*In figure 2F the authors use same gene pairs and linked genes to show how those gene pairs GIS are enriched in negative values. Why is the "same gene pairs" curve showing a shoulder above zero?*

In the heterozygous diploid stage, same gene pairs will be homozygous knockouts, which can exhibit fitness defects in the initial pool and eventually drop out. While fitness can be calculated independently of initial frequency,

While our fitness metric is not sensitive to initial frequency, the low initial sequence counts of defective strains can affect the calculation of epsilon

by inflating the estimates of single and double mutant defects

Strains which

This dropout adds a lot of error

at one gene, while other strains will have heterozygous knockouts at two genes. Thus, we can expect some knockouts to manifest homozygou