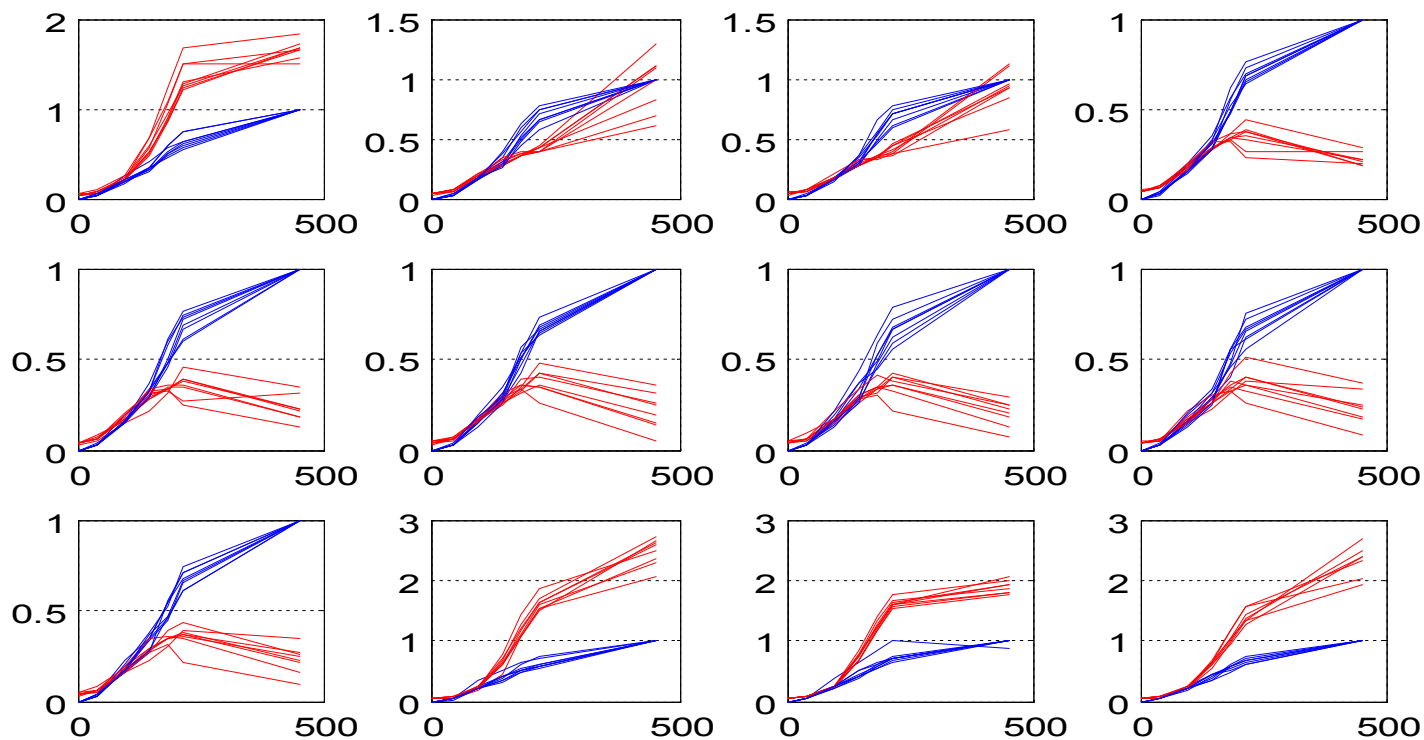


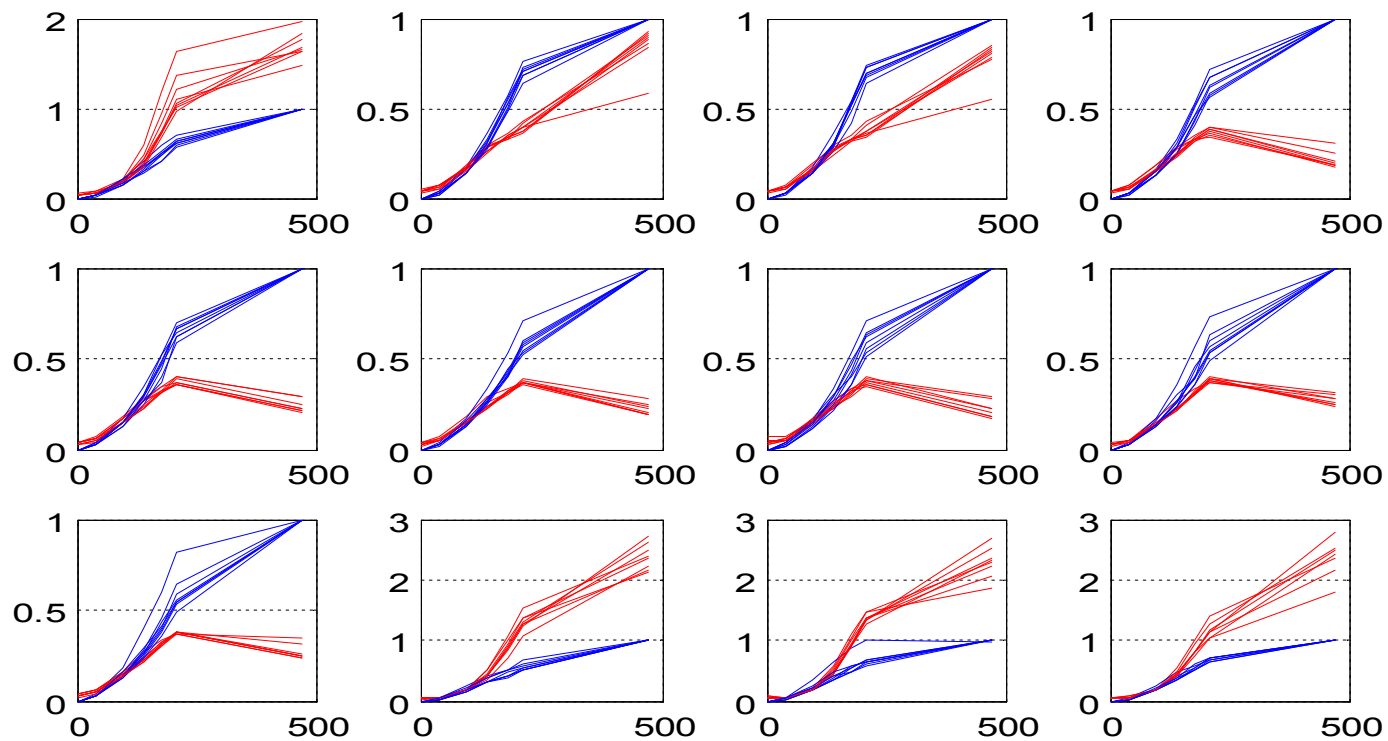
96-well parallel micro-fermentation assay

UST_Beijing
iGEM 2017

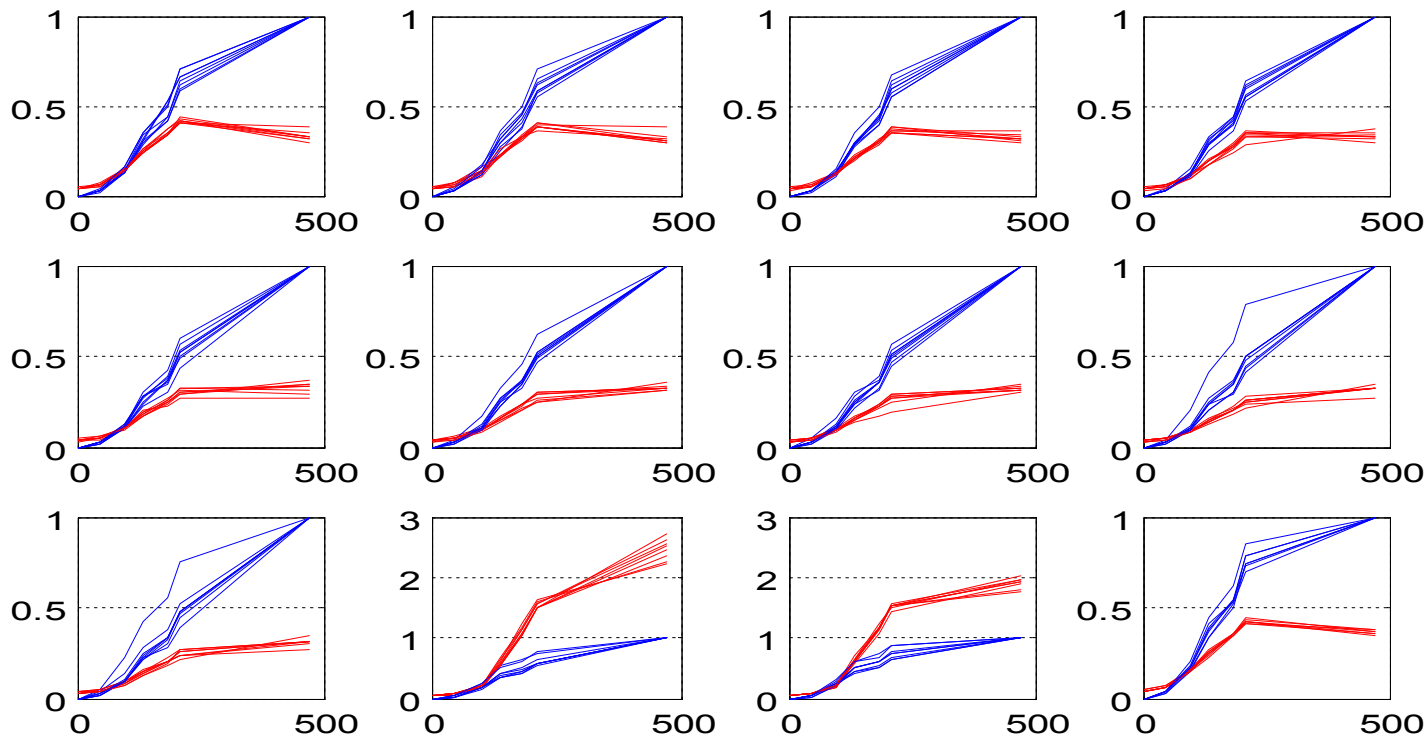
Legend Note: X-axis, time line in minutes; Y-axis, OD620nm for blue line, representing cell numbers; OD405nm(corrected) for red line, representing PNP concentration.



