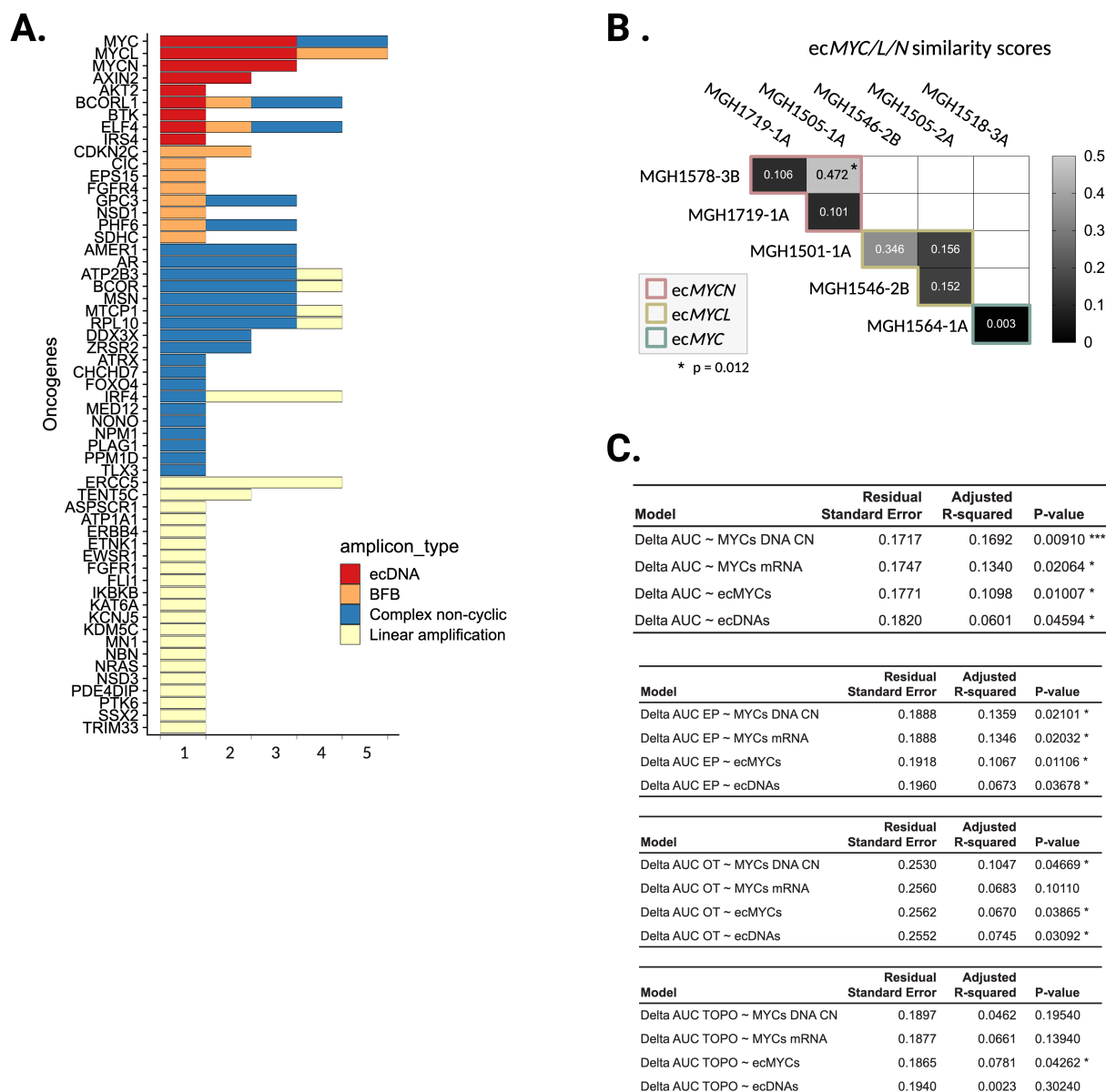


Supplementary Figure S11



Supplementary Figure S11. Frequency of amplified oncogenes across PDX panel, similarity of ecMYC/L/N structures, and regression analysis of average drug response versus MYC paralog copy number, expression and amplicon type. (A) Oncogenes amplified in PDX models, ordered by frequency of amplification and by type of amplicon as annotated by AmpliconArchitect. **(B)** AmpliconClassifier similarity scores between ecDNAs harboring MYC, MYCL or MYCN from different PDX models. Only the ecMYCN amplifications between MGH1578-3B and MGH1505-1A are significantly similar in structure. **(C)** Linear regression analysis of PDX responses to individual agent EP, OT and topotecan, as well as average drug response (ΔAUC^{avg}), versus MYC paralog copy number, transcript level, or incorporation into an ecDNA, or presence of any ecDNA in the model. (created with BioRender.com)