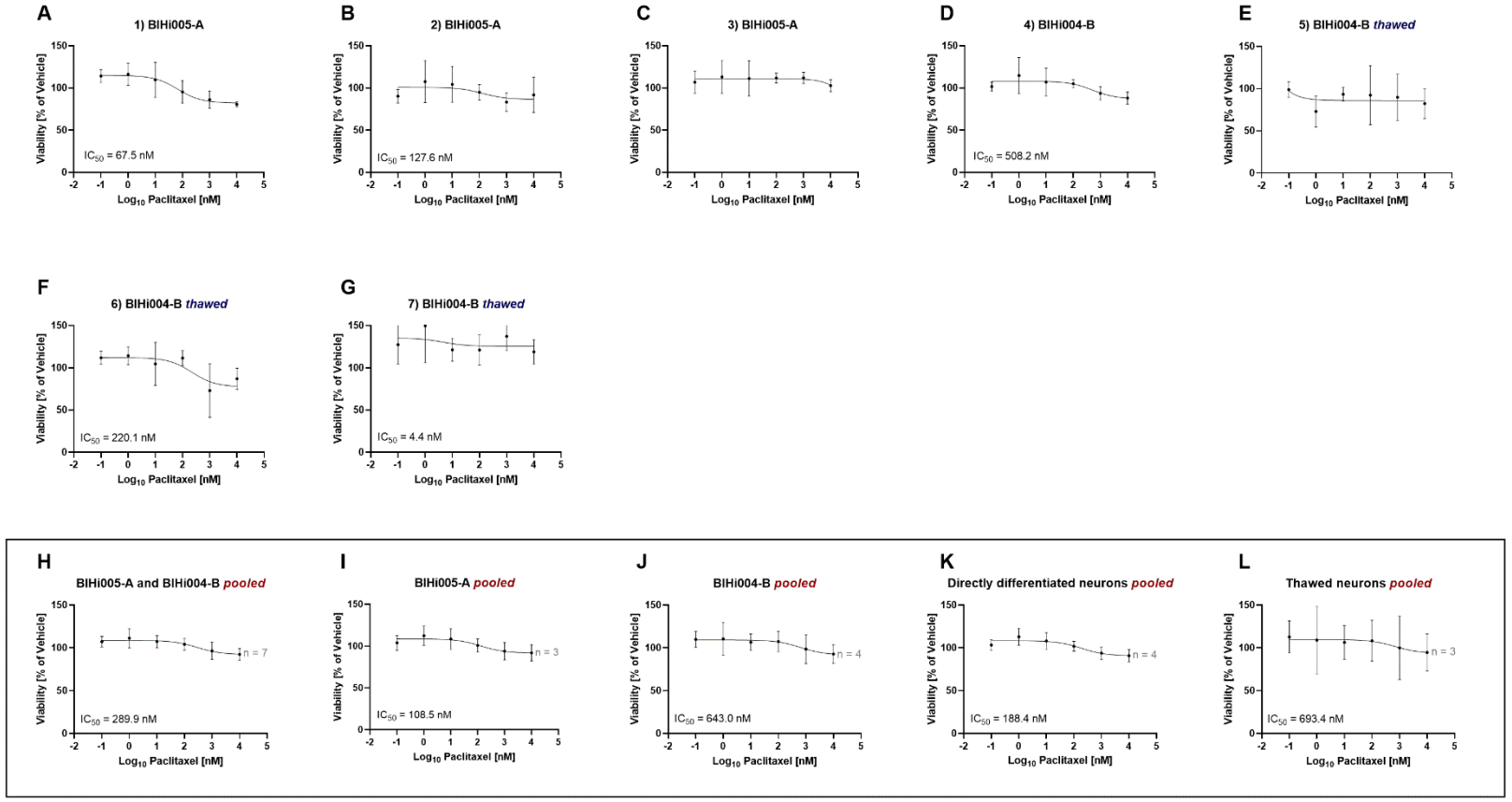

Fig. 1. Effect of paclitaxel on cell viability of >d40 iPSC-DSN (24h treatment). Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

