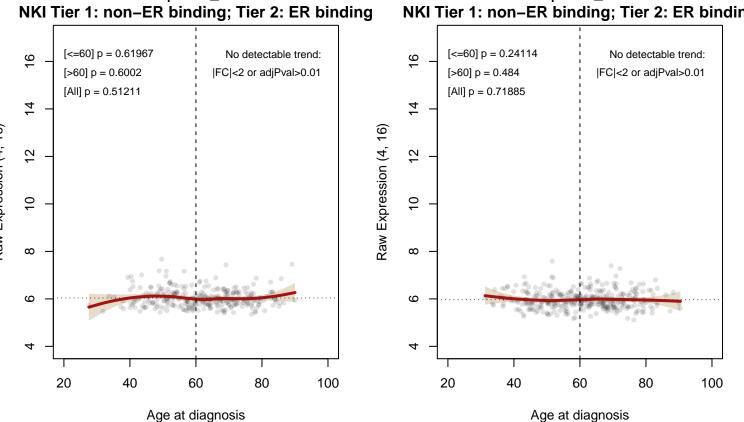
iClust 1: N = 140 iClust 2: N = 72 SMAD7|ILMN\_2203896 SMAD7|ILMN\_2203896 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.14314No detectable trend: [<=60] p = 0.057424No detectable trend: 16 16 [>60] p = 0.29936 [>60] p = 0.19619 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.045787[AII] p = 0.99014 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 iClust 3: N = 294iClust 4: N = 344 SMAD7|ILMN\_2203896 SMAD7|ILMN\_2203896 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.61967No detectable trend: [<=60] p = 0.24114No detectable trend: 16 16 [>60] p = 0.6002|FC|<2 or adjPval>0.01 [>60] p = 0.484|FC|<2 or adjPval>0.01 [All] p = 0.51211[All] p = 0.718854 4 Raw Expression (4, 16) 12 12



iClust 5: N = 191 iClust 6: N = 86 SMAD7|ILMN\_2203896 SMAD7|ILMN\_2203896 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.16551No detectable trend: [<=60] p = 0.75752No detectable trend: 16 16 [>60] p = 0.082845 [>60] p = 0.62633 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.52912[AII] p = 0.456244 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 iClust 7: N = 193 iClust 8: N = 300 SMAD7|ILMN\_2203896 SMAD7|ILMN\_2203896 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.94107No detectable trend: [<=60] p = 0.97505No detectable trend: 16 16 [>60] p = 0.95323|FC|<2 or adjPval>0.01 [>60] p = 0.069731 |FC|<2 or adjPval>0.01 [AII] p = 0.48707[AII] p = 0.201784 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω

9

20

40

60

Age at diagnosis

80

100

9

20

40

60

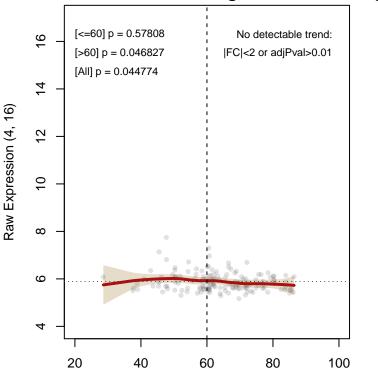
Age at diagnosis

80

100

iClust 9: N = 146 SMAD7|ILMN\_2203896

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



Age at diagnosis

iClust 10: N = 226 SMAD7|ILMN\_2203896

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

