma^{\mu} \nu_{\mu L})(\bar{d}_L \gamma_{\mu} d_L)$	R
VnudLL_2222	$(\bar{\nu}_{\mu L} \gamma^{\mu} \nu_{\mu L})(\bar{s}_L \gamma_{\mu} s_L)$	R
VnudLL_3311	$(\bar{\nu}_{\tau L} \gamma^{\mu} \nu_{\tau L})(\bar{d}_L \gamma_{\mu} d_L)$	R
VnudLL_3322	$(\bar{\nu}_{\tau L} \gamma^{\mu} \nu_{\tau L})(\bar{s}_L \gamma_{\mu} s_L)$	R
VeULL_1111	$(\bar{e}_L \gamma^{\mu} e_L)(\bar{u}_L \gamma_{\mu} u_L)$	R
VeULL_1122	$(\bar{e}_L \gamma^{\mu} e_L)(\bar{c}_L \gamma_{\mu} c_L)$	R
VeULL_2211	$(\bar{\mu}_L \gamma^{\mu} \mu_L)(\bar{u}_L \gamma_{\mu} u_L)$	R
VeULL_2222	$(\bar{\mu}_L \gamma^{\mu} \mu_L)(\bar{c}_L \gamma_{\mu} c_L)$	R
VeULL_3311	$(\bar{\tau}_L \gamma^{\mu} \tau_L)(\bar{u}_L \gamma_{\mu} u_L)$	R
VeULL_3322	$(\bar{\tau}_L \gamma^{\mu} \tau_L)(\bar{c}_L \gamma_{\mu} c_L)$	R

WC name	Operator	Type
VedLL_1111	$(\bar{e}_L \gamma^\mu e_L)(\bar{d}_L \gamma_\mu d_L)$	R
VedLL_1122	$(\bar{e}_L \gamma^\mu e_L)(\bar{s}_L \gamma_\mu s_L)$	R
VedLL_2211	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{d}_L \gamma_\mu d_L)$	R
VedLL_2222	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{s}_L \gamma_\mu s_L)$	R
VedLL_3311	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{d}_L \gamma_\mu d_L)$	R
VedLL_3322	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{s}_L \gamma_\mu s_L)$	R
VuuLL_1111	$(\bar{u}_L \gamma^\mu u_L)(\bar{u}_L \gamma_\mu u_L)$	R
VuuLL_1122	$(\bar{u}_L \gamma^\mu u_L)(\bar{c}_L \gamma_\mu c_L)$	R
VuuLL_1221	$(\bar{u}_L \gamma^\mu c_L)(\bar{c}_L \gamma_\mu u_L)$	R
VuuLL_2222	$(\bar{c}_L \gamma^\mu c_L)(\bar{c}_L \gamma_\mu c_L)$	R
VddLL_1111	$(\bar{d}_L \gamma^\mu d_L)(\bar{d}_L \gamma_\mu d_L)$	R
VddLL_1122	$(\bar{d}_L \gamma^\mu d_L)(\bar{s}_L \gamma_\mu s_L)$	R
VddLL_1221	$(\bar{d}_L \gamma^\mu s_L)(\bar{s}_L \gamma_\mu d_L)$	R
VddLL_2222	$(\bar{s}_L \gamma^\mu s_L)(\bar{s}_L \gamma_\mu s_L)$	R
V1udLL_1111	$(\bar{u}_L \gamma^\mu u_L)(\bar{d}_L \gamma_\mu d_L)$	R
V1udLL_1122	$(\bar{u}_L \gamma^\mu u_L)(\bar{s}_L \gamma_\mu s_L)$	R
V1udLL_2211	$(\bar{c}_L \gamma^\mu c_L)(\bar{d}_L \gamma_\mu d_L)$	R
V1udLL_2222	$(\bar{c}_L \gamma^\mu c_L)(\bar{s}_L \gamma_\mu s_L)$	R
V8udLL_1111	$(\bar{u}_L \gamma^\mu T^A u_L)(\bar{d}_L \gamma_\mu T^A d_L)$	R
V8udLL_1122	$(\bar{u}_L \gamma^\mu T^A u_L)(\bar{s}_L \gamma_\mu T^A s_L)$	R
V8udLL_2211	$(\bar{c}_L \gamma^\mu T^A c_L)(\bar{d}_L \gamma_\mu T^A d_L)$	R
V8udLL_2222	$(\bar{c}_L \gamma^\mu T^A c_L)(\bar{s}_L \gamma_\mu T^A s_L)$	R
VeeRR_1111	$(\bar{e}_R \gamma^\mu e_R)(\bar{e}_R \gamma_\mu e_R)$	R
VeeRR_1122	$(\bar{e}_R \gamma^\mu e_R)(\bar{\mu}_R \gamma_\mu \mu_R)$	R
VeeRR_1133	$(\bar{e}_R \gamma^\mu e_R)(\bar{\tau}_R \gamma_\mu \tau_R)$	R
VeeRR_2222	$(\bar{\mu}_R \gamma^\mu \mu_R)(\bar{\mu}_R \gamma_\mu \mu_R)$	R
VeeRR_2233	$(\bar{\mu}_R \gamma^\mu \mu_R)(\bar{\tau}_R \gamma_\mu \tau_R)$	R
VeeRR_3333	$(\bar{\tau}_R \gamma^\mu \tau_R)(\bar{\tau}_R \gamma_\mu \tau_R)$	R
VeRR_1111	$(\bar{e}_R \gamma^\mu e_R)(\bar{u}_R \gamma_\mu u_R)$	R
VeRR_1122	$(\bar{e}_R \gamma^\mu e_R)(\bar{c}_R \gamma_\mu c_R)$	R
VeRR_2211	$(\bar{\mu}_R \gamma^\mu \mu_R)(\bar{u}_R \gamma_\mu u_R)$	R
VeRR_2222	$(\bar{\mu}_R \gamma^\mu \mu_R)(\bar{c}_R \gamma_\mu c_R)$	R
VeRR_3311	$(\bar{\tau}_R \gamma^\mu \tau_R)(\bar{u}_R \gamma_\mu u_R)$	R
VeRR_3322	$(\bar{\tau}_R \gamma^\mu \tau_R)(\bar{c}_R \gamma_\mu c_R)$	R
VedRR_1111	$(\bar{e}_R \gamma^\mu e_R)(\bar{d}_R \gamma_\mu d_R)$	R
VedRR_1122	$(\bar{e}_R \gamma^\mu e_R)(\bar{s}_R \gamma_\mu s_R)$	R
VedRR_2211	$(\bar{\mu}_R \gamma^\mu \mu_R)(\bar{d}_R \gamma_\mu d_R)$	R
VedRR_2222	$(\bar{\mu}_R \gamma^\mu \mu_R)(\bar{s}_R \gamma_\mu s_R)$	R
VedRR_3311	$(\bar{\tau}_R \gamma^\mu \tau_R)(\bar{d}_R \gamma_\mu d_R)$	R
VedRR_3322	$(\bar{\tau}_R \gamma^\mu \tau_R)(\bar{s}_R \gamma_\mu s_R)$	R
VuuRR_1111	$(\bar{u}_R \gamma^\mu u_R)(\bar{u}_R \gamma_\mu u_R)$	R
VuuRR_1122	$(\bar{u}_R \gamma^\mu u_R)(\bar{c}_R \gamma_\mu c_R)$	R
VuuRR_1221	$(\bar{u}_R \gamma^\mu c_R)(\bar{c}_R \gamma_\mu u_R)$	R

