

6/6

sample BR117

start w/ 20 μ l of sample DNA + 25 μ l H_2O

Covaris spin 1 min 9,000 rpm x2

① End prep

45 μ l DNA7 μ l Ultra II end prep buffer3 μ l

"

mix

5 μ l

DCS

60 μ l

incubate 20°C 5 min

65°C 5 min

transfer to 1.5 ml tube

add 60 μ l Ampure

mix by flicking for 5 min

spin down

magnet

wash w/ 200 μ l 70% EtOH x2

spin down, remove rest to dry ~10 min

resuspend w/ 31 μ l H_2O

incubate 2 min

qubit = 6.36 μ g/ml (190.8 ng)

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Read and Understood By

Signed

Date

Signed

Date

u/g ② Adapter Ligation

30 μ l DNA
20 μ l Adapter Mix
50 μ l Blunt/TA Ligation mix
100 μ l

incubate 10 min.

③ Bead Binding

add 40 μ l AMPure Beads

incubate & flick 5 min

spindown to magnet

140 μ l ABB x 2 wash remove from magnet in between

15 μ l ELB

incubate RT 1 hour

~~* computer broken. Sample put in~~

④ Loading

35 μ l RBF
4.5 μ l H₂O
25.5 μ l ELB
10 μ l Library
75 μ l

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