

## Recommended lentivirus MOI for common cell lines

What is MOI and what MOI should be used for your cell line? MOI stands for Multiplicity Of Infection; the number of lentiviral particles per cell.

The optimal MOI for each cell line varies. For each cell line, a range of MOI from 5-100 needs to be tested using a positive control particles containing a fluorescent protein marker, such as OriGene's GFP control lentiviral particle (cat# [PS100071V](#)).

The chart below shows the recommended MOI for common cell lines as a point of reference.

Cell lines	Recommended MOI
A549	5
C2C12	100
Caco2	25
HCT116	5
HEK293T	5
Hela	3
HepG2	10
Hep3B	10
HuH7	10
Jurkat	10
LNCaP	10
MCF-7	2
NK92	10
PC3	25
SH-SY5Y	5
SKNMC	10
THP1	5
U2OS	5