WC name	Operator	Type
VuuRR_2222	$(\bar{c}_R \gamma^\mu c_R)(\bar{c}_R \gamma_\mu c_R)$	R
VddRR_1111	$(\bar{d}_R \gamma^\mu d_R)(\bar{d}_R \gamma_\mu d_R)$	R
VddRR_1122	$(\bar{d}_R \gamma^\mu d_R)(\bar{s}_R \gamma_\mu s_R)$	R
VddRR_1221	$(\bar{d}_R \gamma^\mu s_R)(\bar{s}_R \gamma_\mu d_R)$	R
VddRR_2222	$(\bar{s}_R \gamma^\mu s_R)(\bar{s}_R \gamma_\mu s_R)$	R
V1udRR_1111	$(\bar{u}_R \gamma^\mu u_R)(\bar{d}_R \gamma_\mu d_R)$	R
V1udRR_1122	$(\bar{u}_R \gamma^\mu u_R)(\bar{s}_R \gamma_\mu s_R)$	R
V1udRR_2211	$(\bar{c}_R \gamma^\mu c_R)(\bar{d}_R \gamma_\mu d_R)$	R
V1udRR_2222	$(\bar{c}_R \gamma^\mu c_R)(\bar{s}_R \gamma_\mu s_R)$	R
V8udRR_1111	$(\bar{u}_R \gamma^\mu T^A u_R)(\bar{d}_R \gamma_\mu T^A d_R)$	R
V8udRR_1122	$(\bar{u}_R \gamma^\mu T^A u_R)(\bar{s}_R \gamma_\mu T^A s_R)$	R
V8udRR_2211	$(\bar{c}_R \gamma^\mu T^A c_R)(\bar{d}_R \gamma_\mu T^A d_R)$	R
V8udRR_2222	$(\bar{c}_R \gamma^\mu T^A c_R)(\bar{s}_R \gamma_\mu T^A s_R)$	R
VnueLR_1111	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{e}_R \gamma_\mu e_R)$	R
VnueLR_1122	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{\mu}_R \gamma_\mu \mu_R)$	R
VnueLR_1133	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{\tau}_R \gamma_\mu \tau_R)$	R
VnueLR_2211	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{e}_R \gamma_\mu e_R)$	R
VnueLR_2222	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{\mu}_R \gamma_\mu \mu_R)$	R
VnueLR_2233	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{\tau}_R \gamma_\mu \tau_R)$	R
VnueLR_3311	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{e}_R \gamma_\mu e_R)$	R
VnueLR_3322	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{\mu}_R \gamma_\mu \mu_R)$	R
VnueLR_3333	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{\tau}_R \gamma_\mu \tau_R)$	R
VeeLR_1111	$(\bar{e}_L \gamma^\mu e_L)(\bar{e}_R \gamma_\mu e_R)$	R
VeeLR_1122	$(\bar{e}_L \gamma^\mu e_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	R
VeeLR_1133	$(\bar{e}_L \gamma^\mu e_L)(\bar{\tau}_R \gamma_\mu \tau_R)$	R
VeeLR_1221	$(\bar{e}_L \gamma^\mu \mu_L)(\bar{\mu}_R \gamma_\mu e_R)$	C
VeeLR_1331	$(\bar{e}_L \gamma^\mu \tau_L)(\bar{\tau}_R \gamma_\mu e_R)$	C
VeeLR_2211	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{e}_R \gamma_\mu e_R)$	R
VeeLR_2222	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	R
VeeLR_2233	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{\tau}_R \gamma_\mu \tau_R)$	R
VeeLR_2332	$(\bar{\mu}_L \gamma^\mu \tau_L)(\bar{\tau}_R \gamma_\mu \mu_R)$	C
VeeLR_3311	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{e}_R \gamma_\mu e_R)$	R
VeeLR_3322	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	R
VeeLR_3333	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{\tau}_R \gamma_\mu \tau_R)$	R
VnuuLR_1111	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{u}_R \gamma_\mu u_R)$	R
VnuuLR_1122	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{c}_R \gamma_\mu c_R)$	R
VnuuLR_2211	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{u}_R \gamma_\mu u_R)$	R
VnuuLR_2222	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{c}_R \gamma_\mu c_R)$	R
VnuuLR_3311	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{u}_R \gamma_\mu u_R)$	R
VnuuLR_3322	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{c}_R \gamma_\mu c_R)$	R
VnudLR_1111	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{d}_R \gamma_\mu d_R)$	R
VnudLR_1122	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{s}_R \gamma_\mu s_R)$	R
VnudLR_2211	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{d}_R \gamma_\mu d_R)$	R
VnudLR_2222	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{s}_R \gamma_\mu s_R)$	R

WC name	Operator	Type
VnudLR_3311	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{d}_R \gamma_\mu d_R)$	R
VnudLR_3322	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{s}_R \gamma_\mu s_R)$	R
VeulR_1111	$(\bar{e}_L \gamma^\mu e_L)(\bar{u}_R \gamma_\mu u_R)$	R
VeulR_1122	$(\bar{e}_L \gamma^\mu e_L)(\bar{c}_R \gamma_\mu c_R)$	R
VeulR_2211	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{u}_R \gamma_\mu u_R)$	R
VeulR_2222	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{c}_R \gamma_\mu c_R)$	R
VeulR_3311	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{u}_R \gamma_\mu u_R)$	R
VeulR_3322	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{c}_R \gamma_\mu c_R)$	R
VedLR_1111	$(\bar{e}_L \gamma^\mu e_L)(\bar{d}_R \gamma_\mu d_R)$	R
VedLR_1122	$(\bar{e}_L \gamma^\mu e_L)(\bar{s}_R \gamma_\mu s_R)$	R
VedLR_2211	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{d}_R \gamma_\mu d_R)$	R
VedLR_2222	$(\bar{\mu}_L \gamma^\mu \mu_L)(\bar{s}_R \gamma_\mu s_R)$	R
VedLR_3311	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{d}_R \gamma_\mu d_R)$	R
VedLR_3322	$(\bar{\tau}_L \gamma^\mu \tau_L)(\bar{s}_R \gamma_\mu s_R)$	R
VueLR_1111	$(\bar{u}_L \gamma^\mu u_L)(\bar{e}_R \gamma_\mu e_R)$	R
VueLR_1122	$(\bar{u}_L \gamma^\mu u_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	R
VueLR_1133	$(\bar{u}_L \gamma^\mu u_L)(\bar{\tau}_R \gamma_\mu \tau_R)$	R
VueLR_2211	$(\bar{c}_L \gamma^\mu c_L)(\bar{e}_R \gamma_\mu e_R)$	R
VueLR_2222	$(\bar{c}_L \gamma^\mu c_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	R
VueLR_2233	$(\bar{c}_L \gamma^\mu c_L)(\bar{\tau}_R \gamma_\mu \tau_R)$	R
VdeLR_1111	$(\bar{d}_L \gamma^\mu d_L)(\bar{e}_R \gamma_\mu e_R)$	R
VdeLR_1122	$(\bar{d}_L \gamma^\mu d_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	R
VdeLR_1133	$(\bar{d}_L \gamma^\mu d_L)(\bar{\tau}_R \gamma_\mu \tau_R)$	R
VdeLR_2211	$(\bar{s}_L \gamma^\mu s_L)(\bar{e}_R \gamma_\mu e_R)$	R
VdeLR_2222	$(\bar{s}_L \gamma^\mu s_L)(\bar{\mu}_R \gamma_\mu \mu_R)$	R
VdeLR_2233	$(\bar{s}_L \gamma^\mu s_L)(\bar{\tau}_R \gamma_\mu \tau_R)$	R
V1uuLR_1111	$(\bar{u}_L \gamma^\mu u_L)(\bar{u}_R \gamma_\mu u_R)$	R
V1uuLR_1122	$(\bar{u}_L \gamma^\mu u_L)(\bar{c}_R \gamma_\mu c_R)$	R
V1uuLR_1221	$(\bar{u}_L \gamma^\mu c_L)(\bar{c}_R \gamma_\mu u_R)$	C
V1uuLR_2211	$(\bar{c}_L \gamma^\mu c_L)(\bar{u}_R \gamma_\mu u_R)$	R
V1uuLR_2222	$(\bar{c}_L \gamma^\mu c_L)(\bar{c}_R \gamma_\mu c_R)$	R
V8uuLR_1111	$(\bar{u}_L \gamma^\mu T^A u_L)(\bar{u}_R \gamma_\mu T^A u_R)$	R
V8uuLR_1122	$(\bar{u}_L \gamma^\mu T^A u_L)(\bar{c}_R \gamma_\mu T^A c_R)$	R
V8uuLR_1221	$(\bar{u}_L \gamma^\mu T^A c_L)(\bar{c}_R \gamma_\mu T^A u_R)$	C
V8uuLR_2211	$(\bar{c}_L \gamma^\mu T^A c_L)(\bar{u}_R \gamma_\mu T^A u_R)$	R
V8uuLR_2222	$(\bar{c}_L \gamma^\mu T^A c_L)(\bar{c}_R \gamma_\mu T^A c_R)$	R
V1udLR_1111	$(\bar{u}_L \gamma^\mu u_L)(\bar{d}_R \gamma_\mu d_R)$	R
V1udLR_1122	$(\bar{u}_L \gamma^\mu u_L)(\bar{s}_R \gamma_\mu s_R)$	R
V1udLR_2211	$(\bar{c}_L \gamma^\mu c_L)(\bar{d}_R \gamma_\mu d_R)$	R
V1udLR_2222	$(\bar{c}_L \gamma^\mu c_L)(\bar{s}_R \gamma_\mu s_R)$	R
V8udLR_1111	$(\bar{u}_L \gamma^\mu T^A u_L)(\bar{d}_R \gamma_\mu T^A d_R)$	R
V8udLR_1122	$(\bar{u}_L \gamma^\mu T^A u_L)(\bar{s}_R \gamma_\mu T^A s_R)$	R
V8udLR_2211	$(\bar{c}_L \gamma^\mu T^A c_L)(\bar{d}_R \gamma_\mu T^A d_R)$	R



