

10/15 Replating for Expression Exp. 6

- Wash T150 1X w/ 15 ml PBS PS
- Trypsinize 3 min 37°C, 2 ml trypsin
- Hit flask, resusp in 7 ml MEMA
- Transfer 2 ml to T75 containing 12.5 ml MEMA

10/17 Processing for mutant selection

- Load 100 P100 ^{dishes} flasks w/ 7 ml MEMA
- Load 30 P60 dishes w/ 4 ml MEMA
- Load 40 tubes w/ 4.5 ml MEMA wash
- Load 10 tubes w/ 4.5 ml MEMA
- ~~Wash~~ Aspirate medium from T75
- Wash 1X 10 ml PBS
- Add 1 ml trypsin, 37°C, 3 min
- Hit flask, resusp in 7 ml MEMA & transfer to 14 ml tube
- Centrifuge 10 min 2000 rpm RT
- Decant, resusp in 5 ml MEMA
- Syringe 5X, 216, 5cc

Counter Counts (100µl in 20µl Isotone II, 100µl macroeter)

	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	ml cells to add to 4.5 ml to get 4.5 x 10 ⁶ /ml
1:00 pm	2545	2567	2587	2566.3 x 400 x 5	5.13 x 10 ⁶ /ml	2.9	} incorrect dilution had 4.5 ml				
	2452	2471	2458	2460.3 x 400 x 5	4.92 x 10 ⁶ /ml	2.74					
	2429	2309	2446	2394.7 x 400 x 5	4.79 x 10 ⁶ /ml	2.87					
	2352	2353	2288	2331 x 400 x 5	4.66 x 10 ⁶ /ml	3.38	* (handwritten mark)				
	2350	2377	2367	2364.7 x 400 x 5	4.73 x 10 ⁶ /ml	3.29					
	2184	2096	2178	2152.7 x 400 x 5	4.30 x 10 ⁶ /ml	3.91					
	2133	2242	2163	2179.3 x 400 x 5	4.36 x 10 ⁶ /ml	3.81					
	2491	2436	2396	2441 x 400 x 5	4.88 x 10 ⁶ /ml	3.13					
	2286	2298	2245	2276.3 x 400 x 5	4.55 x 10 ⁶ /ml	3.53					
4:45 pm	2289	2281	2433	2334.3 x 400 x 5	4.67 x 10 ⁶ /ml	3.37					