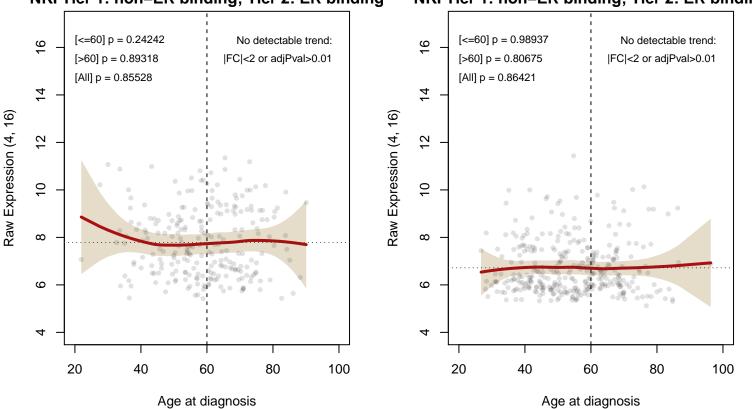
**PAM50 LumA: N = 721 PAM50 LumB: N = 492** SLC7A2|ILMN\_1781400 SLC7A2|ILMN\_1781400 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.0056754 No detectable trend: [<=60] p = 0.50778No detectable trend: 16 16 [>60] p = 0.33187[>60] p = 0.58685|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 5.5681e-07[AII] p = 0.0114524 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** Basal: **N** = 331 PAM50 Her2: N = 240SLC7A2|ILMN\_1781400 SLC7A2|ILMN\_1781400 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.24242No detectable trend: [<=60] p = 0.98937No detectable trend: 9 9 [>60] p = 0.89318|FC|<2 or adjPval>0.01 [>60] p = 0.80675 |FC|<2 or adjPval>0.01 [AII] p = 0.85528[AII] p = 0.864214 4 12 12



PAM50 Normal: N = 202 SLC7A2|ILMN\_1781400

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

