## Source (95% CI)

## Sequencing = TPM

Fumet.2, Lung, n = 41-2.45[-4.16; -0.74]Mariathasan, Kidney, n = 46-2.35[-4.53; -0.17]Snyder, Ureteral, n = 22-1.69 [-3.63; 0.25] -1.55 [-3.41; 0.31] Jung, Lung, n = 26Mariathasan, Bladder, n = 133 - 1.43 [-2.21; -0.65]Riaz, Melanoma, n = 33-1.29 [-2.88; 0.30] Van Allen, Melanoma, n = 39 -0.96 [-2.53; 0.61] Miao.1, Kidney, n = 28-0.63 [-2.20; 0.94] Fumet.1, Lung, n = 39-0.33 [-1.72; 1.06] Braun, Kidney, n = 139-0.06 [-0.80; 0.68] -1.08[-1.63; -0.53]Total Heterogeneity:  $\chi_0^2 = 13.54$  (P = .14),  $I^2 = 34\%$  [0%; 68%]

## Sequencing = FPKM

Nathanson, Melanoma, n = 24 -1.44 [-3.18; 0.30] Liu, Melanoma, n = 112 -1.26 [-2.04; -0.48] Hugo, Melanoma, n = 27 -0.44 [-1.97; 1.09] Total -1.14 [-1.79; -0.49] Heterogeneity:  $\chi_2^2$  = 1.01 (P = .60),  $I^2$  = 0% [0%; 90%] Total -1.06 [-1.49; -0.63] Heterogeneity:  $\chi_{12}^2$  = 14.77 (P = .25),  $I^2$  = 19% [0%; 57%] Test for overall effect: z = -4.84 (P < .001) Test for subgroup differences:  $\chi_1^2$  = 0.02 (P = .90)

