Study logOR [95%CI] P-value Liu, Melanoma, n = 112 **-1.10** [**-1.86**; **-0.34**] 0.01 Mariathasan, Bladder, n = 133 - 1.01 [-1.77; -0.25]0.01 Fumet.2, Lung, n = 41-0.61 [-1.94; 0.72] 0.37

Mariathasan, Kidney, n = 46 -0.17 [-1.64; 1.30] 0.82

Braun, Kidney, n = 139-0.02 [-0.76; 0.72] 0.96 Total -0.64 [-1.15; -0.13]

Heterogeneity: $\chi_A^2 = 5.35$ (P = .25), $I^2 = 25\%$ [0%; 70%] Test for overall effect: z = -2.45 (P = .01) -1.5 - 0.5 0.511.5Estimated logOR