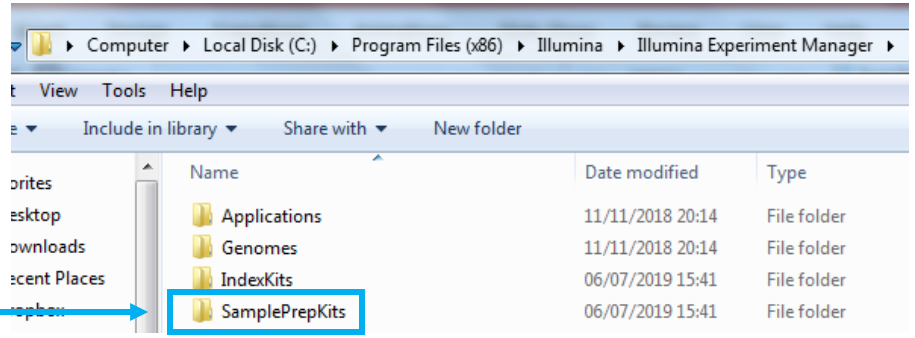
SampleSheet Generation for PG-Seq™ Rapid v2 kit

Revvity does not endorse or make recommendations with respect to research, medication, or treatments. All information presented is for informational purposes only and is not intended as medical advice. For country specific recommendations, please consult your local health care professionals.

Loading PG-Seq™ Barcodes in Illumina® Experiment Manager*

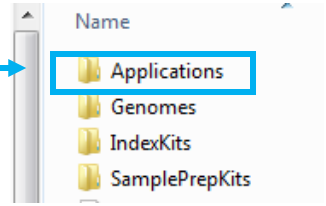
*This has to be done only when using PG-seq for the first time

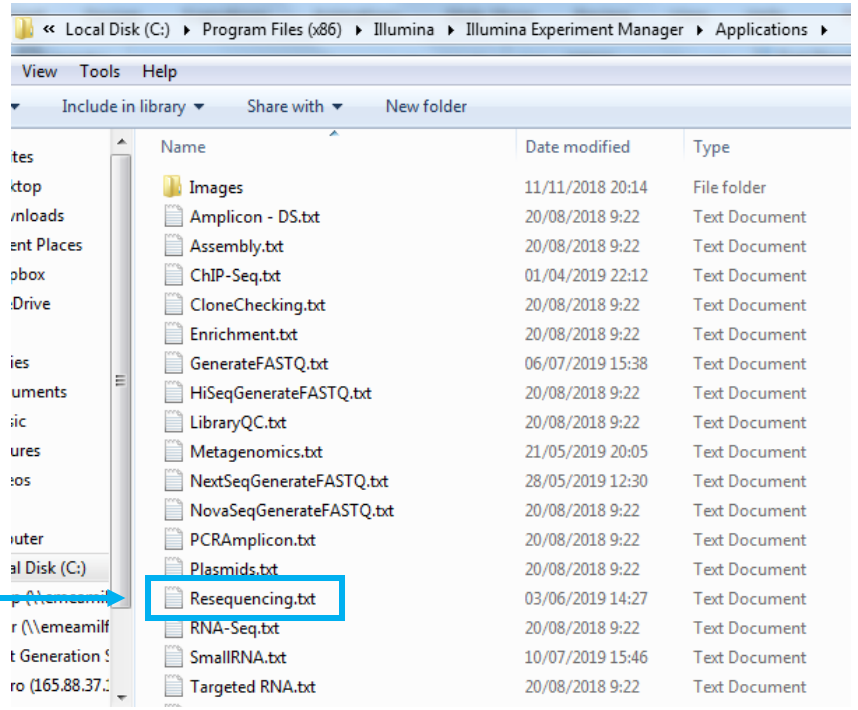
1. Go to C:\Program Files (x86)\Illumina\Illumina Experiment Manager