WC name	Operator	Type
V8udLR_2222	$(\bar{c}_L \gamma^\mu T^A c_L)(\bar{s}_R \gamma_\mu T^A s_R)$	R
V1duLR_1111	$(\bar{d}_L \gamma^\mu d_L)(\bar{u}_R \gamma_\mu u_R)$	R
V1duLR_1122	$(\bar{d}_L \gamma^\mu d_L)(\bar{c}_R \gamma_\mu c_R)$	R
V1duLR_2211	$(\bar{s}_L \gamma^\mu s_L)(\bar{u}_R \gamma_\mu u_R)$	R
V1duLR_2222	$(\bar{s}_L \gamma^\mu s_L)(\bar{c}_R \gamma_\mu c_R)$	R
V8duLR_1111	$(\bar{d}_L \gamma^\mu T^A d_L)(\bar{u}_R \gamma_\mu T^A u_R)$	R
V8duLR_1122	$(\bar{d}_L \gamma^\mu T^A d_L)(\bar{c}_R \gamma_\mu T^A c_R)$	R
V8duLR_2211	$(\bar{s}_L \gamma^\mu T^A s_L)(\bar{u}_R \gamma_\mu T^A u_R)$	R
V8duLR_2222	$(\bar{s}_L \gamma^\mu T^A s_L)(\bar{c}_R \gamma_\mu T^A c_R)$	R
V1ddLR_1111	$(\bar{d}_L \gamma^\mu d_L)(\bar{d}_R \gamma_\mu d_R)$	R
V1ddLR_1122	$(\bar{d}_L \gamma^\mu d_L)(\bar{s}_R \gamma_\mu s_R)$	R
V1ddLR_1221	$(\bar{d}_L \gamma^\mu s_L)(\bar{s}_R \gamma_\mu d_R)$	C
V1ddLR_2211	$(\bar{s}_L \gamma^\mu s_L)(\bar{d}_R \gamma_\mu d_R)$	R
V1ddLR_2222	$(\bar{s}_L \gamma^\mu s_L)(\bar{s}_R \gamma_\mu s_R)$	R
V8ddLR_1111	$(\bar{d}_L \gamma^\mu T^A d_L)(\bar{d}_R \gamma_\mu T^A d_R)$	R
V8ddLR_1122	$(\bar{d}_L \gamma^\mu T^A d_L)(\bar{s}_R \gamma_\mu T^A s_R)$	R
V8ddLR_1221	$(\bar{d}_L \gamma^\mu T^A s_L)(\bar{s}_R \gamma_\mu T^A d_R)$	C
V8ddLR_2211	$(\bar{s}_L \gamma^\mu T^A s_L)(\bar{d}_R \gamma_\mu T^A d_R)$	R
V8ddLR_2222	$(\bar{s}_L \gamma^\mu T^A s_L)(\bar{s}_R \gamma_\mu T^A s_R)$	R
V1udduLR_1111	$(\bar{u}_L \gamma^\mu d_L)(\bar{d}_R \gamma_\mu u_R)$	C
V1udduLR_1221	$(\bar{u}_L \gamma^\mu s_L)(\bar{s}_R \gamma_\mu u_R)$	C
V1udduLR_2112	$(\bar{c}_L \gamma^\mu d_L)(\bar{d}_R \gamma_\mu c_R)$	C
V1udduLR_2222	$(\bar{c}_L \gamma^\mu s_L)(\bar{s}_R \gamma_\mu c_R)$	C
V8udduLR_1111	$(\bar{u}_L \gamma^\mu T^A d_L)(\bar{d}_R \gamma_\mu T^A u_R)$	C
V8udduLR_1221	$(\bar{u}_L \gamma^\mu T^A s_L)(\bar{s}_R \gamma_\mu T^A u_R)$	C
V8udduLR_2112	$(\bar{c}_L \gamma^\mu T^A d_L)(\bar{d}_R \gamma_\mu T^A c_R)$	C
V8udduLR_2222	$(\bar{c}_L \gamma^\mu T^A s_L)(\bar{s}_R \gamma_\mu T^A c_R)$	C
SeuRL_1111	$(\bar{e}_L e_R)(\bar{u}_R u_L)$	C
SeuRL_1122	$(\bar{e}_L e_R)(\bar{c}_R c_L)$	C
SeuRL_2211	$(\bar{\mu}_L \mu_R)(\bar{u}_R u_L)$	C
SeuRL_2222	$(\bar{\mu}_L \mu_R)(\bar{c}_R c_L)$	C
SeuRL_3311	$(\bar{\tau}_L \tau_R)(\bar{u}_R u_L)$	C
SeuRL_3322	$(\bar{\tau}_L \tau_R)(\bar{c}_R c_L)$	C
SedRL_1111	$(\bar{e}_L e_R)(\bar{d}_R d_L)$	C
SedRL_1122	$(\bar{e}_L e_R)(\bar{s}_R s_L)$	C
SedRL_2211	$(\bar{\mu}_L \mu_R)(\bar{d}_R d_L)$	C
SedRL_2222	$(\bar{\mu}_L \mu_R)(\bar{s}_R s_L)$	C
SedRL_3311	$(\bar{\tau}_L \tau_R)(\bar{d}_R d_L)$	C
SedRL_3322	$(\bar{\tau}_L \tau_R)(\bar{s}_R s_L)$	C
SeeRR_1111	$(\bar{e}_L e_R)(\bar{e}_L e_R)$	C
SeeRR_1122	$(\bar{e}_L e_R)(\bar{\mu}_L \mu_R)$	C
SeeRR_1133	$(\bar{e}_L e_R)(\bar{\tau}_L \tau_R)$	C
SeeRR_1221	$(\bar{e}_L \mu_R)(\bar{\mu}_L e_R)$	C

