

## **Ligation Samples**

### **Two piece ligation**

5X ligation buffer: 4

Vector: 1

Insert: 3

T4 ligase: 1

H<sub>2</sub>O: 11

### **Three piece ligation**

5X ligation buffer: 4

Vector: 1

Insert 1: 5

Insert 2: 5

T4 ligase: 1

H<sub>2</sub>O: 4