

Labware changes from DNABOT (API 2 branch):

- 4ti_0960RIG_96_wellplate_200ul -> nest_96_wellplate_100ul_pcr_full_skirt
- 1500_starlabtubes_24_tuberack_1500ul -> opentrons_24_tuberack_eppendorf_1.5ml_safelock_snapcap
- 4Ti_0131_Reservoir_12_trough_21000ul -> usascientific_12_reservoir_22ml or nest_96_wellplate_2ml_deep depending on volume needed
- opentrons_96_filtertiprack_20ul -> opentrons_96_tiprack_20ul
- E1415-1500_starlabtubes_24_tuberack_1500ul -> opentrons_24_tuberack_eppendorf_1.5ml_safelock_snapcap

All lab ware needed (API2)

Clip

- opentrons_96_tiprack_20ul X 2
- nest_96_wellplate_100ul_pcr_full_skirt X 3 (parts, linkers, destination)
- opentrons_24_tuberack_eppendorf_1.5ml_safelock_snapcap X 1 (MM, water)

Purification

- opentrons_96_tiprack_300ul X 5
- nest_96_wellplate_100ul_pcr_full_skirt X 2 (one on MagDeck is from clip)
- usascientific_12_reservoir_22ml X 1 (reagents/ethanol)
- nest_96_wellplate_2ml_deep X 1 (beads)

Assembly

- opentrons_96_tiprack_20ul X 7 (not sure if all are needed...)
- nest_96_wellplate_100ul_pcr_full_skirt X 2 (one is from purification step, one is on TempDeck)
- opentrons_24_tuberack_eppendorf_1.5ml_safelock_snapcap X 1 (MM)

Transformation

- opentrons_96_tiprack_20ul X 3
- opentrons_96_tiprack_300ul X 2
- nest_96_wellplate_100ul_pcr_full_skirt X 3 (one from assembly, one is agar, one is on TempDeck/destination)
- opentrons_24_tuberack_eppendorf_1.5ml_safelock_snapcap X 1 (waste)
- nest_96_wellplate_2ml_deep X 1 (SOC)