

	LQ _S mass [GeV]	LQ _V , $\kappa = 1$ mass [GeV]	LQ _V , $\kappa = 0$ mass [GeV]
LQ \rightarrow $q\nu$ (q= u, d, s, or c)	1140	1980	1560
LQ \rightarrow $b\nu$	1185	1925	1560
LQ \rightarrow $t\nu$	1140	1825	1475
LQ \rightarrow $\begin{cases} t\nu & (\mathcal{B} = 50\%) \\ b\tau & (\mathcal{B} = 50\%) \end{cases}$	—	1550	1225