## Source (95% CI)

## Sequencing = TPM

Riaz, Melanoma, n = 51-0.74[-1.45; -0.03]Mariathasan, Kidney, n = 67-0.34 [-0.91; 0.23] Miao.1, Kidney, n = 33-0.14[-0.98; 0.70]-0.12 [-0.51; 0.27] Braun, Kidney, n = 178Mariathasan, Lymph\_node, n = 26 -0.10 [-1.04; 0.84]Mariathasan, Bladder, n = 194-0.05[-0.40; 0.30]Snyder, Ureteral, n = 250.06 [-0.90; 1.02] Fumet.2, Lung, n = 430.23 [-0.55; 1.01] Van\_Allen, Melanoma, n = 42 0.55 [-0.19; 1.29] Mariathasan, Ureteral, n = 26 1.34 [ 0.36; 2.32] -0.01 [-0.27; 0.25] Total Heterogeneity:  $\chi_0^2 = 15.61 \ (P = .08), \ I^2 = 42\% \ [0\%; 72\%]$ 

## Sequencing = FPKM

Hugo, Melanoma, n = 27 -0.29 [-1.45; 0.87] -0.26 [-0.77; 0.25] Liu, Melanoma, n = 121 -0.22 [-1.20; 0.76] Nathanson, Melanoma, n = 24-0.26 [-0.68; 0.16] Total Heterogeneity:  $\chi_2^2 = 0.01 \ (P > .99), \ I^2 = 0\% \ [<0\%; <90\%]$ Total -0.08 [-0.25; 0.09] Heterogeneity:  $\chi_{12}^2 = 16.43 \ (P = .17), \ I^2 = 27\% \ [0\%; 62\%]$ Test for overall effect: z = -0.90 (P = .37) Test for subgroup differences:  $\chi_1^2 = 0.94$  (P = .33)

