

Supplementary File S3. The ExpressCluster analysis of unique and common expression profiles among the downstream targets of Notch signaling.

I - TCGA data

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ADD3		0.97181
							APPL2		0.98714
							ARHGAP5		0.96644
							ATP11A		0.91187
							ATP6V1A		0.96865
							BCL2L11		0.94849
							CAMSAP2		0.97594
							CLINT1		0.92067
							DCUN1D1		0.97113
							EEA1		0.97924
							EFR3B		0.92157
							ENPP4		0.96108
							HBP1		0.95812
							HCFC2		0.93946
							HERC3		0.97717
							INVS		0.97105
							KPNB1		0.91854
							MSI2		0.94072
							NAA50		0.85992
							NEK7		0.98948
							ORC4		0.85088
							PANK3		0.98444
							PDHX		0.93406
							PPP2R5E		0.94016
							PRSS3		0.86419
							RAP1A		0.95686
							RB1		0.96243
							RB1CC1		0.96603
							RDX		0.95899
							RECQL		0.95796
							RNF38		0.95897
							SHOC2		0.98962
							SPTLC1		0.99625
							TBC1D23		0.97899
							TPD52		0.91848
							TULP2		0.70590
							AMOTL1		0.95136
							BROX		0.98263
							GIMAP5		0.84710
							ARFGEF1		0.95418
							BTAF1		0.90947
							CMTM6		0.96450
							EXOC2		0.99017
							FGL1		0.70590
							GATA1		0.84731
							GOLGA4		0.97765
							GSTCD		0.94569
							HIF1A		0.95830
							HOXA6		0.89214
							HOXC8		0.70590
							MPP4		0.86316
							MYO7A		0.92219
							NBN		0.89372
							OSBPL11		0.97574
							PPP1R12A		0.94402
							PROX1		0.70590
							R3HDM1		0.90445
							SCGB1A1		0.70590
							SLC26A7		0.84587
							SPINK2		0.86100
							SPOPL		0.90489
							SRPK2		0.83750
							TMOD3		0.97639
							UBQLN1		0.97871
							VRK2		0.99310
							WDR44		0.97964
							WDR47		0.97322
							PRPF40A		0.90427
							ORM1		0.70590
							SLC38A3		0.87789
							CNGA4		0.84314
							FANCM		0.96667
							FRS2		0.96683
							GFM1		0.99225
							KCNK4		0.70590
							KIAA0895		0.97443
							KIF5A		0.70590
							MFAP3		0.92361
							NFXL1		0.85530
							PHC3		0.89428
							PTPN11		0.97565
							REEP3		0.96568
							RSRC1		0.96248
							ZFP91		0.97591
							ZHX1		0.96097

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ACSL1		0.97179
							ARHGAP24		0.96868
							ARHGAP29		0.97277
							ATXN3		0.97985
							BZW1		0.94224
							CARD8		0.99101
							DYNC1I2		0.91077
							EGLN1		0.98637
							ELF1		0.97124
							FHDC1		0.96552
							GNPTAB		0.92329
							GRAMD1B		0.96306
							LRCH1		0.98339
							RAP2A		0.98241
							RCOR3		0.98108
							RSBN1		0.94213
							SEC14L1		0.92024
							SNX9		0.93531
							SORL1		0.98323
							TIAM1		0.92962
							WDFY2		0.85342
							HSPA1L		0.97809
							ALDH1L2		0.96677
							ALX4		0.88353
							C2orf49		0.96131
							CD109		0.95126
							CDH10		0.91629
							CYBRD1		0.97164
							DCAF5		0.99057
							EML1		0.91764
							FBXO3		0.94357
							GRIP1		0.88621
							KDM6A		0.91657
							LAMC1		0.97875
							NID1		0.97327
							PAPOLG		0.98859
							PPEF1		0.95502
							RNF144A		0.88869
							SPARCL1		0.96462
							THSD7B		0.80093
							TMEM154		0.92540
							ZBTB8A		0.96146
							C17orf80		0.97485
							CHM		0.96434
							CLSTN3		0.92343
							EIF5A2		0.98693
							LCK		0.97395
							LRP1		0.90196
							MAP3K5		0.94541
							RYR1		0.85558

