**PAM50 LumA: N = 721** ATM|ILMN\_1779214 NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.30325No detectable trend: 16 [>60] p = 0.76567 |FC|<1.25 or adjPval>0.01 [All] p = 0.144334 Raw Expression (4, 16) 12 10

ω

9

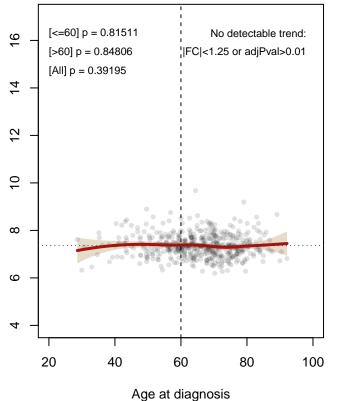
Raw Expression (4, 16)

20

40

**PAM50 LumB: N = 492** ATM|ILMN\_1779214

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



Raw Expression (4, 16)

Raw Expression (4, 16)

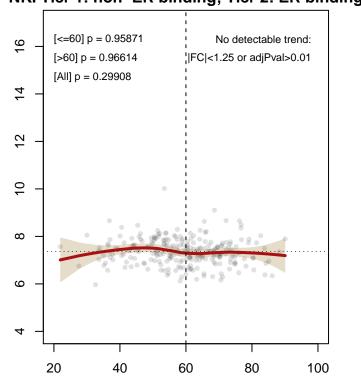
PAM50 Her2: N = 240ATM|ILMN\_1779214 NKI Tier 1: non-ER binding; Tier 2: ER binding

60

Age at diagnosis

80

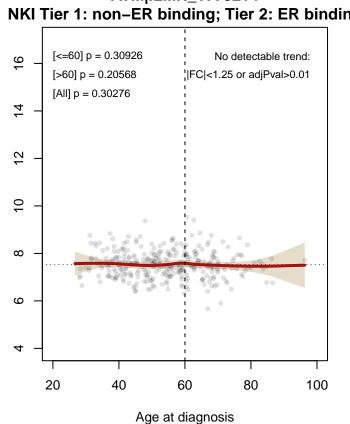
100



Age at diagnosis

ATM|ILMN\_1779214 NKI Tier 1: non-ER binding; Tier 2: ER binding

**PAM50 Basal: N = 331** 



## PAM50 Normal: N = 202 ATM|ILMN\_1779214

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

