

Сначала я все 13 датасетов обработала с помощью кода из предыдущего задания. Нашлось совсем немного пассеев, связанных с онкологией.

2: Colorectal Cancer, Small Cell Lung Cancer

3: Colorectal Cancer, Renal Cell Carcinoma, Pancreatic Cancer, Endometrial Cancer, Glioma, Prostate Cancer, Bladder Cancer, Small Cell Lung Cancer, Non Small Cell Lung Cancer

4: Pancreatic Cancer, Bladder Cancer, Non Small Cell Lung Cancer

7: Small Cell Lung Cancer

11: Small Cell Lung Cancer

Дальше я брала гены, которые экспрессировались в образцах больных пациентов и с помощью программы WebGestalt получила пассеев KEGG, затем то же самое делала для образцов здоровой ткани. Если пассеев встречались в обоих типах образцов, то такой пассеев считался незначимым.

1: Glioma

2: Non-small cell lung cancer / Gastric cancer

3: Pancreatic cancer / Chronic myeloid leukemia

4: Pancreatic cancer / Renal cell carcinoma

5: Renal cell carcinoma / Non-small cell lung cancer / Gastric cancer

6: Prostate cancer / Glioma

7: Pancreatic cancer / Endometrial cancer

8: Acute myeloid leukemia

9: Renal cell carcinoma

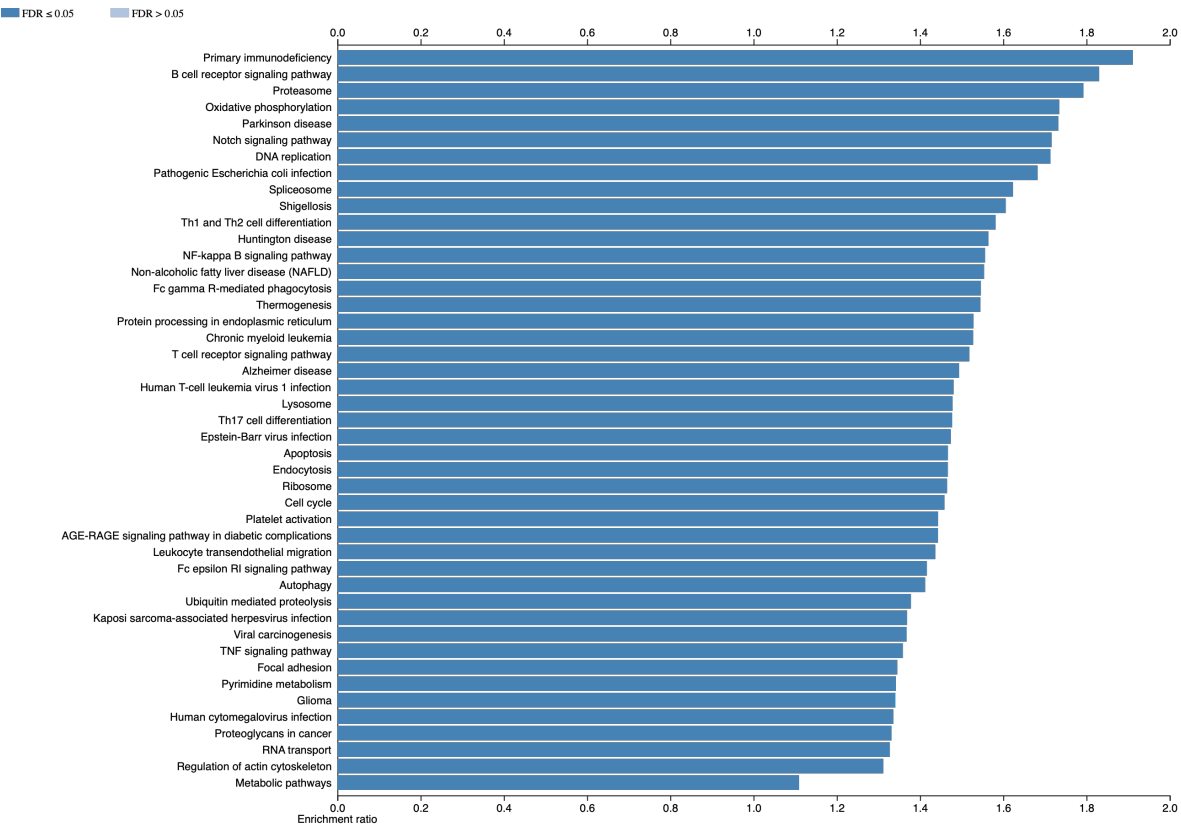
10: Small cell lung cancer

11: Pancreatic cancer

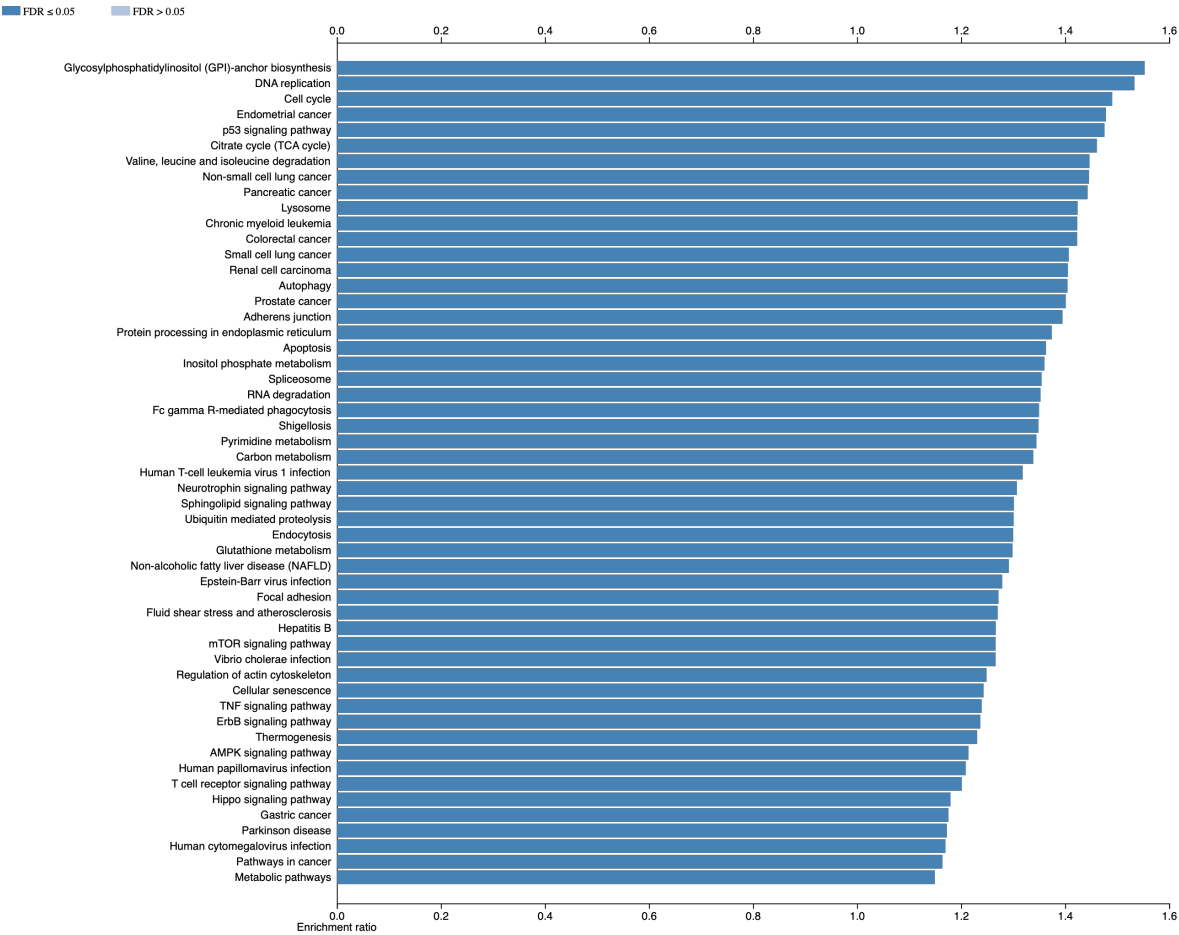
12: Glioma

13: Endometrial cancer / Breast cancer

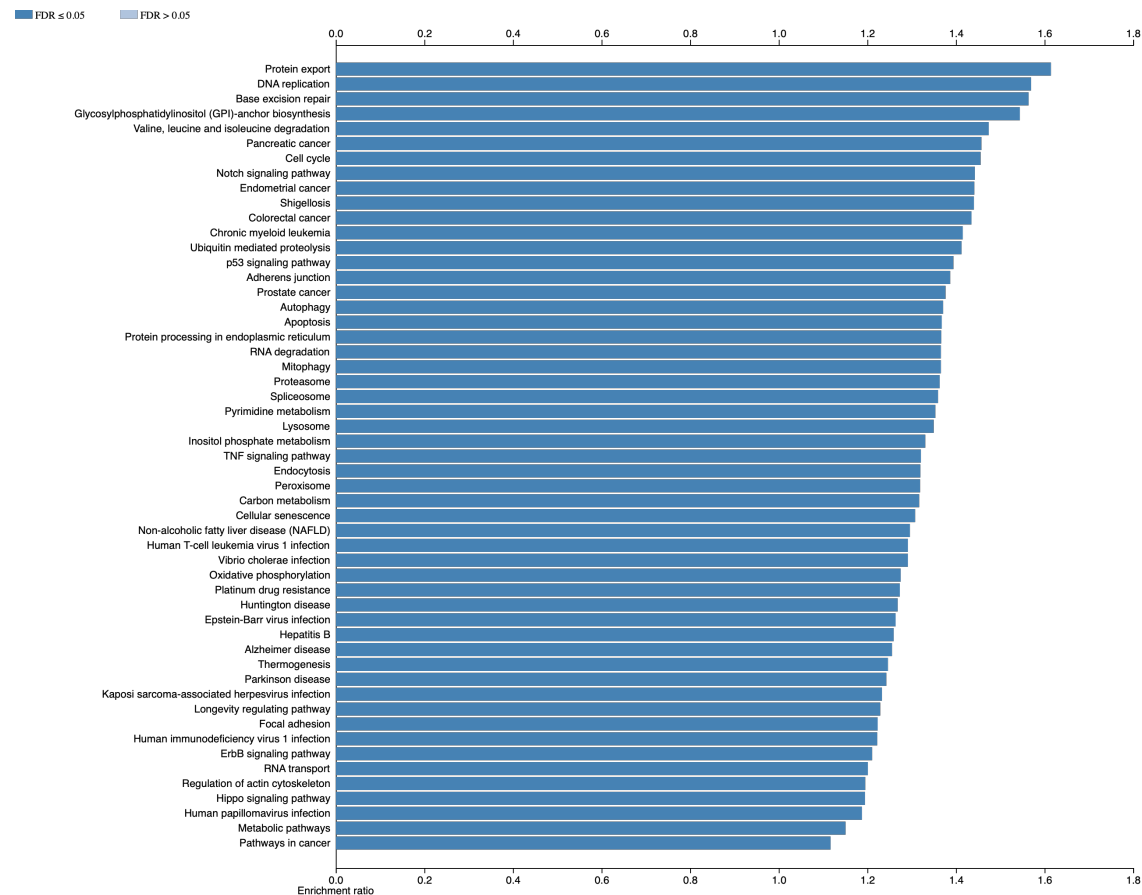
1-**Chronic myeloid leukemia, Glioma**
(зеленым выделены пасвеи, которые встретились и в здоровой ткани)



