Biomarker Intelligence

Analytics | Information | Insights | Reporting

	Standard SaaS Infrastructure	Standard DM Tools	Standard BI Tools	Advanced DM Tools	Assay-Specific Modules	Advanced Visualizations	Spotfire Integration	Advanced Analytics	QuartzBio Agent Intelligence
Fully validated platform that can support GDPR, 21 CFR Part 11 and GxP compliance	X								
SSO Integration with sponsor's IDP (e.g. Okta, Azure AD, …)	X								
QuartzBio managed deployment, maintenance and monitoring of all infrastructure	X								
Data security, compliance, user access management including full audit trail	X								
On-demand, automated, configurable data ingestion from vendors - Ingest data from EDCs (e.g. Medidata Rave, Veeva, Oracle Inform), central labs and specialty labs		X							
Access to source data from vendors - Data file viewer (.csv, .xlsx, .txt, .html, .pdf) - Generic image file viewer (.png, .jpg)		X							
Configurable organization of and access to raw and derived data sets		X							
Configurable data mapping engine to integrate data from various data owners - Configurable, no-code data mapper to integrate data from various data owners, vendors, systems without predefined format requirements		X							
Consolidated, centralized sample and biomarker metadata via mapping of data to standardized data model		X							
Automated, configurable Data Integrity Checks - Configure data checks to identify missing fields, invalid code lists or invalid data formats		X							
Global Data Search - Search and discover data slices across enterprise portfolio		X							
Project Documentation Module to centralize operational documents			X						
Dynamic user interface to query, visualize, and access data			X						
Assay QC Reports - Access assay technology (e.g. RNASeq, Nanostring, Proteomics) specific QC reports to assess data quality considering assay characteristics				X					
High Resolution IHC Image Viewer - View high resolution .tiff and .svg images without the need to download large files on your laptop					X				
Flow Cytometry Module - View raw flow cytometry data from .fcs files overlaid with gating strategy from FlowJo workspaces					X				
Mutation Module - Access your mutation data in a dedicated interface interconnected to public databases - Generate mutation heatmaps showing tumor mutational burden annotated with sample and subject metadata					X				
Advanced Visualizations - Gain access to advanced visualizations such as high-dimensional expression heatmaps, Volcano plots, swimmer and waterfall plots and clustering						X			
Spotfire Integration - Seamlessly access data from QuartzBio platform with natively integrated Spotfire explorer							X		
Advanced Analytics Module - Run correlation, Differential Expression, Principal Component, and Survival Analyses in a no-code, scalable analytics engine								X	
Generative AI (GAI)-enhanced BI Tooling									X
GAI-enhanced Data Management									X