WC name	Operator	Type
SeeRR_1331	$(\bar{e}_L \tau_R)(\bar{\tau}_L e_R)$	C
SeeRR_2222	$(\bar{\mu}_L \mu_R)(\bar{\mu}_L \mu_R)$	C
SeeRR_2233	$(\bar{\mu}_L \mu_R)(\bar{\tau}_L \tau_R)$	C
SeeRR_2332	$(\bar{\mu}_L \tau_R)(\bar{\tau}_L \mu_R)$	C
SeeRR_3333	$(\bar{\tau}_L \tau_R)(\bar{\tau}_L \tau_R)$	C
SeuRR_1111	$(\bar{e}_L e_R)(\bar{u}_L u_R)$	C
SeuRR_1122	$(\bar{e}_L e_R)(\bar{c}_L c_R)$	C
SeuRR_2211	$(\bar{\mu}_L \mu_R)(\bar{u}_L u_R)$	C
SeuRR_2222	$(\bar{\mu}_L \mu_R)(\bar{c}_L c_R)$	C
SeuRR_3311	$(\bar{\tau}_L \tau_R)(\bar{u}_L u_R)$	C
SeuRR_3322	$(\bar{\tau}_L \tau_R)(\bar{c}_L c_R)$	C
TeuRR_1111	$(\bar{e}_L \sigma^{\mu\nu} e_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_1122	$(\bar{e}_L \sigma^{\mu\nu} e_R)(\bar{c}_L \sigma_{\mu\nu} c_R)$	C
TeuRR_2211	$(\bar{\mu}_L \sigma^{\mu\nu} \mu_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_2222	$(\bar{\mu}_L \sigma^{\mu\nu} \mu_R)(\bar{c}_L \sigma_{\mu\nu} c_R)$	C
TeuRR_3311	$(\bar{\tau}_L \sigma^{\mu\nu} \tau_R)(\bar{u}_L \sigma_{\mu\nu} u_R)$	C
TeuRR_3322	$(\bar{\tau}_L \sigma^{\mu\nu} \tau_R)(\bar{c}_L \sigma_{\mu\nu} c_R)$	C
SedRR_1111	$(\bar{e}_L e_R)(\bar{d}_L d_R)$	C
SedRR_1122	$(\bar{e}_L e_R)(\bar{s}_L s_R)$	C
SedRR_2211	$(\bar{\mu}_L \mu_R)(\bar{d}_L d_R)$	C
SedRR_2222	$(\bar{\mu}_L \mu_R)(\bar{s}_L s_R)$	C
SedRR_3311	$(\bar{\tau}_L \tau_R)(\bar{d}_L d_R)$	C
SedRR_3322	$(\bar{\tau}_L \tau_R)(\bar{s}_L s_R)$	C
TedRR_1111	$(\bar{e}_L \sigma^{\mu\nu} e_R)(\bar{d}_L \sigma_{\mu\nu} d_R)$	C
TedRR_1122	$(\bar{e}_L \sigma^{\mu\nu} e_R)(\bar{s}_L \sigma_{\mu\nu} s_R)$	C
TedRR_2211	$(\bar{\mu}_L \sigma^{\mu\nu} \mu_R)(\bar{d}_L \sigma_{\mu\nu} d_R)$	C
TedRR_2222	$(\bar{\mu}_L \sigma^{\mu\nu} \mu_R)(\bar{s}_L \sigma_{\mu\nu} s_R)$	C
TedRR_3311	$(\bar{\tau}_L \sigma^{\mu\nu} \tau_R)(\bar{d}_L \sigma_{\mu\nu} d_R)$	C
TedRR_3322	$(\bar{\tau}_L \sigma^{\mu\nu} \tau_R)(\bar{s}_L \sigma_{\mu\nu} s_R)$	C
S1uuRR_1111	$(\bar{u}_L u_R)(\bar{u}_L u_R)$	C
S1uuRR_1122	$(\bar{u}_L u_R)(\bar{c}_L c_R)$	C
S1uuRR_1221	$(\bar{u}_L c_R)(\bar{c}_L u_R)$	C
S1uuRR_2222	$(\bar{c}_L c_R)(\bar{c}_L c_R)$	C
S8uuRR_1111	$(\bar{u}_L T^A u_R)(\bar{u}_L T^A u_R)$	C
S8uuRR_1122	$(\bar{u}_L T^A u_R)(\bar{c}_L T^A c_R)$	C
S8uuRR_1221	$(\bar{u}_L T^A c_R)(\bar{c}_L T^A u_R)$	C
S8uuRR_2222	$(\bar{c}_L T^A c_R)(\bar{c}_L T^A c_R)$	C
S1udRR_1111	$(\bar{u}_L u_R)(\bar{d}_L d_R)$	C
S1udRR_1122	$(\bar{u}_L u_R)(\bar{s}_L s_R)$	C
S1udRR_2211	$(\bar{c}_L c_R)(\bar{d}_L d_R)$	C
S1udRR_2222	$(\bar{c}_L c_R)(\bar{s}_L s_R)$	C
S8udRR_1111	$(\bar{u}_L T^A u_R)(\bar{d}_L T^A d_R)$	C
S8udRR_1122	$(\bar{u}_L T^A u_R)(\bar{s}_L T^A s_R)$	C

WC name	Operator	Type
S8udRR_2211	$(\bar{c}_L T^A c_R)(\bar{d}_L T^A d_R)$	C
S8udRR_2222	$(\bar{c}_L T^A c_R)(\bar{s}_L T^A s_R)$	C
S1ddRR_1111	$(\bar{d}_L d_R)(\bar{d}_L d_R)$	C
S1ddRR_1122	$(\bar{d}_L d_R)(\bar{s}_L s_R)$	C
S1ddRR_1221	$(\bar{d}_L s_R)(\bar{s}_L d_R)$	C
S1ddRR_2222	$(\bar{s}_L s_R)(\bar{s}_L s_R)$	C
S8ddRR_1111	$(\bar{d}_L T^A d_R)(\bar{d}_L T^A d_R)$	C
S8ddRR_1122	$(\bar{d}_L T^A d_R)(\bar{s}_L T^A s_R)$	C
S8ddRR_1221	$(\bar{d}_L T^A s_R)(\bar{s}_L T^A d_R)$	C
S8ddRR_2222	$(\bar{s}_L T^A s_R)(\bar{s}_L T^A s_R)$	C
S1udduRR_1111	$(\bar{u}_L d_R)(\bar{d}_L u_R)$	C
S1udduRR_1221	$(\bar{u}_L s_R)(\bar{s}_L u_R)$	C
S1udduRR_2112	$(\bar{c}_L d_R)(\bar{d}_L c_R)$	C
S1udduRR_2222	$(\bar{c}_L s_R)(\bar{s}_L c_R)$	C
S8udduRR_1111	$(\bar{u}_L T^A d_R)(\bar{d}_L T^A u_R)$	C
S8udduRR_1221	$(\bar{u}_L T^A s_R)(\bar{s}_L T^A u_R)$	C
S8udduRR_2112	$(\bar{c}_L T^A d_R)(\bar{d}_L T^A c_R)$	C
S8udduRR_2222	$(\bar{c}_L T^A s_R)(\bar{s}_L T^A c_R)$	C
VnueLL_1211	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{e}_L \gamma_\mu e_L)$	C
VnueLL_1222	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{\mu}_L \gamma_\mu \mu_L)$	C
VnueLL_1233	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{\tau}_L \gamma_\mu \tau_L)$	C
VnuuLL_1211	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{u}_L \gamma_\mu u_L)$	C
VnuuLL_1222	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{c}_L \gamma_\mu c_L)$	C
VnudLL_1211	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{d}_L \gamma_\mu d_L)$	C
VnudLL_1222	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{s}_L \gamma_\mu s_L)$	C
VnueLR_1211	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{e}_R \gamma_\mu e_R)$	C
VnueLR_1222	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{\mu}_R \gamma_\mu \mu_R)$	C
VnueLR_1233	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{\tau}_R \gamma_\mu \tau_R)$	C
VnuuLR_1211	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{u}_R \gamma_\mu u_R)$	C
VnuuLR_1222	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{c}_R \gamma_\mu c_R)$	C
VnudLR_1211	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{d}_R \gamma_\mu d_R)$	C
VnudLR_1222	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{s}_R \gamma_\mu s_R)$	C
VnueLL_1311	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{e}_L \gamma_\mu e_L)$	C
VnueLL_1322	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{\mu}_L \gamma_\mu \mu_L)$	C
VnueLL_1333	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{\tau}_L \gamma_\mu \tau_L)$	C
VnuuLL_1311	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{u}_L \gamma_\mu u_L)$	C
VnuuLL_1322	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{c}_L \gamma_\mu c_L)$	C
VnudLL_1311	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{d}_L \gamma_\mu d_L)$	C
VnudLL_1322	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{s}_L \gamma_\mu s_L)$	C
VnueLR_1311	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{e}_R \gamma_\mu e_R)$	C
VnueLR_1322	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{\mu}_R \gamma_\mu \mu_R)$	C
VnueLR_1333	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{\tau}_R \gamma_\mu \tau_R)$	C
VnuuLR_1311	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{u}_R \gamma_\mu u_R)$	C