2-Endometrial cancer, Non-small cell lung cancer, Pancreatic cancer, Chronic myeloid leukemia, Colorectal cancer, Renal cell carcinoma, prostate cancer, Gastric cancer, Small cell lung cancer



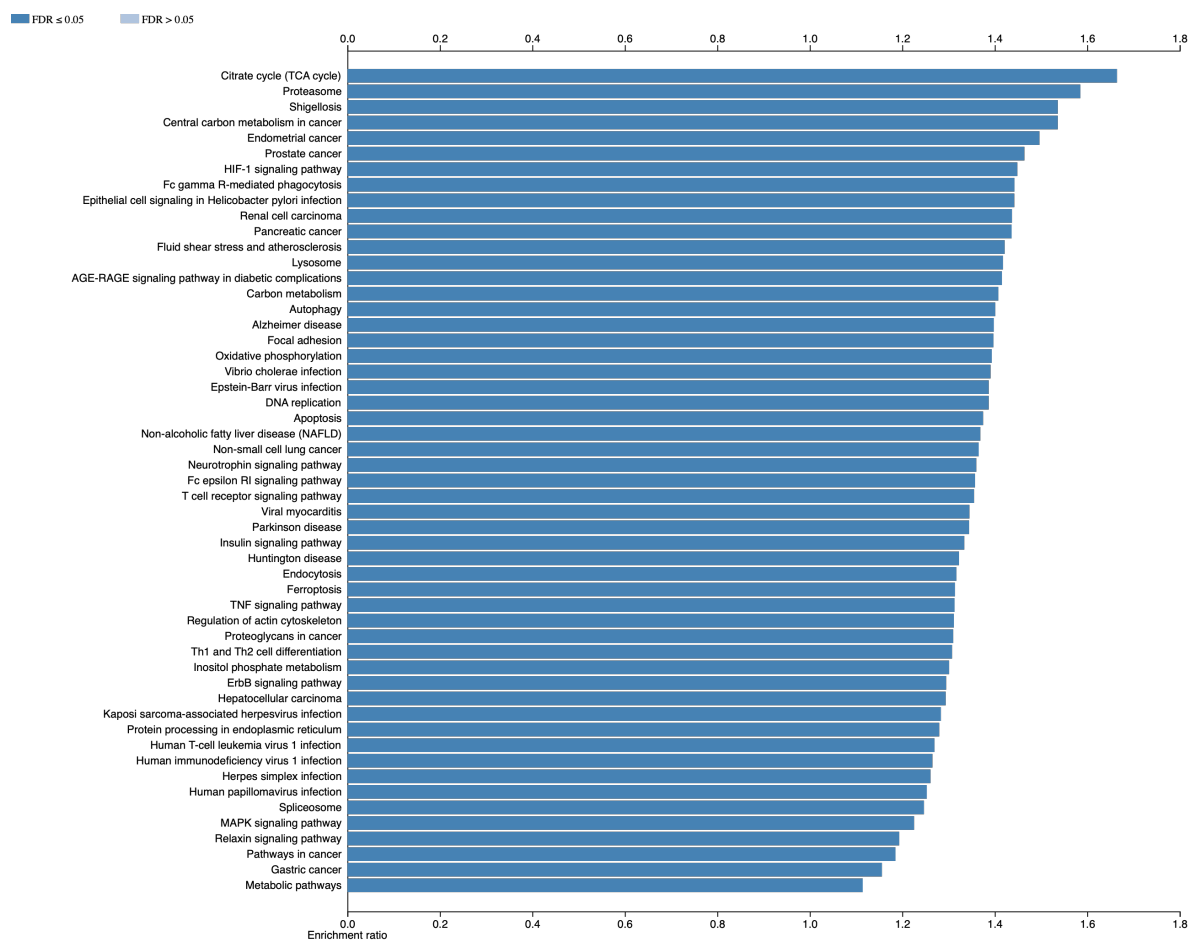
3-Pancreatic cancer, Endometrial cancer, Colorectal cancer, Chronic myeloid leukemia, Prostate cancer



