

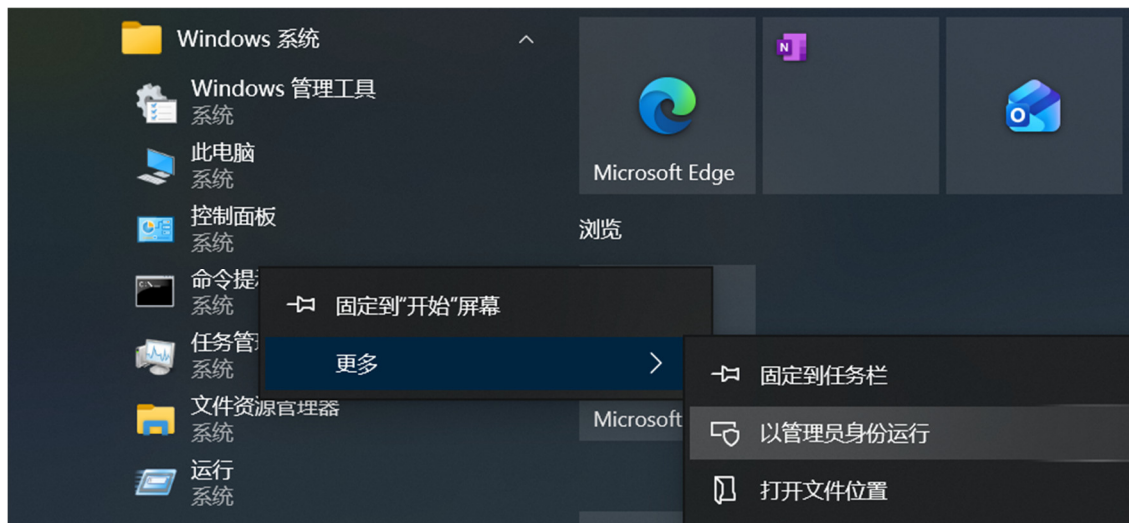
## Using OTTER on Windows PC

### 1. Download the OTTER\_Windows\_2026 All-in-One package from the following network disk:

Network Disk Address: <https://pan.baidu.com/s/1I3hxQqy6SKV8DxCrFPK4kQ?pwd=ueyb>

### 2. Run OTTER in the command-line mode on Windows PC.

**Step 1,** Enter the command-line mode on Windows PC, and Run as Administrator.



**Step 2,** Download the compressed package from the network disk and unzip it to the root directory of disk D, as the D:/OTTER\_2026 folder.

```
管理员: 命令提示符
Microsoft Windows [版本 10.0.19045.6456]
(c) Microsoft Corporation. 保留所有权利。

C:\Windows\system32>D:
D:\>cd OTTER_2026
D:\OTTER_2026>dir
驱动器 D 中的卷没有标签。
卷的序列号是 04A3-41C5

D:\OTTER_2026 的目录

2026/03/24 13:51 <DIR>          .
2026/03/24 13:51 <DIR>          ..
2026/03/19 19:08 <DIR>          ABS
2021/07/15 21:35          75,830 Doxo_DEG.txt
2022/07/01 11:45          2,473 Heatmap_R_Script.txt
2026/03/24 13:27 <DIR>          IDT
2026/03/24 13:51          16 keyword_Doxo.txt
2026/03/24 13:04       110,080 OTTER_Windows_2026.exe
2026/03/24 13:45 <DIR>          Output
2026/03/24 13:51          265 Readme_Windows.txt
                    5 个文件      188,664 字节
                    5 个目录 1,842,009,395,200 可用字节

D:\OTTER_2026>
```

**Step 3,** Enter the D:/OTTER\_2026 folder, and Run OTTER with the following command:

**Note:** The Gene List file contains hundreds or thousands of gene symbols. Each line is one symbol, in all CAPITALS. The “**keyword**” recognized by OTTER is the first line of the Keyword File. **Recommended Nodes Numbers are 50, 30, or 20.**

```
D:\OTTER_2026>OTTER_Windows_2026.exe Doxo_DEG.txt keyword_Doxo.txt 30 ./Output/Test_
User's Gene List Total : 8616
Symbols with PID Total : 7243
Found PubMed IDs Total : 14038
CPU Time : 296.000 seconds
请按任意键继续. . .
Done!
D:\OTTER_2026>
```

The above Doxo\_DEG.txt and keyword\_Doxo.txt files are illustrative examples; users should replace them with your own gene list and keywords. The submitted job will finish in 10-20 minutes on typical Windows PC. At the end of program execution, it will tell you the CPU time consumed.

The output files of OTTER include four files:

**PPI Chart** (interactive HTML file, you can open it in any web browser)

**Heatmap ECharts** (interactive HTML file, you can open it in any web browser)

**Heatmap Data for R** (plain-text TXT format, to generate Heatmap in R)

**Score Table** (CSV format, you can open it in Excel)

**PPI Chart**



**Score Table**

|    | A      | B          | C         | D           | E |
|----|--------|------------|-----------|-------------|---|
| 1  | Symbol | Text_Score | PPI_Score | Total_Score |   |
| 2  | ESR1   | 0.894      | 1         | 1.894       |   |
| 3  | BRCA1  | 1          | 0.877     | 1.877       |   |
| 4  | BRCA2  | 0.988      | 0.769     | 1.756       |   |
| 5  | BARD1  | 0.867      | 0.827     | 1.694       |   |
| 6  | BRIP1  | 0.829      | 0.769     | 1.598       |   |
| 7  | RAD51C | 0.755      | 0.769     | 1.524       |   |
| 8  | XRCC2  | 0.679      | 0.769     | 1.448       |   |
| 9  | NRP1   | 0.673      | 0.769     | 1.442       |   |
| 10 | TFF1   | 0.66       | 0.769     | 1.429       |   |
| 11 | GREB1  | 0.773      | 0.615     | 1.388       |   |
| 12 | GATA3  | 0.767      | 0.615     | 1.382       |   |
| 13 | UIMC1  | 0.759      | 0.615     | 1.374       |   |
| 14 | ZNF217 | 0.692      | 0.615     | 1.307       |   |
| 15 | RAC3   | 0.659      | 0.615     | 1.275       |   |
| 16 | AGR2   | 0.658      | 0.495     | 1.153       |   |
| 17 | PTK6   | 0.836      | 0         | 0.836       |   |
| 18 | BRMS1  | 0.82       | 0         | 0.82        |   |
| 19 | PRLR   | 0.793      | 0         | 0.793       |   |
| 20 | GRB7   | 0.755      | 0         | 0.755       |   |

**Heatmap ECharts**



**Heatmap R**



**Note:** Users can generate the Heatmap Plot using the Heatmap\_R\_Script.txt. The file names in the R script need to be replaced with your output \*\_Heatmap\_Data\_R\_Top\_\*.txt file.

If you think these charts and tables are useful to your research of target discovery and validation, you can use them in your publication or presentation

**OTTER Citation:**

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