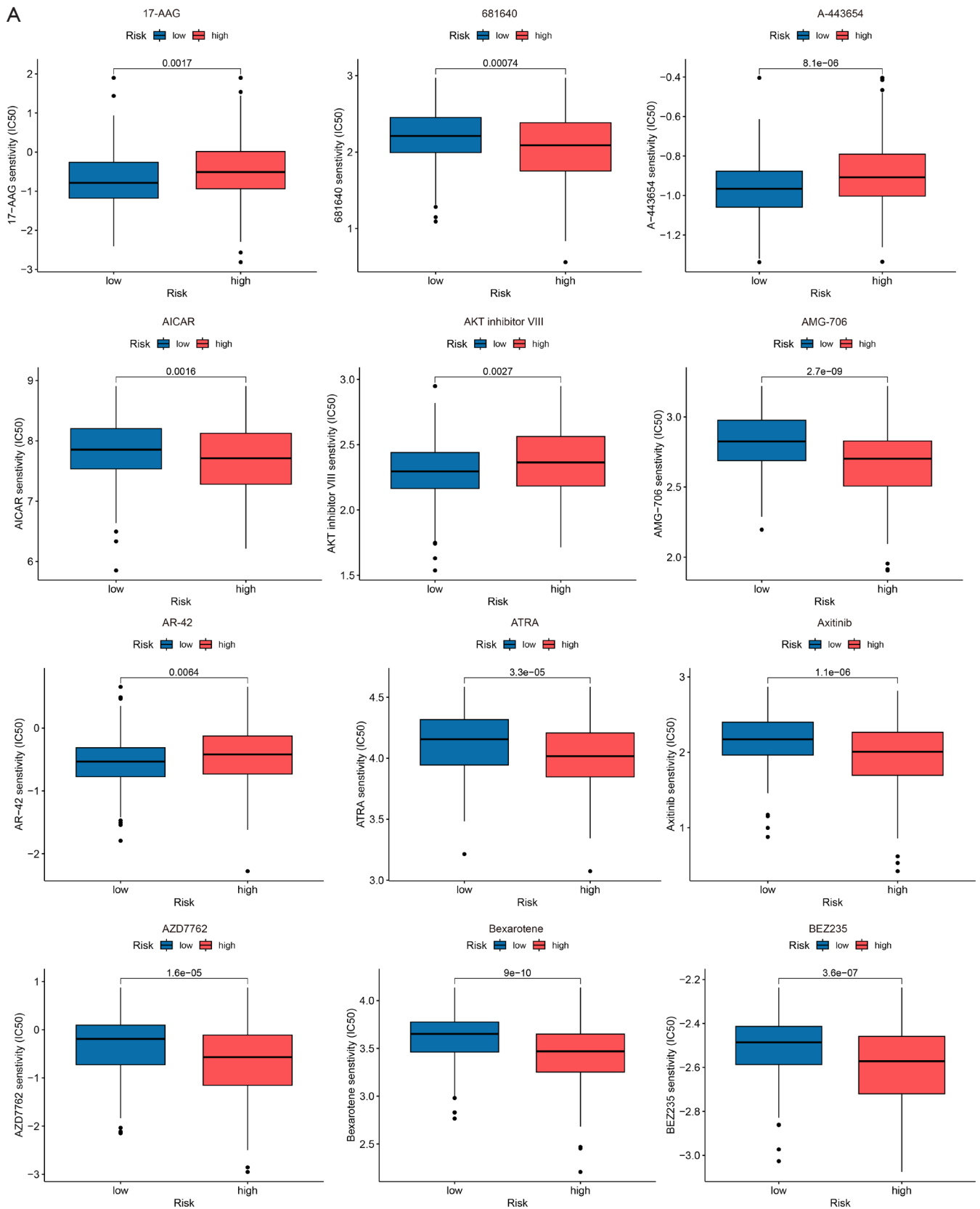
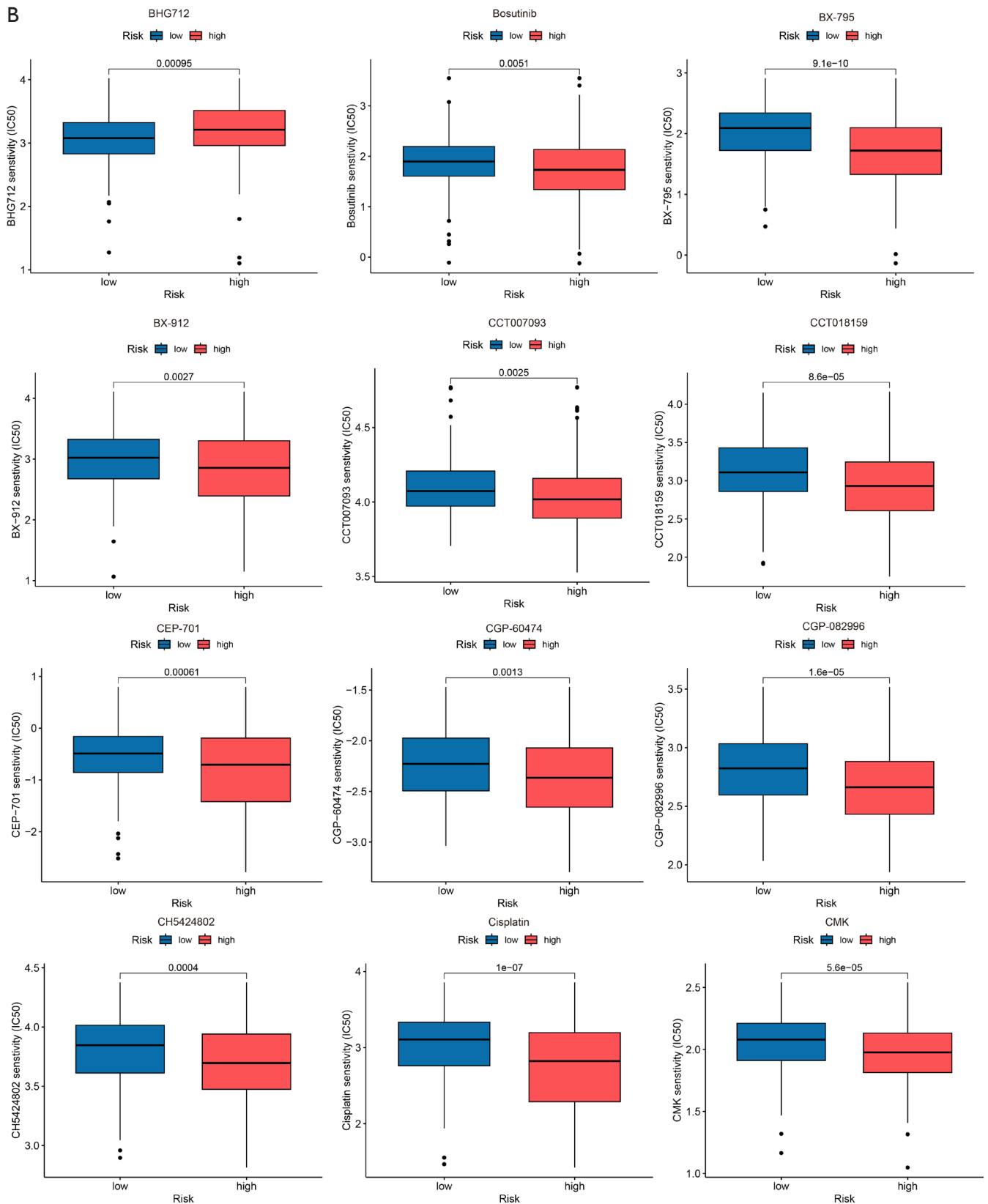


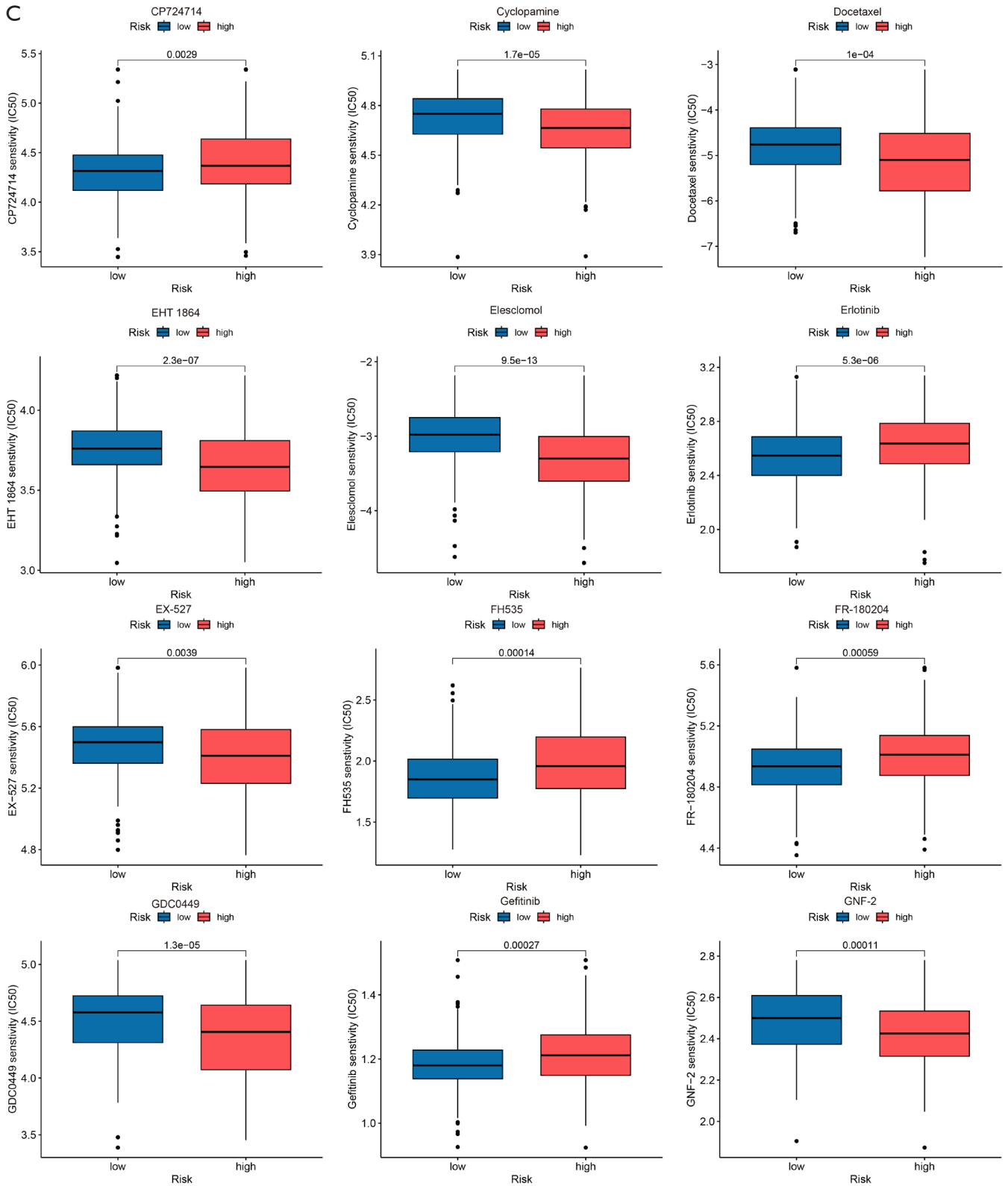
Table S1 Results of univariate Cox regression analysis of DEMRGs

