

Channel	Prod. modes	$m_{V'}$ range [TeV]	Leptons	Jets	Reference
$Z' \rightarrow \tau^+ \tau^-$	DY	0.5–4.0	$\ell \tau_{\text{h}}$ or $2\tau_{\text{h}}$	—	[none-none-none]
$Z' \rightarrow \ell^+ \ell^-$	DY	0.8–5.5	2ℓ	—	[none-none-none]
$W' \rightarrow \ell \bar{\nu}$	DY	0.8–6.0	1ℓ	—	[none-none-none]
$W' \rightarrow \tau \bar{\nu}$	DY	0.8–6.0	$1\tau_{\text{h}}$	—	[none-none-none]
$V' \rightarrow q \bar{q}^{(\prime)}$	DY	1.8–8.7	0ℓ	jj	[none-none-none]
$W' \rightarrow t \bar{b} \text{ (} 0\ell \text{)}$	DY	1.0–4.0	0ℓ	$j^t j^b$	[none-none-none]
$W' \rightarrow t \bar{b} \text{ (} 1\ell \text{)}$	DY	2.0–6.0	1ℓ	$j^b j^b$	[none-none-none]
$Z' \rightarrow t \bar{t} \text{ (} 1\ell \text{)}$	DY	0.8–5.0	1ℓ	j^t or jjj^b	[none-none-none]
$Z' \rightarrow ZH \text{ (} 2\ell 2b \text{)}$	DY + VBF	0.8–5.0	2ℓ	j^{bb}	[none-none-none]
$Z' \rightarrow ZH \text{ (} 2\nu 2b \text{)}$	DY + VBF	0.8–5.0	0ℓ	j^{bb}	[none-none-none]
$Z' \rightarrow ZH \text{ (} 2\ell 2q \text{)}$	DY	1.2–6.0	2ℓ	j^H	[none-none-none]
$Z' \rightarrow ZH \text{ (} 2\nu 2q \text{)}$	DY	1.2–6.0	0ℓ	j^H	[none-none-none]
$W' \rightarrow WZ \text{ (} 2q 2\ell \text{)}$	DY	0.6–2.0	2ℓ	j^V or jj	[none-none-none]
$W' \rightarrow WZ \text{ (} 2q 2\nu \text{)}$	DY + VBF	1.0–4.5	0ℓ	j^V	[none-none-none]
$V' \rightarrow WV / WH$	DY + VBF	1.0–4.5	1ℓ	j^V	[none-none-none]
$V' \rightarrow VV / VH$	DY + VBF	1.3–6.0	0ℓ	$j^V j^V$	[none-none-none]