PAM50 LumA: N = 721 PAM50 LumB: N = 492 STAT6|ILMN_1763198 STAT6|ILMN_1763198 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.97599[<=60] p = 0.88867No detectable trend: No detectable trend: 16 16 [>60] p = 0.24186[>60] p = 0.70061|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.69614[AII] p = 0.269424 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 Her2: N = 240**PAM50 Basal: N = 331** STAT6|ILMN_1763198 STAT6|ILMN_1763198 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.59798No detectable trend: [<=60] p = 0.87841No detectable trend: 16 16 [>60] p = 0.13441 [>60] p = 0.9004|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.20609[AII] p = 0.909314 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10

ω

9

20

40

60

Age at diagnosis

80

100

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9

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 STAT6|ILMN_1763198

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

