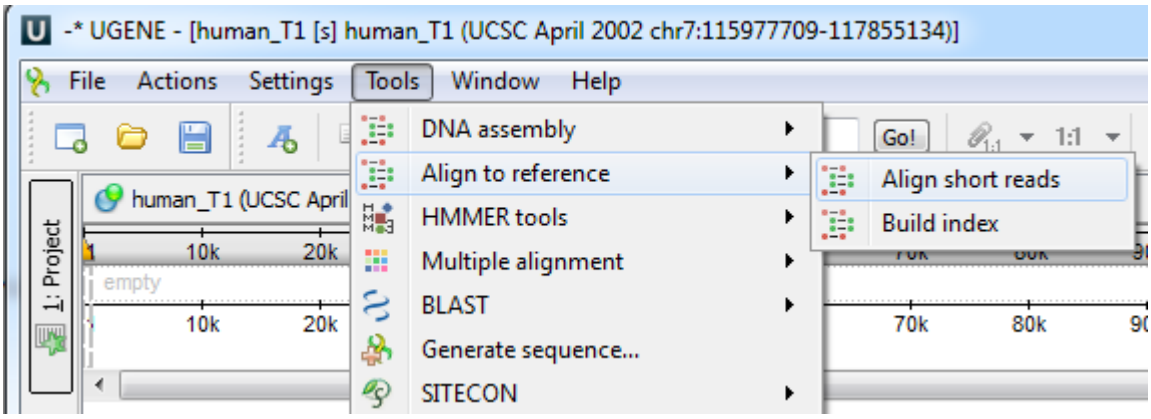
Bowtie 2

Bowtie 2 is a popular ultrafast and memory-efficient tool for aligning sequencing reads to long reference sequences. Click this link to open *Bowtie 2* homepage. *Bowtie 2* is embedded as an *external tool* into UGENE.

Open *Tools* *Align to reference* submenu of the main menu.



Select the *Align short reads* item to align short reads to a DNA sequence.

Or select the *Build index* item to build an index for a DNA sequence which can be used to optimize aligning of the short reads to the sequence:

- Bowtie 2 Aligning Short Reads
- Building Index for Bowtie 2