

Design of oligos for changing ITRs of pAAV_MCS in order to delete PstI restriction site

Homepage for calculating TM of primer:

<http://www.basic.northwestern.edu/biotools/oligocalc.html>

right ITR of pAAV_MCS

Target:

AGTGAGCGAGCGAGCGCGCAGCTGCCTGCA**G**GGGCGCCTGATGCGGTATTTTCTCCTTACG

Aim:

AGTGAGCGAGCGAGCGCGCAGCTGCCTGCA**C**GGGCGCCTGATGCGGTATTTTCTCCTTACG

oligos ordered:

55 °C

54 °C

fwd: 5'- gcgcagctgcctgca**C**GGGCGCCTGATGCGG -3' 77 °C, 31 bp

rev: 5'- CCGCATCAGGCGCCC**G**TGCAGGCAGCTGCGC -3'

left ITR of pAAV_MCS

Target:

GGCCTTTTGCTGGCCTTTTGCTCACATGTC**C**TGCAGGCAGCTGCGCGCTCGCTCGCTCACTGAGG

Aim:

GGCCTTTTGCTGGCCTTTTGCTCACATGTC**G**TGCAGGCAGCTGCGCGCTCGCTCGCTCACTGAGG

oligos ordered:

44 °C

59 °C

fwd: 5'- CCTTTTGCTCACATGTC**G**TGCAGGCAGCTGCGCG -3' 74 °C, 34 bp

rev: 5'- CGCGCAGCTGCCTGCA**C**GACATGTGAGCAAAAGG -3'