WC name	Operator	Type
VnuuLR_1322	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{c}_R\gamma_\mu c_R)$	C
VnudLR_1311	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{d}_R\gamma_\mu d_R)$	C
VnudLR_1322	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{s}_R\gamma_\mu s_R)$	C
VnueLL_2311	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{e}_L\gamma_\mu e_L)$	C
VnueLL_2322	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\mu}_L\gamma_\mu \mu_L)$	C
VnueLL_2333	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\tau}_L\gamma_\mu \tau_L)$	C
VnuuLL_2311	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{u}_L\gamma_\mu u_L)$	C
VnuuLL_2322	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{c}_L\gamma_\mu c_L)$	C
VnudLL_2311	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{d}_L\gamma_\mu d_L)$	C
VnudLL_2322	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{s}_L\gamma_\mu s_L)$	C
VnueLR_2311	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{e}_R\gamma_\mu e_R)$	C
VnueLR_2322	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\mu}_R\gamma_\mu \mu_R)$	C
VnueLR_2333	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{\tau}_R\gamma_\mu \tau_R)$	C
VnuuLR_2311	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{u}_R\gamma_\mu u_R)$	C
VnuuLR_2322	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{c}_R\gamma_\mu c_R)$	C
VnudLR_2311	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{d}_R\gamma_\mu d_R)$	C
VnudLR_2322	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{s}_R\gamma_\mu s_R)$	C

#### usenu

WC name	Operator	Type
VnueduLL_1121	$(\bar{\nu}_{eL}\gamma^\mu e_L)(\bar{s}_L\gamma_\mu u_L)$	C
VnueduLR_1121	$(\bar{\nu}_{eL}\gamma^\mu e_L)(\bar{s}_R\gamma_\mu u_R)$	C
SnueduRL_1121	$(\bar{\nu}_{eL}e_R)(\bar{s}_R u_L)$	C
SnueduRR_1121	$(\bar{\nu}_{eL}e_R)(\bar{s}_L u_R)$	C
TnueduRR_1121	$(\bar{\nu}_{eL}\sigma^{\mu\nu}e_R)(\bar{s}_L\sigma_{\mu\nu}u_R)$	C
VnueduLL_2121	$(\bar{\nu}_{\mu L}\gamma^\mu e_L)(\bar{s}_L\gamma_\mu u_L)$	C
VnueduLR_2121	$(\bar{\nu}_{\mu L}\gamma^\mu e_L)(\bar{s}_R\gamma_\mu u_R)$	C
SnueduRL_2121	$(\bar{\nu}_{\mu L}e_R)(\bar{s}_R u_L)$	C
SnueduRR_2121	$(\bar{\nu}_{\mu L}e_R)(\bar{s}_L u_R)$	C
TnueduRR_2121	$(\bar{\nu}_{\mu L}\sigma^{\mu\nu}e_R)(\bar{s}_L\sigma_{\mu\nu}u_R)$	C
VnueduLL_3121	$(\bar{\nu}_{\tau L}\gamma^\mu e_L)(\bar{s}_L\gamma_\mu u_L)$	C
VnueduLR_3121	$(\bar{\nu}_{\tau L}\gamma^\mu e_L)(\bar{s}_R\gamma_\mu u_R)$	C
SnueduRL_3121	$(\bar{\nu}_{\tau L}e_R)(\bar{s}_R u_L)$	C
SnueduRR_3121	$(\bar{\nu}_{\tau L}e_R)(\bar{s}_L u_R)$	C
TnueduRR_3121	$(\bar{\nu}_{\tau L}\sigma^{\mu\nu}e_R)(\bar{s}_L\sigma_{\mu\nu}u_R)$	C

#### usmunu

WC name	Operator	Type
VnueduLL_1221	$(\bar{\nu}_{eL}\gamma^\mu \mu_L)(\bar{s}_L\gamma_\mu u_L)$	C

WC name	Operator	Type
VnueduLR_1221	$(\bar{\nu}_{eL}\gamma^\mu\mu_L)(\bar{s}_R\gamma_\mu u_R)$	C
SnueduRL_1221	$(\bar{\nu}_{eL}\mu_R)(\bar{s}_R u_L)$	C
SnueduRR_1221	$(\bar{\nu}_{eL}\mu_R)(\bar{s}_L u_R)$	C
TnueduRR_1221	$(\bar{\nu}_{eL}\sigma^{\mu\nu}\mu_R)(\bar{s}_L\sigma_{\mu\nu}u_R)$	C
VnueduLL_2221	$(\bar{\nu}_{\mu L}\gamma^\mu\mu_L)(\bar{s}_L\gamma_\mu u_L)$	C
VnueduLR_2221	$(\bar{\nu}_{\mu L}\gamma^\mu\mu_L)(\bar{s}_R\gamma_\mu u_R)$	C
SnueduRL_2221	$(\bar{\nu}_{\mu L}\mu_R)(\bar{s}_R u_L)$	C
SnueduRR_2221	$(\bar{\nu}_{\mu L}\mu_R)(\bar{s}_L u_R)$	C
TnueduRR_2221	$(\bar{\nu}_{\mu L}\sigma^{\mu\nu}\mu_R)(\bar{s}_L\sigma_{\mu\nu}u_R)$	C
VnueduLL_3221	$(\bar{\nu}_{\tau L}\gamma^\mu\mu_L)(\bar{s}_L\gamma_\mu u_L)$	C
VnueduLR_3221	$(\bar{\nu}_{\tau L}\gamma^\mu\mu_L)(\bar{s}_R\gamma_\mu u_R)$	C
SnueduRL_3221	$(\bar{\nu}_{\tau L}\mu_R)(\bar{s}_R u_L)$	C
SnueduRR_3221	$(\bar{\nu}_{\tau L}\mu_R)(\bar{s}_L u_R)$	C
TnueduRR_3221	$(\bar{\nu}_{\tau L}\sigma^{\mu\nu}\mu_R)(\bar{s}_L\sigma_{\mu\nu}u_R)$	C

#### ustaunu

WC name	Operator	Type
VnueduLL_1321	$(\bar{\nu}_{eL}\gamma^\mu\tau_L)(\bar{s}_L\gamma_\mu u_L)$	C
VnueduLR_1321	$(\bar{\nu}_{eL}\gamma^\mu\tau_L)(\bar{s}_R\gamma_\mu u_R)$	C
SnueduRL_1321	$(\bar{\nu}_{eL}\tau_R)(\bar{s}_R u_L)$	C
SnueduRR_1321	$(\bar{\nu}_{eL}\tau_R)(\bar{s}_L u_R)$	C
TnueduRR_1321	$(\bar{\nu}_{eL}\sigma^{\mu\nu}\tau_R)(\bar{s}_L\sigma_{\mu\nu}u_R)$	C
VnueduLL_2321	$(\bar{\nu}_{\mu L}\gamma^\mu\tau_L)(\bar{s}_L\gamma_\mu u_L)$	C
VnueduLR_2321	$(\bar{\nu}_{\mu L}\gamma^\mu\tau_L)(\bar{s}_R\gamma_\mu u_R)$	C
SnueduRL_2321	$(\bar{\nu}_{\mu L}\tau_R)(\bar{s}_R u_L)$	C
SnueduRR_2321	$(\bar{\nu}_{\mu L}\tau_R)(\bar{s}_L u_R)$	C
TnueduRR_2321	$(\bar{\nu}_{\mu L}\sigma^{\mu\nu}\tau_R)(\bar{s}_L\sigma_{\mu\nu}u_R)$	C
VnueduLL_3321	$(\bar{\nu}_{\tau L}\gamma^\mu\tau_L)(\bar{s}_L\gamma_\mu u_L)$	C
VnueduLR_3321	$(\bar{\nu}_{\tau L}\gamma^\mu\tau_L)(\bar{s}_R\gamma_\mu u_R)$	C
SnueduRL_3321	$(\bar{\nu}_{\tau L}\tau_R)(\bar{s}_R u_L)$	C
SnueduRR_3321	$(\bar{\nu}_{\tau L}\tau_R)(\bar{s}_L u_R)$	C
TnueduRR_3321	$(\bar{\nu}_{\tau L}\sigma^{\mu\nu}\tau_R)(\bar{s}_L\sigma_{\mu\nu}u_R)$	C

