

Release Notes - ASAP CRN Cloud

Date: April 8, 2026

Overview:

In Q1 2026, CRN Cloud added 10 new datasets and increased the sample sources supported to include gastrointestinal tissue, liver tissue, fecal, and embryonic fibroblasts. This quarter also saw the addition of the first metagenomics data releases on CRN Cloud. Q1 2026 releases also included additional proteomics, bulk RNA-seq, single nucleus RNA-seq, and spatial transcriptomics datasets. These new datasets added 5,092 new samples across 684 new subjects, including 530 human donors (fecal, colon, and liver).

Users with an active account and valid Data Use Agreement (DUA) will have access to the latest data on [CRN Cloud](#). Instructions for applying for access can be found on pgs. 5-8 of the [CRN Cloud User Manual](#).

Quarter 1, 2026 - Release Updates:

Additions:

- Individual Datasets:

- Proteomics
 - (Team Alessi) [Golgi-IP, a tool for multimodal analysis of Golgi molecular content](#), DOI: [10.5281/zenodo.17355407](#)
 - (Team Alessi) [Quantitative DIA-based proteomic analysis of lysosomes \(Lyso-IP\) from VPS35\[D620N\] Mouse Embryonic Fibroblasts \(MEFs\) with LRRK2 inhibition](#), DOI: [10.5281/zenodo.18476410](#)
 - (Team Alessi) [Quantitative DIA-based proteomic analysis of lysosomes \(Lyso-IP\) from VPS35\[D620N\] Mouse Embryonic Fibroblasts \(MEFs\)](#), DOI: [10.5281/zenodo.18476408](#)
- Metagenomics
 - (Team Schapira) [Human fecal shotgun metagenomic sequencing in Parkinson's disease individuals, non-manifesting GBA1 variant carriers and healthy controls](#), DOI: [10.5281/zenodo.18353680](#)
 - (Team Sulzer) [Oral treatment of Thy1-ASO mice with Faecalibacterium prausnitzii](#), DOI: [10.5281/zenodo.18989559](#)
- BulkRNA-seq
 - (Team Lee) [Bulk RNA-seq analysis of the striatum in G2019S LRRK2 knockin](#)

- [mice under a specialized diet](https://doi.org/10.5281/zenodo.18273802), DOI: [10.5281/zenodo.18273802](https://doi.org/10.5281/zenodo.18273802)
- (Team Lee) [Bulk RNA-seq analysis of the liver in G2019S LRRK2 knockin mice](https://doi.org/10.5281/zenodo.18273810), DOI: [10.5281/zenodo.18273810](https://doi.org/10.5281/zenodo.18273810)
 - Single-nucleus RNA-seq
 - (Team Lee) [Single-nucleus RNA-seq analysis of the ventral midbrain in G2019S LRRK2 knockin mice under a specialized diet](https://doi.org/10.5281/zenodo.18273808), DOI: [10.5281/zenodo.18273808](https://doi.org/10.5281/zenodo.18273808)
 - Spatial CosMx
 - (Team Liddle) [Human Sigmoid Colon RNA CosMx Dataset](https://doi.org/10.5281/zenodo.17917788), DOI: [10.5281/zenodo.17917788](https://doi.org/10.5281/zenodo.17917788)
 - (Team Liddle) [Human Sigmoid Colon Protein CosMx Dataset](https://doi.org/10.5281/zenodo.17917771), DOI: [10.5281/zenodo.17917771](https://doi.org/10.5281/zenodo.17917771)

Feedback and Support:

If you have any feedback or questions regarding this release or the CRN Cloud platform in general, please feel free to reach out to us at cloud@parkinsonsroadmap.org. We are more than happy to address your inquiries and can arrange a call if needed!