



GenEx comes in three packages: Standard, which has all features for basic analyses, Professional which also includes classification methods, and Enterprise, which has all functionalities including advanced expression profiling analyses. The features available in the three packages are indicated below.

	Standard	Professional	Enterprise
Pre-processing of Data			
Interplate Calibration	✓	✓	✓
PCR Efficiency Correction	✓	✓	✓
Normalize to Sample Amount	✓	✓	✓
Normalize to Reference Genes/Samples	✓	✓	✓
Normalize Technical Replicates (e.g. qPCR, RT)	✓	✓	✓
Normalize to Spike	✓	✓	✓
Missing Data Handling & Primer-dimer Correction	✓	✓	✓
Relative Quantities & Fold Changes	✓	✓	✓
Finding Optimal Reference Genes			
geNorm	✓	✓	✓
NormFinder	✓	✓	✓
Plots			
Scatter Plots	✓	✓	✓
Line Plots	✓	✓	✓
Bar Plot	✓	✓	✓
Box and Whiskers Plot	✓	✓	✓
Principal Component Analysis			
PCA		✓	✓
P-Curve			✓
Cluster Analysis			
Hierarchical Clustering/Dendrogram	✓	✓	✓
Heatmap Analysis		✓	✓
Networks			
Selforganizing Map (SOM)		✓	✓
Artificial Neural Network (ANN)			✓
Support Vector Machine (SVM)			✓
Regression Analysis			
Standard Curve	✓	✓	✓
Reverse Calibration		✓	✓
Limit of Detection (LOD)		✓	✓
Partial Least Square (PLS)			✓
3-way Analysis			
Trilinear Decomposition			✓
Statistics			
Descriptive Statistics	✓	✓	✓
Parametric t-tests	✓	✓	✓
Non-parametric tests	✓	✓	✓
One-way ANOVA	✓	✓	✓
Two-way ANOVA		✓	✓
Nested ANOVA		✓	✓
Correlation			
Spearman Rank Correlation Coefficient	✓	✓	✓
Pearson Correlation Coefficient	✓	✓	✓
Experimental design			
Sample Size		✓	✓
Experimental Design Optimization			✓