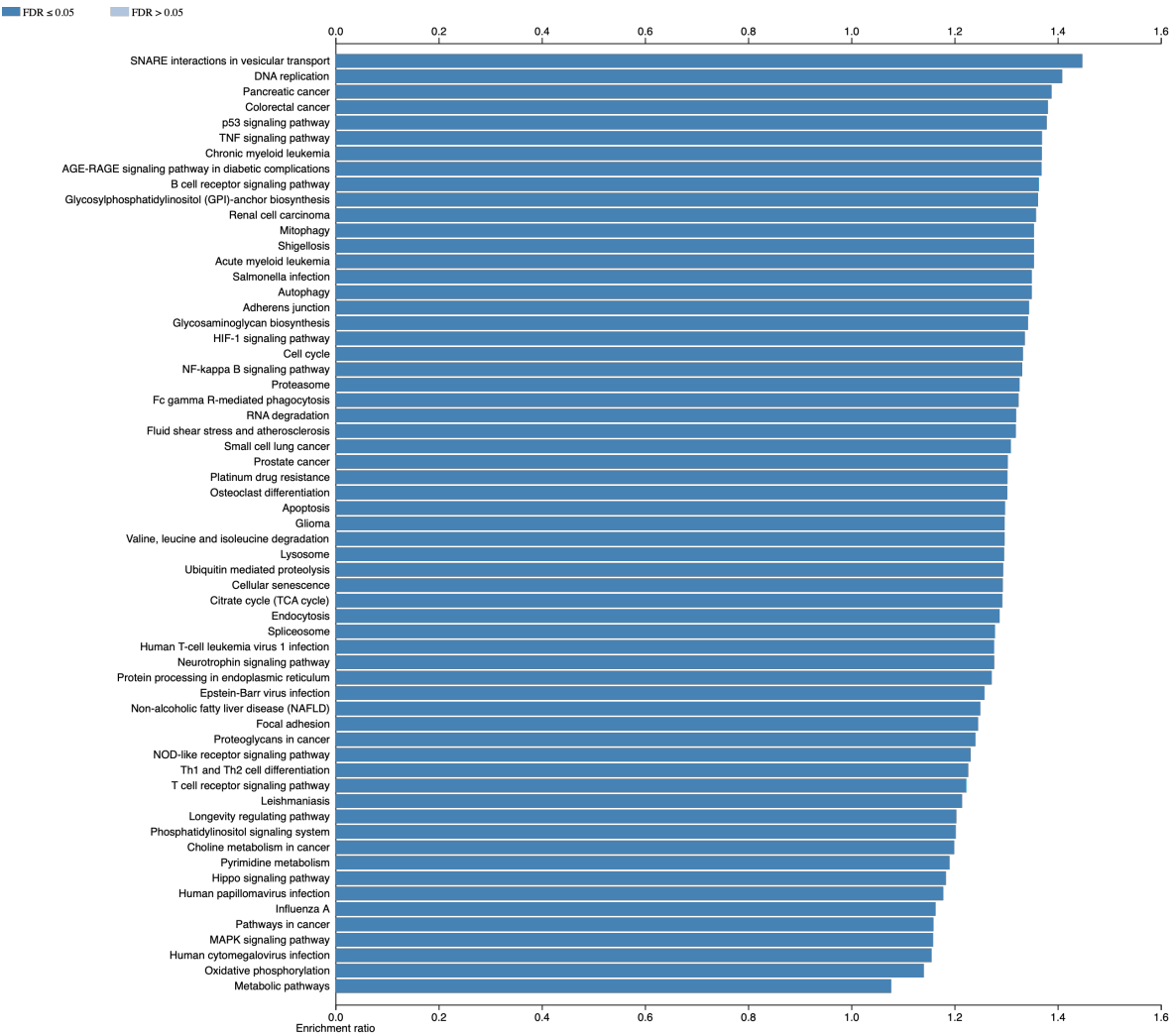
4- Non-small cell lung cancer, Pancreatic cancer, Renal cell carcinoma, Endometrial cancer, Colorectal cancer, Prostate cancer, Glioma, Gastric cancer



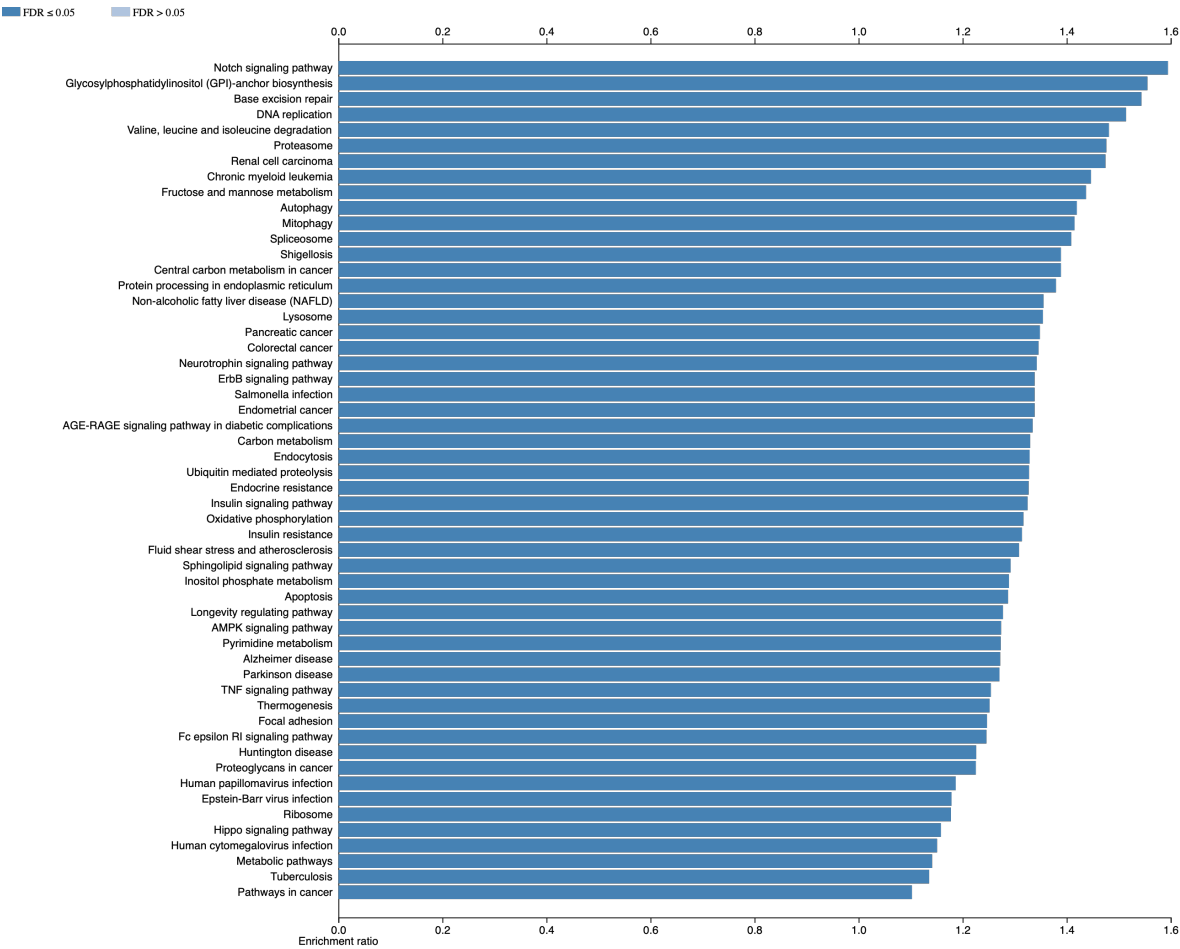
5- Endometrial cancer, Prostate cancer, Renal cell carcinoma, Pancreatic cancer, Non-small cell lung cancer, Gastric cancer