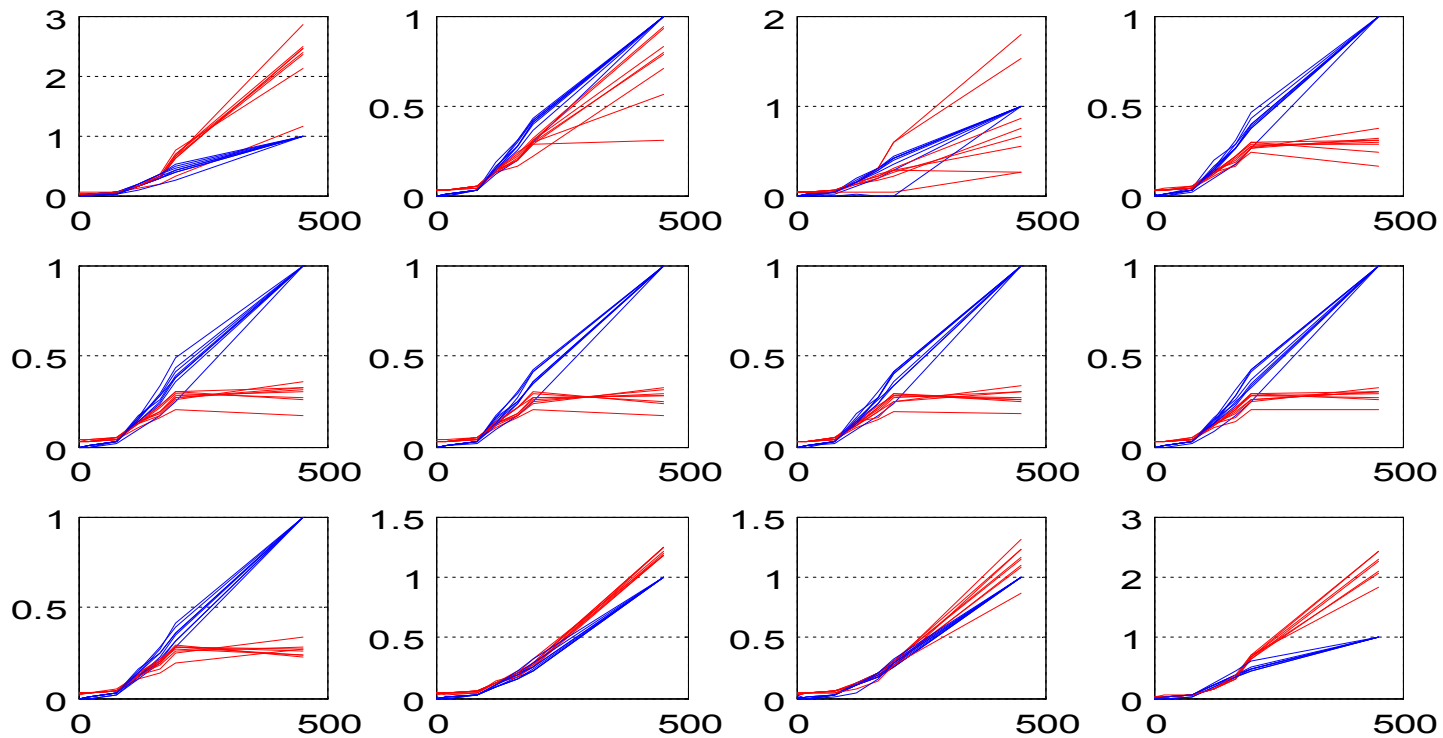
ARA	0.0%	0.0%	0.5%	0.5%	1.0%	1.0%	1.5%	1.5%	2.0%	2.0%	0.0%	0.0%	Glc
0	0	0	0	0	0	0	0	0	0	0	IPTG 0.2M	IPTG 0.2M	
2.5mM	10	10	10	10	10	10	10	10	10	10	IPTG 0.2M	IPTG 0.2M	
3.75mM	15	15	15	15	15	15	15	15	15	15	IPTG 0.2M	IPTG 0.2M	
5mM	20	20	20	20	20	20	20	20	20	20	IPTG 0.2M	IPTG 0.2M	
6.25mM	25	25	25	25	25	25	25	25	25	25	IPTG 0.2M	IPTG 0.2M	
7.5mM	30	30	30	30	30	30	30	30	30	30	IPTG 0.2M	IPTG 0.2M	
10mM	40	40	40	40	40	40	40	40	40	40	IPTG 0.2M	IPTG 0.2M	
12.5mM	50	50	50	50	50	50	50	50	50	50	IPTG 0.2M	IPTG 0.2M	



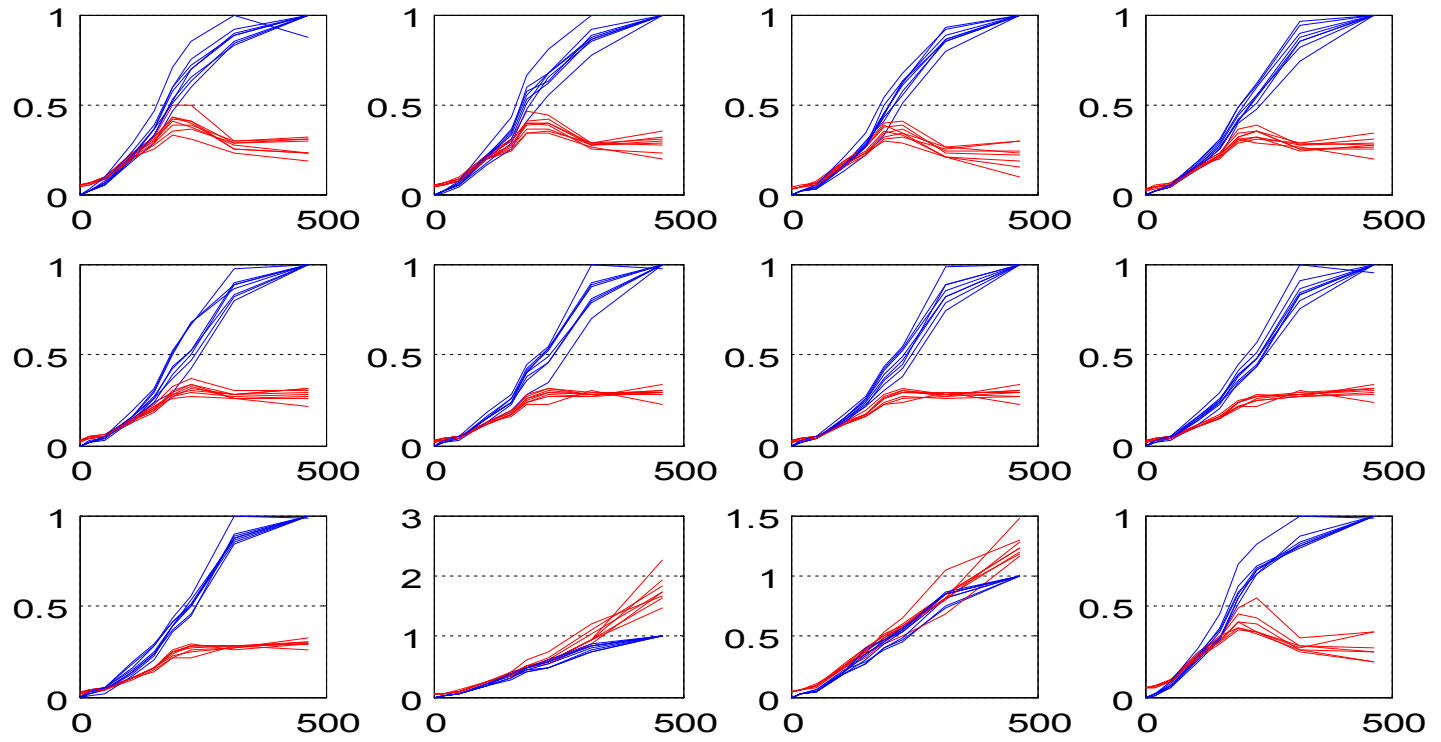
ARA	0.0%	0.0%	0.5%	0.5%	1.0%	1.0%	1.5%	1.5%	2.0%	2.0%	0.0%	0.0%	Glc
0	0	0	0	0	0	0	0	0	0	0	IPTG 0.2M	IPTG 0.2M	
2.5mM	10	10	10	10	10	10	10	10	10	10	IPTG 0.2M	IPTG 0.2M	
3.75mM	15	15	15	15	15	15	15	15	15	15	IPTG 0.2M	IPTG 0.2M	
5mM	20	20	20	20	20	20	20	20	20	20	IPTG 0.2M	IPTG 0.2M	