#### csenu

WC name	Operator	Type
VnueduLL_1122	$(\bar{\nu}_{eL}\gamma^\mu e_L)(\bar{s}_L\gamma_\mu c_L)$	C
VnueduLR_1122	$(\bar{\nu}_{eL}\gamma^\mu e_L)(\bar{s}_R\gamma_\mu c_R)$	C
SnueduRL_1122	$(\bar{\nu}_{eL}e_R)(\bar{s}_R c_L)$	C

WC name	Operator	Type
SnueduRR_1122	$(\bar{\nu}_{eL} e_R)(\bar{s}_L c_R)$	C
TnueduRR_1122	$(\bar{\nu}_{eL} \sigma^{\mu\nu} e_R)(\bar{s}_L \sigma_{\mu\nu} c_R)$	C
VnueduLL_2122	$(\bar{\nu}_{\mu L} \gamma^\mu e_L)(\bar{s}_L \gamma_\mu c_L)$	C
VnueduLR_2122	$(\bar{\nu}_{\mu L} \gamma^\mu e_L)(\bar{s}_R \gamma_\mu c_R)$	C
SnueduRL_2122	$(\bar{\nu}_{\mu L} e_R)(\bar{s}_R c_L)$	C
SnueduRR_2122	$(\bar{\nu}_{\mu L} e_R)(\bar{s}_L c_R)$	C
TnueduRR_2122	$(\bar{\nu}_{\mu L} \sigma^{\mu\nu} e_R)(\bar{s}_L \sigma_{\mu\nu} c_R)$	C
VnueduLL_3122	$(\bar{\nu}_{\tau L} \gamma^\mu e_L)(\bar{s}_L \gamma_\mu c_L)$	C
VnueduLR_3122	$(\bar{\nu}_{\tau L} \gamma^\mu e_L)(\bar{s}_R \gamma_\mu c_R)$	C
SnueduRL_3122	$(\bar{\nu}_{\tau L} e_R)(\bar{s}_R c_L)$	C
SnueduRR_3122	$(\bar{\nu}_{\tau L} e_R)(\bar{s}_L c_R)$	C
TnueduRR_3122	$(\bar{\nu}_{\tau L} \sigma^{\mu\nu} e_R)(\bar{s}_L \sigma_{\mu\nu} c_R)$	C

#### csmunu

WC name	Operator	Type
VnueduLL_1222	$(\bar{\nu}_{eL} \gamma^\mu \mu_L)(\bar{s}_L \gamma_\mu c_L)$	C
VnueduLR_1222	$(\bar{\nu}_{eL} \gamma^\mu \mu_L)(\bar{s}_R \gamma_\mu c_R)$	C
SnueduRL_1222	$(\bar{\nu}_{eL} \mu_R)(\bar{s}_R c_L)$	C
SnueduRR_1222	$(\bar{\nu}_{eL} \mu_R)(\bar{s}_L c_R)$	C
TnueduRR_1222	$(\bar{\nu}_{eL} \sigma^{\mu\nu} \mu_R)(\bar{s}_L \sigma_{\mu\nu} c_R)$	C
VnueduLL_2222	$(\bar{\nu}_{\mu L} \gamma^\mu \mu_L)(\bar{s}_L \gamma_\mu c_L)$	C
VnueduLR_2222	$(\bar{\nu}_{\mu L} \gamma^\mu \mu_L)(\bar{s}_R \gamma_\mu c_R)$	C
SnueduRL_2222	$(\bar{\nu}_{\mu L} \mu_R)(\bar{s}_R c_L)$	C
SnueduRR_2222	$(\bar{\nu}_{\mu L} \mu_R)(\bar{s}_L c_R)$	C
TnueduRR_2222	$(\bar{\nu}_{\mu L} \sigma^{\mu\nu} \mu_R)(\bar{s}_L \sigma_{\mu\nu} c_R)$	C
VnueduLL_3222	$(\bar{\nu}_{\tau L} \gamma^\mu \mu_L)(\bar{s}_L \gamma_\mu c_L)$	C
VnueduLR_3222	$(\bar{\nu}_{\tau L} \gamma^\mu \mu_L)(\bar{s}_R \gamma_\mu c_R)$	C
SnueduRL_3222	$(\bar{\nu}_{\tau L} \mu_R)(\bar{s}_R c_L)$	C
SnueduRR_3222	$(\bar{\nu}_{\tau L} \mu_R)(\bar{s}_L c_R)$	C
TnueduRR_3222	$(\bar{\nu}_{\tau L} \sigma^{\mu\nu} \mu_R)(\bar{s}_L \sigma_{\mu\nu} c_R)$	C

#### cstaunu

WC name	Operator	Type
VnueduLL_1322	$(\bar{\nu}_{eL} \gamma^\mu \tau_L)(\bar{s}_L \gamma_\mu c_L)$	C
VnueduLR_1322	$(\bar{\nu}_{eL} \gamma^\mu \tau_L)(\bar{s}_R \gamma_\mu c_R)$	C
SnueduRL_1322	$(\bar{\nu}_{eL} \tau_R)(\bar{s}_R c_L)$	C
SnueduRR_1322	$(\bar{\nu}_{eL} \tau_R)(\bar{s}_L c_R)$	C
TnueduRR_1322	$(\bar{\nu}_{eL} \sigma^{\mu\nu} \tau_R)(\bar{s}_L \sigma_{\mu\nu} c_R)$	C

WC name	Operator	Type
VnueduLL_2322	$(\bar{\nu}_{\mu L} \gamma^\mu \tau_L)(\bar{s}_L \gamma_\mu c_L)$	C
VnueduLR_2322	$(\bar{\nu}_{\mu L} \gamma^\mu \tau_L)(\bar{s}_R \gamma_\mu c_R)$	C
SnueduRL_2322	$(\bar{\nu}_{\mu L} \tau_R)(\bar{s}_R c_L)$	C
SnueduRR_2322	$(\bar{\nu}_{\mu L} \tau_R)(\bar{s}_L c_R)$	C
TnueduRR_2322	$(\bar{\nu}_{\mu L} \sigma^{\mu\nu} \tau_R)(\bar{s}_L \sigma_{\mu\nu} c_R)$	C
VnueduLL_3322	$(\bar{\nu}_{\tau L} \gamma^\mu \tau_L)(\bar{s}_L \gamma_\mu c_L)$	C
VnueduLR_3322	$(\bar{\nu}_{\tau L} \gamma^\mu \tau_L)(\bar{s}_R \gamma_\mu c_R)$	C
SnueduRL_3322	$(\bar{\nu}_{\tau L} \tau_R)(\bar{s}_R c_L)$	C
SnueduRR_3322	$(\bar{\nu}_{\tau L} \tau_R)(\bar{s}_L c_R)$	C
TnueduRR_3322	$(\bar{\nu}_{\tau L} \sigma^{\mu\nu} \tau_R)(\bar{s}_L \sigma_{\mu\nu} c_R)$	C

#### udenu

WC name	Operator	Type
VnueduLL_1111	$(\bar{\nu}_{eL} \gamma^\mu e_L)(\bar{d}_L \gamma_\mu u_L)$	C
VnueduLR_1111	$(\bar{\nu}_{eL} \gamma^\mu e_L)(\bar{d}_R \gamma_\mu u_R)$	C
SnueduRL_1111	$(\bar{\nu}_{eL} e_R)(\bar{d}_R u_L)$	C
SnueduRR_1111	$(\bar{\nu}_{eL} e_R)(\bar{d}_L u_R)$	C
TnueduRR_1111	$(\bar{\nu}_{eL} \sigma^{\mu\nu} e_R)(\bar{d}_L \sigma_{\mu\nu} u_R)$	C
VnueduLL_2111	$(\bar{\nu}_{\mu L} \gamma^\mu e_L)(\bar{d}_L \gamma_\mu u_L)$	C
VnueduLR_2111	$(\bar{\nu}_{\mu L} \gamma^\mu e_L)(\bar{d}_R \gamma_\mu u_R)$	C
SnueduRL_2111	$(\bar{\nu}_{\mu L} e_R)(\bar{d}_R u_L)$	C
SnueduRR_2111	$(\bar{\nu}_{\mu L} e_R)(\bar{d}_L u_R)$	C
TnueduRR_2111	$(\bar{\nu}_{\mu L} \sigma^{\mu\nu} e_R)(\bar{d}_L \sigma_{\mu\nu} u_R)$	C
VnueduLL_3111	$(\bar{\nu}_{\tau L} \gamma^\mu e_L)(\bar{d}_L \gamma_\mu u_L)$	C
VnueduLR_3111	$(\bar{\nu}_{\tau L} \gamma^\mu e_L)(\bar{d}_R \gamma_\mu u_R)$	C
SnueduRL_3111	$(\bar{\nu}_{\tau L} e_R)(\bar{d}_R u_L)$	C
SnueduRR_3111	$(\bar{\nu}_{\tau L} e_R)(\bar{d}_L u_R)$	C
TnueduRR_3111	$(\bar{\nu}_{\tau L} \sigma^{\mu\nu} e_R)(\bar{d}_L \sigma_{\mu\nu} u_R)$	C

