

# Turner Lab Notebook

Callum Malcolm

## Tuesday 02-05-2023

1. Thawed N2, RBL1, and RAMOS into T75 flasks  
Note: N2 and RBL1 flasks seeded with feeders

## Wednesday 03-05-2023

1. Splitting cells

Cell Line	Cells/mL	Cells/mL Seeded	CS volume	Final Volume	Last day split	P number
N2	$8.93 \times 10^5$	$3 \times 10^5$ .	6.71 mL	12 mL	Tues 02-05-23	2
RBL1	$7.73 \times 10^5$	$3 \times 10^5$ .	7.76 mL	12 mL	Tues 02-05-23	2

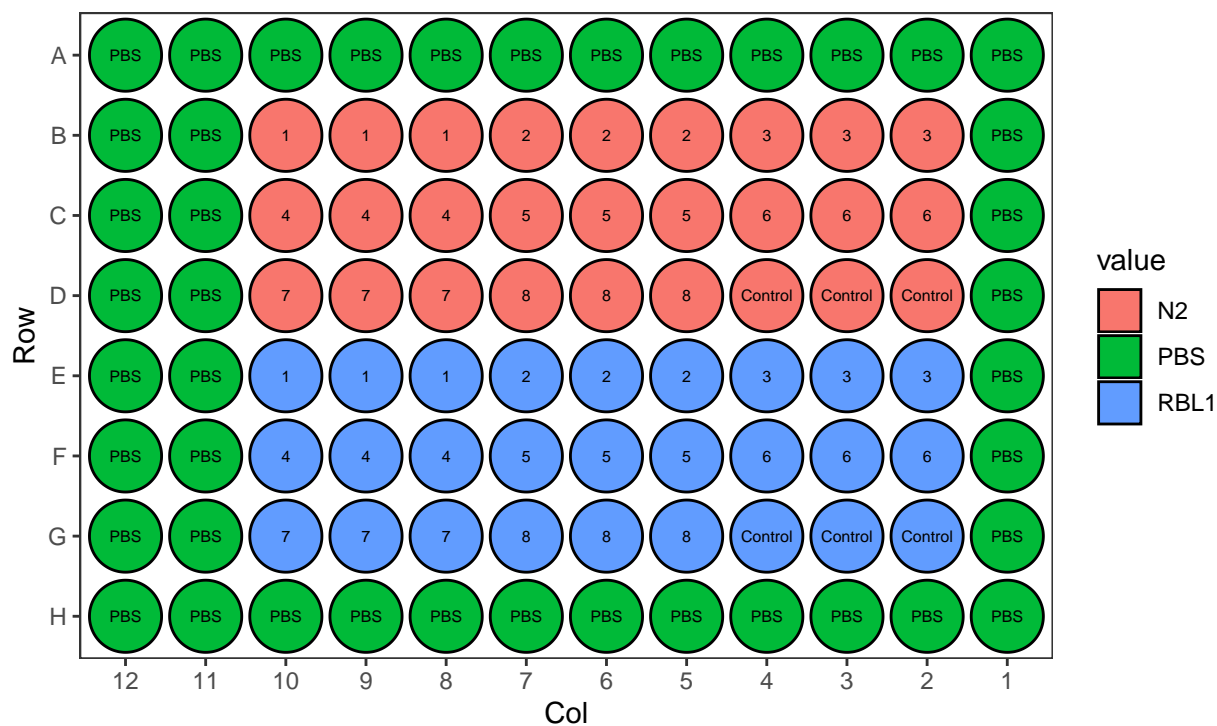
2. Expanded N2-Barcodes to T175
3. Seeded feeders into 96-well
  - a. Diluted feeders to  $3.2 \times 10^4$  cells/mL
  - b. Add  $100 \mu\text{L}$  cell suspension to each well

## Monday 19-06-2023

1. Splitting cells
  - Split N2/RBL1/JIRE
  - Added 10 mL media to BLLW
    - Lots of dead cells observed
2. EC50 - ID:
  - Cylophosphamide EC50 for N2 and RBL1

## 96 Well Plate Map

EC50\_230619\_plate1



## Drug Dilutions

Drug	Dilution	Concentration	Units	Starting_Concentration
Cyclophosphamide	1	20.00	uM	2e+04
Cyclophosphamide	2	2.00	uM	2e+03
Cyclophosphamide	3	0.20	uM	2e+02
Cyclophosphamide	4	0.02	uM	2e+01
Cyclophosphamide	5	0.00	uM	2e+00
Cyclophosphamide	6	0.00	uM	2e-01
Cyclophosphamide	7	0.00	uM	2e-02
Cyclophosphamide	8	0.00	uM	0e+00
Cyclophosphamide	9	0.00	uM	0e+00

**Tuesday 20-06-2023**