| Study                                                                 | Sample number |
|----------------------------------------------------------------------|---------------|
| Pediatric Brain Cancer (CPTAC/CHOP, Cell 2020)                       | 218           |
| Brain Lower Grade Glioma (TCGA, Firehose Legacy)                     | 530           |
| Brain Lower Grade Glioma (TCGA, PanCancer Atlas)                     | 514           |
| Diffuse Glioma (GLASS Consortium, Nature 2019)                       | 444           |
| Glioma (MSK, Nature 2019)                                           | 91            |
| Glioma (MSKCC, Clin Cancer Res 2019)                                 | 1.004         |
| Low-Grade Gliomas (UCSF, Science 2014)                               | 61            |
| Merged Cohort of LGG and GBM (TCGA, Cell 2016)                       | 1.122         |
| Brain Tumor PDXs (Mayo Clinic, 2019)                                 | 97            |
| Glioblastoma (CPTAC, Cell 2021)                                      | 99            |
| Glioblastoma (Columbia, Nat Med. 2019)                               | 42            |
| Glioblastoma (TCGA, Cell 2013)                                       | 577           |
| Glioblastoma (TCGA, Nature 2008)                                     | 206           |
| Glioblastoma Multiforme (TCGA, Firehose Legacy)                      | 619           |
| Glioblastoma Multiforme (TCGA, PanCancer Atlas)                      | 592           |
| Anaplastic Oligodendroglioma and Anaplastic Oligoastrocytoma          | 22            |
| Medulloblastoma (Broad, Nature 2012)                                 | 192           |
| Medulloblastoma (DKFZ, Nature 2017)                                  | 491           |
| Medulloblastoma (ICGC, Nature 2012)                                  | 125           |
| Medulloblastoma (PCGP, Nature 2012)                                  | 37            |
| Medulloblastoma (Sickkids, Nature 2016)                              | 46            |
| Pilocytic Astrocytoma (ICGC, Nature Genetics 2013)                   | 96            |
| Pheochromocytoma and Paraganglioma (TCGA, Firehose Legacy)           | 184           |
| Cancer Cell Line Encyclopedia (Broad, 2019)                           | 1.739         |
| Cancer Cell Line Encyclopedia (Novartis/Broad, Nature 2012)           | 1.020         |
| MSK-IMPACT Clinical Sequencing Cohort (MSKCC, Nat Med 2017)           | 10.945        |
| NCI-60 Cell Lines (NCI, Cancer Res 2012)                             | 67            |
| Sarcoma (MSK, 2022)                                                  | 2.138         |
| Sarcoma (MSKCC/Broad, Nat Genet 2010)                                | 207           |
| Sarcoma (TCGA, Firehose Legacy)                                      | 265           |
| Sarcoma (TCGA, PanCancer Atlas)                                      | 255           |