

Procedure	Time for REVEAL: Reference	Our Manual Time	Your Time
Harmonize 227 HUGO feature names in TCGA data to Ensembl	<1 minute	2 days for expert bioinformaticist	?
Harmonize 225 CITEseq UniProt Ids in Satija's dataset to Ensembl	<1 minute	2 days for expert bioinformaticist	?

Platform Aspect	REVEAL Platform
Immediately available Population Scale Data	<p>Immediately available solution to centralize all single cell data</p> <p>Ease of use with low code</p> <p>Data management layer with schema tailored for fast retrieval and compute based on metadata and scalability to 100s of TBs of data</p>
Costs	<p>Predictable costs</p> <p>Domain expert workflows</p> <p>Extensible: Build your own workflows in Python or R</p>
Integration/ Interoperability	<p>APIs to retrieve data in a format that can be integrated with other data and return data in whatever formats are required by downstream analysis: e.g. data frames in python or R; parquet files, bioinformatic-specific formats</p> <p>Interoperable with flexFS and AI/ML packages</p>
Governance	<p>Integrated provenance, versioning, traceability, and logs</p> <p>SSO</p> <p>Granular, slice-level access control</p>
Public Data Sets	Publicly available datasets available pre-loaded for simplified validation