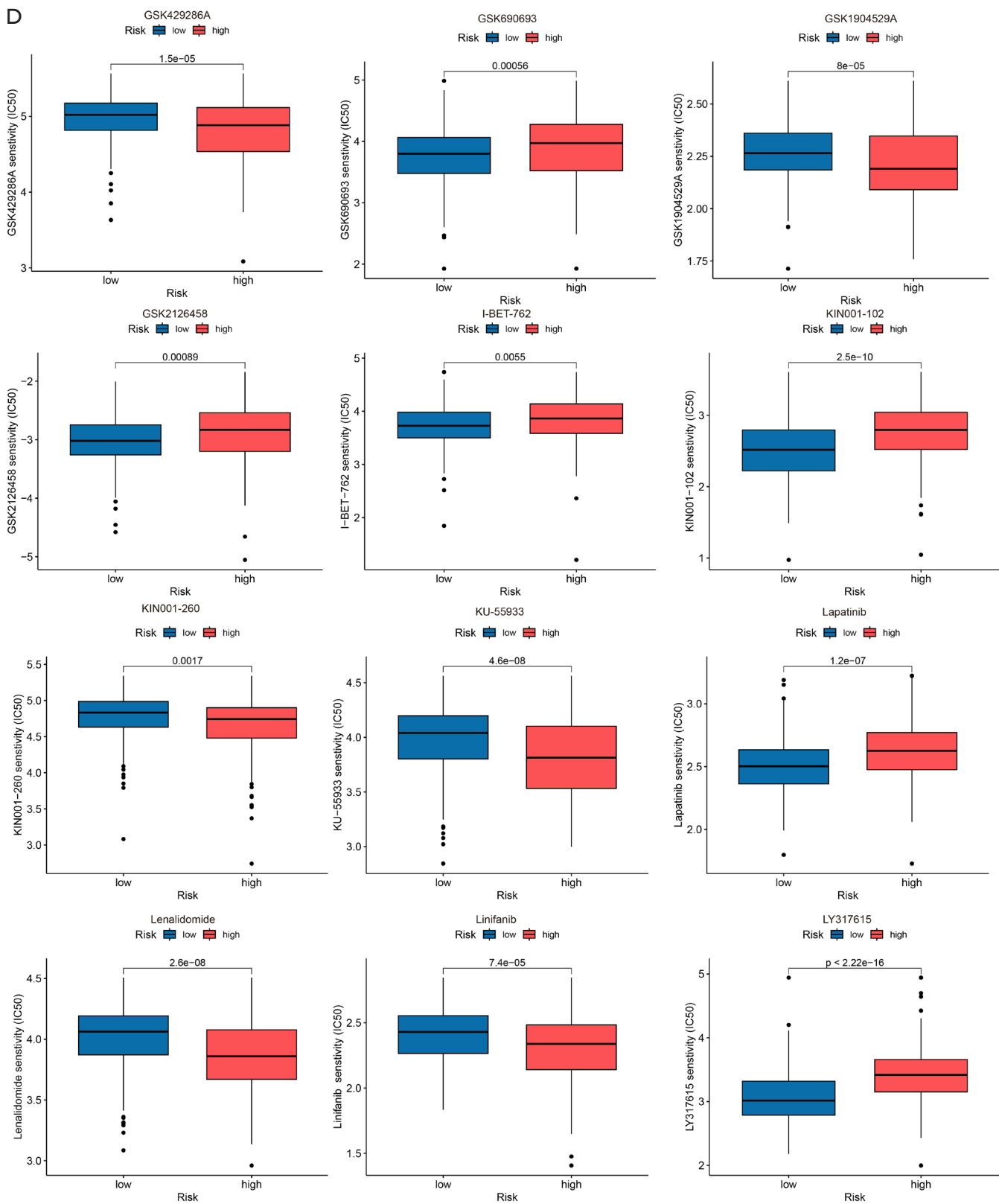
Gene	Beta	HR (95% CI)	Wald test	P value
NTN4	−0.15	0.865 (0.767–0.976)	5.55	0.0184
AKR1B1	0.13	1.142 (1.03–1.27)	5.83	0.0157
