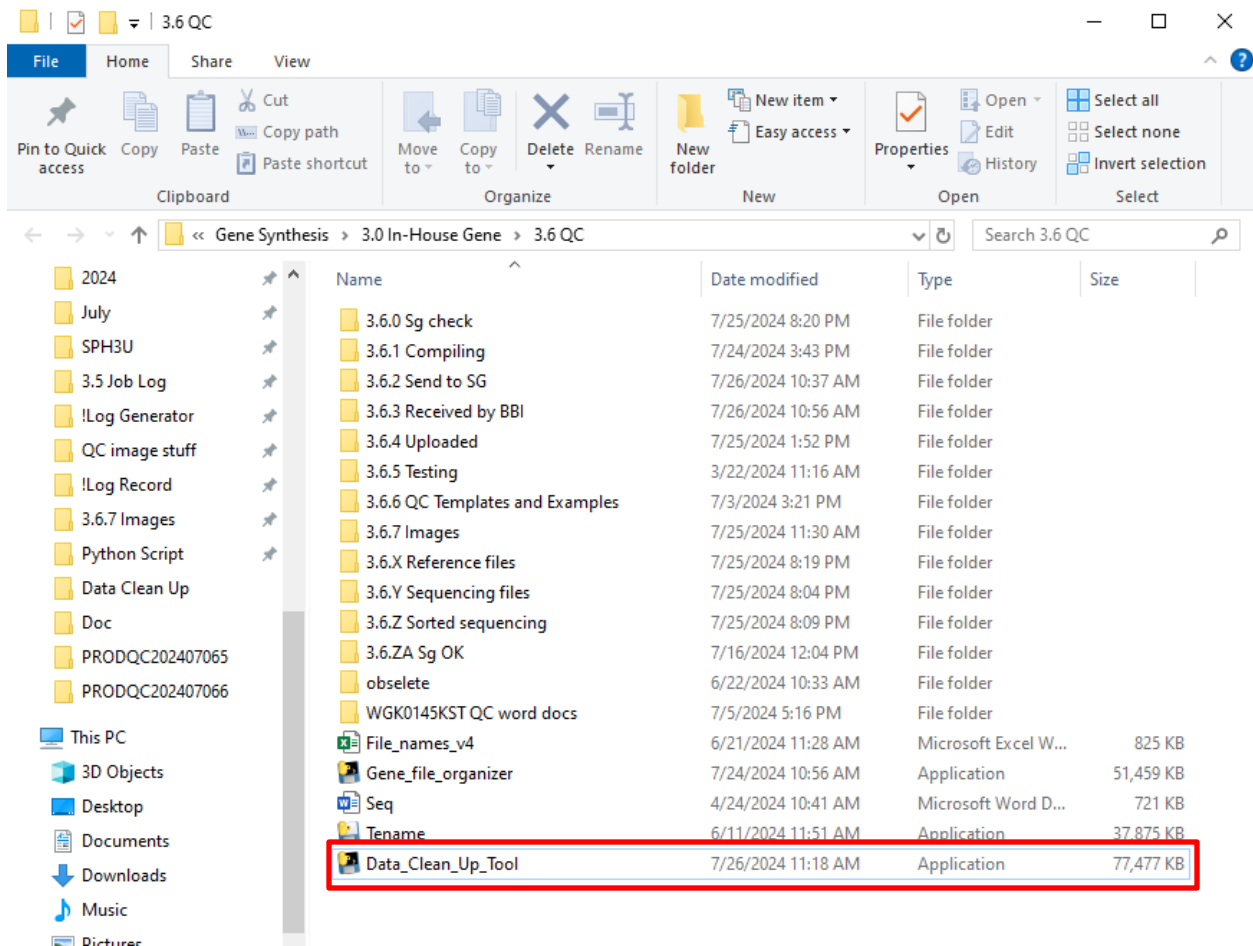


Data Clean Up Tool

Overview The Data Cleanup Tool is a graphical user interface (GUI) application designed to automate the process of organizing and cleaning up project-related data. It creates a record of completed projects, moves relevant folders, and generates cleanup records.

