

REAGENT name=SPRI-bead solution, vol=0.9x pooled

PLACE %? holder=magnetic rack, time=3min

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TRANSFER %? Substance=supernatant, container=new 1.5mL

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REAGENT name=80%EtOH(fresh) vol=at least 1mL

REMOVE %? substance=supernatant

INCUBATE method=(:7min)

REMOVE %? substance=EtOH

LOOP begin=?, end=?, time=1

DRY %? dryer=air, time=10-15min

REAGENT name=EB or TE, vol=100ul

PLACE %? Holder=magnetic rack

LOOP begin=?, end=?, time=1

REAGENT name=EB or TE, vol=30ul

library volume ADD %? %?

ADD %? %?

SUSPEND %? %?

Eppendorf tube

ELUTE %? %?

Eppendorf tube

i. Add 0.9x pooled library volume of SPRI-bead

solution. Incubate for 5 min. at room temperature.

ii. Place on magnetic rack for 3 min.

iii. Remove supernatant without disturbing

magnetic beads.

iv. Add at least 1 mL 80% EtOH (fresh). Incubate

for 30 sec.

v. Remove supernatant.

vi. Repeat EtOH wash.

vii. Air dry for 10 - 15 min.

viii. Re-suspend beads thoroughly in 100 μl EB or

TE buffer. ix. Place eppendorf on magnetic rack for 3 min.

x. Transfer supernatant to new 1.5ml Eppendorf

tube.

xi. Repeat cleanup (from step 1-7) and elute in

30µ1 EB or TE buffer.

xii. (Optional) Place eppendorf on magnetic rack

for 3 min. and transfer supernatant to new tube.