iClust 1: N = 140iClust 2: N = 72 G9a|ILMN\_1751081 G9a|ILMN\_1751081 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.46486 [<=60] p = 0.64954No detectable trend: No detectable trend: 16 16 [>60] p = 0.42814 |FC|<4 or adjPval>0.01 [>60] p = 0.8659 |FC|<4 or adjPval>0.01 [AII] p = 0.83252[AII] p = 0.817264 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 9



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Age at diagnosis

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100

100

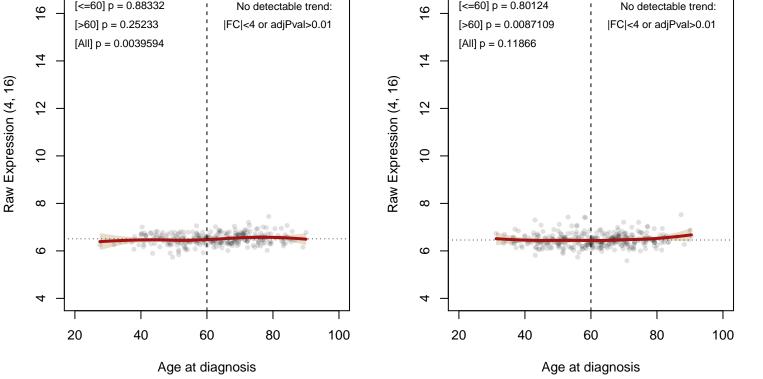
20

40

60

Age at diagnosis

80



iClust 5: N = 191 iClust 6: N = 86 G9a|ILMN\_1751081 G9a|ILMN\_1751081 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.42899[<=60] p = 0.32233No detectable trend: No detectable trend: 16 16 [>60] p = 0.3425 [>60] p = 0.98286|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.38432[AII] p = 0.22754 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis iClust 7: N = 193iClust 8: N = 300G9a|ILMN\_1751081 G9a|ILMN\_1751081 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.57628[<=60] p = 0.02083No detectable trend: No detectable trend: 16 16 [>60] p = 0.26314 |FC|<4 or adjPval>0.01 [>60] p = 0.022699 |FC|<4 or adjPval>0.01 [All] p = 0.74995[AII] p = 0.0629784 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 

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Age at diagnosis

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Age at diagnosis

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100

iClust 9: N = 146 G9a|ILMN\_1751081 iClust 10: N = 226 G9a|ILMN\_1751081

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