MGST2	−0.26	0.768 (0.652–0.904)	9.99	0.00157
MAPK10	−0.33	0.72 (0.525–0.987)	4.16	0.0413
FBXW7	−0.58	0.561 (0.357–0.884)	6.21	0.0127
MYH10	0.3	1.357 (1.14–1.61)	12.2	0.000484
IGF2BP3	0.23	1.259 (1.05–1.51)	6.33	0.0118
TUBB2A	0.16	1.174 (1.05–1.31)	8.04	0.00458
STK32A	−0.22	0.801 (0.66–0.971)	5.1	0.024
DDX10	0.44	1.546 (1.09–2.19)	6.03	0.0141
MAOA	−0.08	0.923 (0.854–0.997)	4.11	0.0427

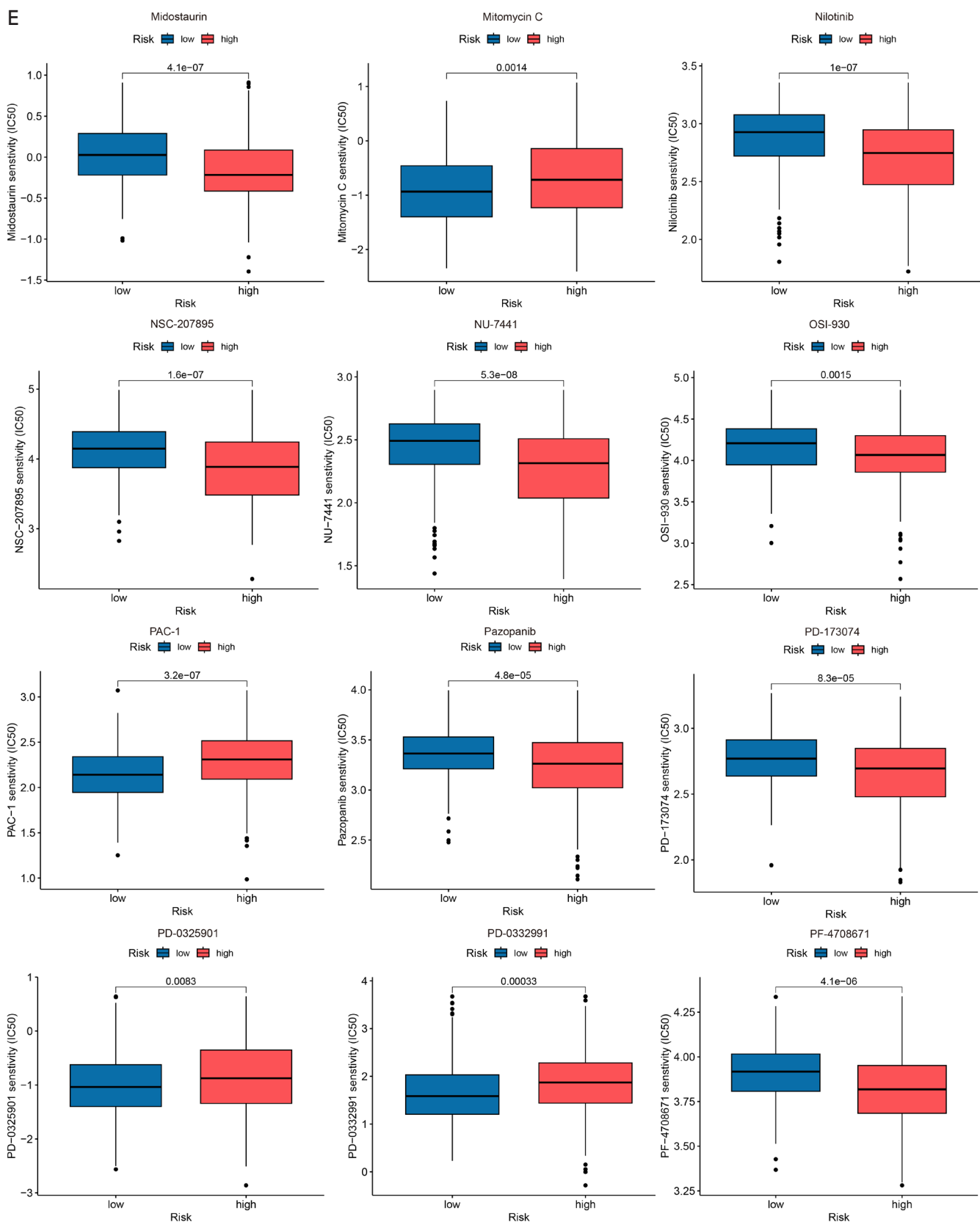
CI, confidence interval; DEMRG, differentially expressed mitophagy-related gene; HR, hazard ratio.

