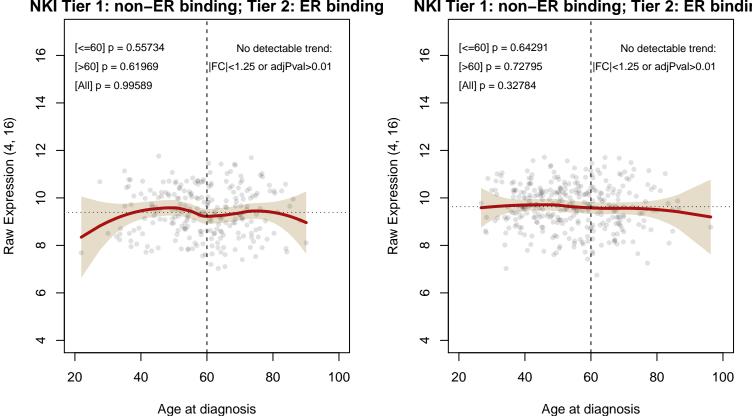
**PAM50 LumA: N = 721 PAM50 LumB: N = 492** STAT1|ILMN\_1690105 STAT1|ILMN\_1690105 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.21369No detectable trend: [<=60] p = 0.69763No detectable trend: 16 16 [>60] p = 0.97004[>60] p = 0.080204 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.25856[AII] p = 0.257174 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** STAT1|ILMN\_1690105 STAT1|ILMN\_1690105 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.55734No detectable trend: [<=60] p = 0.64291No detectable trend: 16 9 [>60] p = 0.61969 [>60] p = 0.72795 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.99589[All] p = 0.32784



PAM50 Normal: N = 202 STAT1|ILMN\_1690105

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

