Pre-made Library QC Report

Report Date：2018-11-07 03:14:24

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1.Project General Information

Project Name	Davis-US-TAMHSC-1-premade-1-lane-libseq-WOBI-NVUS2018101147	Contract No.	C202SC18110008
Client		Institute/Company	Texas AM University
Received By	KEVIN.BERTHIA	Receiving Date	2018-11-02
Tested By	JING.ZHAO	Test Date	2018-11-07
Verified By	JING.ZHAO	Verified Date	2018-11-07

2.QC Methods

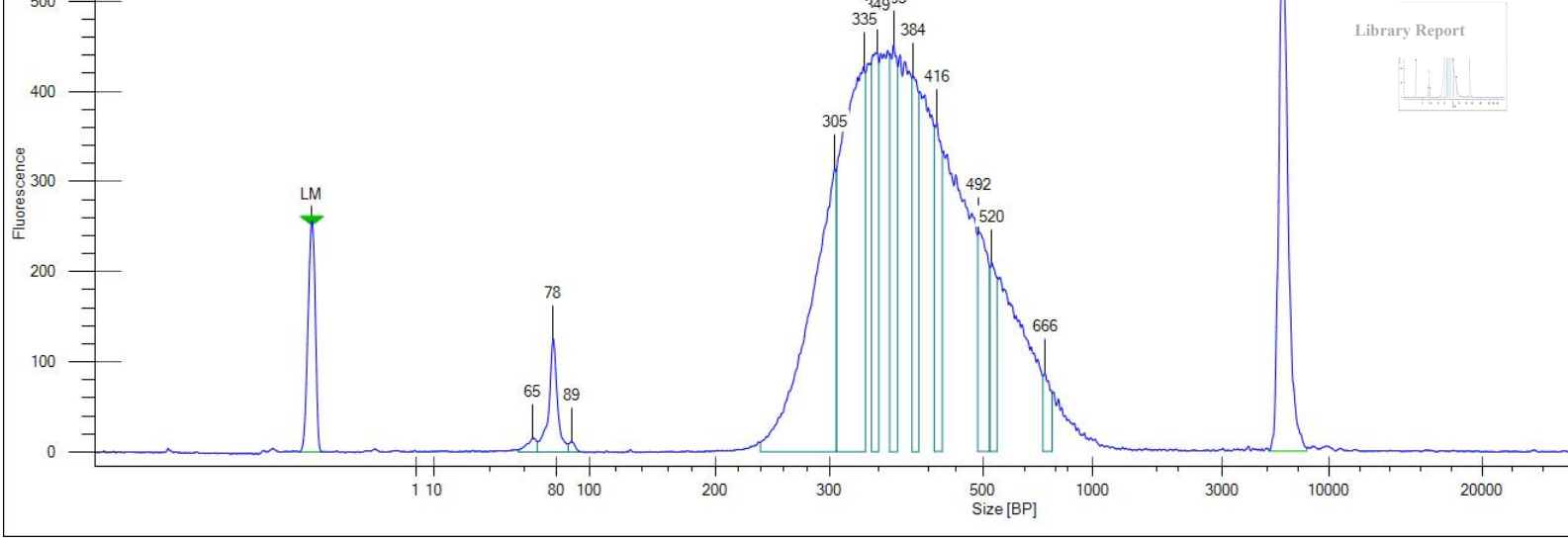
Assay Type	Sample Quatitation	√ Qubit
	Insert Size&Molar Conc.	□ Agilent 2100-H □ Caliper-L √ Caliper-H □ NGS3K □ DNF-474 □ DNF-915 √ QPCR
	Note	Request: QPCR≥2nM for HiSeq 2000/HiSeq 2500/Nextseq 500 Illumina; QPCR≥3nM for HiSeq X Ten/Novaseq Illumina; QPCR≥4nM for MiSeq Illumina;

3. QC Summary

Number	Sample ID	Library ID	Index Sequencing	Library volume (μL)	Fragment size (bp)	Con.(ng/μL)	Molarity(r
1	Yuan？Dai	USPD16090799	ATCACG,CGATGT,TTAGGC,TGACCA,ACAGTG,GCCAAT,CAGATC,ACTTGA	260	403	3.08	21.69

4. Bioanalyzer Results

The NGS3K examination result suggests that the main peaks of the libraries range from 403 bp to 403 bp (containing 120 bp of adapter).


Library Report
Fluorescence
500
400
300
200
100
0
LM
65
78
89
305
335
349
384
416
492
520
666
1
10
80
100
200
300
500
1000
3000
10000
20000
Size [BP]