|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Functional characterization** | AR silencing | | | | | | | Drug treatment | | | ChIP | | AR/P53 silencing | |
| **Cell strain:** | qPCR | IB | IF | growth assay | EDU | in vivo | RNA seq | Flutamide | DHT | MK2866 | AR | H3K27Ac | EDU | qPCR |
| HDF EM79 | + | + |  | + | + | + | + |  |  |  |  |  |  |  |
| HDF AC3 | + | + | + | + | + | + | + |  |  | + | + | + | + | + |
| HDF AC4 | + |  |  | + | + | + |  |  |  | + |  | + |  |  |
| HDF AC5 |  |  | + |  |  |  |  |  |  |  |  | + | + | + |
| HDF AC6 |  |  |  |  |  |  |  |  |  |  |  |  | + | + |
| HDF AC7 |  |  |  |  |  |  |  | + | + |  |  |  |  |  |
| HDF AC9 |  |  |  |  |  |  |  | + | + |  |  |  |  |  |
| HDF SG1 |  |  |  |  |  |  |  |  |  | + | + |  |  |  |
| HDF SG2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HDF PB1 |  |  |  |  |  | + |  | + | + | + | + |  |  |  |
| HDF EM215 |  |  |  |  |  |  |  |  | + |  |  |  |  |  |

**Supplemental Table 5. Primary HDF strains used for AR functional characterization**