RNA is polyA selected, fragmented, and randomly primed

First-strand cDNA synthesis

cDNA

Second-strand cDNA synthesis, marked to enable strandedness

Fragments are filled and adenylated

Adapters are ligated

p5 Index2

Read 1 sequencing primer (Rd1 SP)

Read 2 sequencing primer (Rd2 SP)

Index1 p7

PCR amplification and index addition

p5 Index2 Rd1 SP Rd2 SP Index1 p7

Indexed library ready for sequencing

Primers aleatórios?