Hi all,

In the spirit of the GBIRd collaboration, I thought I’d give you a heads up on our (recently accepted) modelling paper (attached). Tom performed the “in silico” experiments with input from all co-authors (ie. the modeling + experimental team at the University of Adelaide). There are some encouraging predictions for some of the strategies, but clearly some challenges as well.

I think this provides some useful guidance for our experimental goals and where to focus our efforts for CRIPSR gene drive development. Some of this is covered in the DARPA application (e.g., efficient germline homing) while other aspects are not (generating drives with multiple gRNA to counter resistance and targeting fertility/viability genes for mutagenesis).

Anyway, I hope you find the article of interest.

Cheers

Paul