Source (95% CI)

Sequencing = FPKM

Liu, Melanoma, n = 121 -1.06 [-1.98; -0.14] Nathanson, Melanoma, n = 24 -1.00 [-2.49; 0.49] Hugo, Melanoma, n = 27 1.03 [-1.03; 3.09] Total -0.67 [-1.63; 0.29]

Heterogeneity: $\chi_2^2 = 3.41$ (P = .18), $I^2 = 41\%$ [0%; 82%]

Sequencing = TPM

Miao.1, Kidney, n = 33-0.99 [-2.68; 0.70] -0.94 [-2.14; 0.26] Riaz, Melanoma, n = 51Snyder, Ureteral, n = 25-0.41 [-1.94; 1.12] Van_Allen, Melanoma, n = 42 -0.41 [-1.63; 0.81] Mariathasan, Bladder, n = 194-0.27 [-0.86; 0.32] Mariathasan, Lymph_node, n = 26 - 0.23 [-1.82; 1.36]Braun, Kidney, n = 178-0.08 [-0.71; 0.55] Fumet.2, Lung, n = 430.04 [-1.39; 1.47] Mariathasan, Kidney, n = 670.24 [-0.72; 1.20] Mariathasan, Ureteral, n = 261.68 [0.13; 3.23] -0.16 [-0.47; 0.16] Total Heterogeneity: $\chi_9^2 = 9.2 \ (P = .42), \ I^2 = 2\% \ [0\%; 63\%]$ Total -0.25 [-0.54; 0.04] Heterogeneity: $\chi_{12}^2 = 14.97 \ (P = .24), \ I^2 = 20\% \ [0\%; 58\%]$

Test for overall effect: z = -1.71 (P = .09) Test for subgroup differences: $\chi_1^2 = 0.99$ (P = .32)

