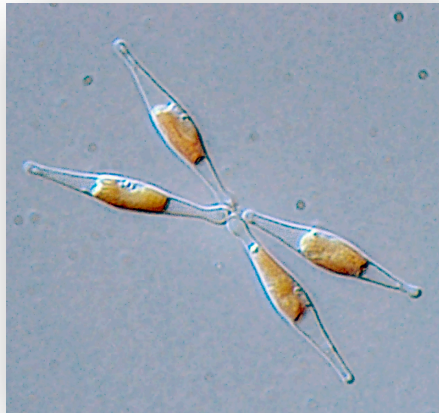


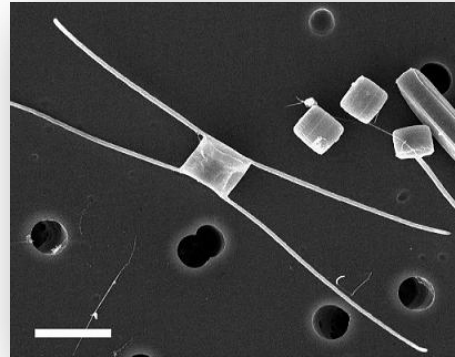
# Day 1 – Sample comparison

# DNA Samples

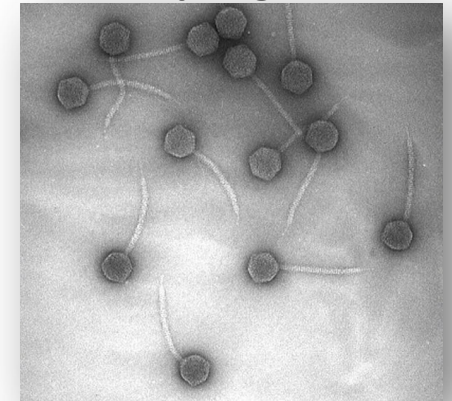
**Groups 2 & 3:**  
*Phaedactylum tricornutum*



**Groups 6 & 9:**  
*Chaetoceros muelleri*

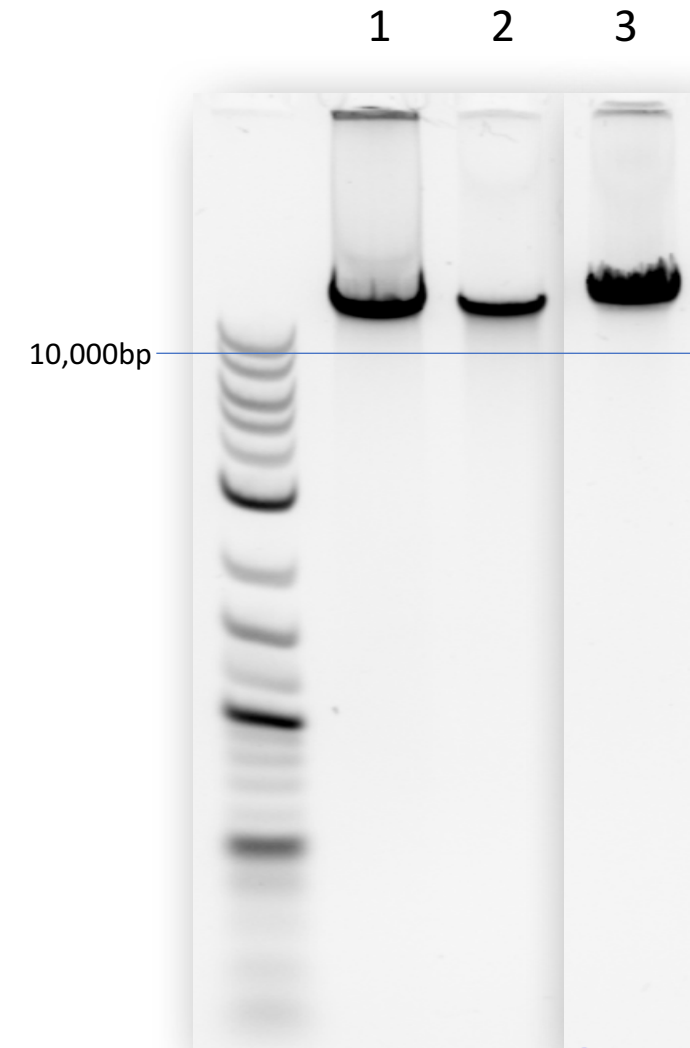


**Goups 12 & 13:**  
Lambda phage



# Agarose gels

	Conc. ng/ul	o.D. 260/280	o.d. 260/230
1. <i>P. tricornutum</i>	56	1.8	2.3
2. <i>C. muelleri</i>	90	1.85	1.7
3. $\lambda$ - phage	59.2	1.85	2.2

