附表1 实例名称及信息

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| --- | --- | --- | --- | --- | --- |
| Simple name | GEO series | Drug name | Disease | Species | Cell line |
| GSE10696-A431-GER | GSE10696 | Gefitinib | Epidermoid carcinoma | Homo sapiens | A431 |
| GSE16179-BT474-LAR | GSE16179 | Lapatinib | BC | Homo sapiens | BT474 |
| GSE38121-HCC827-ERR | GSE38121 | Erlotinib | NSCLC | Homo sapiens | HCC827 |
| GSE38310-ER3-ERR | GSE38310 | Erlotinib | NSCLC | Homo sapiens | ER3(HCC827) |
| GSE38310-T15-2-ERR | GSE38310 | Erlotinib | NSCLC | Homo sapiens | T15-2(HCC827) |
| GSE38376-SKBR3-LAR | GSE38376 | Lapatinib | BC | Homo sapiens | SKBR3 |
| GSE39073-Kasumi1-DASR | GSE39073 | Dasatinib | AL | Homo sapiens | Kasumi-1 |
| GSE44753-SK-MEL28-DAR | GSE44753 | Dabrafenib | MM | Homo sapiens | SK-Mel28 |
| GSE44753-SK-MEL28-TRR | GSE44753 | Trametinib | MM | Homo sapiens | SK-Mel28 |
| GSE44753-SK-MEL28-DA-TR-R | GSE44753 | Dabrafenib& Trametinib | MM | Homo sapiens | SK-Mel28 |
| GSE49135-HN5-ERR | GSE49135 | Erlotinib | SCCHN | Homo sapiens | HN5 |
| GSE49508-H3122-CRR | GSE49508 | Crizotinib | Lung cancer | Homo sapiens | H3122 |
| GSE-52707-SKR6-LAR | GSE52707 | Lapatinib | BC | Homo sapiens | SKR6(SKBR-3) |
| GSE59239-PC9-AFR | GSE59239 | Afatinib | Lung cancer | Homo sapiens | PC9 |
| GSE60189-PC9-GER | GSE60189 | Gefitinib | Lung cancer | Homo sapiens | PC9 |
| GSE62061-CAL27-ERR | GSE62061 | Erlotinib | Head and neck squamous cell carcinoma | Homo sapiens | CAL27 |
| GSE62061-FADU-ERR | GSE62061 | Erlotinib | Head and neck squamous cell carcinoma | Homo sapiens | FADU |
| GSE62061-SCC25-ERR | GSE62061 | Erlotinib | Head and neck squamous cell carcinoma | Homo sapiens | SCC-25 |
| GSE62061-SQ20B-ERR | GSE62061 | Erlotinib | Head and neck squamous cell carcinoma | Homo sapiens | SQ20B |
| GSE64052-786-O-SOR | GSE64052 | Sorafenib | RCC | Homo sapiens | 786-O |
| GSE64052-786-O-SUR | GSE64052 | Sunitinib | RCC | Homo sapiens | 786-O |
| GSE64052-A498-SOR | GSE64052 | Sorafenib | RCC | Homo sapiens | A498 |
| GSE69465-T1-IMR | GSE69465 | Imatinib | GIST | Homo sapiens | T1 |
| GSE73571-SOR | GSE73571 | Sorafenib | HCC | Homo sapiens | xenograft |
| GSE75468-HCC827-AFR | GSE75468 | Afatinib | NSCLC | Homo sapiens | HCC827 |
| GSE78864-A204-PAR | GSE78864 | Pazopanib | Malignant rhadboid tumours | Homo sapiens | A204 |
| GSE78864-A204-SUR | GSE78864 | Sunitinib | Malignant rhadboid tumours | Homo sapiens | A204 |
| GSE80344-HCC4006-ERR | GSE80344 | Erlotinib | NSCLC | Homo sapiens | HCC4006 |
| GSE83666-PC9-GER | GSE83666 | Gefitinib | Lung cancer | Homo sapiens | PC9 |
| GSE94550-HUH7-SOR | GSE94550 | Sorafenib | HCC | Homo sapiens | Huh7 |
| GSE98987-MCF7-LTED-PAR | GSE98987 | Palbociclib | BC | Homo sapiens | MCF7 LTED |
| GSE98987-MCF7- PAR | GSE98987 | Palbociclib | BC | Homo sapiens | MCF7 |
| GSE98987-T47D- PAR | GSE98987 | Palbociclib | BC | Homo sapiens | T47D |
| GSE120932-K562-IMR | GSE120932 | Imatinib | Chronic myeloid leukemia | Homo sapiens | K562 |
| GSE122005-HCC827-GER | GSE122005 | Gefitinib | NSCLC | Homo sapiens | HCC827 |
| GSE122819-LM2-4-SUR | GSE122819 | Sunitinib | BC | Homo sapiens | LM2-4(MDA-MB-231) |
| GSE123066-HCC4006-GER | GSE123066 | Gefitinib | NSCLC | Homo sapiens | HCC4006 |
| GSE136304-BT474-LAR | GSE136304 | Lapatinib | BC | Homo sapiens | BT474 |
| GSE138126-HBL1-IBR | GSE138126 | Ibrutinib | DLBCL | Homo sapiens | HBL1 |
| GSE138126-LY1-IBR | GSE138126 | Ibrutinib | DLBCL | Homo sapiens | OCI-LY1 |
| GSE138126-LY10-IBR | GSE138126 | Ibrutinib | DLBCL | Homo sapiens | OCI-LY10 |
| GSE62504-HCC827-AFR | GSE62504 | Afatinib | NSCLC | Homo sapiens | HCC827 |

附图1



附图1 KEGG和GO功能富集

A. 42个下调的印记基因集在KEGG中的富集热图; B. 42个下调的印记基因集在GO-MF中的富集热图; C. 42个上调的印记基因集在KEGG中的富集热图; D. 42个上调的印记基因集在GO-MF中的富集热图