Source (95% CI)

Sequencing = TPM

Van_Allen, Melanoma, n = 42 -1.40[-2.44; -0.36]Riaz, Melanoma, n = 51-0.69 [-1.45; 0.07] Mariathasan, Lymph_node, n = 26 - 0.62 [-1.62; 0.38]Snyder, Ureteral, n = 25-0.57 [-1.90; 0.76] Miao.1, Kidney, n = 33-0.47 [-1.67; 0.73] Fumet.2, Lung, n = 43-0.43 [-1.59; 0.73] Mariathasan, Bladder, n = 194-0.33 [-0.72; 0.06] Mariathasan, Kidney, n = 67-0.06 [-0.77; 0.65] Braun, Kidney, n = 1780.42 [-0.11; 0.95] Mariathasan, Ureteral, n = 261.22 [0.10; 2.34] -0.26 [-0.66; 0.14] Total

Heterogeneity: $\chi_0^2 = 20.08 \ (P = .02), I^2 = 55\% \ [9\%; 78\%]$

Sequencing = FPKM

Nathanson, Melanoma, n = 24 -0.91 [-1.95; 0.13] -0.85 [-1.50; -0.20] Liu, Melanoma, n = 121Hugo, Melanoma, n = 270.61 [-0.90; 2.12] -0.69 [-1.21; -0.18] Total Heterogeneity: $\chi_2^2 = 3.26$ (P = .20), $I^2 = 39\%$ [0%; 81%] Total -0.33 [-0.68; 0.03] Heterogeneity: $\chi_{12}^2 = 26.17 \ (P = .01), \ I^2 = 54\% \ [14\%; 75\%]$

Test for overall effect: z = -1.81 (P = .07)

Test for subgroup differences: $\chi_1^2 = 1.73$ (P = .19)