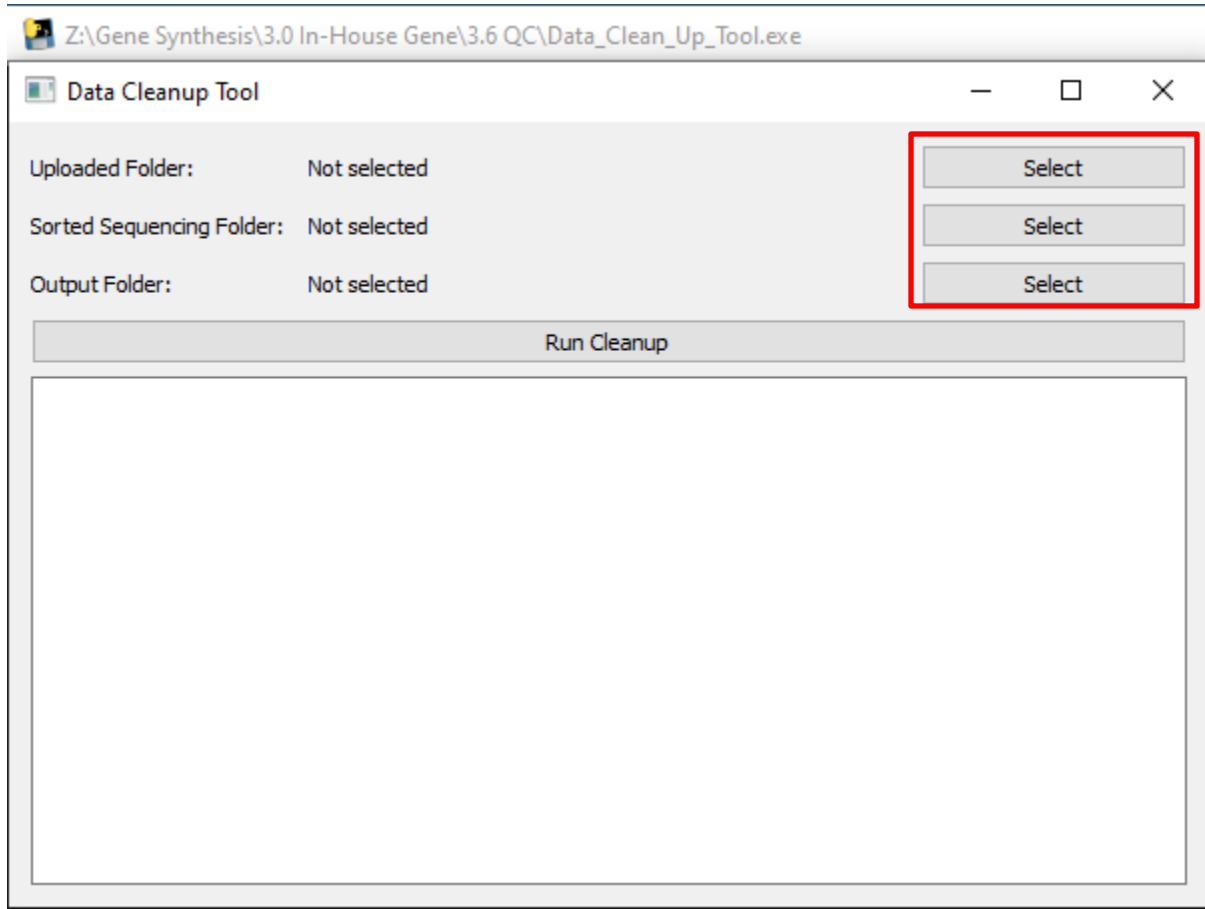
1. Open the tool

Path: Z:\Gene Synthesis\3.0 In-House Gene\3.6 QC



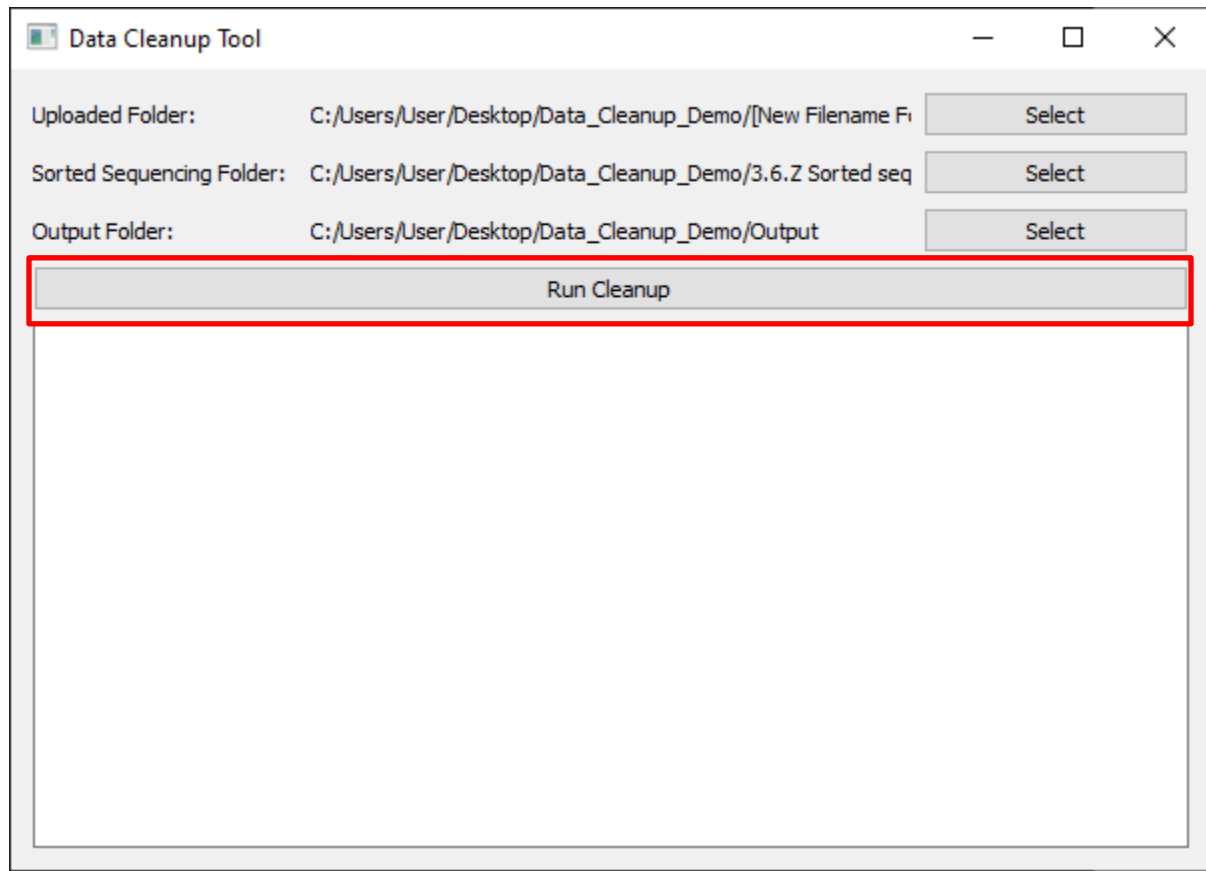
2. Select Folders

- **Uploaded Folder:** Click "Select" next to "Uploaded Folder" to choose the directory containing your uploaded ZIP files (completed projects).
- **Sorted Sequencing Folder:** Click "Select" next to "Sorted Sequencing Folder" to choose the directory containing your sorted sequencing data that needs to be cleaned up.
- **Output Folder:** Click "Select" next to "Output Folder" to choose the directory where you want the moved folders and output files to be saved




3. Run the Cleanup Process

After selecting all three folders, click the "Run Cleanup" button.



The cleanup process will start, and you'll see progress updates in the log area.

Wait for the process to complete. Do not close the application during this time.

