PAR - Parameters

The PAR format in the Flux Capacitor is used to administrate all parameters of a run. It is a simple format containing key value pairs (one per line) with the following parameter names (i.e., keys):

File Locations

Key	Type	Default Value	Description
ANNOTATION_FILE	String		Path to the GTF reference annotation, either absolute or relative to the location of the parameter file
COVERAGE_FILE	String		Path to the file to which coverage profiles are stored; used only if COVERAGE_STATS is true
INSERT_FILE	String		Path to the file for output of inserts
KEEP_SORTED	String		Path to the directory where sorted file have to be stored in case of unsorted input files (ANNOTATION_FILE, MAPPING_FILE or both)
MAPPING_FILE	String		Path to the BED file containing the all the mappings.
PROFILE_FILE	String		Path to the file for outputting profiles
STATS_FILE	String		Path to the file to which the run characteristics are written
STDERR_FILE	String		Path to the file for log messages
STDOUT_FILE	String		Path to the file for default output
TMP_DIR	String	$TMP_DIR	Temporary directory, can also be specified by the environment variable $TMP_DIR.

Output

Key	Type	Default Value	Description
COVERAGE_STATS	Boolean	false	Flag to output coverage statistics
STATS_FILE_APPEND	Boolean	false	Append to the stats file. This adds results from this run to an existing capacitor stats file.

Input

Key	Type	Default Value	Description
SORT_IN_RAM	Boolean	true	Sort reads in RAM memory, not on disk
READ_DESCRIPTOR	String	{ID}	Expression how to parse the read IDs, or one of the following shorthand names: `ANTISENSE, STRAND_MATE, BARNA, MATE2_SENSE, MATE1_SENSE, MATE_STRAND_CSHL, SENSE, SIMULATOR, PAIRED, SIMPLE, CASAVA18`
NR_READS_MAPPED	Int	-1	The number of reads mapped
ANNOTATION_MAPPING	String	`SINGLE`	Information from the read descriptor that will be used for annotation mapping: `AUTO, PAIRED, STRANDED, SINGLE, COMBINED`

Task

Key	Type	Default Value	Description
NO_DECOMPOSE	Boolean	false	Avoid running deconvolution step on the dataset
COUNT_ELEMENTS	List	[]	Count elements specified in the list: `SPLICE_JUNCTIONS, INTRONS`