## Study logHR [95%CI] P-value 0.06 Nathanson, Melanoma, n = 24-1.00 [-2.04; 0.04] Mariathasan, Lymph\_node, n = 26 - 0.96 [-1.92; 0.00]0.05 Hwang, Lung, n = 21-0.70 [-1.80; 0.40] 0.21 Liu, Melanoma, n = 121 -0.37 [-0.88; 0.14] 0.16 0.04 Mariathasan, Bladder, n = 194-0.37 [-0.72; -0.02] Van Allen, Melanoma, n = 42 -0.35 [-1.09; 0.39] 0.36 0.35 Riaz. Melanoma. n = 51 -0.32 [-1.01: 0.37] Miao.1, Kidney, n = 33-0.30 [-1.16; 0.56] 0.50 Mariathasan, Kidney, n = 67-0.19 [-0.76; 0.38] 0.52 Fumet.2, Lung, n = 43-0.13 [-0.91; 0.65] 0.75 Mariathasan, Ureteral, n = 260.87 -0.08 [-1.02; 0.86] Snyder, Ureteral, n = 25-0.04 [-1.00: 0.92] 0.93 0.26 [-0.13; 0.65] Braun, Kidney, n = 1780.19 Hugo, Melanoma, n = 270.53 [-0.63; 1.69] 0.37

Total -0.24 [-0.44; -0.03]Heterogeneity:  $\chi_{13}^2 = 14.10 \ (P = .37), \ I^2 = 8\% \ [0\%; 45\%]$ Test for overall effect:  $z = -2.29 \ (P = .02)$   $-1.5 \ -0.5 \ 0.5 \ 1 \ 1.5$  logHR estimate