Cherrypicking with Source and Destination

protocols.opentrons.com/protocol/7a3e4b

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This protocol utilizes a user-specified CSV to transfer sample using a variety of labware. With this protocol you have the ability to choose between the following:

- Starlab Deepwell Plate
- Eppendorf 2mL Tube in Tube Rack
- Eppendorf 1.5mL Tube in Tube Rack
- NEST 96-Well, 200µL Flat
- NEST 96-Well, 100µL PCR
- BioRad 96-Well, 200µL PCR
- Corning 96-Well, 360µL Flat
- Corning 384-Well, 112µL Flat
- USA Scientific 96-Deepwell, 2.4mL

With the destination labware providing the same options as source labware.

Explanation of complex parameters below:

> `Volumes CSV` : Here, you should upload a .csv file formatted in the following way, being sure to include the header line:

`Source Well` | `Volume` | `Destination Well`

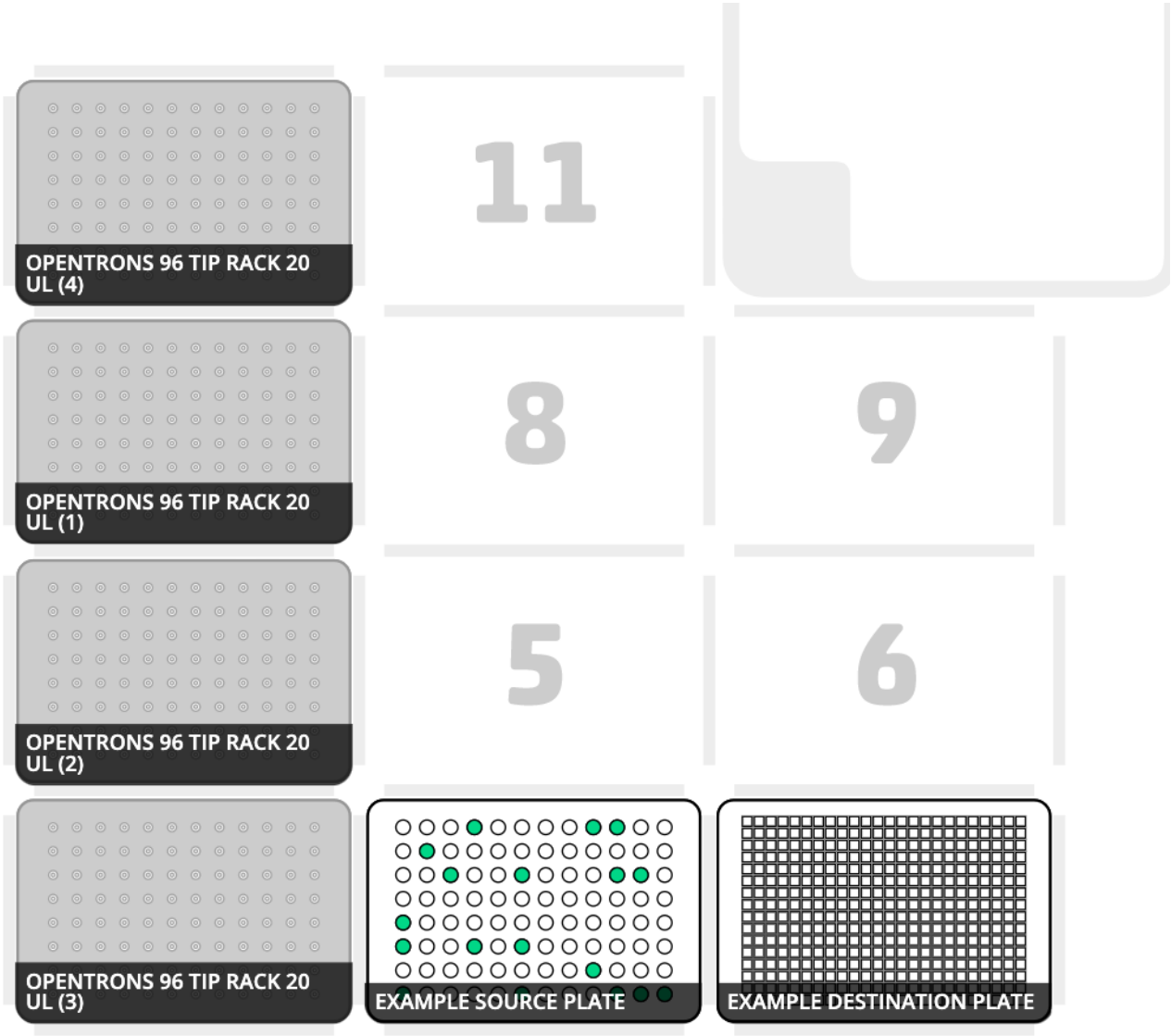
Note about CSV: The first column is dedicated to the header of the CSV; thus, the first row of data should occupy cells 'A2', 'B2', and 'C2' in the document.

- `Pipette Model` : Select which pipette you will use for this protocol.
- `Pipette Mount` : Specify which mount your single-channel pipette is on (left or right).
- `Source Labware Type` : Select which (destination) labware you will use for this protocol.
- `Destination Labware Type` : Select which (destination) labware you will use for this protocol.
- `Tip Use Strategy` : Select whether you would like to use the same tip or a new tip for each transfer.

Pipettes

> Opentrons Single-Channel Pipette and corresponding Tips

Deck Setup



Protocol Steps

1. Pipette will aspirate a user-specified volume at the designated labware and well according to the imported csv file.
2. Pipette will dispense this volume into user-specified labware and well according to the imported csv file.
3. Steps 1 and 2 repeated over the duration of the CSV file.

OT-2

Download Protocol:

Process

1. Input your protocol parameters above.
2. Download your protocol and unzip if needed.

3. Upload your custom labware to the OT App by navigating to `More` > `Custom Labware` > `Add Labware`, and selecting your labware files (.json extensions) if needed.
4. Upload your protocol file (.py extension) to the OT App in the `Protocol` tab.
5. Set up your deck according to the deck map.
6. Calibrate your labware, tiprack and pipette using the OT App. For calibration tips, check out our support articles.
7. Hit 'Run'.

Additional Notes

If you have any questions about this protocol, please contact the Protocol Development Team by filling out the Troubleshooting Survey.