

	FH channel	SL channel	DL channel
Number of leptons	0	1	2
Sign and flavour of leptons	—	$e^{\pm}, \mu^{\pm}$	$e^+e^-, \mu^{\pm}e^{\mp}, \mu^+\mu^-$
Min. $p_T$ of leading electron (GeV)	—	29/30/30	25
Min. $p_T$ of leading muon (GeV)	—	26/29/26	25
Min. $p_T$ of additional leptons (GeV)	—	—	15
Max. $p_T$ of additional leptons (GeV)	15	15	—
Max. $ \eta $ of leptons	2.4	2.4	2.4
Min. $m_{\ell\ell}$ (GeV)	—	—	20
$m_{ee/\mu\mu}$ (GeV)	—	—	$< 76$ or $> 106$
Min. number of jets	7	5	3
Min. $p_T$ of jets (GeV)	30	30	30
Min. $p_T$ of 6 <sup>th</sup> jet (GeV)	40	—	—
Max. $ \eta $ of jets	2.4	2.4	2.4
Min. number of b-tagged jets	2	4	3
$m_{qq}$ (GeV)	$> 30$ and $< 250$	—	—
Min. $H_T$ (GeV)	500	—	—
Min. $p_T^{\text{miss}}$ (GeV)	—	20	40