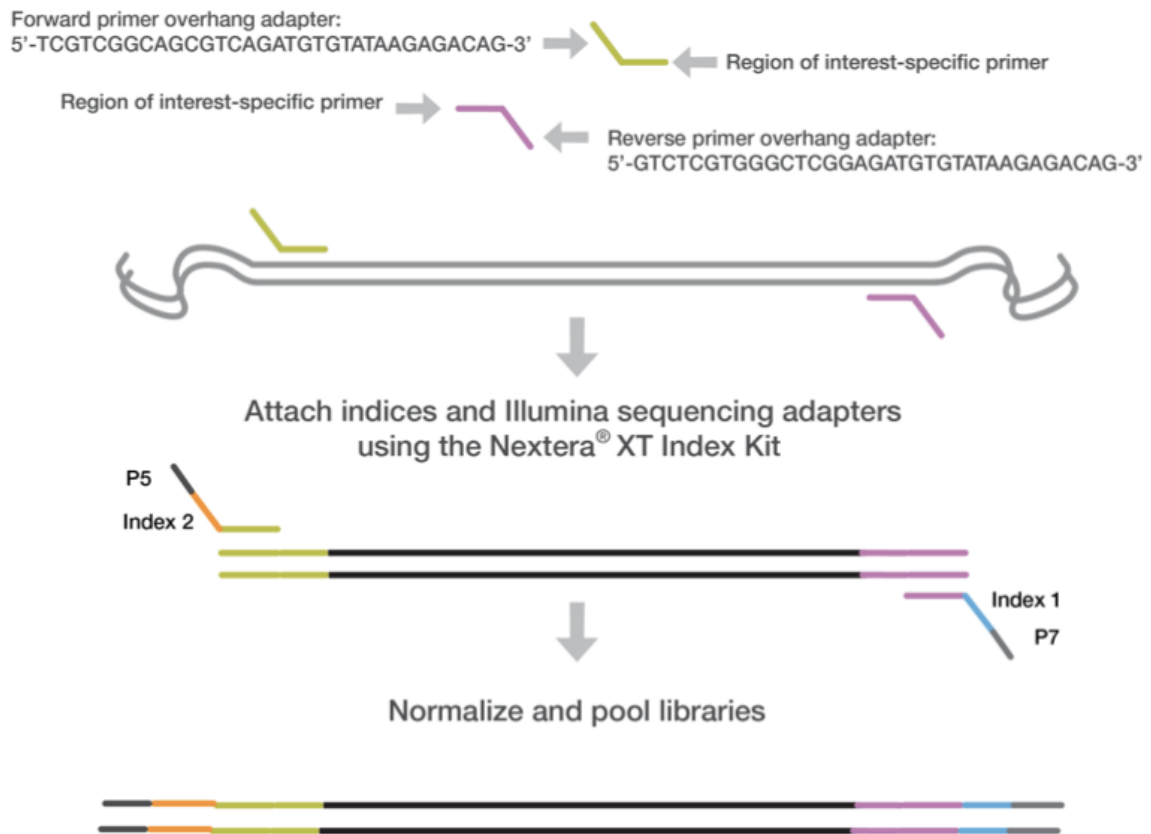


General scheme:



1st round PCR primers pair:

Fw: 5'-TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG[Gene specific part]
Rev: 5'-GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG[Gene specific part]

2nd round PCR primers pair (indexing primers):

Index 2 Read 5'-AATGATACGGCGACCAACGAGATCTACAC[i5]TCGTCGGCAGCGTC (P5)
Index 1 Read 5'-CAAGCAGAAGACGGCATACGAGAT[i7]GTCTCGTGGGCTCGG (P7)

Final product ends:

Fw:
5'-AATGATACGGCGACCAACGAGATCTACAC[i5]TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG[GSP part]
Rev:
5'-CAAGCAGAAGACGGCATACGAGAT[i7]GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG[GSP part]

Sequencing primers:

Nextera Read 1 Primer: 5'-GCCTCCCTCGCGCCATCAGAGATGTGTATAAGAGACAG-3'

Nextera Read 2 Primer: 5'-GCCTTGCCAGCCCGCTCAGAGATGTGTATAAGAGACAG-3'

Yellow underlined – complementary (to the library cDNA) part of sequencing primers