

Selection	Description
Trigger	$H_T > 800$ or 900/1050/1050 GeV
Loose lepton count	=0
Tight lepton count	=0
AK8 jet threshold	$p_T > 300$ GeV
AK8 jet count	>2
Leading AK8 jet	$p_T > 550$ GeV
H $\rightarrow$ $b\bar{b}$ candidate	max $X \rightarrow b\bar{b}$ score AK8 jet $X \rightarrow b\bar{b}$ score > 0.3
V $\rightarrow$ qq candidates	$p_T$ -leading AK8 jets $X \rightarrow qq$ score > 0.5
AK4 jet count for VBS	$\geq 2$
VBS jet candidates	max $ \Delta\eta_{jj} $