#### udmunu

WC name	Operator	Type
VnueduLL_1211	$(\bar{\nu}_{eL} \gamma^\mu \mu_L)(\bar{d}_L \gamma_\mu u_L)$	C
VnueduLR_1211	$(\bar{\nu}_{eL} \gamma^\mu \mu_L)(\bar{d}_R \gamma_\mu u_R)$	C
SnueduRL_1211	$(\bar{\nu}_{eL} \mu_R)(\bar{d}_R u_L)$	C
SnueduRR_1211	$(\bar{\nu}_{eL} \mu_R)(\bar{d}_L u_R)$	C
TnueduRR_1211	$(\bar{\nu}_{eL} \sigma^{\mu\nu} \mu_R)(\bar{d}_L \sigma_{\mu\nu} u_R)$	C
VnueduLL_2211	$(\bar{\nu}_{\mu L} \gamma^\mu \mu_L)(\bar{d}_L \gamma_\mu u_L)$	C

WC name	Operator	Type
VnueduLR_2211	$(\bar{\nu}_{\mu L} \gamma^\mu \mu_L)(\bar{d}_R \gamma_\mu u_R)$	C
SnueduRL_2211	$(\bar{\nu}_{\mu L} \mu_R)(\bar{d}_R u_L)$	C
SnueduRR_2211	$(\bar{\nu}_{\mu L} \mu_R)(\bar{d}_L u_R)$	C
TnueduRR_2211	$(\bar{\nu}_{\mu L} \sigma^{\mu\nu} \mu_R)(\bar{d}_L \sigma_{\mu\nu} u_R)$	C
VnueduLL_3211	$(\bar{\nu}_{\tau L} \gamma^\mu \mu_L)(\bar{d}_L \gamma_\mu u_L)$	C
VnueduLR_3211	$(\bar{\nu}_{\tau L} \gamma^\mu \mu_L)(\bar{d}_R \gamma_\mu u_R)$	C
SnueduRL_3211	$(\bar{\nu}_{\tau L} \mu_R)(\bar{d}_R u_L)$	C
SnueduRR_3211	$(\bar{\nu}_{\tau L} \mu_R)(\bar{d}_L u_R)$	C
TnueduRR_3211	$(\bar{\nu}_{\tau L} \sigma^{\mu\nu} \mu_R)(\bar{d}_L \sigma_{\mu\nu} u_R)$	C

#### udtaunu

WC name	Operator	Type
VnueduLL_1311	$(\bar{\nu}_{eL} \gamma^\mu \tau_L)(\bar{d}_L \gamma_\mu u_L)$	C
VnueduLR_1311	$(\bar{\nu}_{eL} \gamma^\mu \tau_L)(\bar{d}_R \gamma_\mu u_R)$	C
SnueduRL_1311	$(\bar{\nu}_{eL} \tau_R)(\bar{d}_R u_L)$	C
SnueduRR_1311	$(\bar{\nu}_{eL} \tau_R)(\bar{d}_L u_R)$	C
TnueduRR_1311	$(\bar{\nu}_{eL} \sigma^{\mu\nu} \tau_R)(\bar{d}_L \sigma_{\mu\nu} u_R)$	C
VnueduLL_2311	$(\bar{\nu}_{\mu L} \gamma^\mu \tau_L)(\bar{d}_L \gamma_\mu u_L)$	C
VnueduLR_2311	$(\bar{\nu}_{\mu L} \gamma^\mu \tau_L)(\bar{d}_R \gamma_\mu u_R)$	C
SnueduRL_2311	$(\bar{\nu}_{\mu L} \tau_R)(\bar{d}_R u_L)$	C
SnueduRR_2311	$(\bar{\nu}_{\mu L} \tau_R)(\bar{d}_L u_R)$	C
TnueduRR_2311	$(\bar{\nu}_{\mu L} \sigma^{\mu\nu} \tau_R)(\bar{d}_L \sigma_{\mu\nu} u_R)$	C
VnueduLL_3311	$(\bar{\nu}_{\tau L} \gamma^\mu \tau_L)(\bar{d}_L \gamma_\mu u_L)$	C
VnueduLR_3311	$(\bar{\nu}_{\tau L} \gamma^\mu \tau_L)(\bar{d}_R \gamma_\mu u_R)$	C
SnueduRL_3311	$(\bar{\nu}_{\tau L} \tau_R)(\bar{d}_R u_L)$	C
SnueduRR_3311	$(\bar{\nu}_{\tau L} \tau_R)(\bar{d}_L u_R)$	C
TnueduRR_3311	$(\bar{\nu}_{\tau L} \sigma^{\mu\nu} \tau_R)(\bar{d}_L \sigma_{\mu\nu} u_R)$	C

#### cdenu

WC name	Operator	Type
VnueduLL_1112	$(\bar{\nu}_{eL} \gamma^\mu e_L)(\bar{d}_L \gamma_\mu c_L)$	C
VnueduLR_1112	$(\bar{\nu}_{eL} \gamma^\mu e_L)(\bar{d}_R \gamma_\mu c_R)$	C
SnueduRL_1112	$(\bar{\nu}_{eL} e_R)(\bar{d}_R c_L)$	C
SnueduRR_1112	$(\bar{\nu}_{eL} e_R)(\bar{d}_L c_R)$	C
TnueduRR_1112	$(\bar{\nu}_{eL} \sigma^{\mu\nu} e_R)(\bar{d}_L \sigma_{\mu\nu} c_R)$	C
VnueduLL_2112	$(\bar{\nu}_{\mu L} \gamma^\mu e_L)(\bar{d}_L \gamma_\mu c_L)$	C
VnueduLR_2112	$(\bar{\nu}_{\mu L} \gamma^\mu e_L)(\bar{d}_R \gamma_\mu c_R)$	C



WC name	Operator	Type
SnueduRL_2112	$(\bar{\nu}_{\mu L} e_R)(\bar{d}_R c_L)$	C
SnueduRR_2112	$(\bar{\nu}_{\mu L} e_R)(\bar{d}_L c_R)$	C
TnueduRR_2112	$(\bar{\nu}_{\mu L} \sigma^{\mu\nu} e_R)(\bar{d}_L \sigma_{\mu\nu} c_R)$	C
VnueduLL_3112	$(\bar{\nu}_{\tau L} \gamma^\mu e_L)(\bar{d}_L \gamma_\mu c_L)$	C
VnueduLR_3112	$(\bar{\nu}_{\tau L} \gamma^\mu e_L)(\bar{d}_R \gamma_\mu c_R)$	C
SnueduRL_3112	$(\bar{\nu}_{\tau L} e_R)(\bar{d}_R c_L)$	C
SnueduRR_3112	$(\bar{\nu}_{\tau L} e_R)(\bar{d}_L c_R)$	C
TnueduRR_3112	$(\bar{\nu}_{\tau L} \sigma^{\mu\nu} e_R)(\bar{d}_L \sigma_{\mu\nu} c_R)$	C

