The plasmids sequences used were as follows:

**shcirc-0067724:**

Forward:
CCGGAAGAAAGGTTTTTTGATTAATTGGATCCGTTAATCAAAACCCCTTCTTTTTTTG

Reverse:
AATTCAAAAAAGAAAGGTTTTTGTGAATACGGATCCAATTAATCAAAACCCCTTCTT

**shcirc-0016213:**

Forward:
CCGGGGCTACAGAAATAGGAAGGTTTTGGATCCGAACCTTCCTATTTCTGATGCGCTTTTTT

Reverse:
AATTCAAAAAAGGCTACAGAAATAGGAAGGTTCCGAACCCCTTCTATTTCTGATGCG