

Channel	Z boson selection	h boson selection
$ll + e\tau_h$	$\left. \begin{array}{l} \text{Opposite-charge, same-flavor light leptons} \\ 60 < m_{ll} < 120 \text{ GeV} \end{array} \right\}$	$\epsilon_{\text{id.}}^e = 80\%, I^e < 0.15, \epsilon_{\text{id.+iso.}}^{\tau_h} = 70\%$
$ll + \mu\tau_h$		$\epsilon_{\text{id.}}^\mu > 99\%, I^\mu < 0.15, \epsilon_{\text{id.+iso.}}^{\tau_h} = 70\%$
$ll + \tau_h\tau_h$		$\epsilon_{\text{id.+iso.}}^{\tau_h} = 70\%, L_T^h > 60 \text{ GeV}$
$ll + e\mu$		$\epsilon_{\text{id.}}^e = 80\%, I^e < 0.15, \epsilon_{\text{id.}}^\mu > 99\%, I^\mu < 0.15$