2. In the "SamplePrepKits" folder paste the PGSeq Adapters 12 nt SetA.txt and PGSeq Adapters 12 nt SetB.txt files

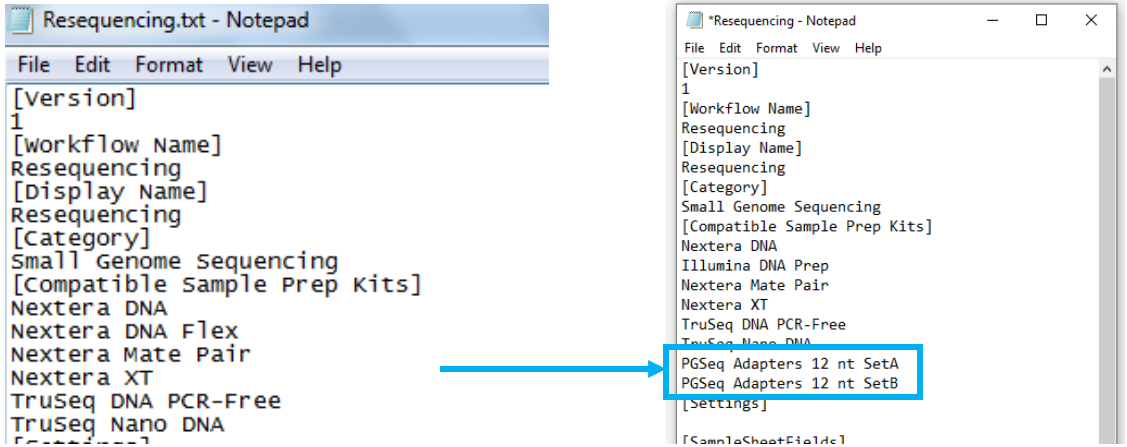
3. Go to "Applications" folder



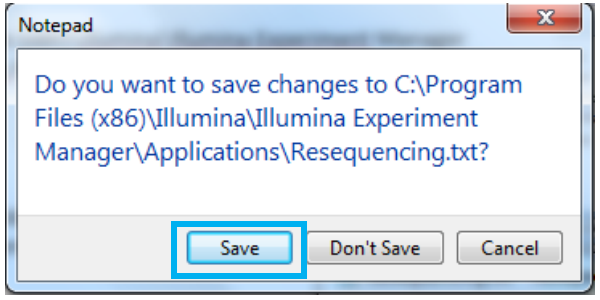


4. Within this folder open the Resequencing.txt file

5. In the list of kits that appears add the txt files relevant to you



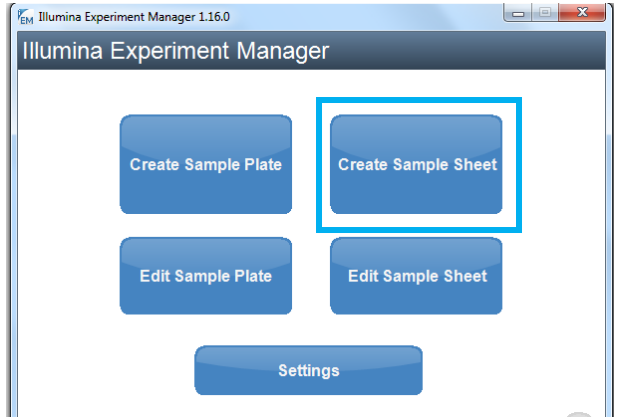
6. Save changes



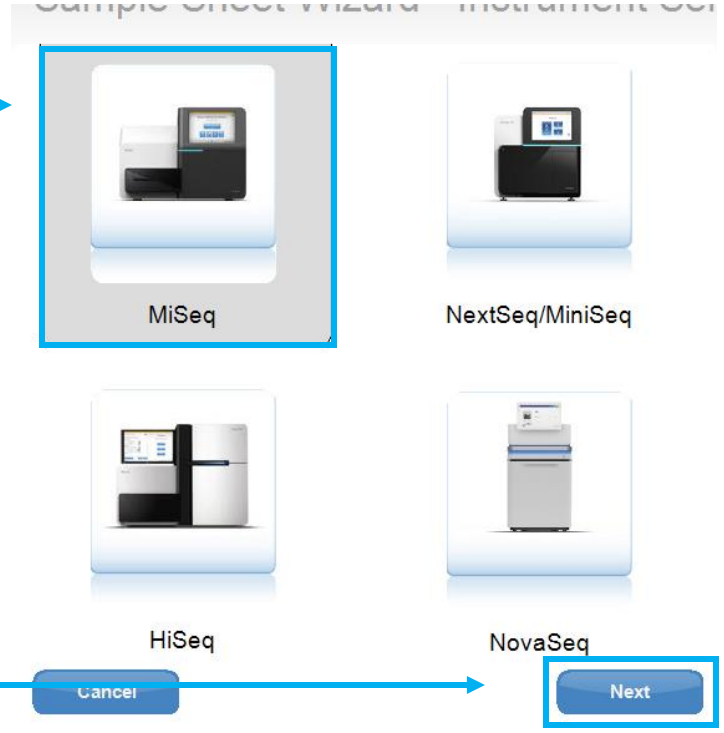
Creating a SampleSheet for PG-Seq™ Barcodes

