

Physics objects	Selection criteria
Lepton	Pair of isolated SS leptons (e or μ), lead $p_T > 25$ GeV, else $p_T > 20$ GeV, $ \eta_e < 2.4$, $ \eta_\mu < 2.5$
Jet	≥ 2 in SS events or ≥ 1 in multilepton events, $p_T > 30$ GeV, $ \eta < 2.4$
b-tagged jet	$p_T > 25$ GeV, $ \eta < 2.4$
$m_{\ell\ell}$ (SF)	> 12 GeV
$m_{\ell\ell}$ (any flavor, any charge)	> 8 GeV
m_{ee} (SS)	< 75 or > 105 GeV