

Table S1: Antibodies used in the study

| Primary antibodies | | | | |
|------------------------|----------------|-----------------------------|---------------------------------------|------------------------|
| Antigen | Type | Source | Dilution | Application |
| AR | rabbit pAb | Thermo Fisher, RB-1358 | 1:400, 5% milk/TBST | WB |
| Beclin | mouse mAB | BD Biosciences, 612112 | 1:500, 5% milk/TBST | WB |
| Cyclin B1 | Mouse mAb-FITC | BD Pharmingen, 554108 | Prediluted | FACS |
| Cyclin D1 | mouse mAb | Cell Signaling, 2926 | 1:2000, 5% milk/TBST | WB |
| p16 | rabbit pAb | Cell signaling, 4824 | 1:1000, 5% BSA/TBST | WB |
| p21 | mouse mAb | Thermo Fisher, MS-891, | 1:200, 5% milk/TBST | WB |
| p63 | mouse mAb | Santa Cruz, sc-8431 | 1:200, 5% milk TBST | WB |
| | rabbit pAb | Santa Cruz, sc-8344 | 1:200, 5% milk/TBST | WB |
| PCNA | mouse mAb | Santa Cruz, 25280 | 1:500, 5% milk/TBST | WB |
| PML | goat pAb | Santa Cruz Biotech, sc-9862 | 1:100, 2% donkey serum | IF |
| Ras | rabbit pAB | Cell signaling, 3965 | 1:1000, 5% BSA/TBST | WB |
| Rb | mouse mAb | BD Pharmingen, 554136 | 1:500, 5% milk/TBST 1:50, 2%donkey | WB IF |
| | | | | |
| pp-Rb | rabbit pAb | Cell Signaling, 9307 | 1:1000, 5% BSA/TBST | WB |
| TBP | mouse mAb | Covance, MMS-233 R | 1:1000, 5% milk/TBST | WB |
| Tubulin | mouse mAb | Thermo Fisher, MS-581 | 1: 1000, 5% milk/TBST | WB |
| Secondary antibodies | | | | |
| Type | Tag | Source | Dilution | Application |
| donkey α-rabbit | Cy-5 | Jackson Immunoresearch | 1:100, 2% donkey serum | IF |
| donkey α-goat | Cy-3 | Jackson Immunoresearch | 1:200, 2%donkey serum | IF |
| donkey α-mouse | FITC, Cy-2 | Jackson Immunoresearch | 1:50, 2% donkey serum | IF |
| goat α-rabbit | HRP | Jackson Immunoresearch | 1:20,000 5% milk/TBST | WB |
| goat α-mouse | HRP | Jackson Immunoresearch | 1:10,000, 5% milk/TBST | WB |