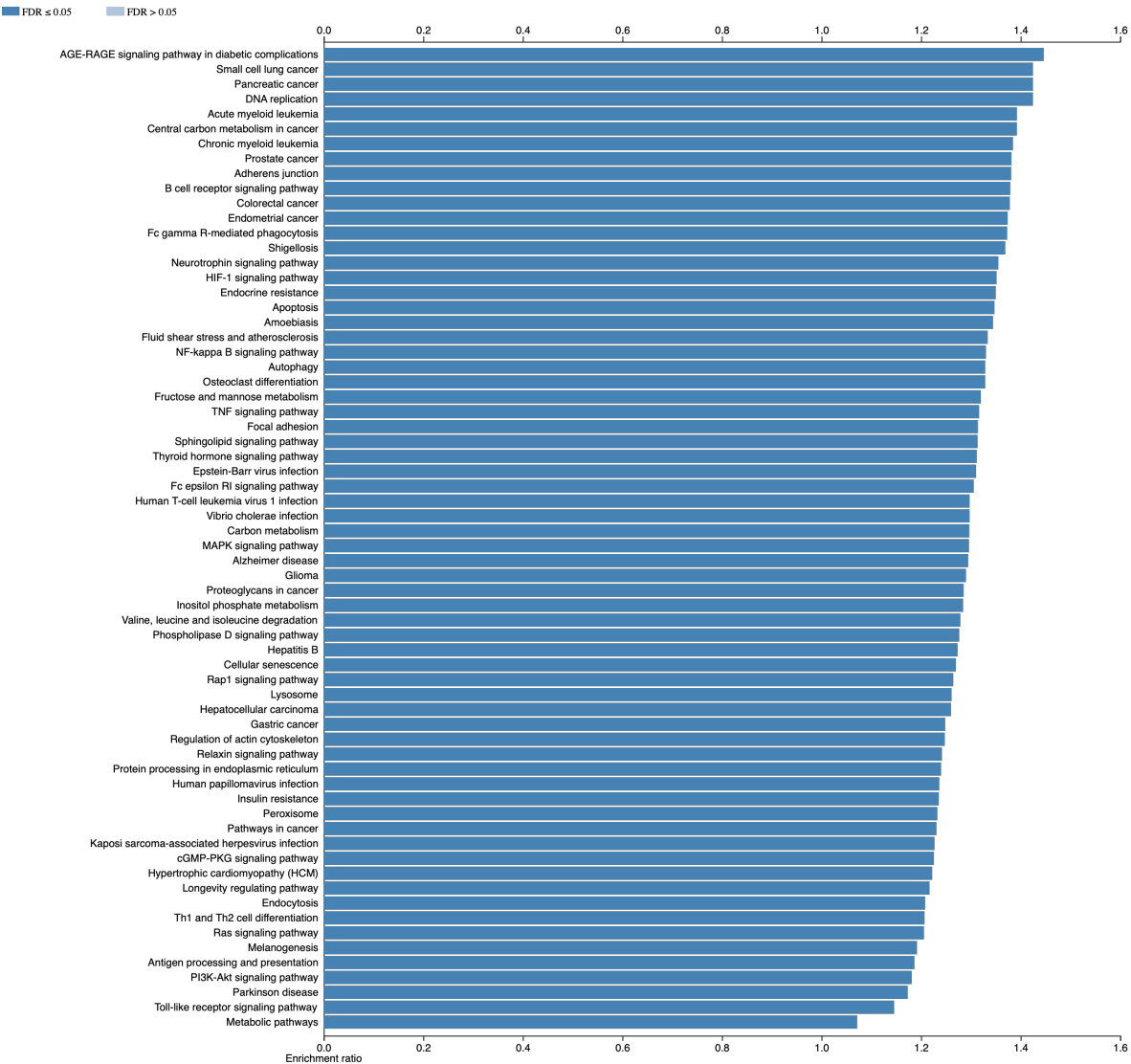
6- Pancreatic cancer, Colorectal cancer, Chronic myeloid leukemia, Renal cell carcinoma, Acute myeloid leukemia, Small cell lung cancer, Prostate cancer, Glioma



