

Missing transverse momentum	$p_{\text{T}}^{\text{miss}} > 20 \text{ GeV}$
=1 electron or muon	$p_{\text{T}}(\text{e}) > 30 \text{ (35 GeV) in 2016 (2017 and 2018)}$ $p_{\text{T}}(\mu) > 30 \text{ GeV}$
	$ \eta(\text{e}) < 2.5, \eta(\mu) < 2.4$
≥ 1 AK8 jet	$p_{\text{T}} > 200 \text{ GeV}, \eta < 2.4$ $50 < m_{\text{SD}} < 200 \text{ GeV}$
=1 Z or Higgs boson candidate AK8 jet	Highest $\text{b}\bar{\text{b}}$ tagger score (>0.8)
≥ 5 AK4 jets (may overlap AK8 jet)	$p_{\text{T}} > 30 \text{ GeV}, \eta < 2.4$
≥ 2 b-tagged AK4 jets	Satisfy medium DeepCSV b-tag requirements $\Delta R(\text{Z or Higgs boson candidate AK8 jet}) > 0.8$