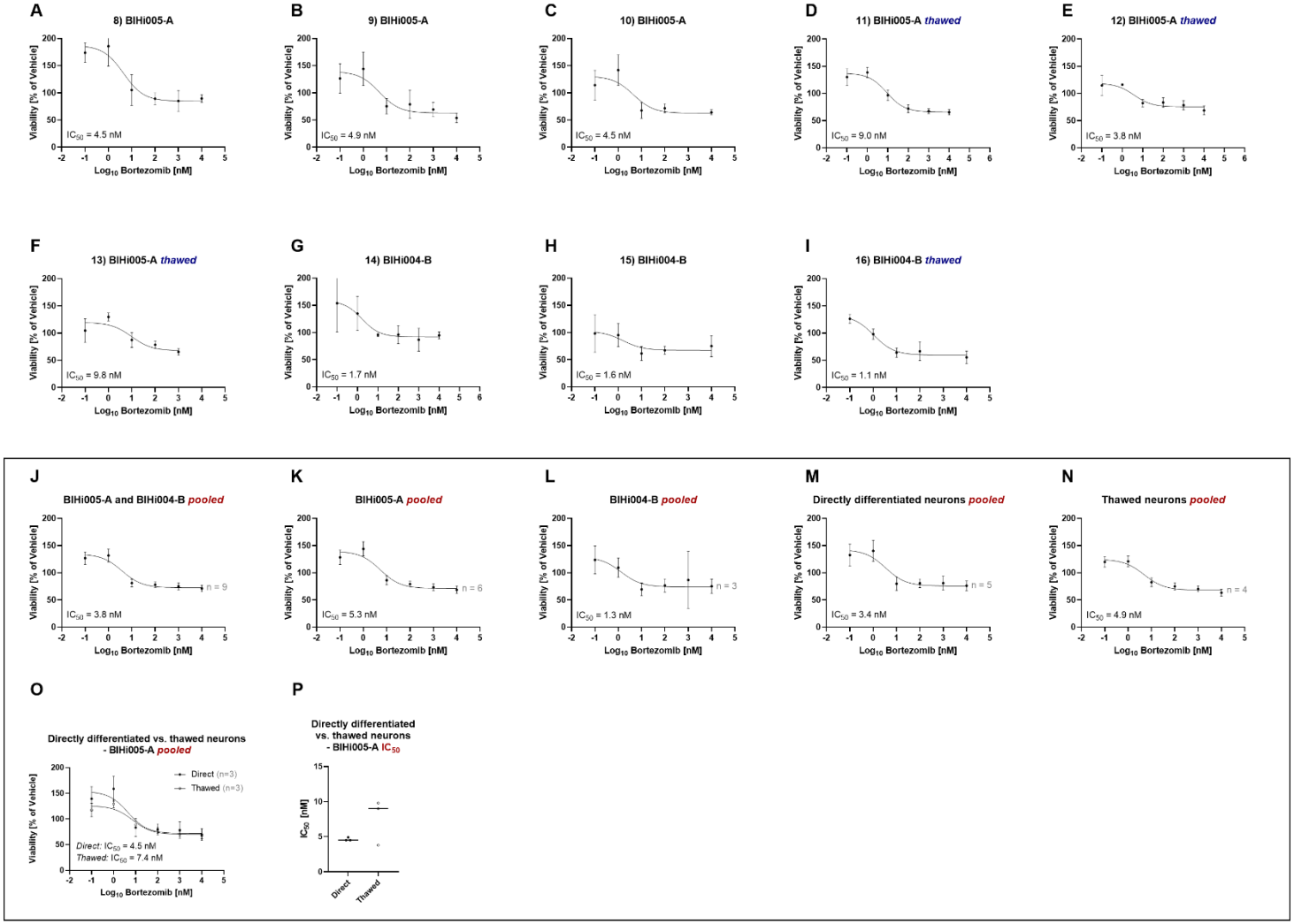

Fig. 2. Effect of bortezomib on cell viability of >d40 iPSC-DSN (24h treatment). Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