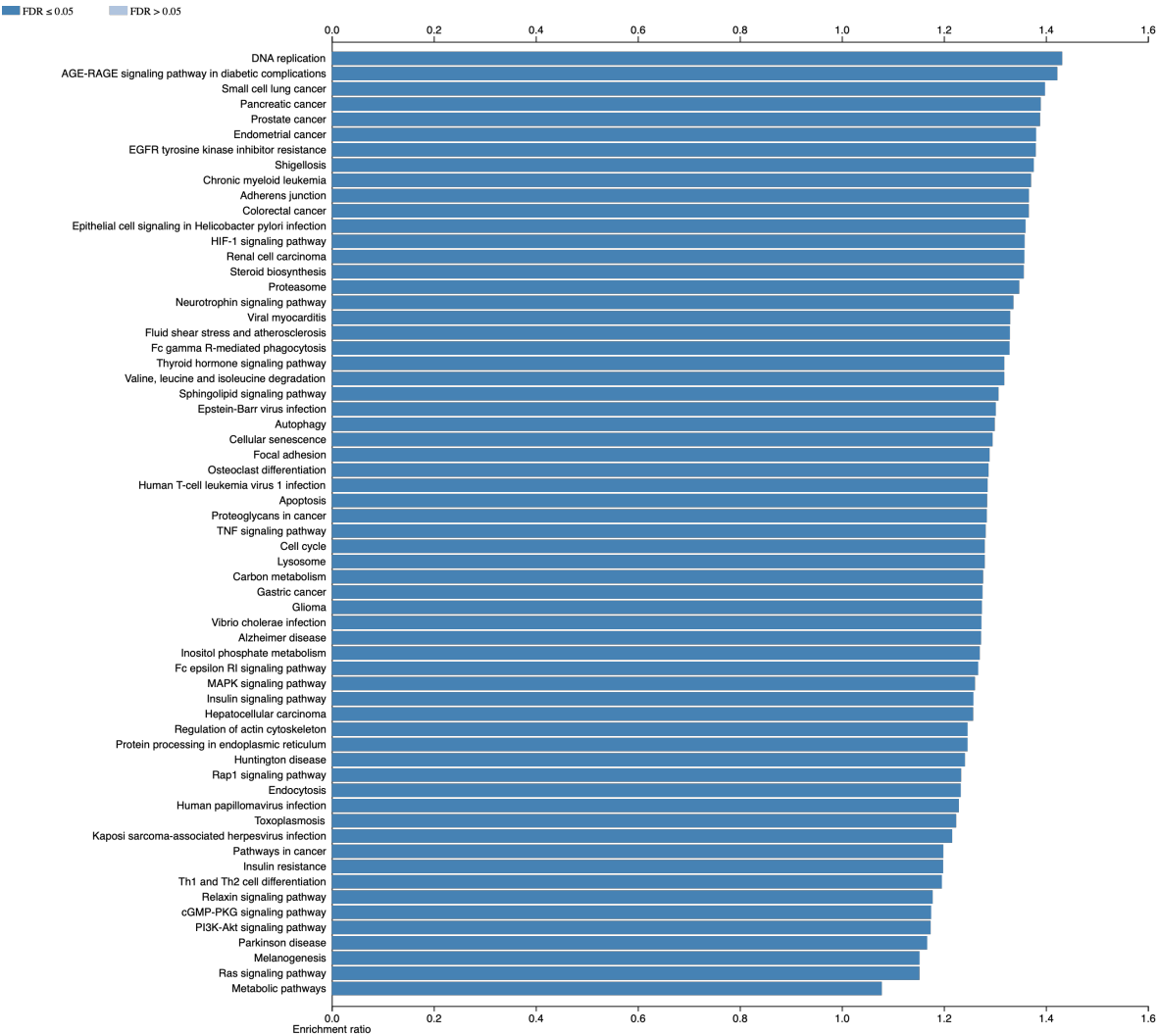
7- Renal cell carcinoma, Chronic myeloid leukemia, Pancreatic cancer, Colorectal cancer, Endometrial cancer