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ACE2	0.93384	
							ANKRD12	0.96662	
							ANKRD14	0.97765	
							ANKRD15	0.91119	
							ANKRD16	0.96842	
							ANKRD17	0.96842	
							ANKRD18	0.97793	
							ANKRD19	0.91629	
							ANKRD20	0.97793	
							ANKRD21	0.97793	
							ANKRD22	0.96277	
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							ANKRD224	0.97793	
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	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BLZF1		0.97057
							CLDN12		0.93440
							G2E3		0.95768
							LRIF1		0.98523
							MAP4K3		0.98962
							NKTR		0.78342
							RAB21		0.95419
							SESN1		0.95651
							TANK		0.97046
							UHMK1		0.98544
							UPRT		0.97147
							WWC2		0.99271
							ACTR2		0.98996
							ATF1		0.98105
							FAM199X		0.98525
							IMPG2		0.89113
							LPGAT1		0.90416
							MOB1A		0.97420
							SENP6		0.92545
							SMAP1		0.97975
							TWSG1		0.95296
							GLIPR1L2		0.97278
							TMEM135		0.97417
							TOP1		0.98591
							TRUB1		0.92937

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CSRNP1		0.95191
							DTNB		0.96026
							ETV2		0.98558
							GADD45G		0.95041
							LPCAT3		0.97131
							NR4A1		0.95161
							PLEKHA6		0.99319
							PTPRS		0.97878
							ZNF18		0.95703
							ZNF215		0.95271
							SPTBN4		0.96678
							ADHFE1		0.97379
							AKAP3		0.93628
							BOC		0.96467
							C7		0.95253
							CAMKMT		0.99947
							CBX7		0.96069
							CHST8		0.90281
							CNKSR2		0.94051
							CRTC1		0.98922
							DGCR2		0.95141
							EMILIN2		0.83251
							FAAH		0.93922
							GALM		0.97628
							IQSEC3		0.98253
							MUC5B		0.78571
							MYBPC2		0.84267
							PGR		0.96897
							PML		0.85320
							SEMA3F		0.98100
							SLC4A10		0.84661
							ALG14		0.97930
							GGT7		0.94480
							ITGA2		0.97457
							PAOX		0.96338
							PHLDB3		0.95854
							PIWIL2		0.89029
							SLC25A35		0.99002
							SPG7		0.94016
							TMEM125		0.96983
							TMEM198		0.86056

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ACER3		0.97769
							ADAM17		0.98787
							CALCOCO2		0.96145
							CDK8		0.96500
							CEP85		0.91529
							DIP2B		0.95302
							FAM126A		0.94519
							FMR1		0.96343
							FUBP3		0.96536
							GABPB2		0.89739
							GMCL1		0.91411
							KLHL24		0.96340
							LMBR1		0.99489
							NEK4		0.96131
							PDCD10		0.91219
							RABGAP1L		0.96103
							SMG1		0.92521
							ST3GAL1		0.97234
							STAG2		0.97925
							TAF2		0.99560
							TBCEL		0.93427
							TNIK		0.90024
							UBE3C		0.96664
							VGLL4		0.93347
							VCPIP1		0.97773
							XPOT		0.94584
							ADNP		0.95149
							AHCTF1		0.95219
							ANKIB1		0.97203
							CCAR1		0.94499
							EAF1		0.92452
							GAB1		0.95584
							GNA13		0.97811
							GUCY2C		0.93067
							HLTF		0.96545
							IL17RD		0.88620
							MTDH		0.93841
							NCK1		0.99428
							NEDD1		0.94341
							PGK1		0.94707
							PHF20L1		0.98034
							PKD2		0.94656
							RALGPS1		0.93411
							RBL1		0.95395
							RCOR1		0.98687
							RRM2B		0.96360
							SLC25A24		0.98457
							STAG1		0.93693
							STK4		0.95388
							TAC1		0.91462
							TRAM1		0.94691
							JRKL		0.97417
							NR2C2		0.95653
							PPP4R2		0.98487
							BMI1		0.82809
							CASP8AP2		0.88276
							DDX39B		0.92727
							FOXP2		0.95223
							GOLIM4		0.95902
							HOXC6		0.95802
							JAG1		0.98879
							JMJD1C		0.94495
							OCLN		0.96201
							OTUD4		0.98378
							PAWR		0.96325
							PRDM10		0.96393
							RRAGC		0.92790
							ZBTB11		0.96926
							ZBTB6		0.97211

