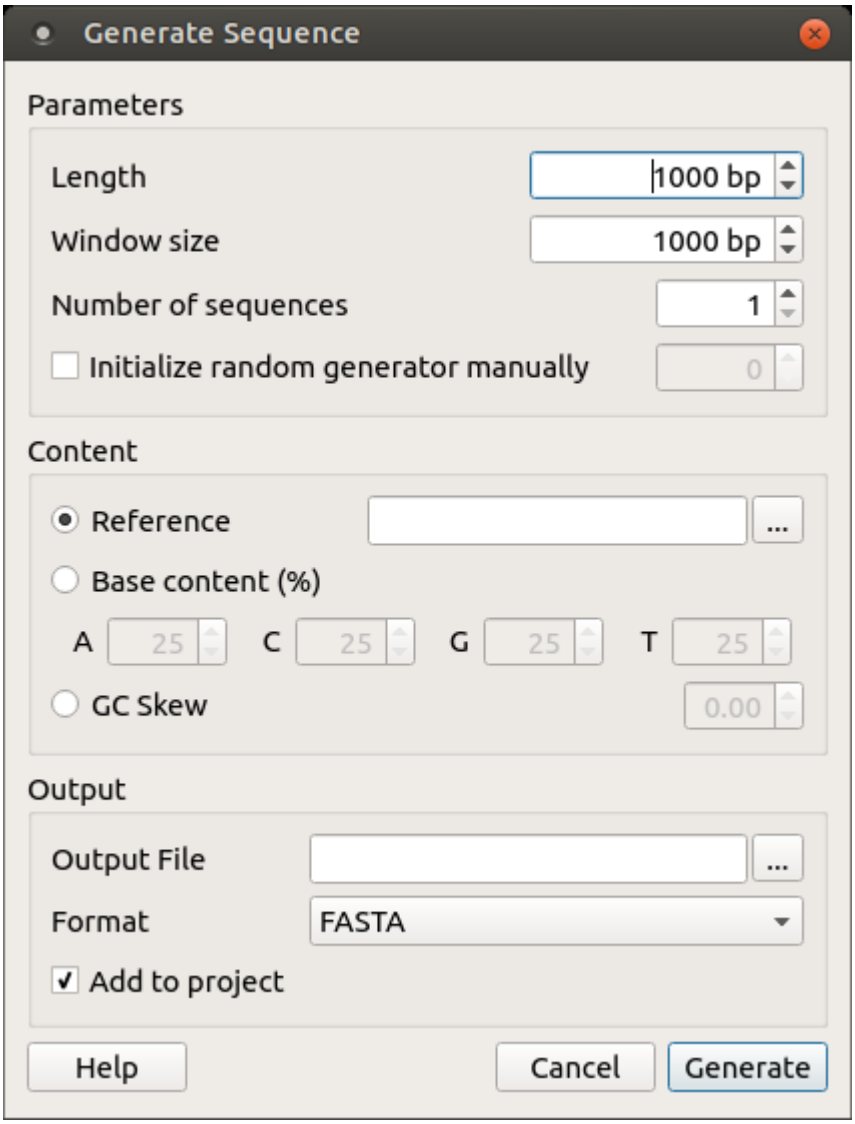
DNA Generator

DNA sequence generator is a tool that generates a random DNA sequence with specified nucleotide content. To generate a random DNA sequence select the *Tools->Generate* sequence item in the main menu. The dialog will appear:



The following parameters are available:

Length - length of the resulted sequence(s) (using '1000' bp by default).

Window size - the size of a window where set content (using '1000' by default).

Number of sequences - the number of sequences to generate (using '1' by default).

Initialize random generator manually - value to initialize the random generator.

Reference - path to the reference file (could be a sequence or an alignment).

Base content - set the base content percents manually.

GC Skew - set the GC skew of the resulted sequence.

Output file - output file.

Format - output file format (using 'fasta' by default).

Add to project - adds the generated sequence(s) to project.

Once the *Search* button has been pressed, the sequence(s) are created.