

20/09/13

Submission notes

After diagnostic gel to check that previous ligations had worked.  
Three colonies were grown up overnight in TAE buffer in Falcon tubes at a constant temperature of 37C

Colony number	Plasmid contents
15	nrfA
23	NorV
26	NorV

To remove plasmid, they were mini-prepped using the method and chemicals from the genejet miniprep kit, a high concentration was achieved by using several tubes in one miniprep.

We then measured the concentration of DNA in our eluted plasmid.

Colony number	Concentration (ng/ $\mu$ l)
15	176
23	238
26	174

As we could only submit one of the plasmids containing NorV, we decided submit colony 26.

This was then diluted to achieve the required concentration of 25 ng/ $\mu$ l **for submission.**

Colony number	Original concentration (ng/ $\mu$ l)	Initial volume ( $\mu$ l)	Volume added ( $\mu$ l)	Final concentration (ng/ $\mu$ l)
15	176	1.420	8.58	25
26	174	1.436	8.56	25

Colony 15, of which contained nrfA was submitted as BBA\_K1153001  
Colony 26, of which contained norV was submitted as BBA\_K1153000