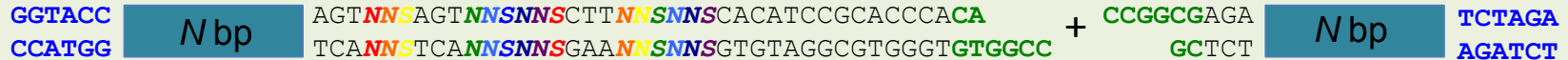


Figure S1



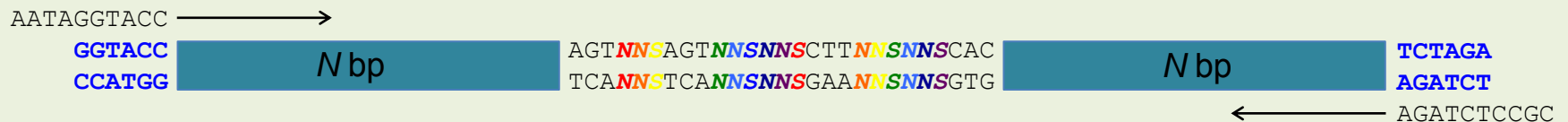
Step 1. Amplify fragments from parent template with appropriate oligonucleotide design.

Key components: 65-70°C TM
48-96 reactions
15-20 cycles



Step 2. Digest and ligate PCR fragments.

- Digest with pre-designed, internal restriction site (green)
- Ligate fragments to create full-length library template



Step 3. Amplify library cassette.

Key components: 48-96 reactions
30 cycles
External restriction sites (blue) used for cloning into final vector

Figure S2

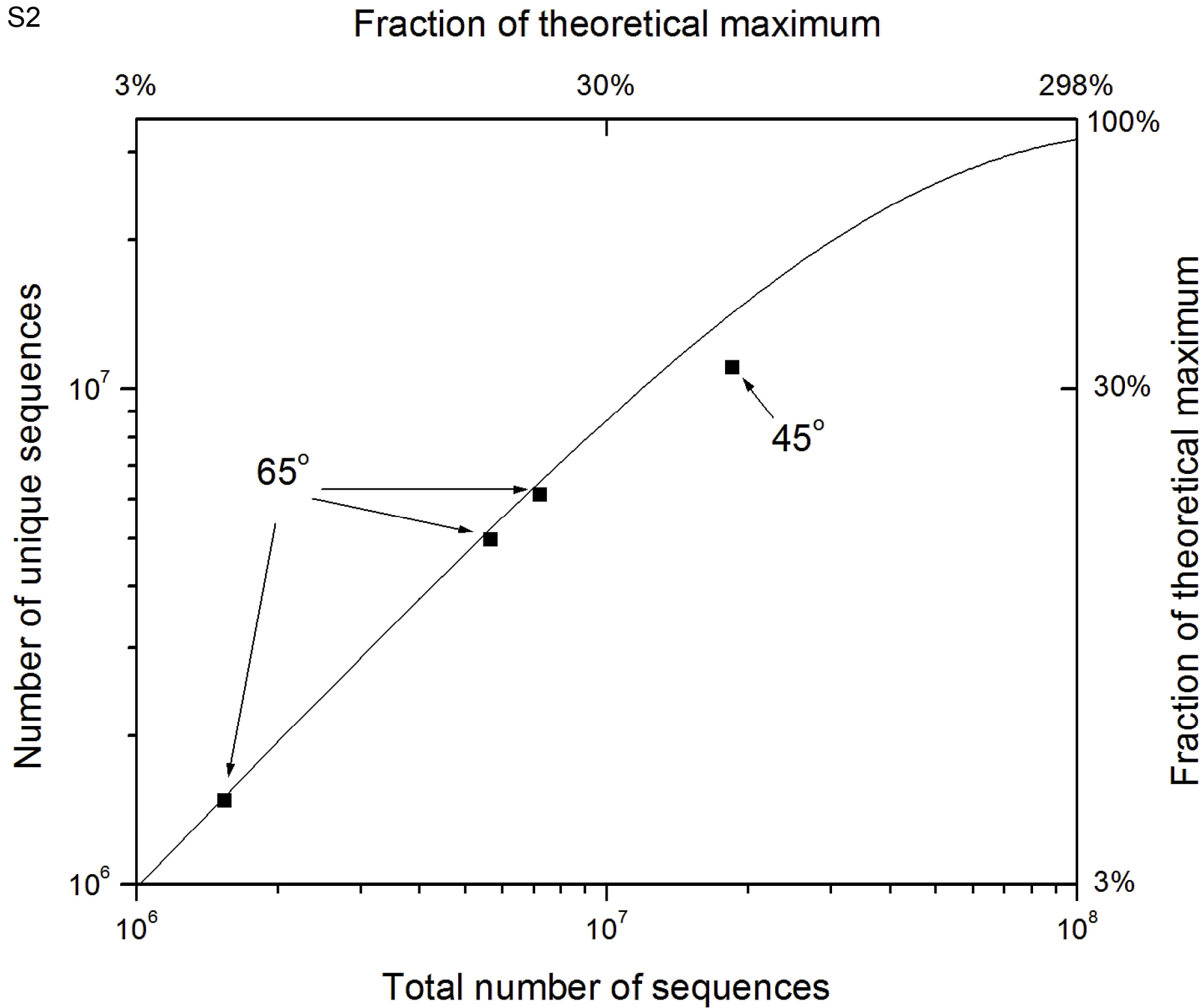


Figure S3

