PAM50 LumA: N = 721 PAM50 LumB: N = 492 GRB7|ILMN_1798582 GRB7|ILMN_1798582 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.60128No detectable trend: [<=60] p = 0.29777No detectable trend: 16 16 [>60] p = 0.044002 [>60] p = 0.74918 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.74861[All] p = 0.489354 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis **PAM50 Basal: N = 331** PAM50 Her2: N = 240GRB7|ILMN_1798582 GRB7|ILMN_1798582 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.065532No detectable trend: [<=60] p = 0.28434No detectable trend: 16 16 [>60] p = 0.24124 [>60] p = 0.72714 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 3.8485e - 07[All] p = 0.546274 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ ∞ 9 9 20 40 60 80 100 20 40 60 80 100

Age at diagnosis

Age at diagnosis

PAM50 Normal: N = 202 GRB7|ILMN_1798582

NKI Tier 1: non-ER binding; Tier 2: ER binding

