6/20 Sample CH2017

Start w/ 20µl DNA
26µl H_2O

Covaris spin 4,200 rpm 1 min x 2

① DNA Repair
45µl DNA
8.5µl H_2O
6.5 FFPE repair buffer
2µl FFPE repair enzyme
62µl

in PCR tube and inc. at 20c for 15min

transfer to 1.5mL tube
add 62µl of Ampure beads & inc RT 10min
spin down & pellet on magnet
wash w/ 200µl 70% EtOH x2

spin/remove last of EtOH & dry

resuspend w/ 48µl of H_2O inc 2min

pellet & remove 46µl

Qubit 0.42 ng/µl (288.9ng)

② End Prep
45µl DNA
7µl Ultra II end prep buf.
3µl enz mix
5µl DCS
60µl

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Signed Date Signed Date

6/20 frac - 20°C 5min
65°C 5min

transc to 1.5 ml tube
add 60µl AMPure beads

inc. 5min + flick

spindown + magnet

wash w/ 200µl 70% EtOH x2

spindown/remove rest + dry

resuspend w/ 31µl H_2O inc 2min

Qubit 8.64 ng/µl (259.2 ng)

③ Adapter Ligation
30µl DAT
20µl Adapter mix
50µl Blunt/TA Ligation Mix
100µl

incubate 10 min.

④ Bead Binding
add 40µl AMPure Beads
flick + inc 5min
spindown + magnet

140µl ABB x2

15µl ELB

*Computer broken, refridgerated * run next day

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Signed Date Signed Date