Table S2. μTUG fabrication parameters

Step	Procedure	Specifications	Time	Notes
1)	Spin SU8-2050	500 RPM	90 s	84 RPM/s acceleration
		2200 RPM	60 s	336 RPM/s acceleration
2)	Soft Bake	65 degrees C	10 min	
		95 degrees C	30 min	
3)	Cool to 25 degrees C			
4)	Expose Lower Section	200 mJ		*Through U-360 filter (HOYA)*
5)	Spin SU8-2100	500 RPM	120 s	84 RPM/s acceleration
		1500 RPM	90 s	336 RPM/s acceleration
6)	Soft Bake	65 degrees C	10 min	
		95 degrees C	30 min	
7)	Cool to 25 degrees C			
8)	Spin dSU8-2007-15%	500 RPM	10 s	resist=15% S-1813, 85% SU8-2007
		1000 RPM	30 s	
9)	Soft Bake	65 degrees C	2 min	
		95 degrees C	5 min	
10)	Cool to 25 degrees C			
11)	Expose Center Section	500 mJ		*Through U-360 filter (HOYA)*
12)	Spin SU8-2050	500 RPM		84 RPM/s acceleration
		2200 RPM		336 RPM/s acceleration
13)	Soft Bake	65 degrees C	10 min	
		95 degrees C	30 min	
14)	Cool to 25 degrees C			
15)	Expose Top Section	175 mJ		*Through U-360 filter (HOYA)*
16)	Post Exposure Bake	65 degrees C	10 min	
		95 degrees C	30 min	
17)	Cool to 25 degrees C			
18)	Develop in PGMEA	30 degrees C	30 min	with agitation
19)	Rinse in IPA		2 min	with agitation
20)	Hard Bake	175 degrees C	8 hrs	