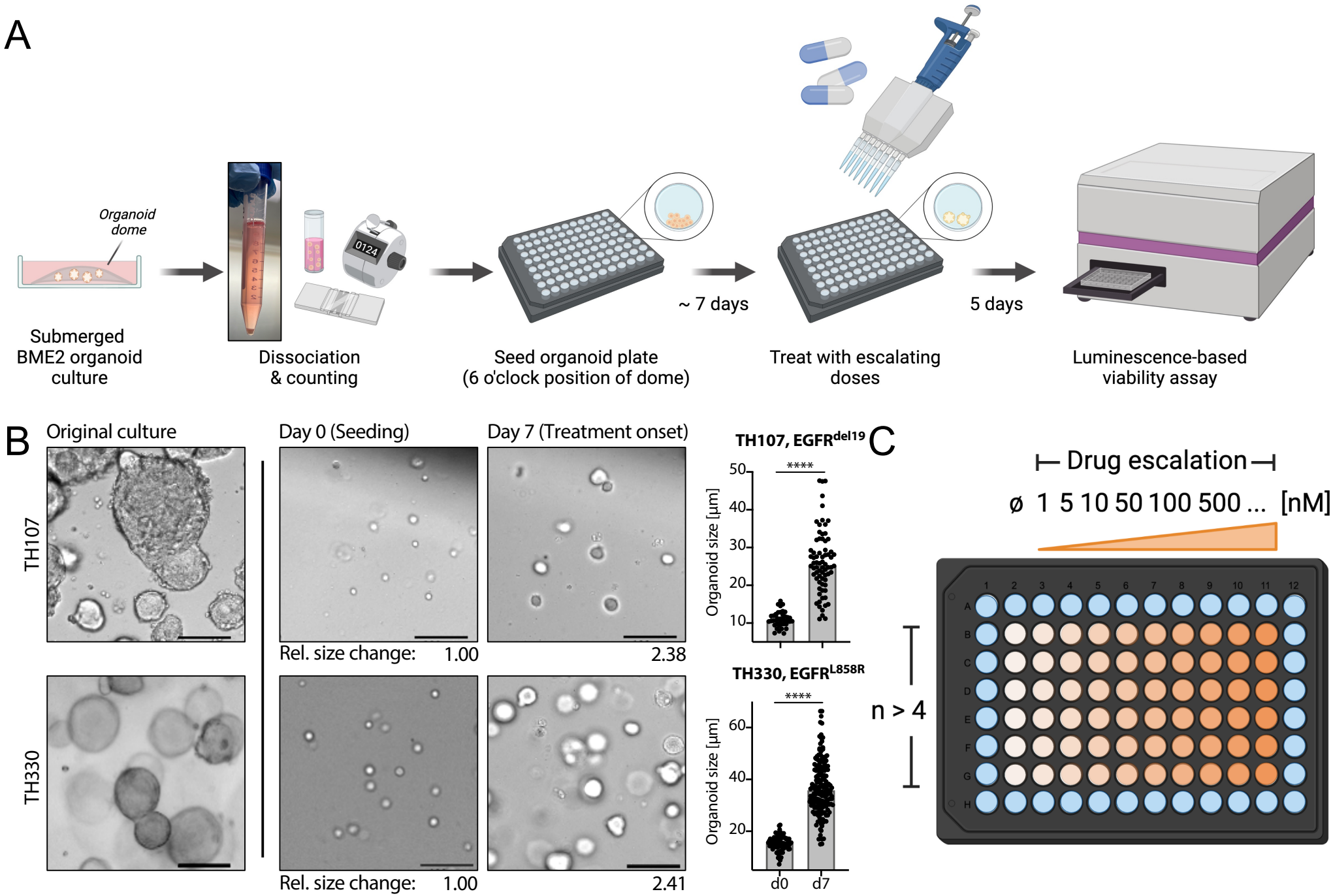
A
Organoid dome
Submerged BME2 organoid culture
Dissociation & counting
Seed organoid plate (6 o'clock position of dome)
~ 7 days
Treat with escalating doses
5 days
Luminescence-based viability assay
B
Original culture
Day 0 (Seeding)
Day 7 (Treatment onset)
TH107
TH330
Rel. size change: 1.00
2.38
Rel. size change: 1.00
2.41
TH107, EGFRdel19
TH330, EGFRL858R
Organoid size [µm]
****
d0
d7
C
Drug escalation
ø 1 5 10 50 100 500 ... [nM]
n > 4