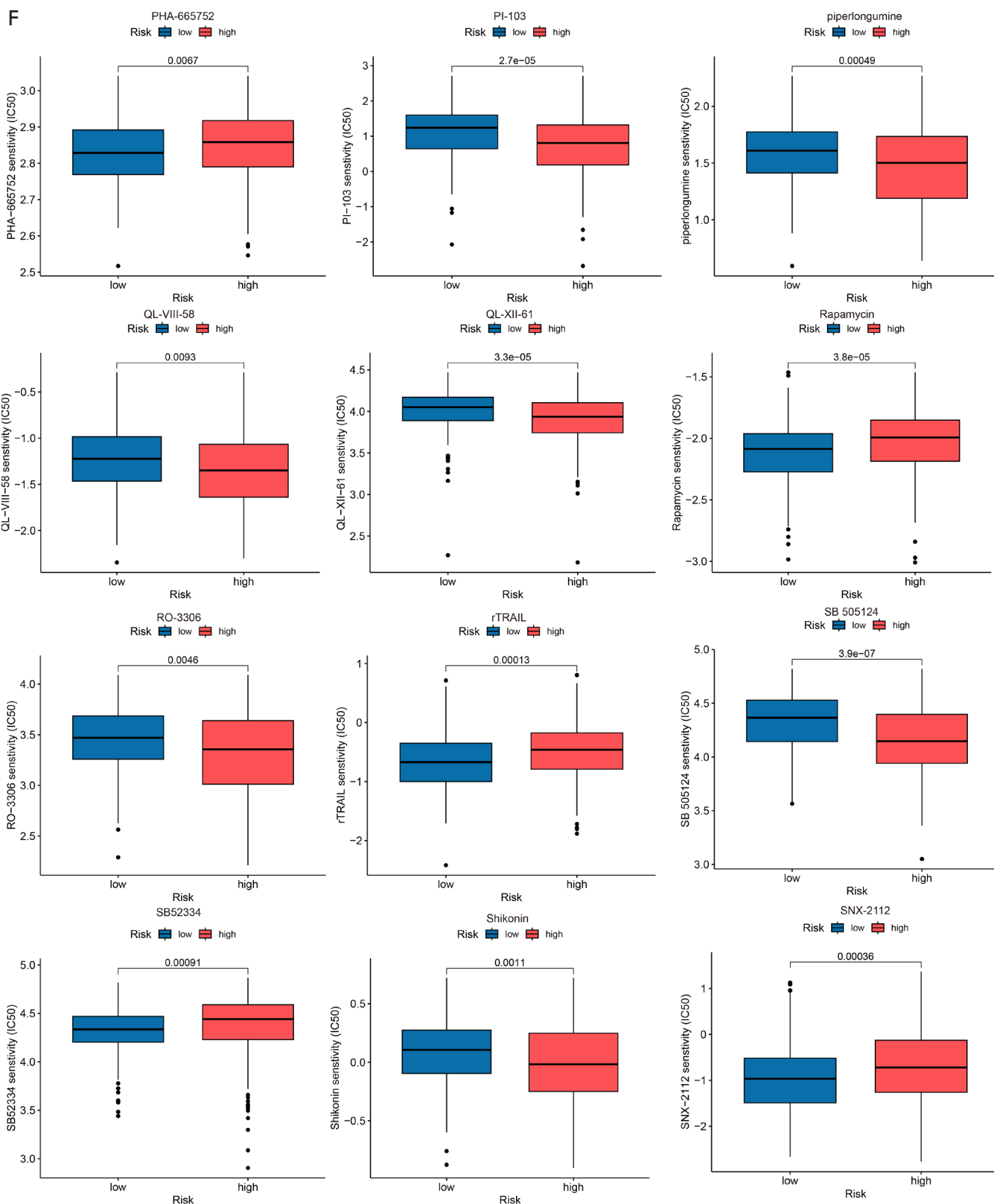


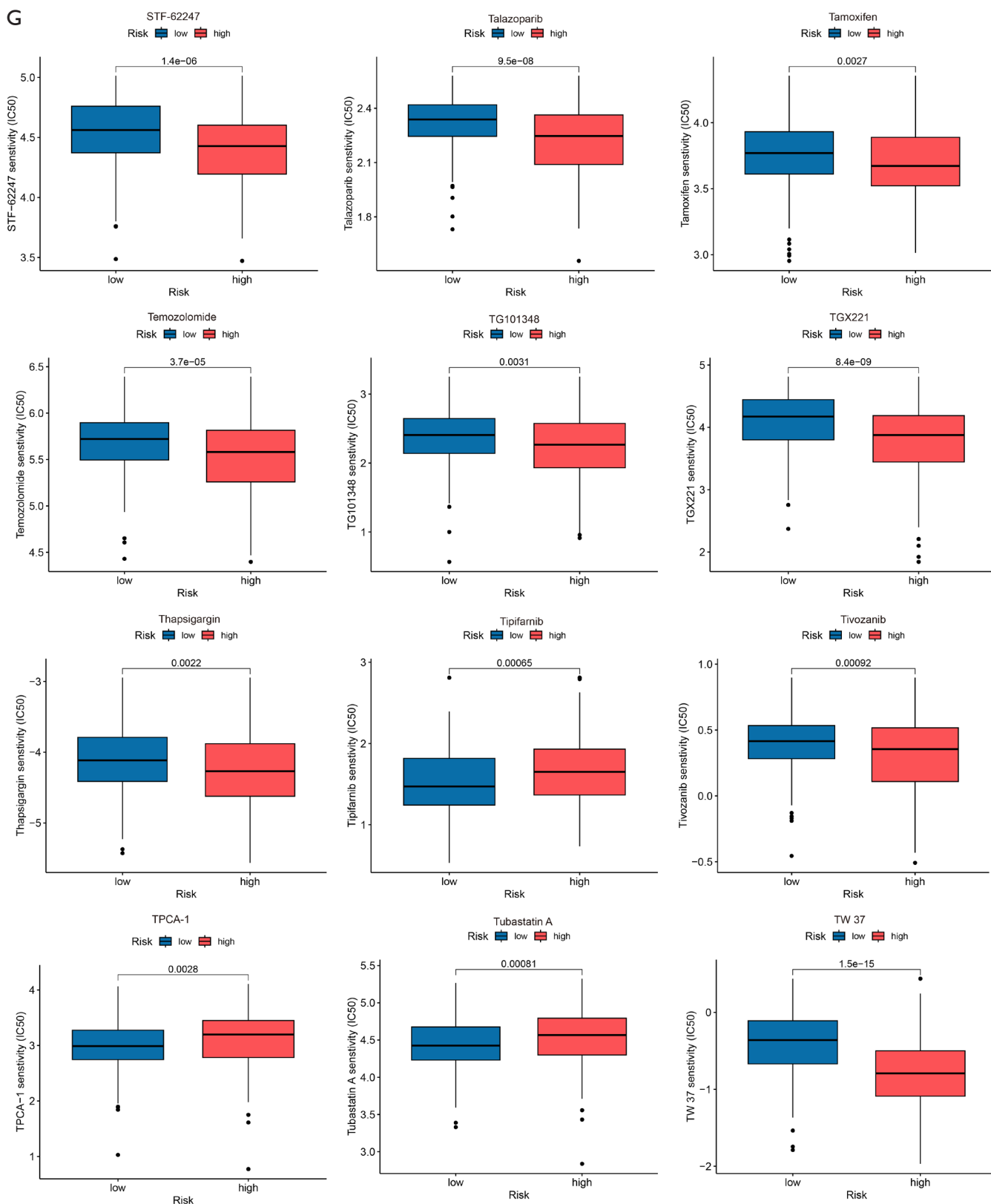












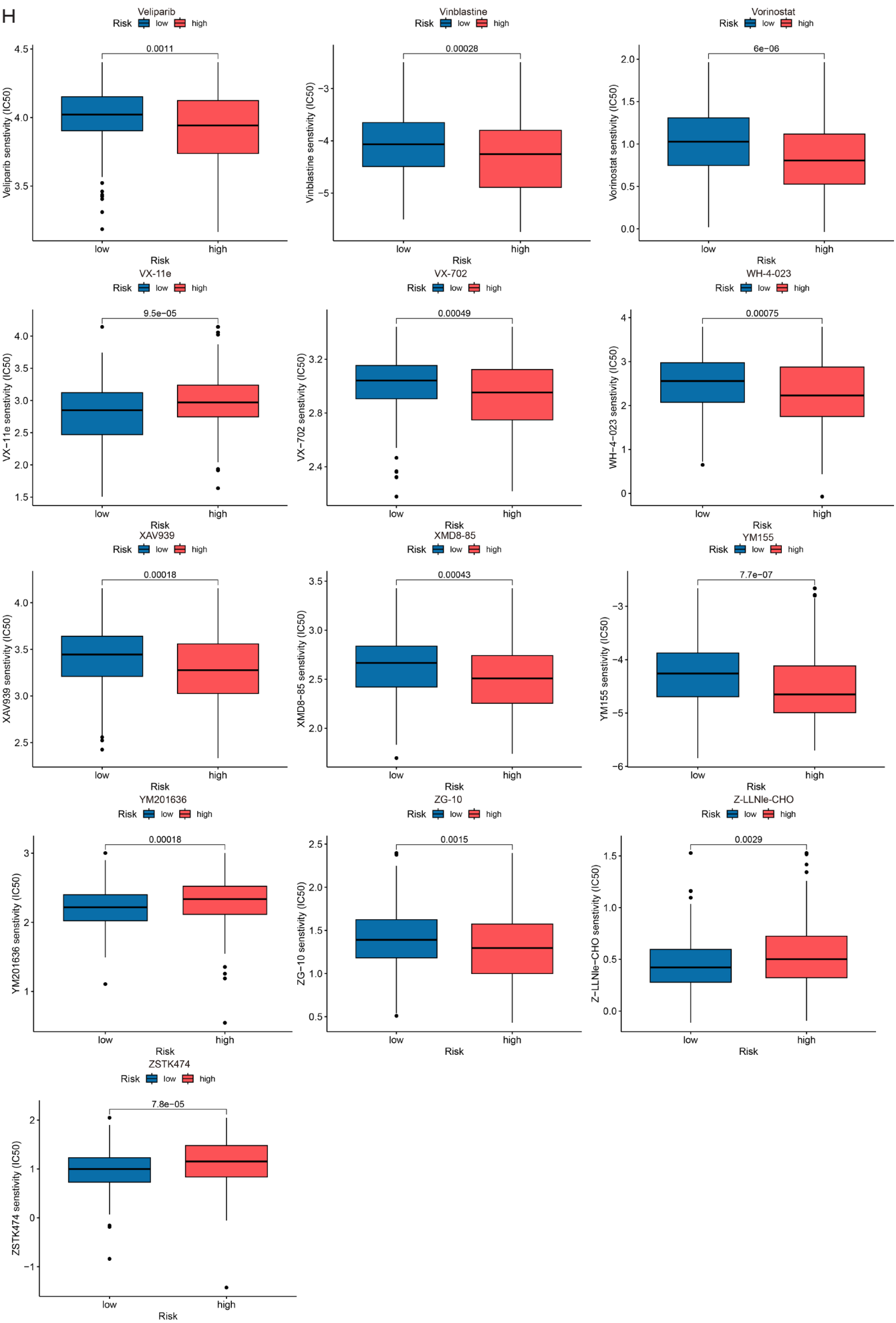


Figure S1 Comparative sensitivity of 97 drugs in the two risk groups. (A) Drug sensitivity (17-AAG, 681640, A-443654, AICAR, AKT inhibitor VIII, AMG-706, AR-42, ATRA, axitinib, AZD7762, bexarotene, BEZ235). (B) Drug sensitivity (BHG712, bosutinib, BX-795, BX-912, CCT007093, CCT018159, CEP-701, CGP-60474, CGP-082996, CH5424802, cisplatin, CMK). (C) Drug