 Data Cleanup Tool

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Uploaded Folder: C:/Users/User/Desktop/Data_Cleanup_Demo/[New Filename Fi

Select

Sorted Sequencing Folder: C:/Users/User/Desktop/Data_Cleanup_Demo/3.6.Z Sorted seq

Select

Output Folder: C:/Users/User/Desktop/Data_Cleanup_Demo/Output

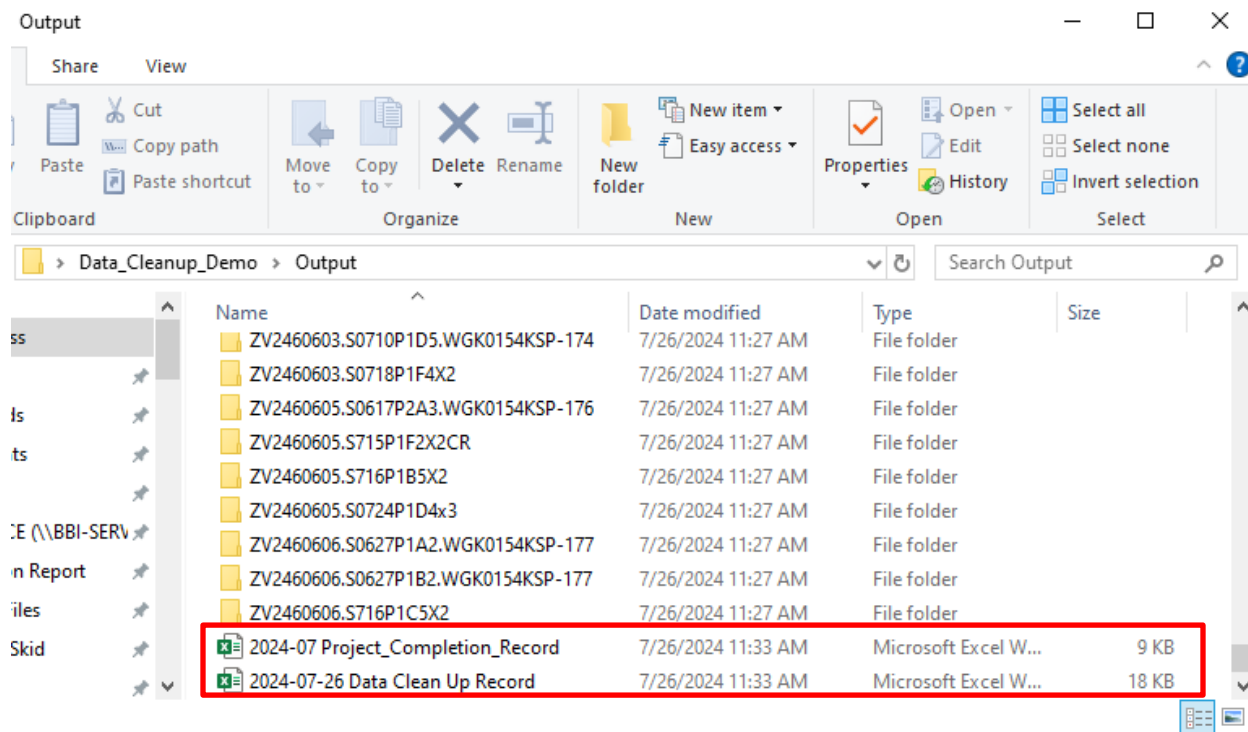
Select

Run Cleanup

Moved folder: ZV2460603.S0718P1F4X2 to C:/Users/User/Desktop/Data_Cleanup_Demo/
Output\ZV2460603.S0718P1F4X2
Moved folder: ZV2460605.S0617P2A3.WGK0154KSP-176 to C:/Users/User/Desktop/Data_Cleanup_Demo/
Output\ZV2460605.S0617P2A3.WGK0154KSP-176
Moved folder: ZV2460605.S0724P1D4x3 to C:/Users/User/Desktop/Data_Cleanup_Demo/
Output\ZV2460605.S0724P1D4x3
Moved folder: ZV2460605.S715P1F2X2CR to C:/Users/User/Desktop/Data_Cleanup_Demo/
Output\ZV2460605.S715P1F2X2CR
Moved folder: ZV2460605.S716P1B5X2 to C:/Users/User/Desktop/Data_Cleanup_Demo/
Output\ZV2460605.S716P1B5X2
Moved folder: ZV2460606.S0627P1A2.WGK0154KSP-177 to C:/Users/User/Desktop/Data_Cleanup_Demo/
Output\ZV2460606.S0627P1A2.WGK0154KSP-177
Moved folder: ZV2460606.S0627P1B2.WGK0154KSP-177 to C:/Users/User/Desktop/Data_Cleanup_Demo/
Output\ZV2460606.S0627P1B2.WGK0154KSP-177
Moved folder: ZV2460606.S716P1C5X2 to C:/Users/User/Desktop/Data_Cleanup_Demo/
Output\ZV2460606.S716P1C5X2
Creating cleanup record...
Cleanup record created at: C:/Users/User/Desktop/Data_Cleanup_Demo/Output\2024-07-26 Data Clean Up
Record.xlsx
Cleanup process completed.

4. Check the results

The Data Cleanup Tool generates two main outputs:



1. Project Completion Record (Excel file)

- File name format: YYYY-MM Project_Completion_Record.xlsx
- Contains: File names, creation dates, and work numbers of all ZIP files in the Uploaded Folder
