

Pre-Processing of Data	GenEx™ 7.0 Standard	GenEx™ 7.0 Professional	GenEx™ 7.0 Enterprise
Interplate Calibration	X	X	X
PCR Efficiency Correction	X	X	X
Normalize to Sample Amount	X	X	X
Normalize to Reference Genes/Samples	X	X	X
Normalize to Technical Replicates(e.g qPCR, RT)	X	X	X
NormFinder Normalization	X	X	X
Normalize to Spike	X	X	X
Missing data Handling & Primer-dimer Correction	X	X	X
ValidPrime	X	X	X
RT-Correction	X	X	X
Test for Outliers	X	X	X
Negative Control	X	X	X
Internal amplification control	X	X	X
Expression Profiles (Line plot)	X	X	X
Gene Quality (Bar plot)	X	X	X
Hemolysis plot		X	X
Spread of genes (Boxplot)	X	X	X
Relative Quantities & Fold Changes	X	X	X
Finding Optimal Reference Genes	GenEx™ Std.	GenEx™ Pro.	GenEx™ Ent.
geNorm	X	X	X
NormFinder	X	X	X
Plots	GenEx™ Std.	GenEx™ Pro.	GenEx™ Ent.
Scatter plots	X	X	X
Line plots	X	X	X
Bar Plot	X	X	X
Box and Whiskers Plot	X	X	X
Principal Component Analyses (PCA)	GenEx™ Std.	GenEx™ Pro.	GenEx™ Ent.
PCA		X	X
P-Curve			X
Dynamic PCA			X
Cluster Analyses	GenEx™ Std.	GenEx™ Pro.	GenEx™ Ent.
Hierarchical Clustering/Dendrogram (HCA)	X	X	X
Heatmap Analysis		X	X
Networks	GenEx™ Std.	GenEx™ Pro.	GenEx™ Ent.

Selforganizing MAP (SOM)		X	X
Artificial Neural Network (ANN)			X
Support Vector Machine (SVM)			X
Regression Analysis	GenEx™ Std.	GenEx™ Pro.	GenEx™ Ent.
Standard Curve	X	X	X
CLSI EP6- Linearity test			X
Reverse Calibration		X	X
Limit of Detection (LOD)		X	X
Partial List Square			X
Limit of Quantification (LOQ)			X
Statistics	GenEx™ Std.	GenEx™ Pro.	GenEx™ Ent.
Descriptive Statistics	X	X	X
Parametric t-tests	X	X	X
Non-parametric tests	X	X	X
One-way ANOVA	X	X	X
Two-way ANOVA		X	X
Nested ANOVA		X	X
Repeated Measures (ANOVA)		X	X
Histogram		X	X
Boxplot Groups	X	X	X
Correlation	GenEx™ Std.	GenEx™ Pro.	GenEx™ Ent.
Spearsman Rank Correlation Coefficient	X	X	X
Pearson Correlation Coefficient	X	X	X
Scatter plot (Samples, Genes, Groups)	X	X	X
Experimental Design	GenEx™ Std.	GenEx™ Pro.	GenEx™ Ent.
Sample Size		X	X
Experimental Design Optimization			X
Diagnostics	GenEx™ Std.	GenEx™ Pro.	GenEx™ Ent.
Survival Analyse			X
ROC Analyse			X
Quality Control	GenEx™ Std.	GenEx™ Pro.	GenEx™ Ent.
Uniformity test			X
CLSI EP5-A Eval of Precision Performance			X
CLSI EP15-A2 User Verification of Performance for Precision and Trueness			X
3-Way	GenEx™ Std.	GenEx™ Pro.	GenEx™ Ent.
3-Way Analyse			X