

# Converting Alignment

To convert an alignment from DNA to RNA or from RNA to DNA alphabet use the *Advanced Convert to RNA (TU)* context menu or use the General tab of Options Panel:

The screenshot shows the BioEdit software interface with a sequence alignment window and an open Options Panel.

**Sequence Alignment Window:** Displays a sequence alignment between two DNA strands. The top strand is labeled "CAAATTTATAATGT+ATTtgTTtAC". The bottom strand is labeled "CAAATTTCACAATGTTATTGTCAC". The alignment is color-coded by nucleotide: C (green), A (yellow), T (pink), and G (blue). A vertical scale bar on the right indicates positions 60 to 82.

**Options Panel (General Tab):**

- Reference sequence:** A dropdown menu labeled "Select and add".
- Alignment info:**
  - Alphabet: Standard DNA
  - Length: 604
  - Sequences: 18
- Consensus mode:**
  - Consensus type: Default
  - Threshold: 100%
- Copy (custom format):** A dropdown menu showing:
  - Convert to RNA alphabet (T->U) (highlighted)
  - Build HMMER2 profile
  - Build HMMER3 profile
- Sort sequences:** A button.

**Context Menu (Advanced Option):** Shows a list of options:

- Appearance
- Navigation
- Add
- Copy/Paste
- Edit
- Sort
- Align
- Tree
- Statistics
- Export
- Advanced (selected)
- Set this sequence as reference
- Consensus mode...