




BULK RNA SEQUENCING SERVICE
BIOINFORMATICS SUPPORT

	ANALYSIS (CATEGORY)	QC	Quantification	Differential Expression Analysis	Enrichment Analysis	GSEA
	ANALYSIS (SUB-ENTRIES)	QC report	Gene expression distribution Principle Component Analysis Correlation Analysis	Differential gene list Diff. gene volcano plot Diff. gene clustering Hierarchical Clustering	GO functional annotation KEGG pathway enrichment analysis	Gene set enrichment analysis
	OUTPUT	CeleSCOPE (assay: bulk_rna)	Boxplot PCA plot Heatmap (all vs all)	Table (between 2 samples only) Volcano plot (between 2 samples only) Heatmap (all genes) with cluster dendrogram Spaghetti plot	Visualization freely chosen from: Barplot Dotplot Heatplot Lollyplot Mapplot Netplot Treeplot Upsetplot	Visualization freely chosen from: Barplot Dotplot Heatplot Lollyplot Mapplot Netplot Treeplot Upsetplot

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Contact us at info@singleron.bio for more