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CERK		0.92289
							GLT8D2		0.93568
							PLEKHH2		0.94602
							PREX1		0.97269
							SLCO1A2		0.88436
							TMCC2		0.85872
							TRIM22		0.93330
							UNC5B		0.94207
							MVP		0.94674
							NOTCH4		0.94194
							PLEKHG2		0.92442
							SLC1A7		0.87089
							ELFN1		0.92406
							ADAM19		0.88480
							COL21A1		0.93585
							DOCK6		0.95879
							GRAMD1A		0.95369
							ISM1		0.92115
							JAM2		0.96747
							KSR1		0.92593
							NLRP1		0.95787
							OSBPL6		0.93079
							PDGFRB		0.87184
							RASGRF1		0.91607
							RHOJ		0.97400
							SLFN13		0.90839
							ST6GAL2		0.82551
							TIMP2		0.99011
							USHBP1		0.98223
							XAF1		0.88835
							COL18A1		0.96385
							TGM2		0.98068
							ZNF521		0.92902
							GPR146		0.90659
							NBEAL2		0.96061
							SLCO3A1		0.96678
							TGFBR2		0.90054
							TMEM63C		0.87817
							TRPV2		0.71980

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ABL1		0.96181
							AKAP10		0.97756
							AKAP9		0.98111
							ATP13A3		0.96199
							DNAJC13		0.98678
							GCLM		0.95980
							GNAQ		0.98314
							HIVEP1		0.99353
							ITCH		0.97483
							JAK2		0.94078
							KAT6A		0.97060
							KIF2A		0.98023
							KIF3A		0.94255
							LYPLA1		0.94969
							MAPK8		0.90263
							METTL14		0.96291
							NAA25		0.96225
							NCOA2		0.99510
							NCOR1		0.96152
							PANX1		0.95755
							PARP8		0.99175
							PTPN21		0.92087
							PUS7L		0.97504
							RBM27		0.97483
							RC3H2		0.97300
							ROCK2		0.97687
							RSF1		0.98400
							SLC38A1		0.96828
							SP4		0.95865
							SPATA5		0.90396
							STAT1		0.99156
							STEAP1B		0.81930
							TCEANC2		0.95325
							THUMPD3		0.96227
							TRAPPC8		0.98034
							UEVLD		0.98809
							UHRF1BP1		0.97807
							UHRF1BP1L		0.98398
							USH2A		0.86863
							USP25		0.98023
							ZNF41		0.99026
							ZNF800		0.97066
							CDK12		0.92340
							DDX21		0.99501
							STT3B		0.98378
							ATP2A2		0.98959
							SOWAHC		0.99297
							TMCC1		0.98703
							BBX		0.99003
							CCL28		0.88080
							CDC27		0.95219
							CLTC		0.97661
							DOCK7		0.98208
							EPB41L5		0.97359
							FBXO21		0.99045
							FILIP1		0.99655
							GUCY1A2		0.92742
							HACE1		0.92448
							L2HGDH		0.99601
							MARVELD2		0.96399
							MED13		0.95712
							MMRN1		0.93714
							MYH10		0.92034
							NEK1		0.93232
							NPAT		0.98451
							PEX1		0.97058
							PIK3CB		0.95381
							PPP2R3A		0.98704
							RIF1		0.98558
							SLC35F5		0.94819
							SLK		0.98588
							CTNNB1		0.96926
							LRRC58		0.99177
							SLC5A3		0.98015
							ZNF91		0.98232
							C5orf51		0.93012
							DCAF12		0.95642
							EIF2AK2		0.94110
							FBXL14		0.98580
							GTF3C4		0.97673
							INTS2		0.96585
							LIN52		0.96674
							NSUN3		0.97983
							PPTC7		0.94834
							SOWAHB		0.96898
							TOPORS		0.97173
							WIPF2		0.94752
							ZNF148		0.98993
							ZNF791		0.98795