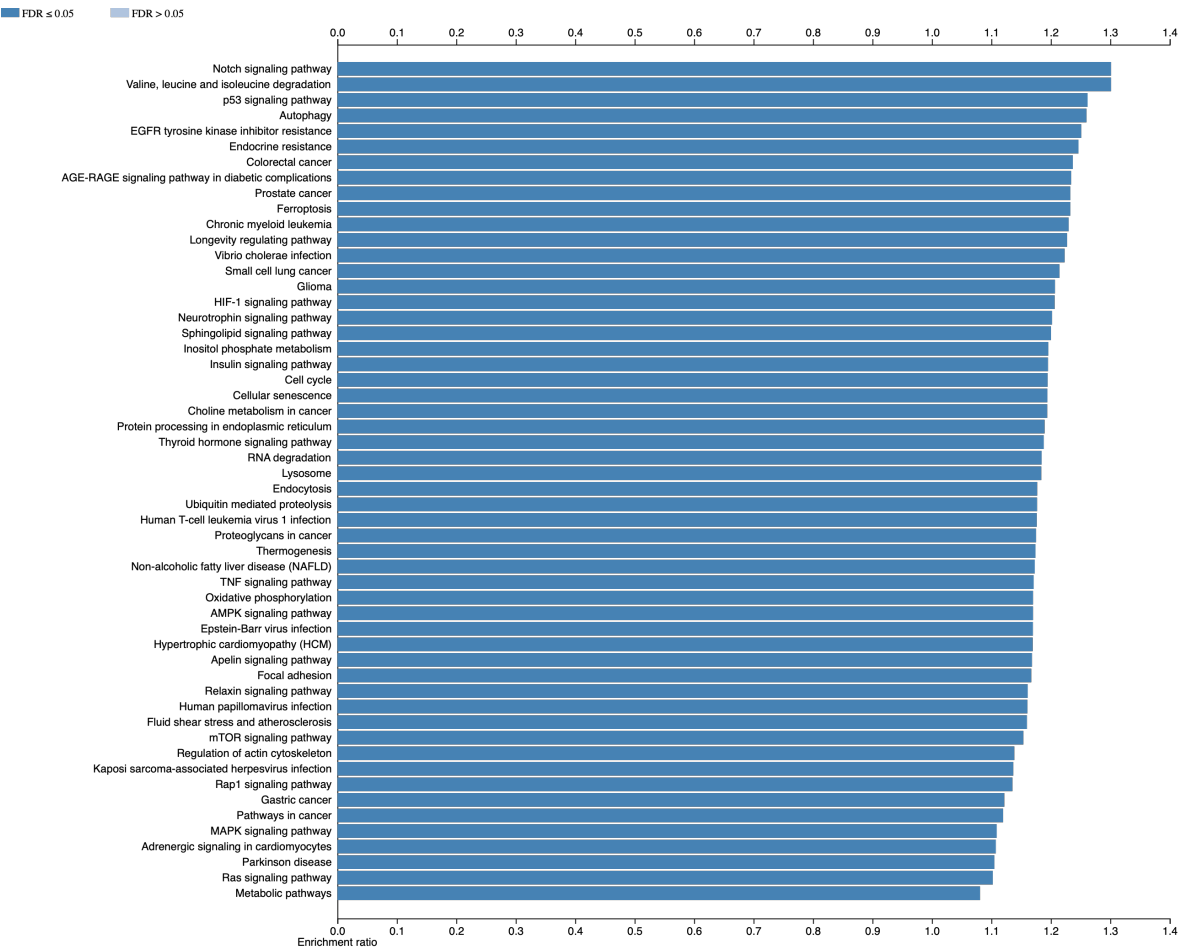
8- Small cell lung cancer, Pancreatic cancer, Acute myeloid leukemia, Prostate cancer, Colorectal cancer, Endometrial cancer, Glioma, Gastric cancer



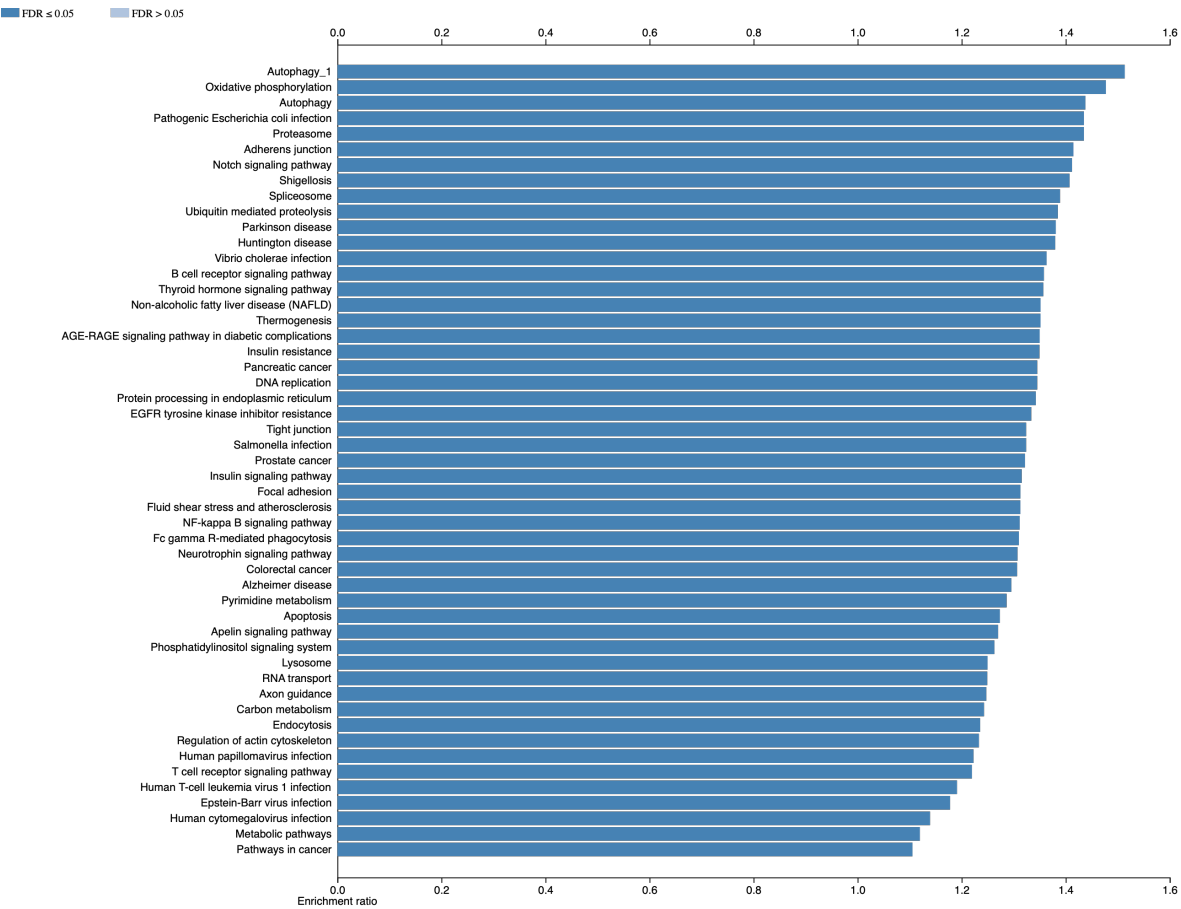
9- Small cell lung cancer, Pancreatic cancer, Prostate cancer, Endometrial cancer, Chronic myeloid leukemia, Colorectal cancer, Renal cell carcinoma, Gastric cancer, Glioma



