

## August 10 2017 : Toehold LacZ vs LacZalpha test

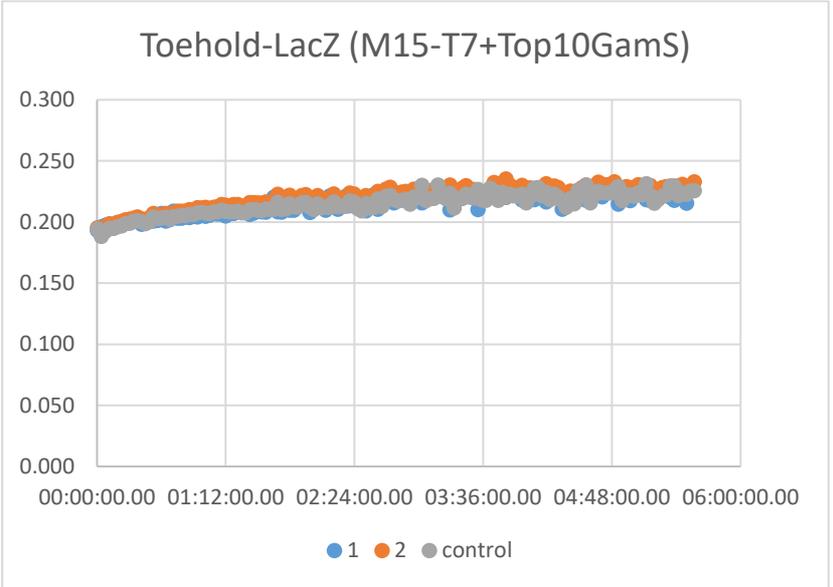
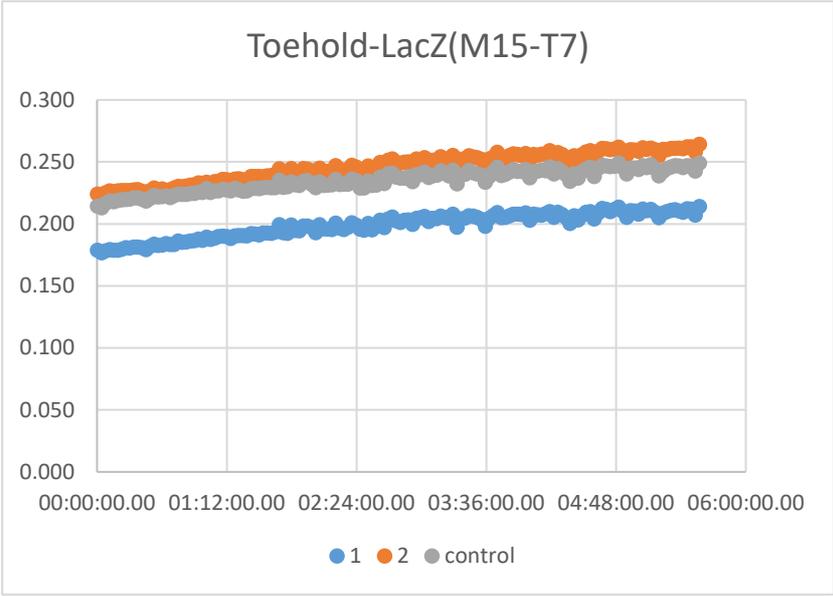
### 1. Aim:

