**Table S1. Descriptive characteristics of the 11 studies included in stage 1 of the GWAS of prostate cancer in African Americans.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Study** | **MEC** | **SCCS** | **PLCO** | **CPS-II** | **MDA** | **IPCG** | **LAAPC** | **APCS** | **DCPC** | **KCPCS** | **GECAP** | **TOTAL** |
| **N**Cases Controls | 10601055 | 201412 | 231240 | 64112 | 528437 | 354157 | 288287 | 7185 | 263341 | 14175 | 22489 | 34253290 |
| **Age (median, yrs.)** Cases Controls | 7070 | 6159 | 6863 | 7071 | 6058 | 5752 | 6364 | 6766 | 6458 | 5953 | 6262 | 6564 |
| **Stage (n,%)**Localized Non-Localized | 902(85)103(10) | 160(80)27(13) | 202(87)23(10) | 54(84)6(9) | 419(79)98(19) | 220(62)116(33) | 158(55)101(35) | 37(52)26(37) | 20(8)31(12) | 111(79)30(21) | 185(83)39(17) | 2468(72)600(18) |
| **Grade (n,%)**Gleason<5 Gleason5-7 Gleason 8+ | 59(6)680(64)268(25) | 4(2)103(51)81(40) | 6(3)183(79)34(15) | 2(3)44(69)5(8) | 1(<1)366(69)145(27) | 0(0)320(90)31(9) | 0(0)215(75)65(23) | 0(0)57(80)14(20) | 12(5)100(38)26(10) | 5(4)120(85)14(10) | 2(1)190(85)23(10) | 91(3)2378(69)706(21) |
| **Severity (n,%)a**Non-AdvancedAdvanced | 663(63)322(30) | 95(47)90(45) | 175(76)48(21) | 43(67)10(16) | 328(62)183(35) | 212(60)124(35) | 134(47)136(47) | 32(45)35(49) | 20(8)49(17) | 101(72)38(27) | 165(74)52(23) | 1968(57)1087(32) |

aNon-Advanced = localized stage and Gleason<8; Advanced = non-localized stage and/or Gleason 8-10.