power to detect fitness differences between two treatments with n total barcodes 1.00 Fitness Difference 0.75 between Treatments **--** 2.0% 1.75% 1.5% bower 0.50 1.25% 1.0% 0.75% 0.5% 0.25% 0.1% 0.05% 0.25 32 16 24 40 8 48 56 64 n (total barcodes)