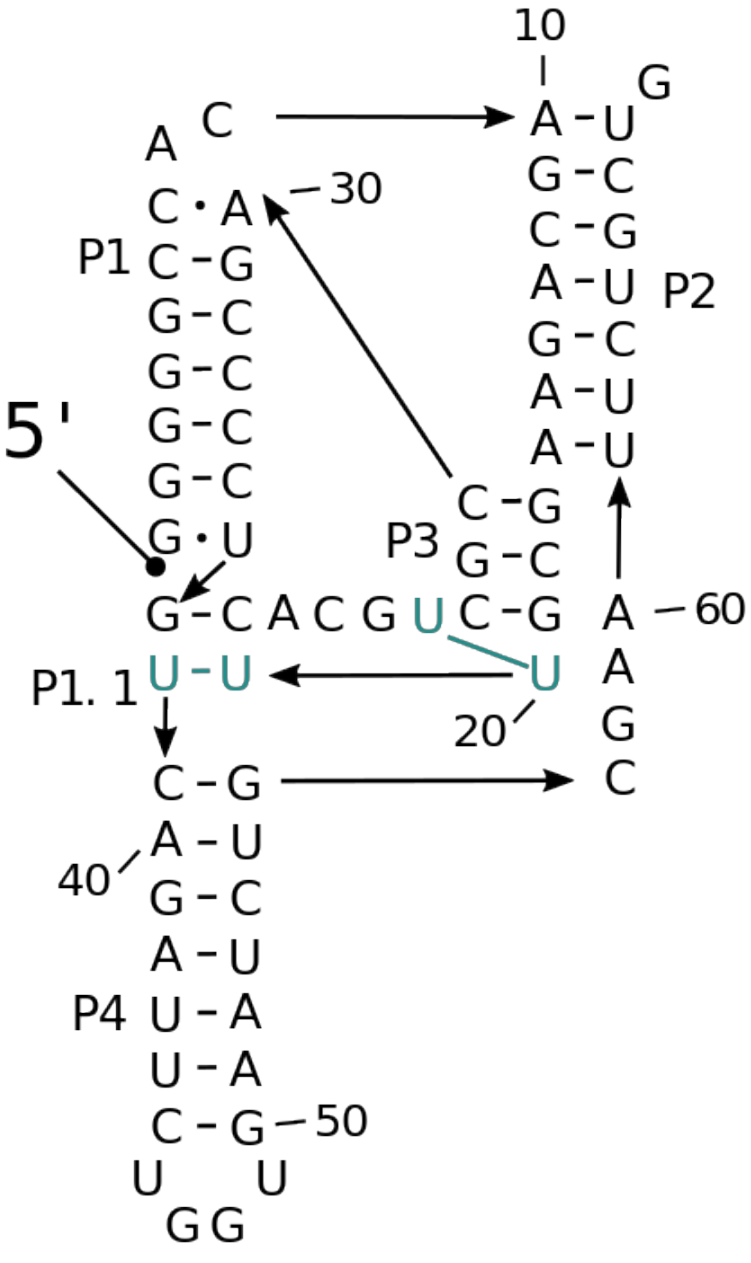
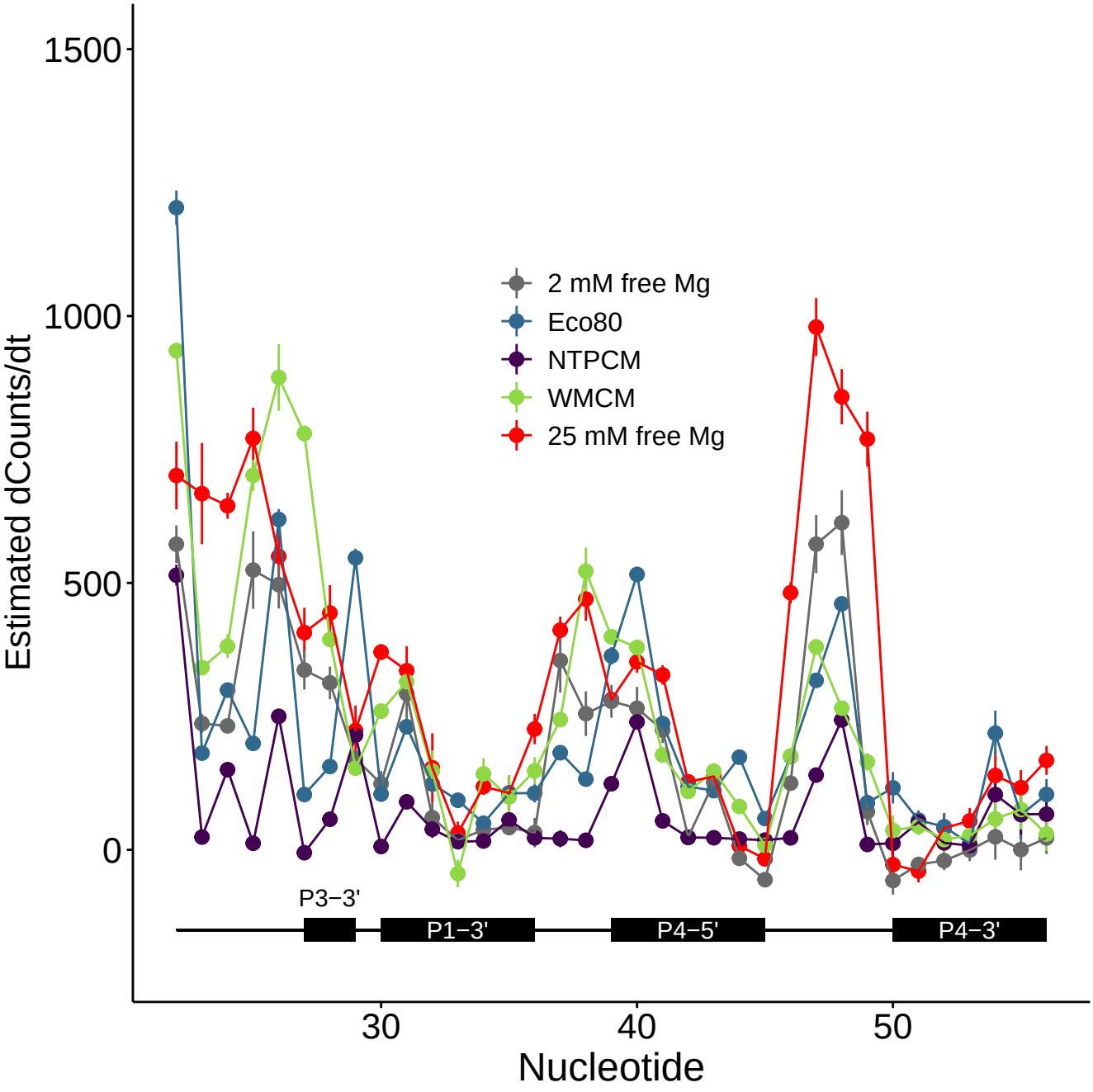
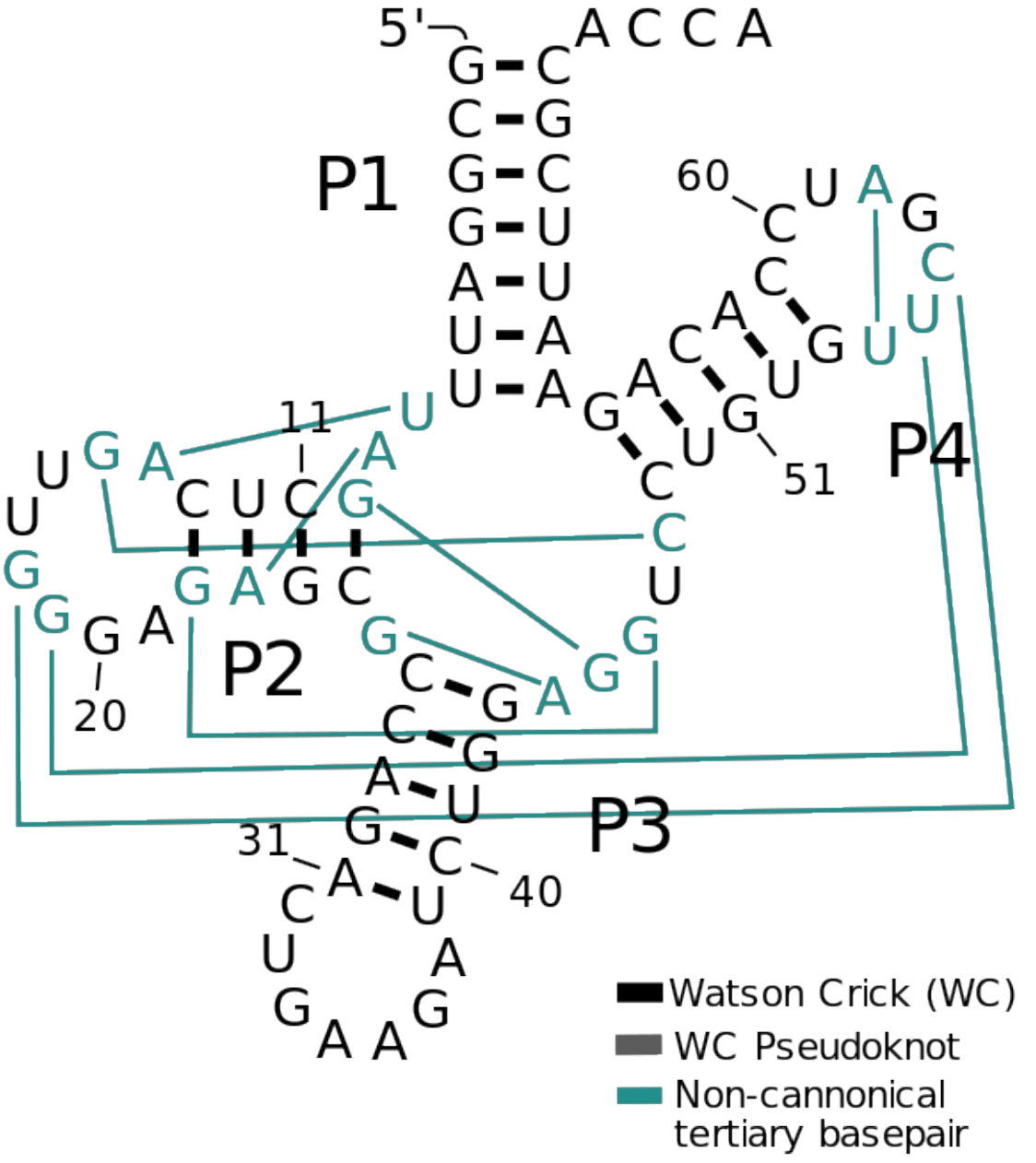
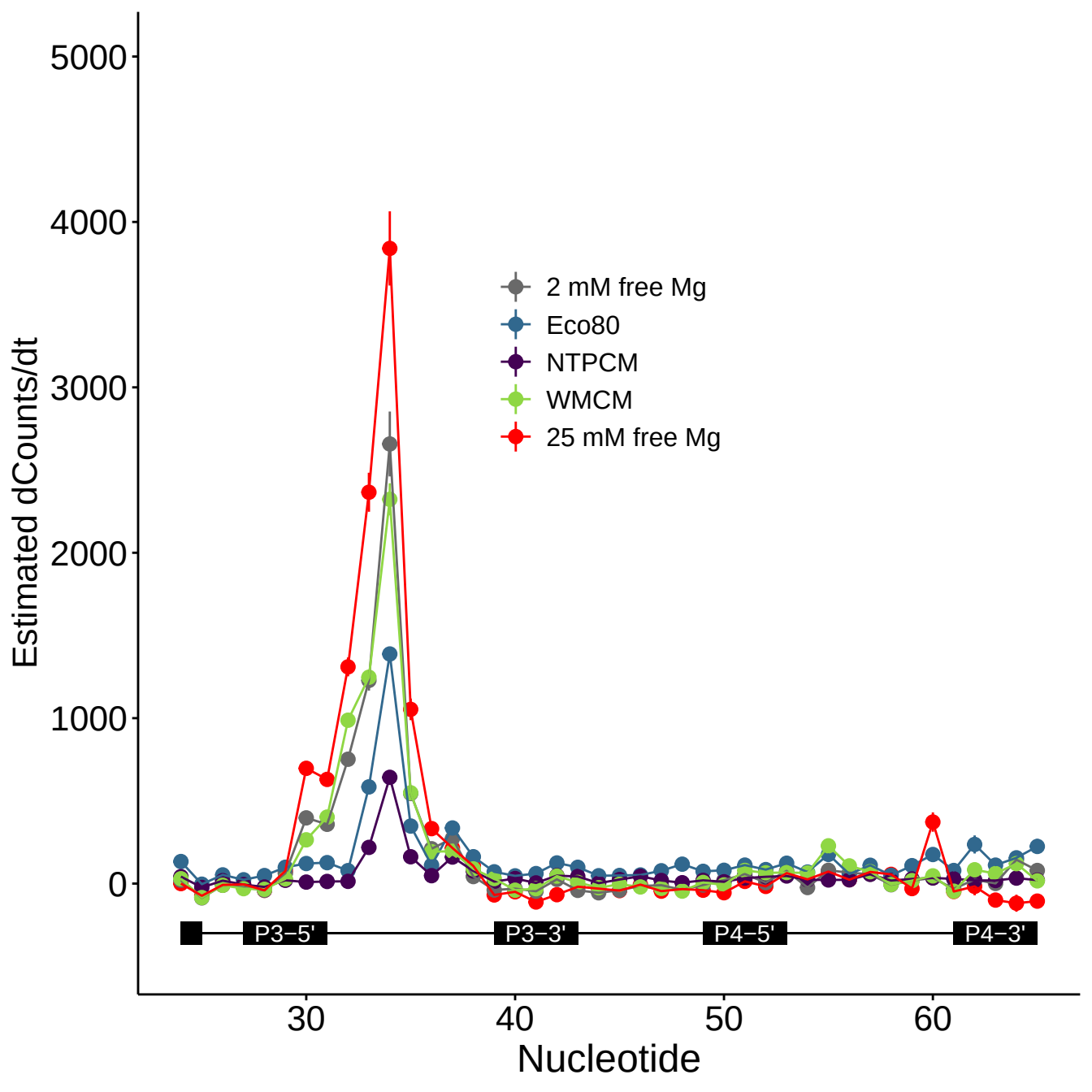

10
G
A C
A-U
G-C
C·A
30
C-G
P1 C-G
A-U P2
G-C
G-C
G-C
A-U
5'
G-C
A-U
G-C
C-G
G·U
P3 G-C
G-C A C G U C-G A
60
P1. 1 U-U
U A
20
G
C-G C
A-U
40
G-C
A-U
P4 U-A
U-A
C-G
50
U U
G G


1500
1000
500
0
Estimated dCounts/dt
2 mM free Mg
Eco80
NTPCM
WMCM
25 mM free Mg
P3−3'
P1−3'
P4−5'
P4−3'
30
40
50
Nucleotide


5'
A C C A
P1
P2
P3
P4
11
20
31
40
51
60
Watson Crick (WC)
WC Pseudoknot
Non-cannonical tertiary basepair


5000
4000
3000
2000
1000
0
Estimated dCounts/dt
2 mM free Mg
Eco80
NTPCM
WMCM
25 mM free Mg
P3−5'
P3−3'
P4−5'
P4−3'
30
40
50
60
Nucleotide