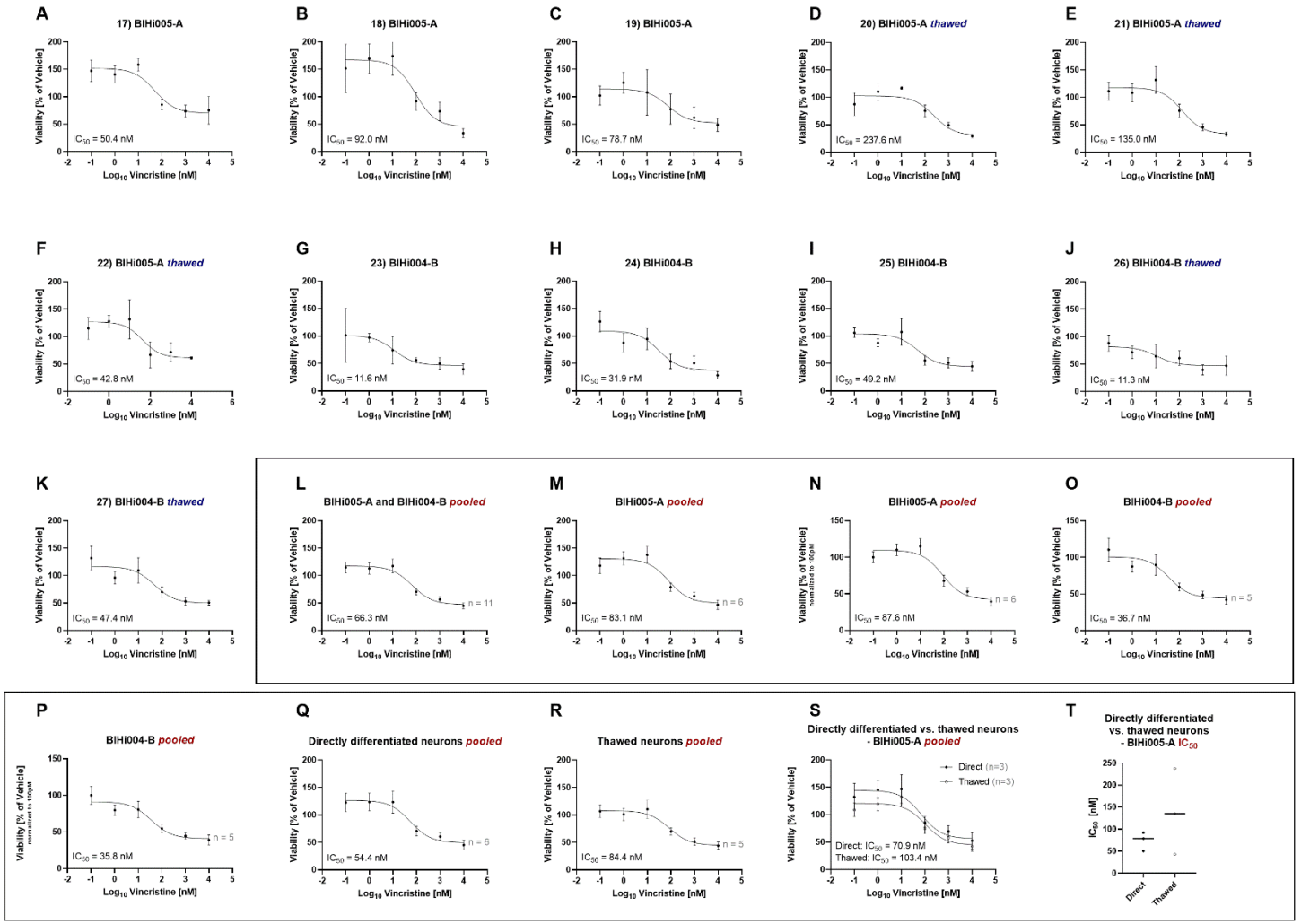

Fig. 3. Effect of vincristine on cell viability of >d40 iPSC-DSN (24h treatment). Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

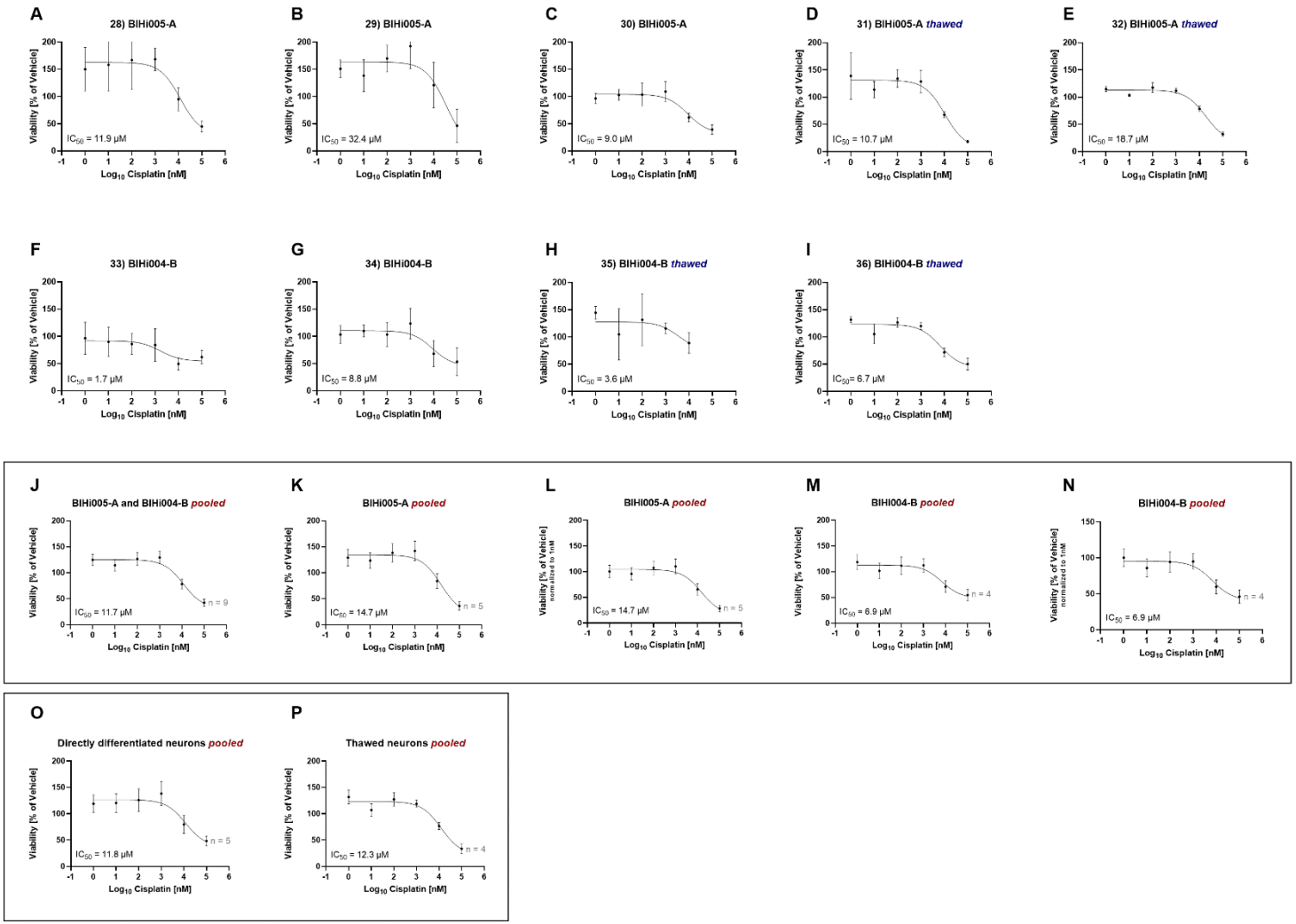

Fig. 4. Effect of cisplatin on cell viability of >d40 iPSC-DSN (24h treatment). Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

