Yeast Anticancer Drug Screen

[NCI Yeast Anticancer Drug Screen](#) datasets - April 2002 release

- **Stage0**
  - Data available for 87,264 compounds
    - 75,196 inactive (growth inhibition <70% in all strains)
    - 12,068 active (growth inhibition of at least 70% in at least 1 strain)
      - 5,777 active in all strains
  - [Download Stage0 Dataset](#)
    - Comma delimited file with NSC, DIFFINH (the difference between the duplicate growth inhibition measurements), AVEINH (the average of the duplicate growth inhibition measurements), STRAIN
    - File is 3.4 MB (zipped) and unzips to 14.6 MB
- **Stage1**
  - Data available for 14,837 compounds
    - At the high dose (50 microM)
      - 5,491 inactive (growth inhibition <70% in all strains)
      - 9,346 active (growth inhibition of at least 70% in at least 1 strain)
        - 5,433 active in all strains
    - At the low dose (5 microM)
      - 12,244 inactive (growth inhibition <70% in all strains)
      - 2,593 active (growth inhibition of at least 70% in at least 1 strain)
        - 1,007 active in all strains
  - [Download Stage1 dataset](#)
    - Comma delimited file with NSC, DIFFINH (the difference between the duplicate growth inhibition measurements), AVEINH (the average of the duplicate growth inhibition measurements), STRAIN, microM
    - File is 915KB (zipped) and unzips to 5.0 MB
- **Stage2**
  - Data available for 2,189 compounds
    - 475 inactive
    - 1,714 active
      - 692 have similar activity in all strains
  - [Download Stage2 dataset](#)
    - Comma delimited file with NSC, STRAIN, DIFFINH (the difference between the duplicate growth inhibition measurements), AVEINH (the average of the duplicate growth inhibition measurements), microM
    - File is 691KB (zipped) and unzips to 3.8 MB