4.3 - Fragmentation

Parameters

Parameter Name	Default Value	Parameter Range	Description
FRAGMENTATION	true	{true,false}	switches fragmentation on/off
FRAG_METHOD	UR	{NB,UR,EZ}	select the nebulization (NB), uniform-random fragmentation (UR), or enzymatic digestion (EZ) model
FRAG_SUBSTRATE	RNA	{RNA,DNA}	select whether fragmentation is carried out before (RNA) or after (DNA) reverse transcription
LIB_FILE_NAME			the file from which fragments are read, and to which new fragments are written

Overview

Timepoint (FRAG_SUBSTRATE) and nature (FRAG_METHOD) of the fragmentation have to be chosen. Specific parameters then are required for each of the simulated fragmentation processes.

Details

4.3.1 - RNA Hydrolysis

4.3.2 - DNA Nebulization

4.3.3 - DNA Digestion