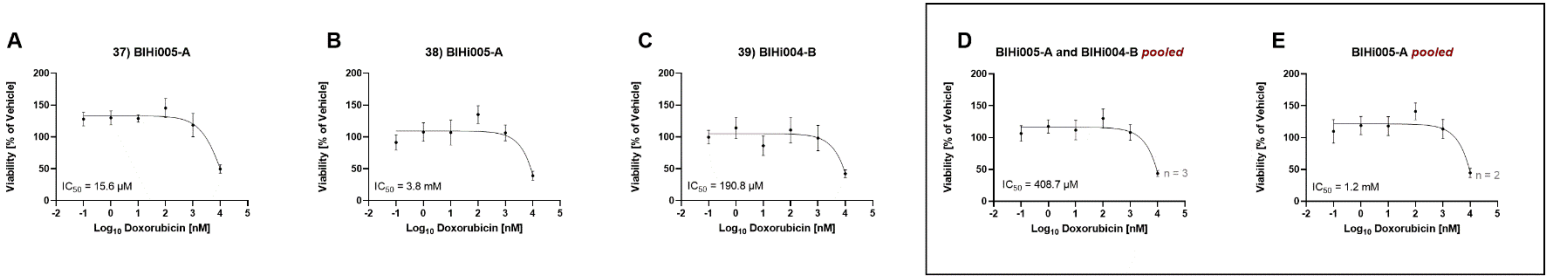

Fig. 5. Effect of doxorubicin on cell viability of >d40 iPSC-DSN (24h treatment). Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

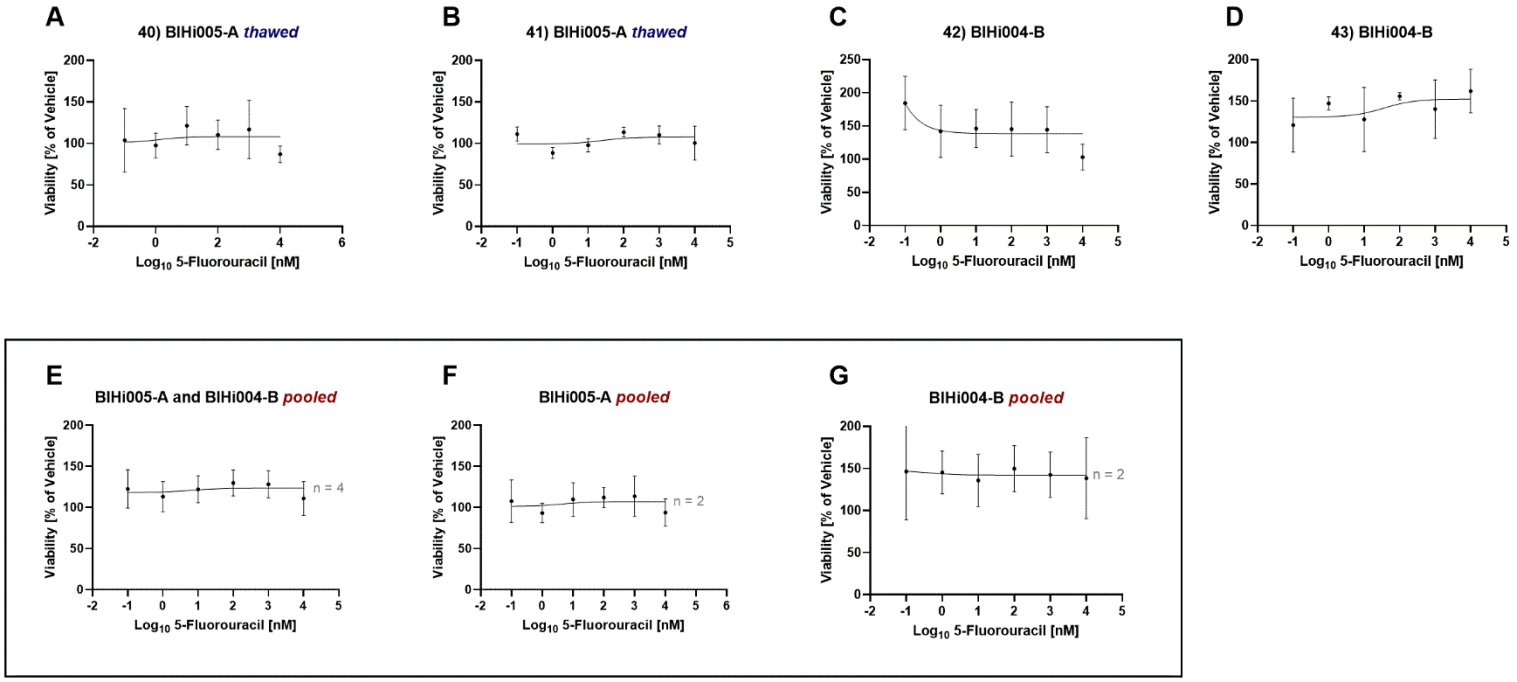

Fig. 6. Effect of 5-fluorouracil on cell viability of >d40 iPSC-DSN (24h treatment). Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