- Location: Output Folder

	A	B	C
1	File Name	Date Created	Work Number
2	WGK0154KSP_part 1.zip	2024-07-26 11:27:34	WGK0154KS
3	ZV2460430.WGK0154KSP-001 in ELN197611-1 2024-07-10.zip	2024-07-26 11:27:35	ZV2460430
4	ZV2460431.WGK0154KSP-002 in ELN197611-1 2024-07-10.zip	2024-07-26 11:27:35	ZV2460431
5	ZV2460432.WGK0154KSP-003 in ELN197611-1 2024-07-10.zip	2024-07-26 11:27:35	ZV2460432
6	ZV2460433.WGK0154KSP-004 in ELN197611-1 2024-07-10.zip	2024-07-26 11:27:35	ZV2460433

2. Data Clean Up Record (Excel file)

- File name format: YYYY-MM-DD Data Clean Up Record.xlsx
- Contains two sheets:
 - "Moved Folders": List of folders moved during the cleanup process, including original and new paths
 - "Summary": Date of cleanup and total number of folders moved
- Location: Output Folder

	A	B	C	D
1	Folder Name	Original Path	New Path	Date Moved
2	ZV2460430.S0628P1A1.WGK0154KSP-001	C:/Users/User/Desktop/Data_Cleanup_Demo/3.6.Z Sorted	C:/Users/User/Desktop/Data_Cleanup_Demo/Output/ZV2460430.S0628P1A1.WGK0154KSP-001	2024-07-26 11:33:37
3	ZV2460430.S0628P1B1.WGK0154KSP-001	C:/Users/User/Desktop/Data_Cleanup_Demo/3.6.Z Sorted	C:/Users/User/Desktop/Data_Cleanup_Demo/Output/ZV2460430.S0628P1B1.WGK0154KSP-001	2024-07-26 11:33:37
4	ZV2460430.S0705P1B1.WGK0154KSP-001	C:/Users/User/Desktop/Data_Cleanup_Demo/3.6.Z Sorted	C:/Users/User/Desktop/Data_Cleanup_Demo/Output/ZV2460430.S0705P1B1.WGK0154KSP-001	2024-07-26 11:33:37
5	ZV2460430.S0705P1D1.WGK0154KSP-001	C:/Users/User/Desktop/Data_Cleanup_Demo/3.6.Z Sorted	C:/Users/User/Desktop/Data_Cleanup_Demo/Output/ZV2460430.S0705P1D1.WGK0154KSP-001	2024-07-26 11:33:37
6	ZV2460430.S0717P1A3X2S	C:/Users/User/Desktop/Data_Cleanup_Demo/3.6.Z Sorted	C:/Users/User/Desktop/Data_Cleanup_Demo/Output/ZV2460430.S0717P1A3X2S	2024-07-26 11:33:37