iClust 1: N = 140 iClust 2: N = 72 PDGFRA|ILMN_1681949 (non-ER binding) PDGFRA|ILMN_1681949 (non-ER binding) [<=60] p = 0.015801 No detectable trend: [<=60] p = 0.89912No detectable trend: 16 16 [>60] p = 0.70208[>60] p = 0.23028 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 7.5598e - 06[AII] p = 0.00237734 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 = 294 iClust 4: N = 344 PDGFRA|ILMN_1681949 (non-ER binding) PDGFRA|ILMN_1681949 (non-ER binding) [<=60] p = 0.045048Age-dependent trend: [<=60] p = 0.19169Age-dependent trend: 16 16 [>60] p = 0.01221 |FC|>2 and adjPval<0.01 [>60] p = 2.7287e-05 |FC|>2 and adjPval<0.01 [AII] p = 1.9098e - 14[AII] p = 4.2652e - 094 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 5: N = 191 iClust 6: N = 86 PDGFRA|ILMN_1681949 (non-ER binding) PDGFRA|ILMN_1681949 (non-ER binding) [<=60] p = 0.023408No detectable trend: [<=60] p = 0.45572No detectable trend: 16 16 [>60] p = 0.04356[>60] p = 0.76457|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.0028277[AII] p = 1.3242e - 054 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 PDGFRA|ILMN_1681949 (non-ER binding) PDGFRA|ILMN_1681949 (non-ER binding) [<=60] p = 0.012021 [<=60] p = 0.030571No detectable trend: Age-dependent trend: 16 16 [>60] p = 0.086717|FC|<2 or adjPval>0.01 [>60] p = 0.018113 |FC|>2 and adjPval<0.01 [AII] p = 9.2189e - 05[All] p = 4.839e - 104 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 9: N = 146 PDGFRA|ILMN_1681949 (non-ER binding)

iClust 10: N = 226 PDGFRA|ILMN_1681949 (non-ER binding)