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ANAPC1		0.99232
							ARID4A		0.98198
							ARID4B		0.96815
							BDP1		0.94719
							CPEB4		0.95536
							DCAF17		0.94782
							DGKH		0.97049
							DHX8		0.97021
							DNM2		0.95063
							FAM214B		0.94863
							GBP3		0.94213
							IKZF2		0.95456
							IPMK		0.98674
							KIF21A		0.97451
							LIMA1		0.97178
							LIMCH1		0.98909
							MIS18BP1		0.94988
							NCOA1		0.98634
							NMT1		0.93238
							NPC1		0.99435
							POLR2B		0.99300
							PTCD2		0.98195
							PTPRK		0.97624
							RAB3GAP2		0.98315
							SBF2		0.98626
							SERAC1		0.97380
							SLC25A16		0.96825
							SLC2A13		0.96366
							SOS2		0.99783
							SPTBN1		0.98382
							STXBP3		0.99544
							TEC		0.94239
							UBE3B		0.94105
							USP16		0.98775
							USP53		0.99286
							DNAJB14		0.98857
							AKAP6		0.98759
							CCDC6		0.97711
							EIF4G3		0.97408
							FAM214A		0.96136
							FNBP1L		0.97250
							GRHL1		0.87267
							IDS		0.95516
							KTN1		0.99041
							LRP12		0.98315
							NCKAP1		0.97909
							OSBPL1A		0.96390
							PER3		0.99678
							RANBP9		0.98634
							SLC10A7		0.93521
							SPAG9		0.91858
							UBE3A		0.99058
							WDFY1		0.95653
							CPSF2		0.99625
							CNST		0.99234
							KLHL28		0.96794
							RNF11		0.96727
							TAOK1		0.98842
							TPM4		0.94870

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ATP2B4		0.97140
							CAB39L		0.97878
							CREB3L4		0.95848
							DGKG		0.92933
							GRTP1		0.94304
							IL20RA		0.96345
							KIAA1549		0.87038
							MYH11		0.95934
							SOX9		0.90973
							VIPR1		0.97871
							SIM2		0.77816
							ARID3B		0.91853
							ING1		0.97006
							TSSK4		0.88038
							TNS1		0.90343
							AGTR1		0.98620
							ARHGAP20		0.97255
							ARHGEF4		0.96182
							CUX2		0.95805
							FAM189A2		0.98873
							GRIA3		0.94720
							ITIH5		0.95756
							MYOCD		0.98778
							NEK3		0.96863
							NRK		0.97602
							PGM5		0.92898
							PITPNM3		0.96266
							RNF157		0.90320
							SLC22A3		0.93313
							NQO1		0.96186
							NSUN6		0.98882
							MAGI2		0.97296
							SLC25A21		0.94245
							CRELD1		0.94389
							ELL3		0.96380
							FZD9		0.97075
							KCNJ11		0.93095
							PDZRN4		0.95317
							RORC		0.94128