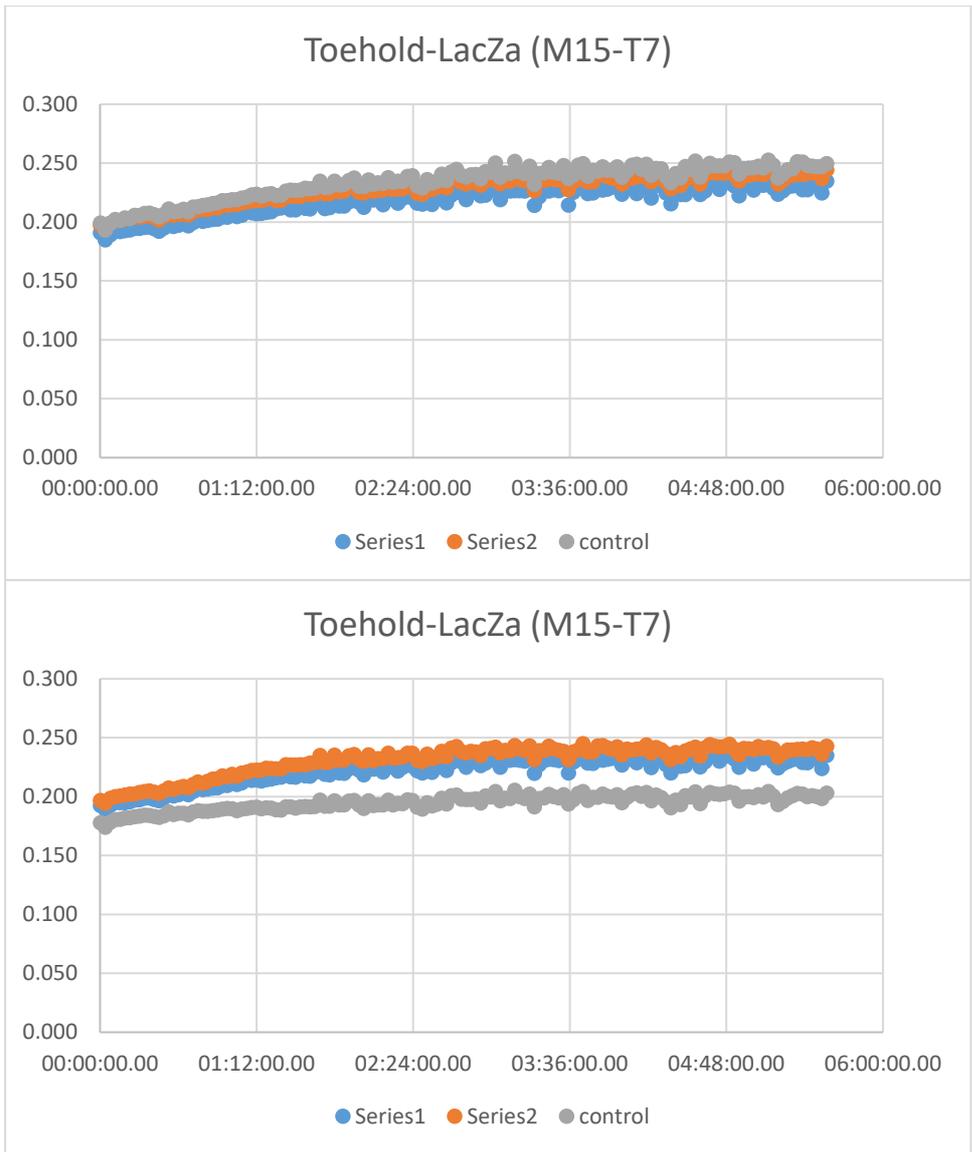
### 2. Materials:

### 3. Procedure:

We II	[DNA] initial	DNA quantity	Which lysate	Lysate quantity	Energy solution	Buffer A	gam S	H2 O
10 HI	Toehold- LacZ	0.021	M15-T7	2.5	2.5	2.5	0.3	2.1 79
11 HI	Toehold- LacZ	0.021	M15-T7+Top10- gamS	2.5	2.5	2.5	0	2.4 79
12 HI	Toehold- LacZ $\alpha$	0.021	M15-T7	2.5	2.5	2.5	0.3	2.1 79
13 HI	Toehold- LacZ $\alpha$	0.021	M15-T7+Top10- gamS	2.5	2.5	2.5	0	2.4 79
	negative control							
10 J	Toehold- LacZ	0	M15-T7	2.5	2.5	2.5	0.3	2.2
11J	Toehold- LacZ	0	M15-T7+Top10- gamS	2.5	2.5	2.5	0	2.5
12 J	Toehold- LacZ $\alpha$	0	M15-T7	2.5	2.5	2.5	0.3	2.2
13 J	Toehold- LacZ $\alpha$	0	M15-T7+Top10- gamS	2.5	2.5	2.5	0	2.5

4. Results:





## 5. Conclusion: