

SR label	Purity	VLQ candidate tags	DEEPAK8 jet tags		
			t	H	Z
1	HP	bWbW			
2	HP	tZbW			
3	HP	tHbW			
4	HP	tZtZ + tZtH + tHtH			
5	LP	hadronic bW			
6	LP	hadronic tZ			
7	LP	hadronic tH			
8	LP	other	≥ 2		
9	LP	other	1	0	
10	LP	other	0-1	≥ 2	
11	LP	other	0-1	1	
12	LP	other	0	0	≥ 1