Genetic Characterization Service for Clone Selection

Super expedited

6 cell samples containing vector XXXX transfected using transposon system

Prepared for:	Company name Company address
Customer name:	Name Position within company Email address
Internal project number:	XXX
Quote number:	XXX
Version:	1
Date:	

Goal

In this study, 6 transgenic cell samples with the vector XXX sequence were analyzed.

The aim of this analysis was to:

1. Determine the presence of sequence variants in the integrated vector sequence.
2. Evaluate if the backbone of the vector also integrated in the genome.
3. Identify vector integration site(s) and determine sister clones.

An overview of the TLA technology and technical details of the performed analyses is provided in the manual "Introduction to the terminology and methods used in transgene & integration site TLA analyses & ddPCR_v3".

Summary

Sample	Sequence variant present in integrated vector sequence	If Yes, Annotation	Position	mutation	%	Backbone Integration	Similar to other clones
Clone 1							
Clone 2							
Clone 3							
Clone 4							
Clone 5							
Clone 6							

QC information

Sample and Study details

Sample receipt date
Condition of sample at receipt
Start date in the lab
Sequencing run
Date data analysis
Deviations from the protocol
TLApp version:

Study Personnel

Lab technician
Data Analyst
QC Analysis and Report

Quality control

The results are independently verified and reviewed and are an accurate and complete representation of the study. The scope of accreditation for ISO/IEC 17025:2017, accredited by the Dutch Accreditation Council RvA, Registration number L671, entails all analytical services including: determination of the integrity of the transgene vector sequence; determination of the vector integration site(s) next generation sequencing (NGS) and bio-informatic data analysis.

Scientific approval

Date

Signature