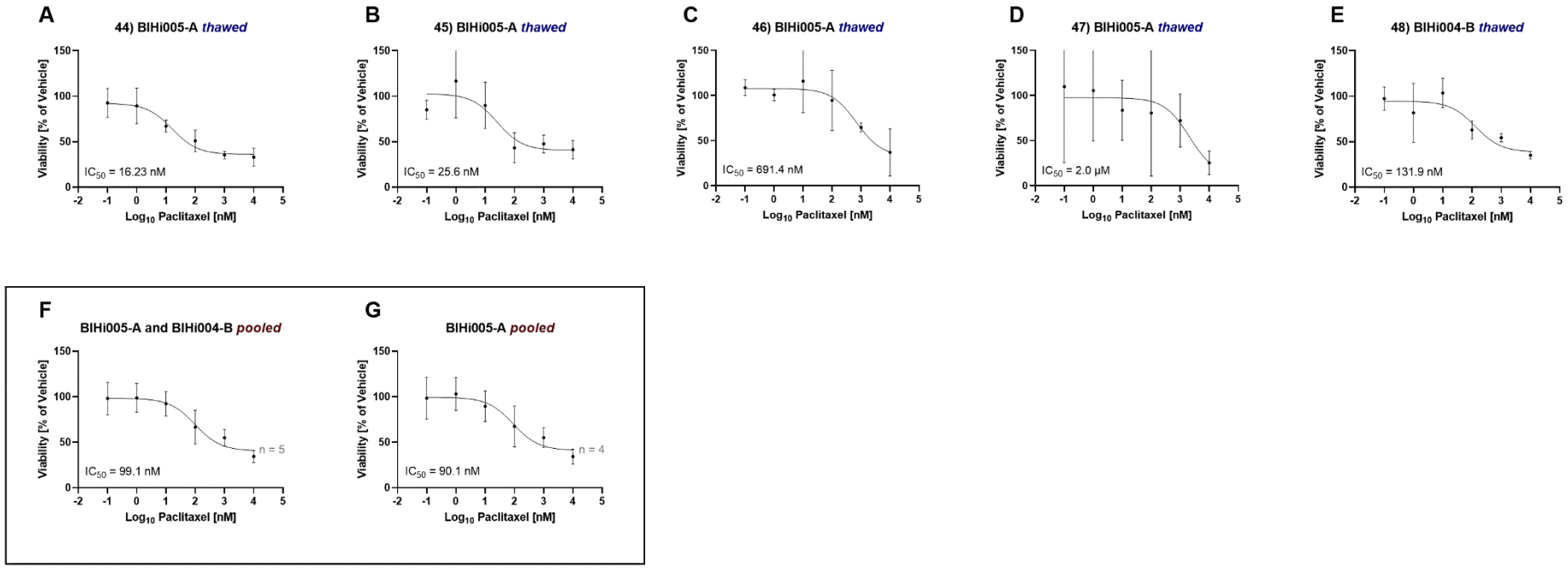

Fig. 7. Effect of paclitaxel on cell viability of >d40 iPSC-DSN treated for 72h. Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

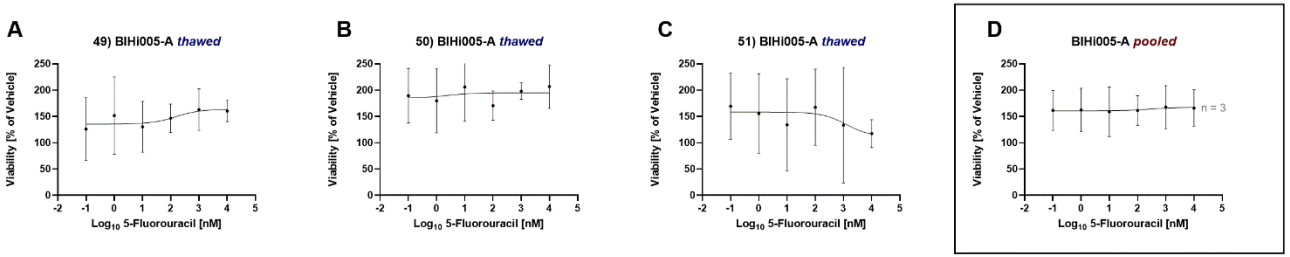

Fig. 8. Effect of 5-fluorouracil on cell viability of >d40 iPSC-DSN treated for 72h. Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

