

Previous Part
...AGTTTG
...TCAAAC

CCTACC... This Part
GGATGG...

Resulting subsequent assembly junction

-2
...AGTTTGCCTA
...TCAAACGGAT
TGCCTACC...
ACGGATGG...

vs.

Extra 5' CPEC overlap (bps)

0
...AGTTTGCCTA
...TCAAACGGAT
TTTGCCTACC...
AAACGGATGG...

+2
...AGTTTGCCTA
...TCAAACGGAT
AGTTTGCCTACC...
TCAAACGGATGG...

Assembled Sequence
...AGTTTGCCTACC...
...TCAAACGGATGG...