iClust 1: N = 140 iClust 2: N = 72 LGALS7B|ILMN\_1658569 (non-ER binding) LGALS7B|ILMN\_1658569 (non-ER binding) [<=60] p = 0.17575 No detectable trend: [<=60] p = 0.941No detectable trend: 16 16 [>60] p = 0.27307 [>60] p = 0.070456|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.026447[AII] p = 0.513464 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 4: N = 344 iClust 3: N = 294 LGALS7B|ILMN\_1658569 (non-ER binding) LGALS7B|ILMN\_1658569 (non-ER binding) [<=60] p = 0.051144No detectable trend: [<=60] p = 0.43895No detectable trend: 16 16 [>60] p = 0.02036|FC|<4 or adjPval>0.01 [>60] p = 0.31936 |FC|<4 or adjPval>0.01 [All] p = 8.5181e-08[AII] p = 0.0107094 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 LGALS7B|ILMN\_1658569 (non-ER binding) LGALS7B|ILMN\_1658569 (non-ER binding) [<=60] p = 0.45487No detectable trend: [<=60] p = 0.63491No detectable trend: 16 16 [>60] p = 0.87758 [>60] p = 0.12639 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.0516[AII] p = 0.0573464 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 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 LGALS7B|ILMN\_1658569 (non-ER binding) LGALS7B|ILMN\_1658569 (non-ER binding) [<=60] p = 0.010987No detectable trend: [<=60] p = 0.4424No detectable trend: 16 16 [>60] p = 0.16763|FC|<4 or adjPval>0.01 [>60] p = 0.0030035 |FC|<4 or adjPval>0.01 [AII] p = 0.0042465[AII] p = 2.7276e - 104 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis

iClust 9: N = 146 LGALS7B|ILMN\_1658569 (non-ER binding)

iClust 10: N = 226 LGALS7B|ILMN\_1658569 (non-ER binding)