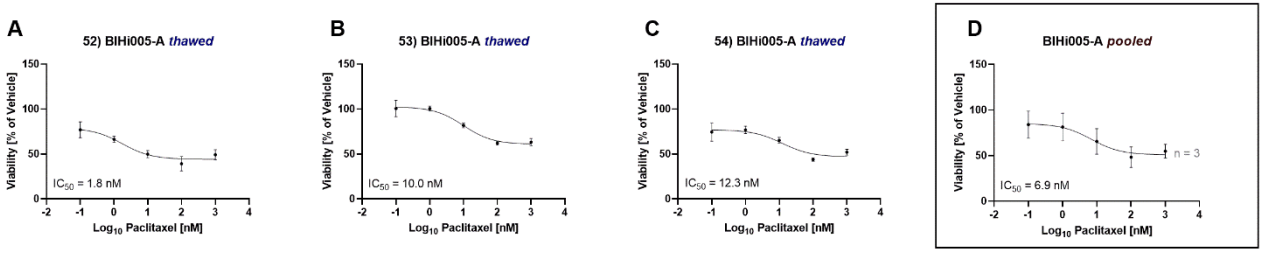

Fig. 9. Effect of paclitaxel on cell viability of d13 iPSC-DSN. Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

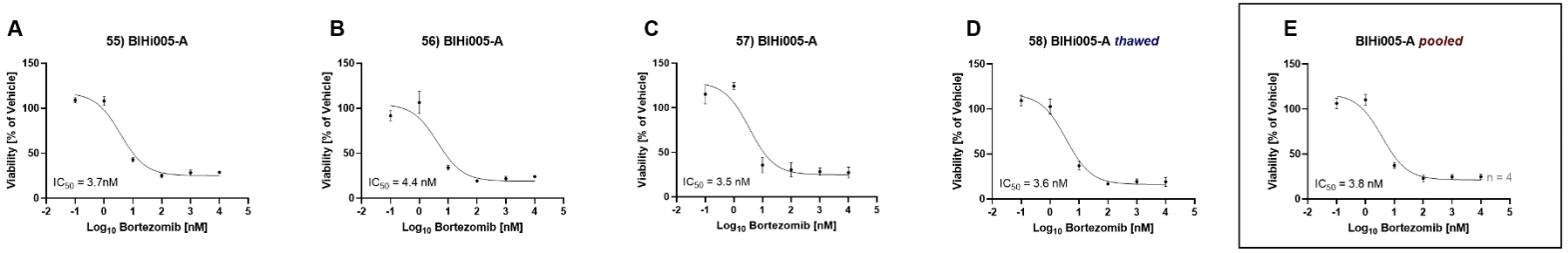

Fig. 10. Effect of bortezomib on cell viability of d13 iPSC-DSN. Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

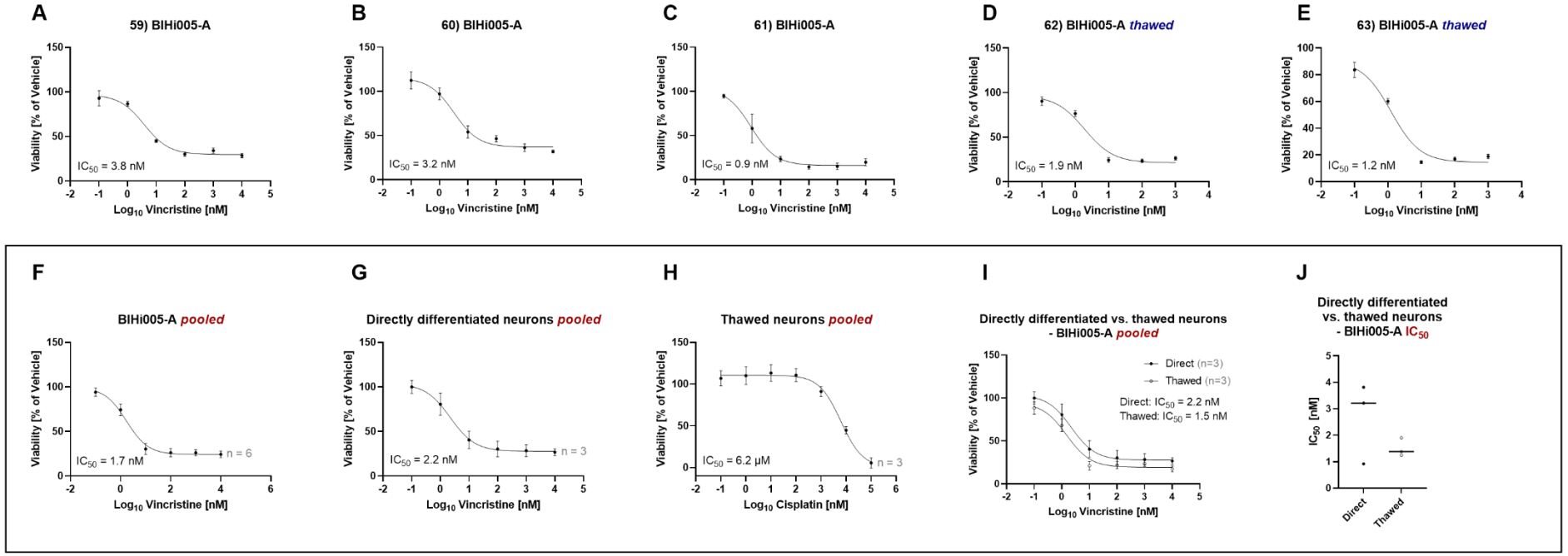

Fig. 11. Effect of vincristine on cell viability of d13 iPSC-DSN. Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

