Source (95% CI) Sequencing = TPM Van_Allen, Melanoma, n = 42 -1.48 [-2.28; -0.68] Snyder, Ureteral, n = 25**-1.15** [**-2.33**; 0.03] Mariathasan, Bladder, n = 194 -0.77 [-1.08; -0.46] Mariathasan, Lymph_node, n = 26 - 0.77 [-1.55; 0.01]Fumet.2, Lung, n = 43-0.72 [-1.70; 0.26] Mariathasan, Kidney, n = 67-0.41 [-0.90; 0.08] Riaz, Melanoma, n = 51-0.41 [-1.02; 0.20] Miao.1, Kidney, n = 33-0.28 [-1.10; 0.54] Mariathasan, Ureteral, n = 26-0.06 [-1.04; 0.92] Braun, Kidney, n = 1780.32 [-0.09; 0.73] -0.52[-0.86; -0.18]Total Heterogeneity: $\chi_0^2 = 26.8 \ (P = .002), \ l^2 = 66\% \ [34\%; 83\%]$ Sequencing = FPKM Nathanson, Melanoma, n = 24 -0.98 [-1.90; -0.06] -0.93[-1.42; -0.44]Liu, Melanoma, n = 121 Hugo, Melanoma, n = 27-0.40 [-1.50; 0.70] -0.87[-1.27; -0.47]Total Heterogeneity: $\chi_2^2 = 0.82$ (P = .66), $I^2 = 0\%$ [0%; 90%] Total -0.58 [-0.86; -0.29] Heterogeneity: $\chi_{12}^2 = 30.71 \ (P = .002), \ I^2 = 61\% \ [28\%; 79\%]$

-1 0

logHR estimate

Test for overall effect: z = -3.97 (P < .001)

Test for subgroup differences: $\chi_1^2 = 1.71$ (P = .19)