Reference genes and normalisation

1. Did ye	ou lea	Learn anything new?				
		no	yes	a lo		
Lecture	6		100%			
Seminar	2	8%	84%	×	5%	

2. Will you remember it tomorrow?

		no	maybe	yes
Lecture	6		60%	40%
Seminar	2	8%	53%	38%

3. was t	the am	ount	of infor	mation ok	?	
		too	much	ok	not	enough
Lecture	6			90%		
Seminar	2	8%		92%		

4. Were	the	tasks/examples ok?			
		too easy	ok	too hard	
Lecture	6	10%	70%	20%	
Seminar	2	8%	69%	23%	

6. was	the	homework	useful?	
		yes	NO	you are busy enough, I don't want to waste your time
Semin	lar	2 77%		

7. Would you like to be your own student today? yes not yet no Seminar 2 38% 23% 16%

this is my attempt to make you look at yourself from a teachers perspective

7. suggestions how to improve the seminar

reduce time devoted to calculation

tech practical part ahead of theoretical



too much english

more time to think



increase time devoted to calculation

I'd like to have more details on this one

if you don't want to reduce amount of information, would you like to prolong the course?

8. questions for today

Practical

Calculations for normalisation

usage of softwares

M value

Group work

Group 1: Konstantia

Group 2: Jun Zaenab Jule Kiran

Group 3: Anna Maile Enrique Poorva

Poorva's Mac

Group 4: Anders Mohammed Shirin Estelle?

Shirin's Mac

S. Lycopersicum



NB!! None of the following experiments are recommended for scientific or any other purposes!

Reza Enid Martin

Enid's PC

Alyona's Mac

D. melanogaster



You work with Drosophila melanogaster

You want to know if aggressive flies produce more saliva than non aggressive flies



You are going to detect it by measuring expression levels of Lysozyme X gene

Group 2

You work with Drosophila melanogaster

You want to know if gamma-irradiated flies develop strong biceps



You are going to detect it by measuring expression levels of tropomyosin gene

Group 3

You are running an underground tomato fight club in Vietnam

You are interested in tomatoes which get sweeter after fight



You are going to compare different cultivars measuring expression levels of aldolase B gene upon wounding a ripe tomato fruit in high humidity climate



On half of your plantation your MoneyMaker tomatoes look like this:



This is viroid PTSVd infection, difficult to get rid of. You know that infection induces flavonoid production and have a brilliant marketing idea to rebrand the sad tomatoes as antioxidant enriched veggies

You want to find out whether Rutger cultivar has higher than MoneyMaker expression of a flavonoid 3 0-glucosyltransferase gene during PTSVd infection.

You have 20 minutes

Do you need more lime?

Please present your results and explain your choice

Questions from your homework

Next homework will be statistical analysis

Next-next homework will be a written report

do you think it is too much?