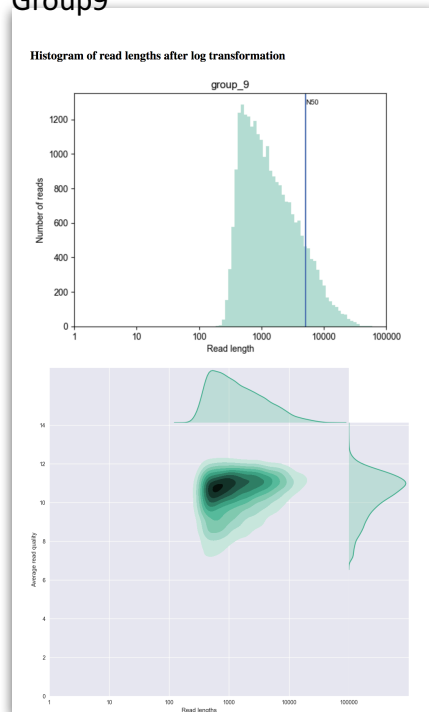


# Nanoplot

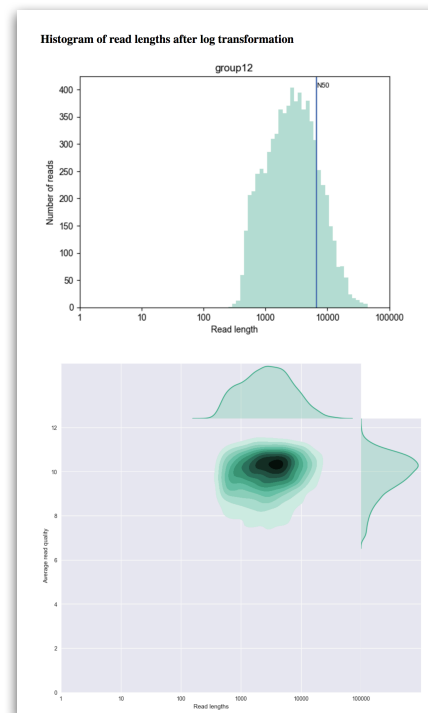
	Group12	Group 13	Group9
<b>General summary:</b>			
Number of reads:	7188	4353	25013
Total bases:	29982337	32346253	62661661
Median read length:	2700.5	2935.0	1169.0
Mean read length:	4171.2	7430.8	2505.2
Read length N50:	6666	19578	5143
Mean read quality:	9.8	10.4	10.4
Median read quality:	10.0	10.7	10.6
Longest reads	44352 (8. 8)	95649 (11.3)	60239 (11.4)

# Nanoplot

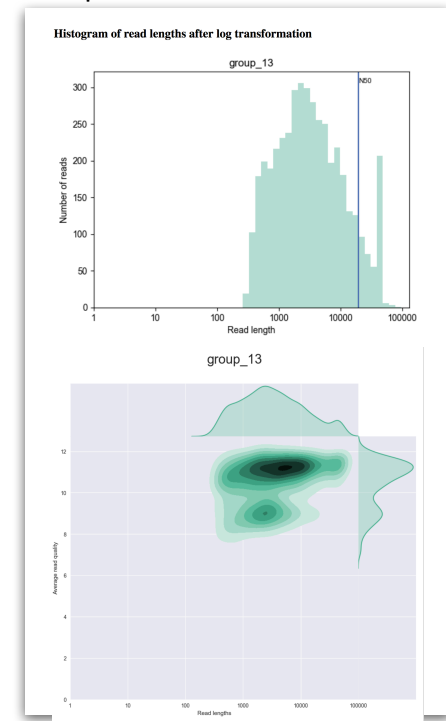
Group9



Group12



Group13



# Questions?