MOLECULAR CORE FACILITY

College of William and Mary, Department of Biology

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**SEQUENCING REQUEST**

**Preparing samples:**

All samples must be in PCR reaction tubes, labeled in consecutive numbers. Full sample names will be assigned to each tube at the time of sequencing run.

IMPORTANT! - tubes with samples need to be labeled with numbers only!

**Template:** 200-400 ng plasmid DNA or 20-100 ng PCR product DNA

(based on size of plasmid or PCR amplicon; larger templates require more DNA).

Refrain from adding too much PCR product to the sequencing reaction, too much PCR template will shorten the length of sequence read!

**Primer:** 2-4 uM oligonucleotide - either a commercial vector-specific primer or your own gene-specific 18-20mer.

The total volume of primer AND template mix must be 8 ul, if volume needs to be adjusted to the required 8ul - use ddH2O (not TE buffer).

**Submitting the request and samples:**

Submit the request online at: <https://forms.office.com/r/HtuhRkhV5R?origin=lprLink>

When assigning sample's names - do not use special characters ( : ; " / ? ! etc). Dashes, underscores and colons are allowed.

After submitting the request - leave tray with your samples in Molecular Prep Room (ISC3031) 4C refrigerator, bottom right drawer.