

Event category	Jet	Soft-drop mass (GeV)	Double-b tagger discriminator
Signal (LL)	j_1		0.3–0.8
	j_2	105–135	
Signal (TT)	j_1		>0.8
	j_2		
Antitag (LL)	j_1		<0.3
	j_2	105–135	0.3–0.8
Antitag (TT)	j_1		<0.3
	j_2		>0.8
Sideband (LL, passing)	j_1	<105 or >135	0.3–0.8
	j_2	105–135	
Sideband (TT, passing)	j_1	<105 or >135	>0.8
	j_2	105–135	
Sideband (LL, failing)	j_1	<105 or >135	<0.3
	j_2	105–135	0.3–0.8
Sideband (TT, failing)	j_1	<105 or >135	<0.3
	j_2	105–135	>0.8