

Lab 28.07.18 Test T7-M15 lysate in PURE

1. Aim:

Test our toehold in PURE to see if the the B-gal is expressed

2. Materials:

PureExpress Kit
Toehold DNA plasmid
Trigger RNA
RNAse inhibitors
Substrate

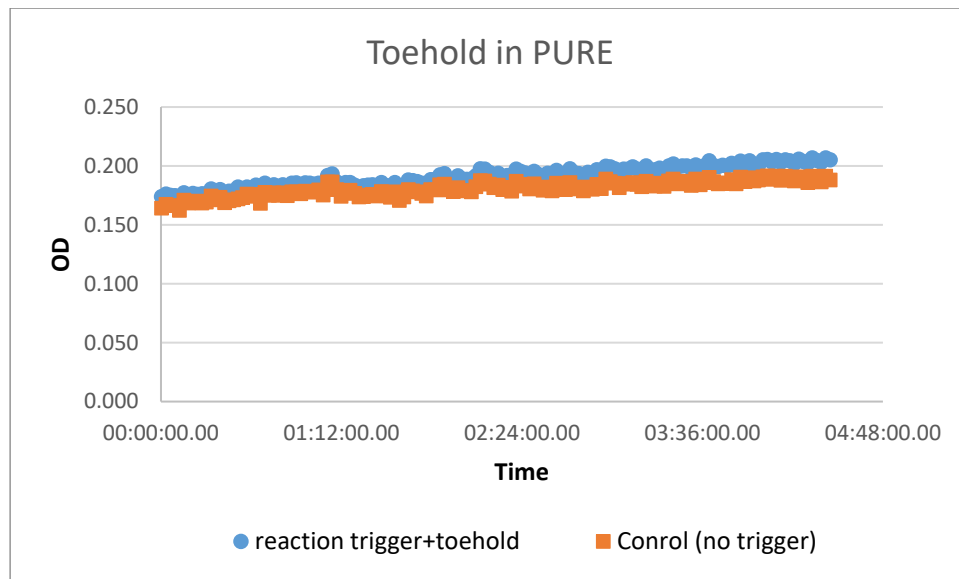
3. Procedure:

		Well P10	Well P11
	Solution A	2	2
	Solution B	1,5	1,5
	Rnase inhibitor	0,1	0
1	nuclease free water	0	1,162
2	DNA toehold	0,138	0,138
4	RNA trigger	1,062	0
3	substrate	0,2	0,2

Add the A and B solution last.

4. Labels:

5. Results:



No expression of Bgal...

6. Conclusion:

There is either a problem with RNA (sequence, concentration etc...) or the plasmid toehold!

7. Comments (problems, what could be better, ...):

8. Lab photos: