```
\          /
  C      G
  A      U
  G      C
30 G     C 40
  G      C
C          A
U        t6 A
  C  A   U
     35
```

yeast $tRNA_i^{Met}$

```
\          /
  C      G
  A      U
  U      A
30 C     G 40
  A      ψ
C          A
U        t6 A
ac4 C  A   U
       35
```

E. coli $tRNA_m^{Met}$

```
5′         3′
25 G     C 45
  G      C
  C      G
  A      U
  G      C
30 G     C 40
  G      C
C          A
U          A
  C  A   U
     35
```

ITALY2

```
5′         3′
25 G     C 45
  G      C
  C      G
  A      U
  U      A
30 C     G 40
  A      U
C          A
U          A
  C  A   U
     35
```

METAL2

Figure 2.2.1: Initiator and elongator tRNA anticodon stem−loops in nature and in the versions studied in this work. Constructs are numbered to match the parent tRNAs.