1. Open Illumina® Experiment Manager Software

2. Select *Create Sample Sheet*



3. In the new screen that appears, select *MiSeq*



4. Press *Next*

5. Select “Small Genome Sequencing”

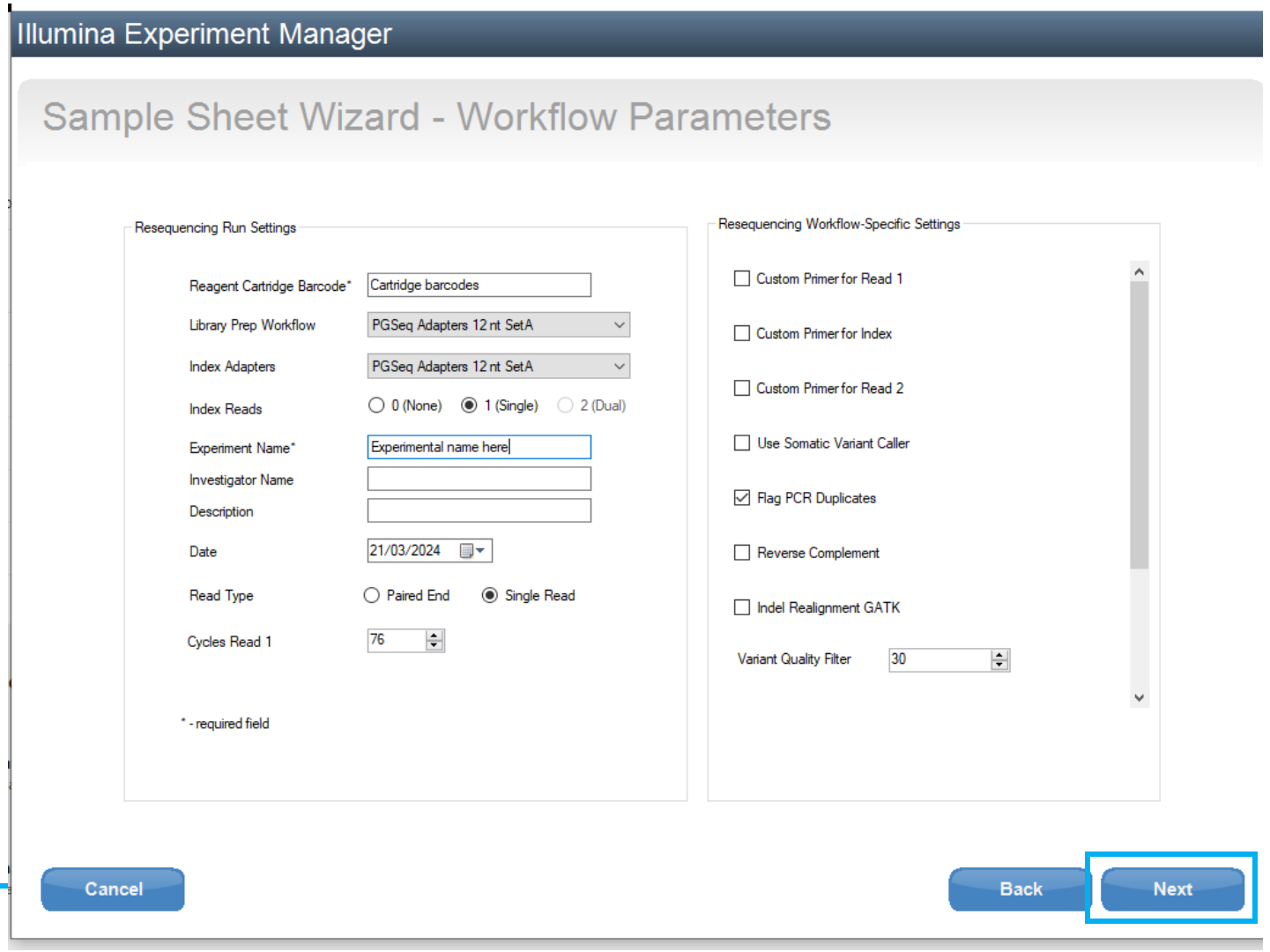
6. Select “Resequencing”