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							AACS		0.97330
							ALG6		0.96253
							APH1B		0.98057
							B4GALT6		0.98627
							CDH1		0.94949
							CGNL1		0.94432
							COBL		0.92233
							COG3		0.95625
							DHCR24		0.96192
							DNAJC1		0.93598
							DNAJC3		0.95988
							EEF2K		0.98366
							EHHADH		0.91177
							FGF2		0.91344
							GPR63		0.97388
							GTF3C1		0.98837
							HEXB		0.94918
							HIVEP3		0.97007
							IQGAP2		0.98362
							LDLR		0.96441
							MANBA		0.99409
							NEDD4		0.95606
							NEO1		0.99794
							NIPAL3		0.95291
							PAFAH2		0.99233
							PCDH1		0.95950
							PCYOX1		0.98019
							PIGB		0.99528
							PLIN3		0.93878
							SCARB1		0.96922
							SLC4A4		0.86942
							SORD		0.99616
							SREK1IP1		0.95371
							TM9SF1		0.97561
							UGGT1		0.98736
							VEGFA		0.99661
							PPIL2		0.95238
							RBM47		0.98528
							SLIT1		0.96935
							AACS		0.97330
							ABCC4		0.94788
							ACOX3		0.98269
							ACSS3		0.93050
							ALDH3A2		0.97956
							ASAH1		0.94629
							B4GALT1		0.96509
							BBS4		0.97041
							C20orf194		0.99737
							CDKL2		0.94407
							CECR2		0.92113
							CLCC1		0.98165
							CTBS		0.98444
							EPN3		0.93170
							FRK		0.91873
							GPLD1		0.93334
							KIAA0513		0.97792
							LIFR		0.98467
							MAP2K4		0.96945
							MGAT4A		0.99413
							MTMR9		0.93323
							NEDD4L		0.93558
							PLA2R1		0.94823
							RABEP1		0.99740
							RHBDD1		0.97687
							RPN2		0.97593
							SLC2A12		0.90583
							SLC39A14		0.94164
							SLC7A2		0.98967
							SSR1		0.99009
							STT3A		0.97279
							TCTN3		0.98209
							TMEM59		0.99029
							TTC39A		0.97854
							ZBTB16		0.98340
							ZC3H12C		0.96463
							TMEM232		0.98293
							CALR		0.97119
							CCPG1		0.99038
							FXR2		0.96037
							LRRC28		0.94292
							SYT7		0.97302
							TSPYL1		0.98014
							ACOX1		0.98835
							ALDH1A3		0.98967
							ATMIN		0.96215
							C2orf16		0.86661
							CANT1		0.97828
							CNNM3		0.90869
							DHTKD1		0.91973
							DMXL1		0.93223
							EIF5B		0.97376
							ERMAP		0.98946
							KCND3		0.92492
							PCCA		0.98413
							PDP2		0.95790
							PIGG		0.95807
							PIGT		0.99541
							RTN4RL2		0.95857
							RUNDC1		0.98672
							SLC39A7		0.99873
							SLC44A4		0.99362
							SLC981		0.97523
							SYVN1		0.90503
							TK2		0.97347
							TMED10		0.98493

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ADAM8		0.96988
							CDH13		0.89197
							GAD1		0.98968
							KIFC3		0.94927
							MMP2		0.96871
							PHLDB1		0.97257
							ZFP36L2		0.79711
							ADAM23		0.86648
							ARHGAP22		0.88141
							BATF3		0.92311
							DOK5		0.98298
							ENG		0.99004
							NALCN		0.81713
							PCDHB7		0.97771
							RAB38		0.88732
							SCIP1		0.93918
							ST6GALNA...		0.97617
							GLI1		0.99403
							ADAMTSL2		0.98938
							FLT3LG		0.93930
							SCARF2		0.89137
							STAC3		0.86235
							VIM		0.99193
							ABTB2		0.89206
							DENND4B		0.91289
							DNM1		0.98951
							ESAM		0.93886
							F2R		0.89805
							FZD2		0.93771
							GAS6		0.98565
							LAMC3		0.98387
							LTBP3		0.93995
							MTMR11		0.98430
							NXNL2		0.74205
							PDE4C		0.90632
							PODNL1		0.93910
							PRELP		0.97014
							SEMA3G		0.94249
							TLL3		0.84247

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ANK3		0.96109
							GNAL		0.95589
							HOXA9		0.90493
							SORBS1		0.98878
							TXNDC16		0.87517
							MSRB3		0.95720
							MYRIP		0.96648
							KLF8		0.99933
							MCEE		0.97394
							PDE3B		0.99182
							PMFBP1		0.56136
							AMACR		0.94641
							FUT4		0.95698
							AFAP1L2		0.86124
							ANKRA2		0.97368
							CCDC30		0.91765
							HENMT1		0.87539
							LDLRAD3		0.96734
							NHLRC1		0.93930
							PHOSPHO2		0.95312
							PLEKHH1		0.98375
							SAMD5		0.96303
							SEC11C		0.89955
							ZNF785		0.98114