6.25mM	25	25	25	25	25	25	25	25	25	25	IPTG 0.2M	IPTG 0.2M	
7.5mM	30	30	30	30	30	30	30	30	30	30	IPTG 0.2M	IPTG 0.2M	
10mM	40	40	40	40	40	40	40	40	40	40	IPTG 0.2M	IPTG 0.2M	
12.5mM	50	50	50	50	50	50	50	50	50	50	IPTG 0.2M	IPTG 0.2M	



ARA	3.0%	4.0%	5.0%	6.0%	7.0%	8.0%	9.0%	9.0%	10.0%	10.0%	0.0%	0.0%	Glc
0	0	0	0	0	0	0	0	0	0	0	IPTG 0.2M	IPTG 0.2M	
2.5mM	10	10	10	10	10	10	10	10	10	10	IPTG 0.2M	IPTG 0.2M	
3.75mM	15	15	15	15	15	15	15	15	15	15	IPTG 0.2M	IPTG 0.2M	
5mM	20	20	20	20	20	20	20	20	20	20	IPTG 0.2M	IPTG 0.2M	
6.25mM	25	25	25	25	25	25	25	25	25	25	IPTG 0.2M	IPTG 0.2M	
7.5mM	30	30	30	30	30	30	30	30	30	30	IPTG 0.2M	IPTG 0.2M	
10mM	40	40	40	40	40	40	40	40	40	40	IPTG 0.2M	IPTG 0.2M	
12.5mM	50	50	50	50	50	50	50	50	50	50	IPTG 0.2M	IPTG 0.2M	



IPTG	0.0%	0.0%	0.5%	0.5%	1.0%	1.0%	1.5%	1.5%	2.0%	2.0%	0.0%	0.0%	Glc
0mM	0	0	0	0	0	0	0	0	0	0	ARA 5mM	ARA 5mM	