sensitivity (CP724714, cyclopamine, docetaxel, EHT 1864, elesclomol, erlotinib, EX-527, FH535, FR-180204, GDC0449, gefitinib, GNF-2). (D) Drug sensitivity (GSK429286A, GSK690693, GSK1904529A, GSK2126458, I-BET-762, KIN001-102, KIN001-260, KU-55933, lapatinib, lenalidomide, linifanib, LY317615). (E) Drug sensitivity (midostaurin, mitomycin C, nilotinib, NSC-207895, NU-7441, OSI-930, PAC-1, pazopanib, PD-173074, PD-0325901, PD-0332991, PF-4708671). (F) Drug sensitivity (PHA-665752, PI-103, piperlongumine, QL-VIII-58, QL-XII-61, rapamycin, RO-3306, rTRAIL, SB 505124, SB52334, shikonin, SNX-2112). (G) Drug sensitivity (STF-62247, talazoparib, tamoxifen, temozolomide, TG101348, TGX221, thapsigargin, tipifarnib, tivozanib, TPCA-1, tubastatin A, TW37). (H) Drug sensitivity (veliparib, vinblastine, vorinostat, VX-11e, VX-702, WH-4-023, XAV939, XMD8-85, YM155, YM201636, ZG-10, Z-LLNle-CHO, ZSTK474). IC₅₀, half-maximal inhibitory concentration.