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MiSeq® Sample Sheet Guide

How to create a sample sheet for use with the MammaPrint® BluePrint® Breast Cancer Recurrence and Molecular Subtyping Kit.

It is recommended that a sample sheet is created before preparing sample libraries when using the Illumina MiSeq machine. This sample sheet stores information required to set up, perform, and analyze a sequencing run.

When creating a sample sheet for use with the MammaPrint BluePrint Breast Cancer Recurrence and Molecular Subtyping Kit, the following example includes recommendations on how to set up the sample sheet specific to this kit.

Example Sample Sheet Setup

[Header]						
Investigator Name	LM					
Project Name	P1234					
Experiment Name	Test_Run_13112017					
Date	13-Nov-17					
Workflow	GenerateFASTQ					
Assay	SureSelect					
Chemistry	Default					
[Reads]	150					
[Settings]						
OnlyGenerateFASTQ	1					
FilterPCRDuplicates	0					
[Data]						
Sample_ID	Sample_Name	Sample_Plate	Sample_Well	Sample_Project	Index	I7_Index_ID
NGS17-1234	Breast_1	Test_Run	A01	NGS_Agendia	ATGCCTAA	SureSelect_A01
NGS17-1235	Breast_2	Test_Run	B01	NGS_Agendia	GAATCTGA	SureSelect_B01
NGS17-1236	Breast_3	Test_Run	C01	NGS_Agendia	AACGTGAT	SureSelect_C01
NGS17-1237	Breast_4	Test_Run	D01	NGS_Agendia	CACCTCGA	SureSelect_D01
NGS17-1238	Breast_5	Test_Run	E01	NGS_Agendia	GCCAAGAC	SureSelect_E01
NGS17-1239	Breast_6	Test_Run	F01	NGS_Agendia	GACTAGTA	SureSelect_F01
NGS17-1240	Breast_7	Test_Run	G01	NGS_Agendia	ATTGGCTC	SureSelect_G01
NGS17-1241	Breast_8	Test_Run	H01	NGS_Agendia	GATGAATC	SureSelect_H01
NGS17-1242	Breast_9	Test_Run	A02	NGS_Agendia	AGCAGGAA	SureSelect_A02
NGS17-1243	Breast_10	Test_Run	B02	NGS_Agendia	GAGCTGAA	SureSelect_B02
NGS17-1244	Breast_11	Test_Run	C02	NGS_Agendia	AAACATCG	SureSelect_C02
NGS17-1245	Breast_12	Test_Run	D02	NGS_Agendia	GAGTTAGC	SureSelect_D02
NGS17-1246	Breast_13	Test_Run	E02	NGS_Agendia	CGAACTTA	SureSelect_E02
NGS17-1247	Breast_14	Test_Run	F02	NGS_Agendia	GATAGACA	SureSelect_F02
NGS17-1248	Breast_15	Test_Run	G02	NGS_Agendia	AAGGACAC	SureSelect_G02
NGS17-1249	Breast_16	Test_Run	H02	NGS_Agendia	GACAGTGC	SureSelect_H02

Number of cycles in read

Sample Plate, Sample Well, Sample Project (optional)
Can be left blank

Sample identifier (required)
Supplied by user

Sample name (optional)
Included in FASTQ filename

Index name (required)

Index identifier (optional)

For more information on the MiSeq Sample Sheet, you can access Illumina's MiSeq Sample Sheet Quick Reference Guide directly from their website: https://support.illumina.com/content/dam/illumina-support/documents/documentation/system_documentation/miseq/miseq-sample-sheet-quick-ref-guide-15028392-j.pdf