

Supplemental Figure 1

Unconserved NDT80 Sites

YBR255C-A

```
SCer  A-GCAGCAGTTTTTGTGTCGTTGGTATTTA
SPar  G-ATAGCGGTTTCTGTGTTGTTG-TATTTA
SMik  GTTTAT-AGTTTCTGTGTTGTTG-TATTCA
      *   ****   *****   *****   *
```

TRM8

```
SCer  TTTATTAAAGCGCCACA-AAAGCT-GG-ATT
SPar  ATTATTGA-GTGCTACA-AGACCTCGA-ATT
SMik  GTTTTCAAAGTACCAAATAAACCTTTG-GCT
      ** *   * *   * *   * *   * *   *
```

HXK2

```
SCer  ATAAACCGGACGGCACAAA--AAAATCGAAGA
SPar  -----GACGGCATTA--AAAATGGAAGA
SMik  AAAAAATCGGACGGCACCAACAAAAATCGAAGA
      *****   **   *****   *****
```

URA4

```
SCer  ATTTTAAAAATTTTGTGGCGCCGTCAAAAT
SPar  CGCCTAAAGATCTAGTAGCGCTGCCAAAGT
SMik  TTGTCGATAATTGGCTCCCAATTAGAACAT
      *   **   *   *   **   *
```

YMR111C

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SCer  AACTTCTCGATGGCACAAAATGTAGTCTTC
SPar  AACTTCTCAATGACAGAAAAATATATTCCTC
SMik  ATCTTCTCAACGACCCGAGATAGAGTGCTC
      *   *****   * *   *   *   *
```

The 5 unconserved Ndt80 sites are shown along with the orthologous sequences in *S. paradoxus* and *S. mikatae*. 10 nucleotides flanking the 5' and 3' ends of the TFBS are also shown. The Ndt80 sites are highlighted in yellow.