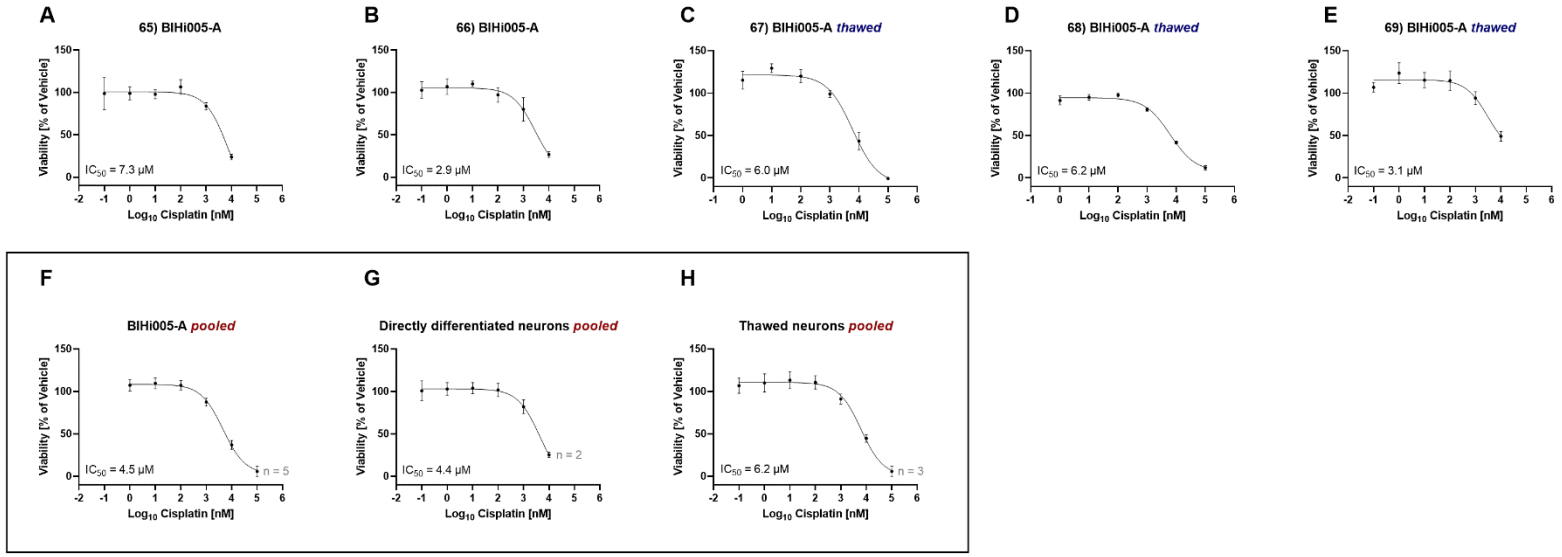

Fig. 12. Effect of cisplatin on cell viability of d13 iPSC-DSN. Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

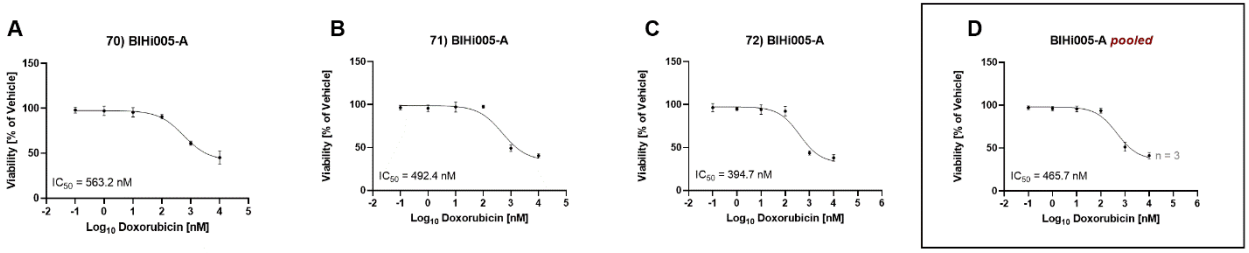

Fig. 13. Effect of doxorubicin on cell viability of d13 iPSC-DSN. Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