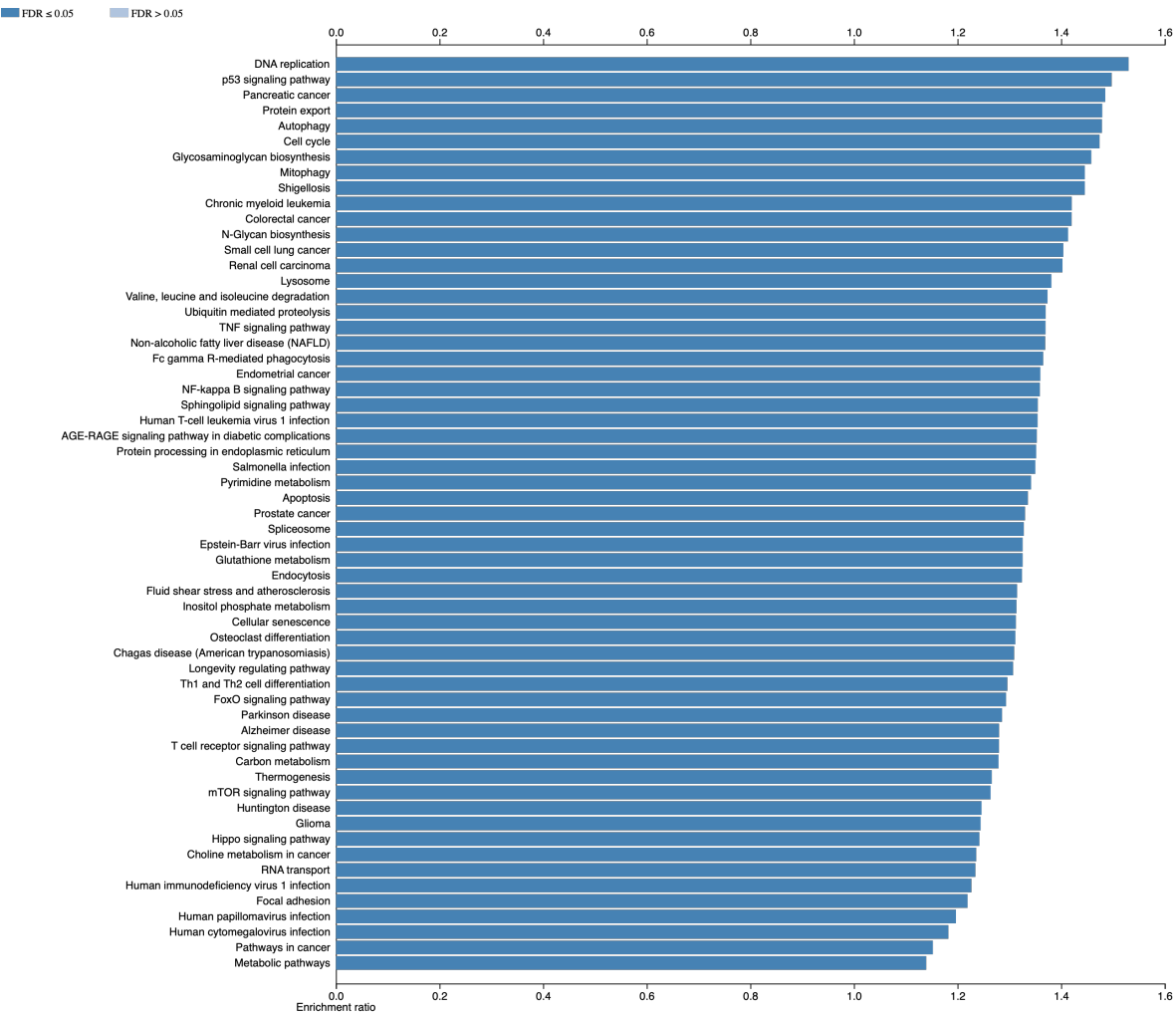
10- Colorectal cancer, Prostate cancer, Chronic myeloid leukemia, Small cell lung cancer, Glioma, gastric cancer



11- Pancreatic cancer, **Prostate cancer**, **Colorectal cancer**



12- Pancreatic cancer, Chronic myeloid leukemia, Colorectal cancer, Small cell lung cancer, Renal cell carcinoma, Endometrial cancer, Prostate cancer, Glioma



13- Chronic myeloid leukemia, Non small cell lung cancer, Colorectal cancer, Endometrial cancer, Pancreatic cancer, Prostate cancer, small cell lung cancer, Breast cancer