7. Select “Next”

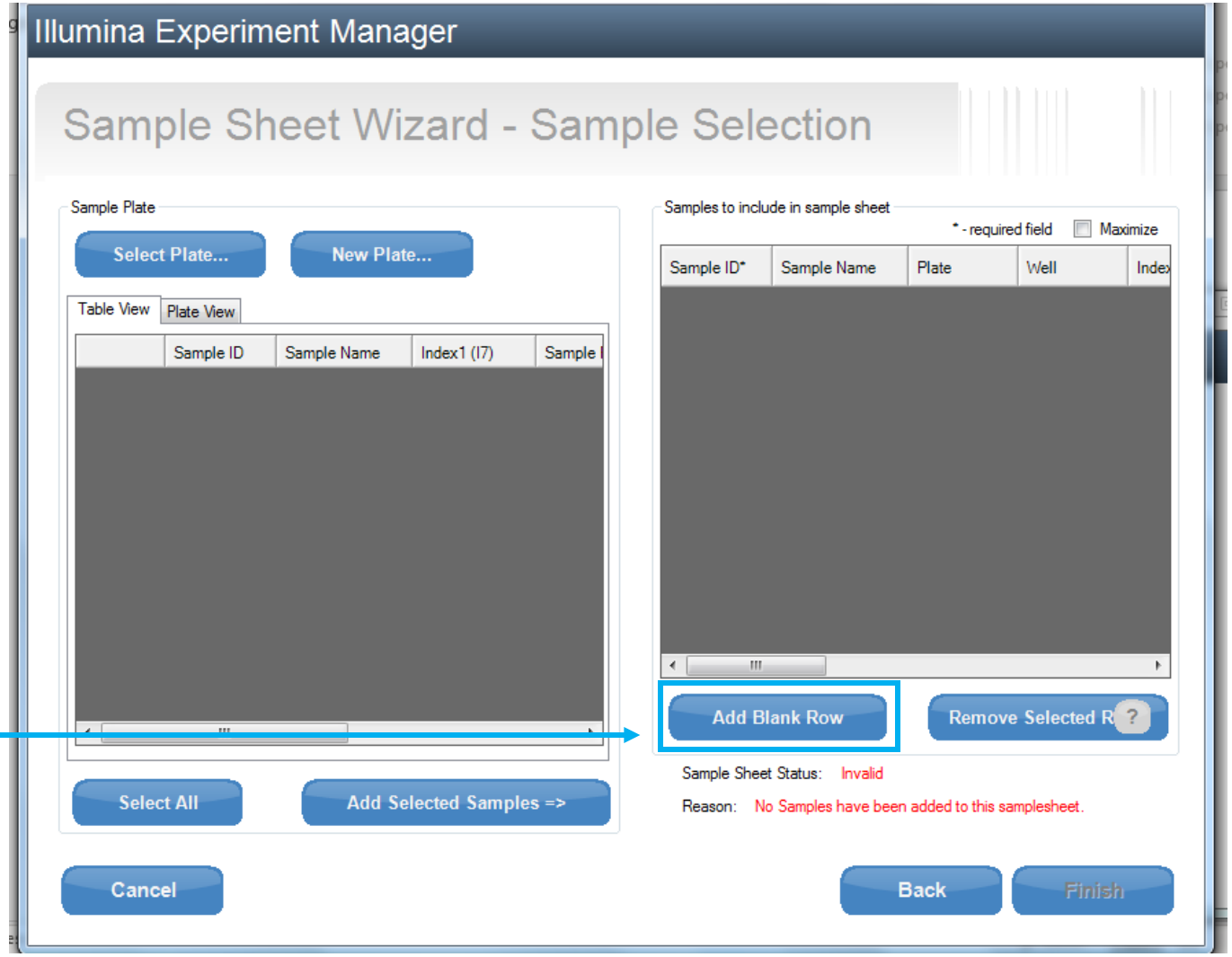
8. Make sure screen looks EXACTLY like this (putting corresponding Reagent cartridge barcode and experiment name). Select the right Set according to the barcodes used