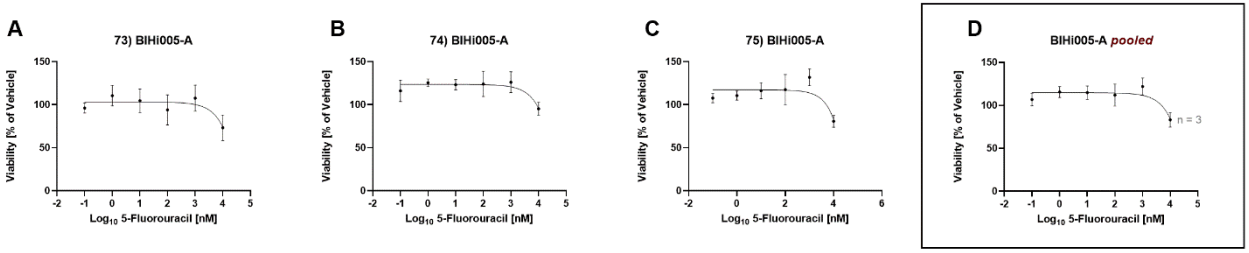

Fig. 14. Effect of 5-fluorouracil on cell viability of d13 iPSC-DSN. Curves show the calculated live/dead ratio from MTT and protease assays as mean viability with SD (single assays) or 95% confidence interval (pooled assays, in rectangles). n states the number of biological replicates.

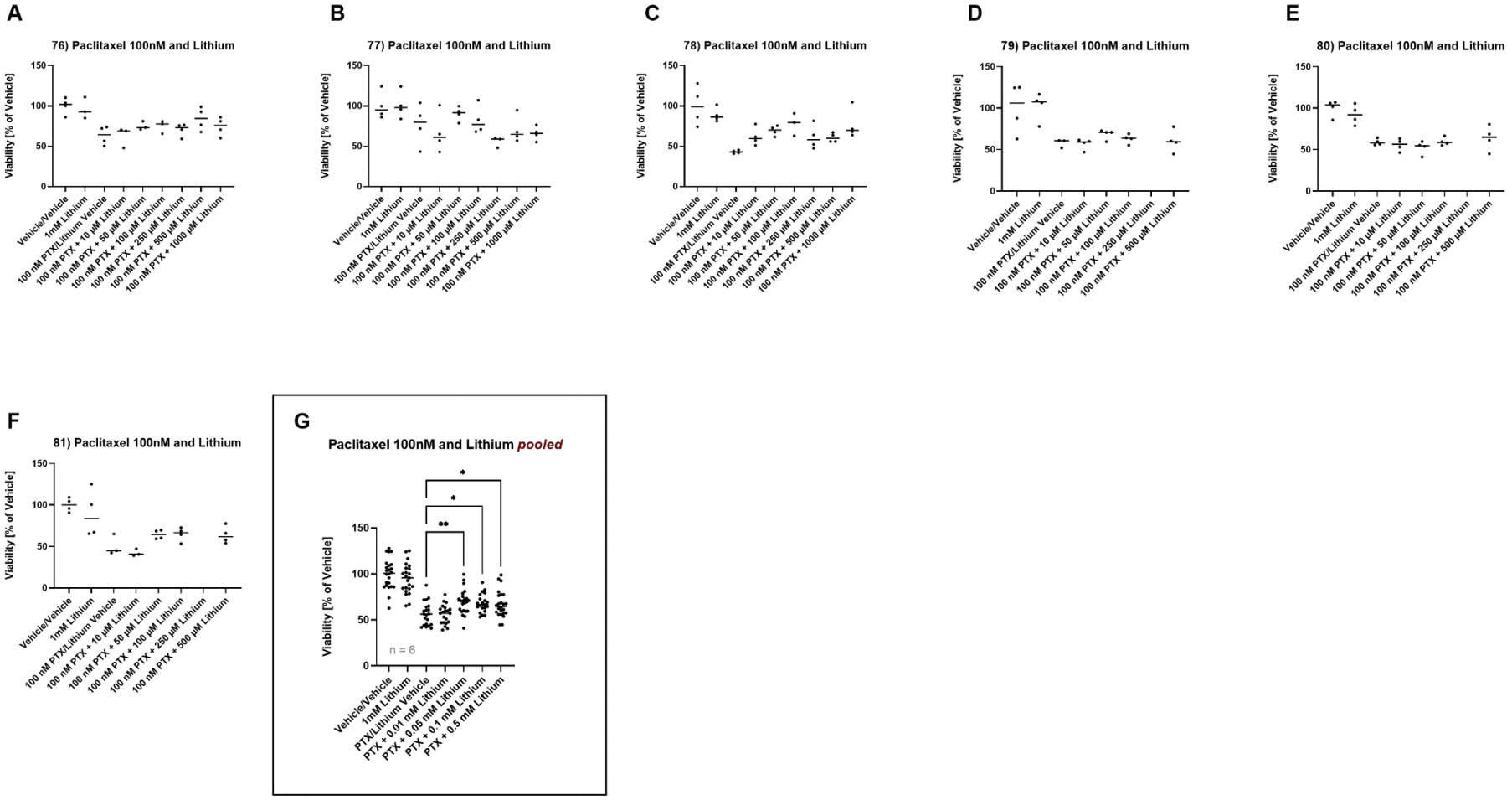

Fig. 15. Evaluation of lithium as potential neuroprotectant against paclitaxel induced neurotoxicity in the iPSC-DSN model (treatment 72h). Curves show dot plots calculated from live/dead ratio from MTT and proteases assays (single values as dots); pooled assays in rectangles. n states the number of replicates. There was a significantly increased viability in iPSC-DSN co-incubated with lithium-chloride in concentrations between 0.05 – 0.5mM.