Source (95% CI) Sequencing = FPKM

Hugo, Melanoma, n = 27

Nathanson, Melanoma, n = 24-0.45 [-1.35; 0.45] Liu, Melanoma, n = 121 -0.08 [-0.47; 0.31]

-0.50 [-1.64; 0.64]

-0.17 [-0.51; 0.17] Total

Heterogeneity: $\chi_2^2 = 0.9 (P = .64), I^2 = 0\% [0\%; 90\%]$

Sequencing = TPM

Van_Allen, Melanoma, n = 42 -0.34[-0.93; 0.25]Snyder, Ureteral, n = 25-0.21 [-0.97; 0.55]

-0.06 [-0.33; 0.21] Mariathasan, Bladder, n = 194

Mariathasan, Kidney, n = 67-0.03 [-0.48; 0.42] Fumet.2, Lung, n = 430.06 [-0.61; 0.73]

Mariathasan, Lymph_node, $n = 26 \ 0.06 \ [-0.78; \ 0.90]$

Mariathasan, Ureteral, n = 260.13 [-0.63; 0.89]

Braun, Kidney, n = 1780.24[-0.09; 0.57]0.01 [-0.16; 0.17]

Heterogeneity: $\chi_7^2 = 3.92 \ (P = .79), \ I^2 = 0\% \ [0\%; 68\%]$

Total -0.03 [-0.17; 0.12]

Heterogeneity: $\chi_{10}^2 = 5.68$ (P = .84), $I^2 = 0\%$ [0%; 60%] Test for overall effect: z = -0.33 (P = .74)

Test for subgroup differences: $\chi_1^2 = 0.86$ (P = .35)

