

Analysis	Int. luminosity (fb^{-1})	Targeted production modes	References
$HH \rightarrow \gamma\gamma b\bar{b}$	138	$ggHH$ and $qqHH$	[32]
$HH \rightarrow \tau\tau b\bar{b}$	138	$ggHH$ and $qqHH$	[35]
$HH \rightarrow 4b$	138	$ggHH$ and $qqHH$	[36,37]
HH (leptons)	138	$ggHH$	[38]
$HH \rightarrow WWb\bar{b}$	138	$ggHH$ and $qqHH$	[none-none-none-none-none]
$VHH \rightarrow b\bar{b}b\bar{b}$	138	VHH	[none-none-none-none-none]