

Duke University DNA Analysis Facility
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DNA Sequencing Primers

DNA concentration: The concentration of all primers are 10 ng/ul.

Amount to use: Use 3ul (30ng) per reaction.

Cost: \$5.00 for 100 reactions (300ul)

Primers:

T7 primer (Long): 5' GTA ATA CGA CTC ACT ATA GGG C

T7 primer (Short): 5' TAA TAC GAC TCA CTA TAG GG

T3 primer: 5' AAT TAA CCC TCA CTA AAG GG

M13 (-40) Forward: 5' CGC CAG GGT TTT CCC AGT CAC GAC

M13 Reverse: 5' CAG GAA ACA GCT ATG ACC ATG

KS primer: 5' TCG AGG TCG ACG GTA TC

SK primer: 5' CGC TCT AGA ACT AGT GGA TC

These primers were purchased from IDT.

The DNA Sequencing facility quantitates each primer, dilutes it to a working concentration, and tests it in automated fluorescent DNA sequencing reactions prior to sale.

Not all primers with the same name have exactly the same sequence. These primers were synthesized to match pBluescript II (Stratagene) or pGEM3ZF (Promega). Please compare these primer sequences with the binding sites in your template to ensure they match.