Set A→ Barcodes 1-96
Set B→ Barcodes 97-192

9. Press *Next*

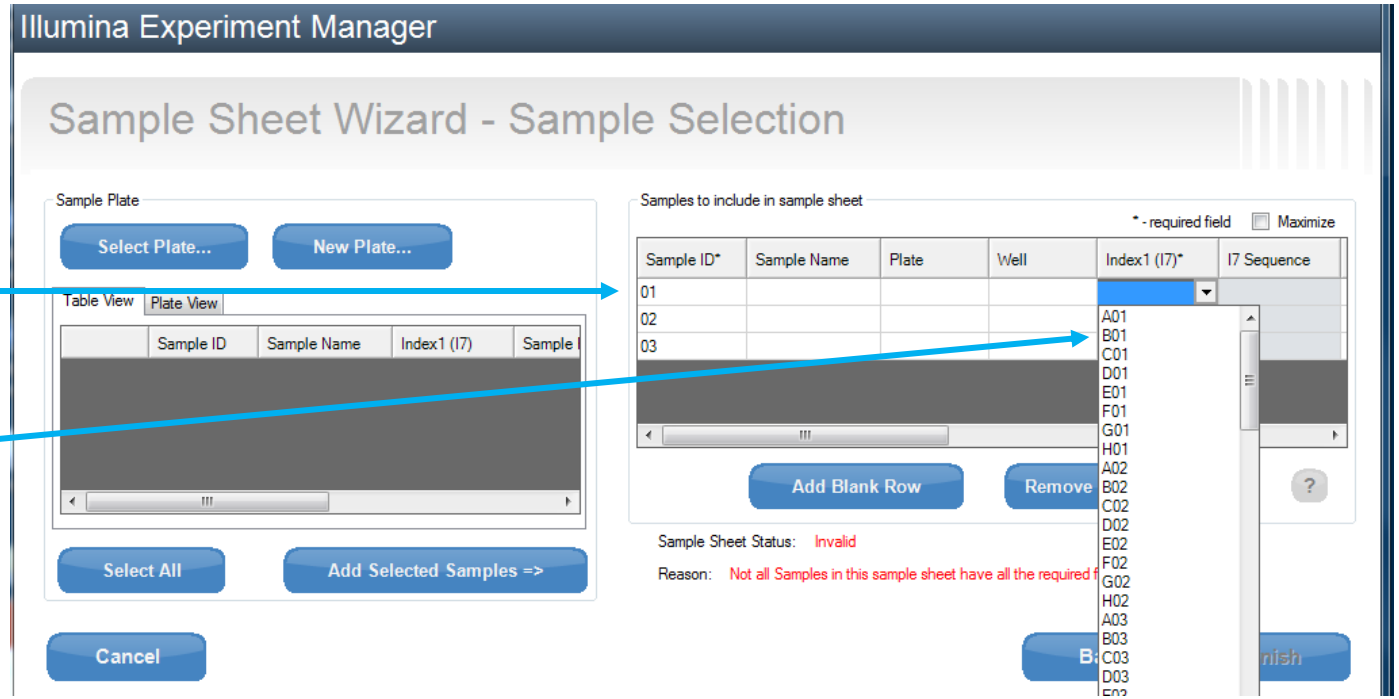


10. In the screen that appears, add one row per sample you want to analyze, using the button “Add Blank Row”

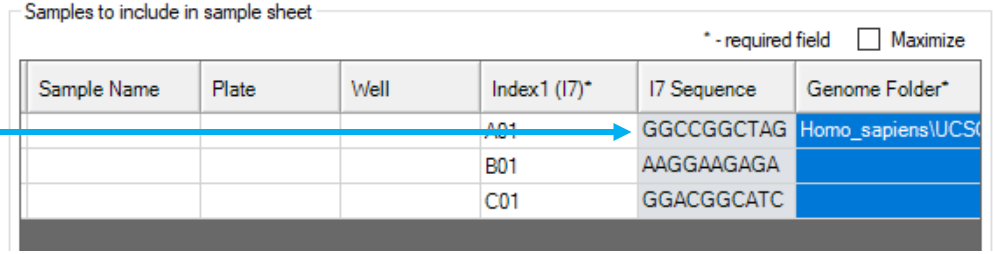


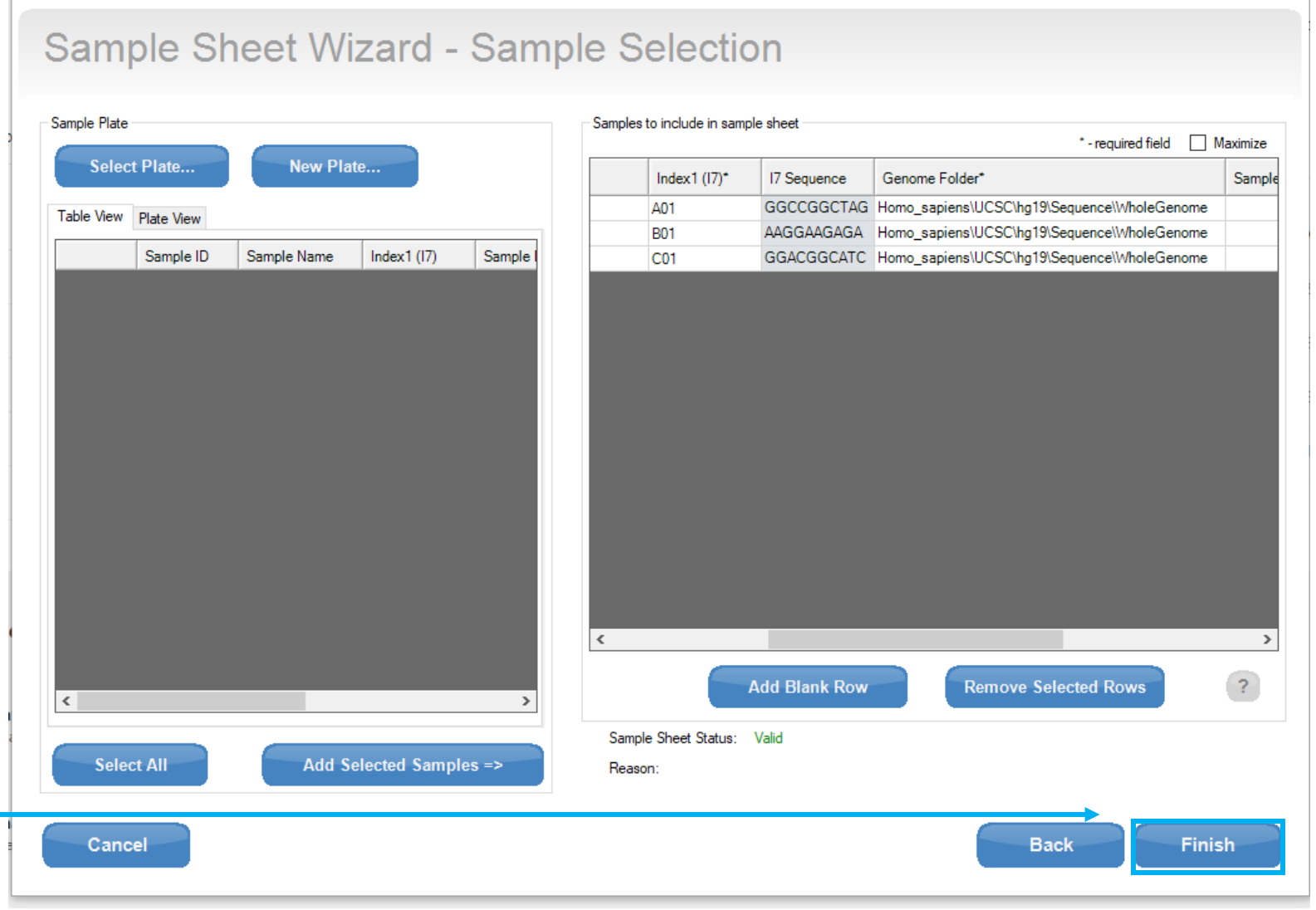
11. Write Sample Name

12. Select the index used for each sample from the list



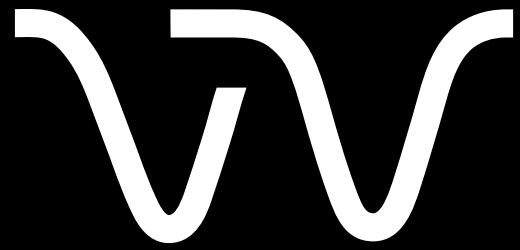
13. In the Genome Folder field, select *Homo_sapiens* genome for all samples





14. Press “Finish”

15. Save the sample sheet



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