

4. Spin the plates at 1100g at 30°C for 15-30min. Incubate at 37°C overnight.
5. Replace the media from the infected cell plates and add 100ul media containing various puromycin concentrations as shown below. Incubate at 37°C for 48-72 hours.

Puromycin concentration, ug/mL												
A		0	0.5	1	1.5	2	2.5	3	4	5	6	
B		0	0.5	1	1.5	2	2.5	3	4	5	6	
C		0	0.5	1	1.5	2	2.5	3	4	5	6	
D		0	0.5	1	1.5	2	2.5	3	4	5	6	
E		0	0.5	1	1.5	2	2.5	3	4	5	6	
F		0	0.5	1	1.5	2	2.5	3	4	5	6	
G		0	0.5	1	1.5	2	2.5	3	4	5	6	
H		0	0.5	1	1.5	2	2.5	3	4	5	6	

6. Remove the puromycin containing media from the cell plates.
7. Add 100ul of phenol red free DMEM medium containing 10% MTS. Incubate at 37°C for 0.5-3hrs.
8. Record the absorbance at 490 nm using a 96-well plate reader.
9. Determine the optimal puromycin concentration by choosing the minimum concentration of puromycin that causes complete cell death in non-transduced cells and maximal viability in transduced cells.