

Highlights of the upcoming GENEVESTIGATOR® Autumn Release

- ▶ For this release we implemented several major updates for improved performance and extended capabilities:

Item	Current Version	Autumn Release
Data Processing	RSEM (human) / Salmon (mouse)	Salmon (human and mouse)
Reference Transcriptome	Ensembl r. 75, GRCh37 (human)	Ensembl r. 97, GRCh38 (human)
	Ensembl 88, GRCm38.p5 (mouse)	Ensembl 88, GRCm38.p5 (mouse)
Platform(s)	All RNA-Seq data in one platform (not separated) for both human and mouse, respectively	Studies will be split according to library types: <ul style="list-style-type: none">• mRNA-Seq platform featuring polyA and 3' end protocols• TotalRNA-Seq platform including ribo-zero and similar library preparations which preserve non-coding RNA

▶ Advantages and Consequences

- Improved gene mapping for human studies using an updated reference transcriptome
- Possibility to analyze non-coding RNA in GENEVESTIGATOR® for human and mouse
- Described changes may impact your analyses. NEBION therefore advises users to complete all ongoing analyses before the update takes place (around end of October)