0.1mM	10	10	10	10	10	10	10	10	10	10	ARA 5mM	ARA 5mM	
0.15mM	15	15	15	15	15	15	15	15	15	15	ARA 5mM	ARA 5mM	
0.20mM	20	20	20	20	20	20	20	20	20	20	ARA 5mM	ARA 5mM	
0.25mM	25	25	25	25	25	25	25	25	25	25	ARA 5mM	ARA 5mM	
0.30mM	30	30	30	30	30	30	30	30	30	30	ARA 5mM	ARA 5mM	
0.40mM	40	40	40	40	40	40	40	40	40	40	ARA 5mM	ARA 5mM	
0.45mM	45	45	45	45	45	45	45	45	45	45	ARA 5mM	ARA 5mM	



IPTG	3.0%	4.0%	5.0%	6.0%	7.0%	8.0%	9.0%	9.0%	10.0%	10.0%	0.0%	0.0%	Glc
0mM	0	0	0	0	0	0	0	0	0	0	ARA 5mM	ARA 5mM	
0.1mM	10	10	10	10	10	10	10	10	10	10	ARA 5mM	ARA 5mM	
0.15mM	15	15	15	15	15	15	15	15	15	15	ARA 5mM	ARA 5mM	
0.20mM	20	20	20	20	20	20	20	20	20	20	ARA 5mM	ARA 5mM	
0.25mM	25	25	25	25	25	25	25	25	25	25	ARA 5mM	ARA 5mM	
0.30mM	30	30	30	30	30	30	30	30	30	30	ARA 5mM	ARA 5mM	
0.40mM	40	40	40	40	40	40	40	40	40	40	ARA 5mM	ARA 5mM	
0.45mM	45	45	45	45	45	45	45	45	45	45	ARA 5mM	ARA 5mM	

