**PCR primers to add myc epitope sequence EQKLISEEDL to ecdM8**

**Translation of EQKLISEEDL**

ATG GCA TCA ATG CAG AAG CTG ATC TCA GAG GAG GAC CTG

**Reverse translation:**

caggtcctcctctgagatcagcttctgcattgatgccat

**Last 20bp of ecdM8:**

tgtttgggcaggttaataat

**Reverse complement of last 20b of ecdM8:**

Attattaacctgcccaaaca

**Primer sequence:**

Caggtcctcctctgagatcagcttctgcattgatgccatattattaacctgcccaaaca

myc epitope tag 20mer of ecdM8

**If cloning with bsaI and GGA:**

**Synthesis of myc epitope tag:**

Ggtctctatggcatcaatgcagaagctgatctcagaggaggacctgcgagacc

bsaI myc epitope tag bsaI

**ecdM8 reverse primer:**

GGTCTC A attattaacctgcccaaaca

BSAI 1bp 20mer of cedM8

 spacer

**ecdM8 forward primer:**

GGTCTC A tactagtagcggccgctgcag

BSAI 1bp 21mer biobrick suffix

 spacer