

RoboOligo Performance Tests

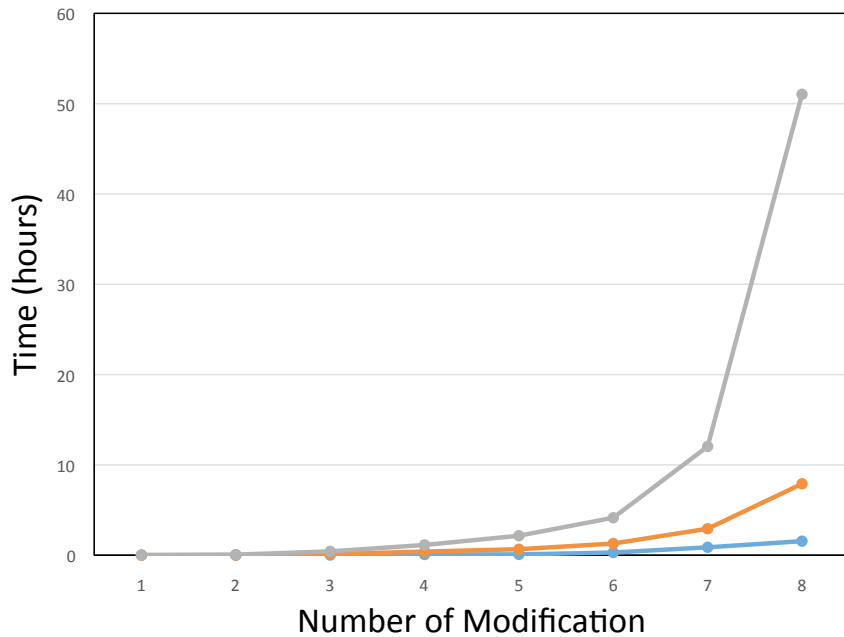
Robo Oligo speed test

Machine information:

Intel Core i5-3330 CPU @ 3.00Ghz 3.00Ghz

RAM 8G

Time vs. Number of Modification



	Number of precursor			
number of mod	920	1420	2330	
0	10.888	23.122	26.605	
1	11.448	26.97	69.722	
2	20.399	71.045	162.55	
3	94.309	366.498	1084.74	
4	309.497	1165.036	2624.421	
5	347.297	2058.577	5379.083	
6	1093.717	3581.815	10277.6	
7	3163.331	7411.531	32781.84	
8	5623.234	22847.26	155277.5	
				Time(s)

# of Mod	First version	Second version	Third version
0	0.17	0.18	0.18
2	0.23	0.24	0.24
4	0.44	0.44	0.44
6	0.95	0.98	0.99
8	2.42	2.45	2.48
10	5.63	5.69	5.59
12	11.78	11.53	11.73
14	21.76	21.91	21.85
16	41.60	43.07	42.38

Time (min)

Parameters:

1000 precursors from *E. coli* total tRNA

CID product tolerance = 1

Total tolerance = 2.

Versions 0116, 0119 and 0129 – all builds appear stable

