**PAM50 LumB: N = 492 PAM50 LumA: N = 721** NTN3|ILMN\_1680274 NTN3|ILMN\_1680274 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.17968No detectable trend: [<=60] p = 0.88097No detectable trend: 16 16 [>60] p = 0.33249[>60] p = 0.21977 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 1.8318e - 08[AII] p = 0.280874 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω 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 NTN3|ILMN\_1680274 NTN3|ILMN\_1680274 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.73903No detectable trend: [<=60] p = 0.38453No detectable trend: 9 9 [>60] p = 0.69442 [>60] p = 0.19651 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.37741[AII] p = 0.00427264 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

## PAM50 Normal: N = 202 NTN3|ILMN\_1680274

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

