ISO/TS 24932:2026-08 (E)

Genomics informatics - Procedures for gene expression panel-based similarity calculation for human pluripotent stem cell-derived organoids

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Procedures for gene data processing 3
4.1 Configuring data set from publicly available gene data source 3
4.2 Avoiding false-positive results 3
4.3 Configuring an organ specific gene expression panel 3
4.4 Construction of the algorithm method 5
4.5 RNA-seq production method 6
4.5.1 RNA-seq result generation 6
4.5.2 Minimum quality requirements for RNA-Seq data generation 6
4.5.3 Information management 6
4.6 RNA-seq result conversion method 6

Annex A (informative) Quantitative stomach similarity calculation for stomach organoid 8

Bibliography 12