

Clustering Sheet for Flowcell

000000000-GLJ5K

Name Bartlomiej Gebarski	Sequencer MiSeq1	Run Type MiSeq PE150 Micro (r1: 75, r2: 0)
Clustering Date 2024-05-22	Sequencing Date 2024-05-22	Status Sequenced
1st Index Length 15	2nd Index Length 15	
Comments no comment	Reagents Checked Out <input type="checkbox"/>	

- Miseq reagent v2 micro (300cycl): 1

num	Id	Scientist	Custom	PR	Comments
1	294289_R17208_1		<input type="checkbox"/>	Standard	BD Rhapsody WTA

Instructions

1. Check, if instrument is idle. If run just finished - remove used cartridge and start washing.
2. After washing power-cycle the instrument (washing takes around 20min).
3. Prepare Cluster Sheet, Sample Sheet (on instrument), Sample and all reagents.
4. Denature the sample:
 - Transfer **19µl** of the **2,5nM** library into PCR tube;
 - Add **1µl** of **2N** NaOH;
 - Incubate for 5 minutes;
 - Transfer denatured sample into Eppendorf tube containing **980µl** of Hyb Buffer;
 - Denatured sample can be stored in -20C for 4-6 weeks;
5. Prepare final dilution:
 - Transfer **496.05µl** of Hyb buffer to the Eppendorf tube;
 - Add **102.6µl** of denatured sample;
 - Add **1.35µl** of **200pM** PhiX;
6. Load the final mix in well labeled sample.
7. Follow the screen instructions and load all consumables in instrument.
8. After finished run wash and powercycle the instrument.