Reagents	Supplier used	Suppliers	Price					
		Ebay		ODIN		Goldbio	Amazon	
Hand tools								
Cell spreader	Amazon						https://www.amaz	\$5.99
Inoculation loop	s Amazon						https://www.amaz	\$7.99
Micro Pipettes	The ODIN			https://www.the-c	\$40.00			
Thermometer	Gifted							
Graduated cylin	d Gifted							
Equipment								
Digital scale								
Heat block	Gifted							
Glassware								
Stir plate – stir b	oars							
Pressure cooke	r							
Incubator								
Incubator with o	rbital shaker							
Bunsen burner							https://www.amaz	\$9.99
Centrifuge								

Supplier used	Suppliers Ebay https://www.ebay	\$9.54 per 100g	ODIN https://www.the-co	\$16 for 100g	Goldbio		Amazon	
Ebay and ODIN		\$9.54 per 100g	https://www.the-c	\$16 for 100g				
Ebay and ODIN	https://www.ebay	\$9.54 per 100g	https://www.the-c	\$16 for 100g				
Ebay and ODIN	https://www.ebay	\$9.54 per 100g	https://www.the-c	\$16 for 100a				
				\$10 101 100g				
							https://www.amaz	\$15 for 250g
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x								
he ODIN			https://www.the-c		https://www.goldt	\$24 for 1 g		
he ODIN			https://www.the-c	\$5 for 5 g				
					https://www.goldt	\$24 for 1g		
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	Purchase total			Revenue total		
	T dronase total		-\$259.05	revenue total		\$192.25
Current net			-\$66.80			
November						
	Purchases	Description		Revenue	Description	
1	LB agar		-\$9.54	Udemy	September Ucan	\$12.50
2	Inoculation loops	https://www.amaz	-\$7.99			
	Bunsen burner	https://www.amaz	-\$9.99			
4	Cell spreader	https://www.amaz	-\$5.99			
5						
	Total expenses		-\$33.51	Total revenue		\$12.50
Total			-\$21.01			
D I	Dark			D		
December	Purchases			Revenue		
	Digital scale	ODIN	-\$12.00	Udemy	October UcanCR	\$34.75
	Pipettes	ODIN	-\$120.00			
	Kanamycin	ODIN	-\$5.00			
	Ampicillin	ODIN	-\$5.00			
5	LB agar powder	ODIN	-\$16.00			
	Shipping	ODIN	-\$20.00			
	Petri dishes	Amazon				
	Petri Dishes	Amazon				
8			0.470.00	T. (.)		004.75
	Total expenses		-\$178.00	Total revenue		\$34.75
Total			-\$143.25			\$192.25
January 2020	Purchases			Revenue		
	Webcam		-\$47.54	Udemy	November Ucan(\$92.92
2			¥ 1110			**
3						
4						
5						
6						
7						
8						
	Total expenses		-\$47.54	Total revenue		\$92.92
Total	Total expenses		\$45.38	Total Tevenue		\$192.25
Total			φ45.56			φ192.23
February 2020	Purchases			Revenue		
1				Udemy	December Ucan(\$52.08
2				Ouching	Describer Start	ψυ2.00
3						
4						
5						
6						
7						
			\$0.00	Total revenue		\$52.08

Protocols:	Basic equipment	Specific equipment	Professional equ	inmont.																	
I IOSCORA	Pipettes, graduated cylinde		1 Toreasons equ	princin.																	
	Pipenes, graduated cynnol	is, gassware																			
Making LB agar plates																					
Equipment Procedure		er, micri Precision scale, pressu																			
Procedure	Boil water in a tea kettle	Let cox 1. Measure LB powder	and water into a steam comp	atible glass conta	iner. Put foil under the	ad to keep boil over down	Make sure lid is no	sealed. 2. Add an	inch of water to b	ottom of pressure	cooker, use norde	er to keep contains	ir off of bottom. 3	Start pressure co	oxer and maintai	n pressure for 30	min. 4. Ium off h	at source and let pres	ssure release natu	rally for 30 min	Slowly unse
Making F/2 media																					
Equipment																					
Procedure																					
Transformation of E. coli																					
Equipment	Thermometer, PEG/CaCl2	transfor Heat block	Incubated shake	, centrifuge, spec	trophotometer																
Procedure																					
E coli miniprep																					
Equipment																					
Procedure																					
Restriction digest																					
Equipment																					
Procedure																					
DNA gel																					
Equipment																					
Procedure																					
Creation of a part																					
Equipment																					
Procedure																					
Assembly of expression ve	ester																				
Equipment	acios																				
Procedure																					
1 TOLENANE																					
Assembly of CRISPR vector																					
Equipment	Ut																				
Procedure																					
rioceoure																					
E coli to Nanno conjugation																					
E cui to Nanno conjugation																					
Nanno screening																					
Selection																					
Reporter																					
PCR																					
Nanno bioproduction																					