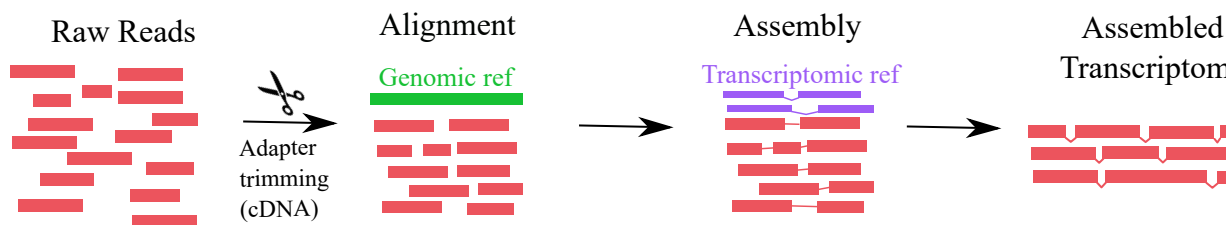


Dataset	Flow cell & Library kit	Molecules
SEQUINS - Mix A	- R9 + LSK109 - R9 + RNA002 - R10 + LSK114 - RP4 + RNA004	cDNA dRNA cDNA dRNA
SIRVs - set 4	- R10 + LSK114	cDNA

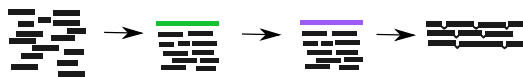
## Bioinformatic steps



## Assembling strategies & tools

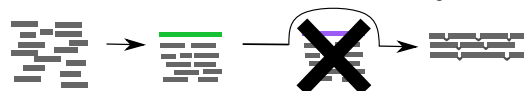
### Guided

Bambu ; Flair ; FLAMES ; isoQuant ; Stringtie2 ; Talon



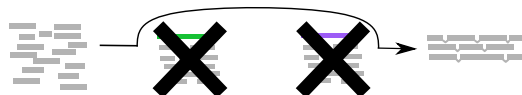
### De novo

Bambu-noRef ; Flair-noRef ; isoQuant-noRef ; Stringtie2-noRef



### Ab initio

isONclust ; isONclust 2 ; RATTLE ; RNAbloom ; RNAbloom 2



## Evaluation

GFFcompare

SQANTI3

Transcript Classification	Reference Transcript	GFFcompare Class codes	SQANTI3 Classification
Novel transcript		u (or unknown)	Interge
True positive (TP)		= (or complete) c (or contained in ref.)	Full Splice M Incomplete Spli (except intro