#### cdmunu

WC name	Operator	Type
VnueduLL_1212	$(\bar{\nu}_{eL} \gamma^\mu \mu_L)(\bar{d}_L \gamma_\mu c_L)$	C
VnueduLR_1212	$(\bar{\nu}_{eL} \gamma^\mu \mu_L)(\bar{d}_R \gamma_\mu c_R)$	C
SnueduRL_1212	$(\bar{\nu}_{eL} \mu_R)(\bar{d}_R c_L)$	C
SnueduRR_1212	$(\bar{\nu}_{eL} \mu_R)(\bar{d}_L c_R)$	C
TnueduRR_1212	$(\bar{\nu}_{eL} \sigma^{\mu\nu} \mu_R)(\bar{d}_L \sigma_{\mu\nu} c_R)$	C
VnueduLL_2212	$(\bar{\nu}_{\mu L} \gamma^\mu \mu_L)(\bar{d}_L \gamma_\mu c_L)$	C
VnueduLR_2212	$(\bar{\nu}_{\mu L} \gamma^\mu \mu_L)(\bar{d}_R \gamma_\mu c_R)$	C
SnueduRL_2212	$(\bar{\nu}_{\mu L} \mu_R)(\bar{d}_R c_L)$	C
SnueduRR_2212	$(\bar{\nu}_{\mu L} \mu_R)(\bar{d}_L c_R)$	C
TnueduRR_2212	$(\bar{\nu}_{\mu L} \sigma^{\mu\nu} \mu_R)(\bar{d}_L \sigma_{\mu\nu} c_R)$	C
VnueduLL_3212	$(\bar{\nu}_{\tau L} \gamma^\mu \mu_L)(\bar{d}_L \gamma_\mu c_L)$	C
VnueduLR_3212	$(\bar{\nu}_{\tau L} \gamma^\mu \mu_L)(\bar{d}_R \gamma_\mu c_R)$	C
SnueduRL_3212	$(\bar{\nu}_{\tau L} \mu_R)(\bar{d}_R c_L)$	C
SnueduRR_3212	$(\bar{\nu}_{\tau L} \mu_R)(\bar{d}_L c_R)$	C
TnueduRR_3212	$(\bar{\nu}_{\tau L} \sigma^{\mu\nu} \mu_R)(\bar{d}_L \sigma_{\mu\nu} c_R)$	C

#### cdtaunu

WC name	Operator	Type
VnueduLL_1312	$(\bar{\nu}_{eL} \gamma^\mu \tau_L)(\bar{d}_L \gamma_\mu c_L)$	C
VnueduLR_1312	$(\bar{\nu}_{eL} \gamma^\mu \tau_L)(\bar{d}_R \gamma_\mu c_R)$	C
SnueduRL_1312	$(\bar{\nu}_{eL} \tau_R)(\bar{d}_R c_L)$	C
SnueduRR_1312	$(\bar{\nu}_{eL} \tau_R)(\bar{d}_L c_R)$	C
TnueduRR_1312	$(\bar{\nu}_{eL} \sigma^{\mu\nu} \tau_R)(\bar{d}_L \sigma_{\mu\nu} c_R)$	C
VnueduLL_2312	$(\bar{\nu}_{\mu L} \gamma^\mu \tau_L)(\bar{d}_L \gamma_\mu c_L)$	C
VnueduLR_2312	$(\bar{\nu}_{\mu L} \gamma^\mu \tau_L)(\bar{d}_R \gamma_\mu c_R)$	C
SnueduRL_2312	$(\bar{\nu}_{\mu L} \tau_R)(\bar{d}_R c_L)$	C

WC name	Operator	Type
SnueduRR_2312	$(\bar{\nu}_{\mu L} \tau_R)(\bar{d}_L c_R)$	C
TnueduRR_2312	$(\bar{\nu}_{\mu L} \sigma^{\mu\nu} \tau_R)(\bar{d}_L \sigma_{\mu\nu} c_R)$	C
VnueduLL_3312	$(\bar{\nu}_{\tau L} \gamma^\mu \tau_L)(\bar{d}_L \gamma_\mu c_L)$	C
VnueduLR_3312	$(\bar{\nu}_{\tau L} \gamma^\mu \tau_L)(\bar{d}_R \gamma_\mu c_R)$	C
SnueduRL_3312	$(\bar{\nu}_{\tau L} \tau_R)(\bar{d}_R c_L)$	C
SnueduRR_3312	$(\bar{\nu}_{\tau L} \tau_R)(\bar{d}_L c_R)$	C
TnueduRR_3312	$(\bar{\nu}_{\tau L} \sigma^{\mu\nu} \tau_R)(\bar{d}_L \sigma_{\mu\nu} c_R)$	C

#### sdnunu

WC name	Operator	Type
VnudLL_1112	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{d}_L \gamma_\mu s_L)$	C
VnudLL_2212	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{d}_L \gamma_\mu s_L)$	C
VnudLL_3312	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{d}_L \gamma_\mu s_L)$	C
VnudLR_1112	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{d}_R \gamma_\mu s_R)$	C
VnudLR_2212	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{d}_R \gamma_\mu s_R)$	C
VnudLR_3312	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{d}_R \gamma_\mu s_R)$	C
VnudLL_1221	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{s}_L \gamma_\mu d_L)$	C
VnudLR_1221	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{s}_R \gamma_\mu d_R)$	C
VnudLL_1321	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{s}_L \gamma_\mu d_L)$	C
VnudLR_1321	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{s}_R \gamma_\mu d_R)$	C
VnudLL_1212	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{d}_L \gamma_\mu s_L)$	C
VnudLR_1212	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{d}_R \gamma_\mu s_R)$	C
VnudLL_2321	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\tau L})(\bar{s}_L \gamma_\mu d_L)$	C
VnudLR_2321	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\tau L})(\bar{s}_R \gamma_\mu d_R)$	C
VnudLL_1312	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{d}_L \gamma_\mu s_L)$	C
VnudLR_1312	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\tau L})(\bar{d}_R \gamma_\mu s_R)$	C
VnudLL_2312	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\tau L})(\bar{d}_L \gamma_\mu s_L)$	C
VnudLR_2312	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\tau L})(\bar{d}_R \gamma_\mu s_R)$	C

#### cununu

WC name	Operator	Type
VnuuLL_1112	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{u}_L \gamma_\mu c_L)$	C
VnuuLL_2212	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{u}_L \gamma_\mu c_L)$	C
VnuuLL_3312	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{u}_L \gamma_\mu c_L)$	C
VnuuLR_1112	$(\bar{\nu}_{eL} \gamma^\mu \nu_{eL})(\bar{u}_R \gamma_\mu c_R)$	C
VnuuLR_2212	$(\bar{\nu}_{\mu L} \gamma^\mu \nu_{\mu L})(\bar{u}_R \gamma_\mu c_R)$	C
VnuuLR_3312	$(\bar{\nu}_{\tau L} \gamma^\mu \nu_{\tau L})(\bar{u}_R \gamma_\mu c_R)$	C
VnuuLL_1221	$(\bar{\nu}_{eL} \gamma^\mu \nu_{\mu L})(\bar{c}_L \gamma_\mu u_L)$	C

WC name	Operator	Type
VnuuLR_1221	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{c}_R\gamma_\mu u_R)$	C
VnuuLL_1321	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{c}_L\gamma_\mu u_L)$	C
VnuuLR_1321	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{c}_R\gamma_\mu u_R)$	C
VnuuLL_1212	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{u}_L\gamma_\mu c_L)$	C
VnuuLR_1212	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\mu L})(\bar{u}_R\gamma_\mu c_R)$	C
VnuuLL_2321	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{c}_L\gamma_\mu u_L)$	C
VnuuLR_2321	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{c}_R\gamma_\mu u_R)$	C
VnuuLL_1312	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{u}_L\gamma_\mu c_L)$	C
VnuuLR_1312	$(\bar{\nu}_{eL}\gamma^\mu\nu_{\tau L})(\bar{u}_R\gamma_\mu c_R)$	C
VnuuLL_2312	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{u}_L\gamma_\mu c_L)$	C
VnuuLR_2312	$(\bar{\nu}_{\mu L}\gamma^\mu\nu_{\tau L})(\bar{u}_R\gamma_\mu c_R)$	C