OSUCCC Genomics Shared Resource: Next Generation Sequencing Report

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The mRNA libraries were generated using the flowing reagents from Qiagen:

- QIAseq Stranded mRNA Enrichment Kit Mat No. 1105689
- QIAseq Low Input RNA Library Kit (96) -cat. no. 334205 Using both primers N6-T RT and ODT-RT.
- QIA UX96 Index kit UDI-A (96) 331825
- Library input amount: 200ng total RNA (quantified using Qubit Fluorometer).
- Fragmentation: 3 minutes
- PCR: 18x
- Libraries were sequenced with Novaseq X Plus 10B.
- If this study results in a publication, please acknowledge the GSR and its partially supporting grant P30-CA016058 from National Cancer Institute. Please do not hesitate to contact us for more details you may need in the future.

SampleID	SampleName	LibQubit	Size	lib number	index	next-seq-Name	PF Clusters
1-DMSO_1	H9c2 Cells_DMSO_48 Hrs	3.3	419	12656	iMUDI023	X12656_SmithS_H9c2 Cells_DMSO_48 Hrs_V1Q_1	24,514,884
2-DMSO_2	H9c2 Cells_DMSO_48 Hrs	5.5	372	12657	iMUDI025	X12657_SmithS_H9c2 Cells_DMSO_48 Hrs_V1Q_1	25,793,858
3-DMSO_3	H9c2 Cells_DMSO_48 Hrs	4.0	362	12658	iMUDI026	X12658_SmithS_H9c2 Cells_DMSO_48 Hrs_V1Q_1	27,181,167
4-DMSO_4	H9c2 Cells_DMSO_48 Hrs	5.0	381	12659	iMUDI027	X12659_SmithS_H9c2 Cells_DMSO_48 Hrs_V1Q_1	23,906,760
5-DMSO_5	H9c2 Cells_DMSO_48 Hrs	6.2	401	12660	iMUDI028	X12660_SmithS_H9c2 Cells_DMSO_48 Hrs_V1Q_1	21,625,003
6-DMSO_6	H9c2 Cells_DMSO_48 Hrs	5.7	400	12661	iMUDI029	X12661_SmithS_H9c2 Cells_DMSO_48 Hrs_V1Q_1	25,410,704
7-CAB_1	H9c2 Cells_CAB 4 nM_48 Hrs	7.6	375	12662	iMUDI030	X12662_SmithS_H9c2 Cells_CAB 4 nM_48 Hrs_V1Q_1	26,333,222
8-CAB_2	H9c2 Cells_CAB 4 nM_48 Hrs	3.7	374	12663	iMUDI031	X12663_SmithS_H9c2 Cells_CAB 4 nM_48 Hrs_V1Q_1	21,531,831
9-CAB_3	H9c2 Cells_CAB 4 nM_48 Hrs	7.9	370	12664	iMUDI032	X12664_SmithS_H9c2 Cells_CAB 4 nM_48 Hrs_V1Q_1	26,203,615
10-CAB_4	H9c2 Cells_CAB 4 nM_48 Hrs	7.0	388	12665	iMUDI033	X12665_SmithS_H9c2 Cells_CAB 4 nM_48 Hrs_V1Q_1	24,654,499
11-CAB_5	H9c2 Cells_CAB 4 nM_48 Hrs	7.5	392	12666	iMUDI034	X12666_SmithS_H9c2 Cells_CAB 4 nM_48 Hrs_V1Q_1	23,749,890
12-CAB_6	H9c2 Cells_CAB 4 nM_48 Hrs	9.4	382	12667	iMUDI035	X12667_SmithS_H9c2 Cells_CAB 4 nM_48 Hrs_V1Q_1	21,328,202
13-LEN_1	H9c2 Cells_LEN_25 nM_48 Hrs	6.3	414	12668	iMUDI036	X12668_SmithS_H9c2 Cells_LEN_25 nM_48 Hrs_V1Q_1	23,644,025
14-LEN_2	H9c2 Cells_LEN_25 nM_48 Hrs	7.4	410	12669	iMUDI037	X12669_SmithS_H9c2 Cells_LEN_25 nM_48 Hrs_V1Q_1	21,413,233
15-LEN_3	H9c2 Cells_LEN_25 nM_48 Hrs	6.4	395	12670	iMUDI038	X12670_SmithS_H9c2 Cells_LEN_25 nM_48 Hrs_V1Q_1	22,190,536
16-LEN_4	H9c2 Cells_LEN_25 nM_48 Hrs	10.6	377	12671	iMUDI039	X12671_SmithS_H9c2 Cells_LEN_25 nM_48 Hrs_V1Q_1	24,164,431
17-LEN_5	H9c2 Cells_LEN_25 nM_48 Hrs	9.3	383	12672	iMUDI040	X12672_SmithS_H9c2 Cells_LEN_25 nM_48 Hrs_V1Q_1	28,143,363
18-LEN_6	H9c2 Cells_LEN_25 nM_48 Hrs	9.7	383	12673	iMUDI041	X12673_SmithS_H9c2 Cells_LEN_25 nM_48 Hrs_V1Q_1	31,974,165

Libraries traces

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