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							APIAR		0.92967
							ASAP2		0.94892
							FAM117B		0.92504
							FSIP1		0.86496
							GNAS		0.95293
							LACTB		0.93284
							LDHA		0.97982
							LPIN1		0.83441
							LPXN		0.95649
							NREP		0.93131
							NRN1		0.93709
							NRP1		0.96081
							PCNP		0.94736
							SNX3		0.93248
							SPAG1		0.95161
							TEAD2		0.89672
							TMEM163		0.75663
							ZFAND5		0.95688
							ZFP37		0.90067
							ARL6IP1		0.83851
							ARHGEF3		0.93996
							DBN1		0.97517
							RAD51B		0.97158
							AMMECR1		0.91203
							ANKRD29		0.95277
							ARMC1		0.91004
							CHORDC1		0.93968
							CLCN4		0.88667
							CRTAM		0.94792
							DCLK1		0.83217
							DNAH8		0.96746
							ENAH		0.96535
							FAP		0.90898
							GPR137B		0.99027
							LAPTM4B		0.92072
							NGEF		0.91048
							PARP1		0.94060
							PDGFRL		0.95234
							PMP22		0.90465
							PRKAR2B		0.87438
							PROCR		0.90974
							SCLT1		0.96377
							SEC11A		0.87739
							SIX4		0.93078
							SLCO4A1		0.94003
							SMC3		0.79799
							STX6		0.96549
							TPM3		0.96869
							ZFH4		0.87625
							ZNF541		0.95848
							ARL6IP6		0.95191
							THAP2		0.97060
							CASP3		0.98430
							DDIT4		0.91870
							FKBP1A		0.89131
							MEX3B		0.92594
							SIAH1		0.97340
							UBE2V2		0.94802
							ADAMTSL1		0.90240
							AATK		0.91239
							ALDOC		0.96298
							ANKRD46		0.95912
							ARPC5		0.96148
							CACNB1		0.90545
							DNASE2		0.96348
							DUSP7		0.87854
							HSF2BP		0.95658
							ISL2		0.94964
							KIF7		0.87020
							MEAF6		0.87046
							MITD1		0.89643
							MLLT11		0.96716
							RAB33B		0.99235
							SNAPC3		0.72352
							SOLE		0.92184
							SSTR1		0.94805
							TXNRD1		0.89763
							UAP1L1		0.93121
							VWA7		0.90449
							YWHAZ		0.94837
							ZNF467		0.93247

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ETS1		0.97955
							PPP2R5A		0.94461
							ABCA6		0.98571
							CLEC1A		0.98164
							EPHA3		0.98627
							GNB4		0.96173
							IL33		0.96849
							IQCA1		0.88783
							MKX		0.92339
							MRAS		0.98944
							PLCL2		0.97492
							PRKCQ		0.99176
							PTPRE		0.97318
							SLC1A2		0.98510
							USP31		0.93907
							APLP1		0.97334
							BEST1		0.97401
							PCNT		0.97943

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ABLIM1		0.84726
							C1orf159		0.98646
							C7orf50		0.96979
							CCNB1IP1		0.99211
							CLTA		0.97315
							DAZAP1		0.98560
							HIGD2A		0.95572
							HOXA2		0.95524
							ITGB3BP		0.93002
							LRGUK		0.95949
							POLE4		0.98056
							RBM6		0.92836
							RPL18A		0.95067
							SFSWAP		0.99220
							SNRPA1		0.96307
							TRMT1		0.97103
							UBXN11		0.97226
							CCDC84		0.98747
							MST1		0.96973
							NPM1		0.91205
							PSPN		0.89209
							SNRPD2		0.98820
							EXOSC4		0.98709
							PPIH		0.97275
							PPP1R14B		0.95720
							RPS27		0.96083
							UQCRH		0.96224
							CHTF18		0.96913
							CTU1		0.98814
							GYPC		0.92854
							LUC7L		0.85212
							MEST		0.98196
							NPHP3		0.90484
							NRXN2		0.88938
							PBX4		0.81612
							STX1A		0.96281
							TELO2		0.97375
							TRPM5		0.82452
							CDK2AP2		0.97419
							CCDC7		0.90382
							HES4		0.94291
							AP4M1		0.94214
							BCL2L12		0.91287
							C1orf35		0.86422
							CCNL2		0.90571
							CEMP1		0.97988
							COPS6		0.96131
							DDX56		0.98766
							EPOR		0.97691
							LSM7		0.96528
							LTB4R		0.95827
							MAMDC4		0.98815
							MAPK8IP3		0.69598
							MCM7		0.92935
							MRPL11		0.94455
							NDUFS6		0.95443
							NXT1		0.98618
							POLR1D		0.97592
							RAC3		0.96326
							RNASEH2C		0.95812
							ROMO1		0.88425
							SHARPIN		0.97736
							SIVA1		0.94387
							SLC39A4		0.99558
							TCHH		0.97543
							TEX22		0.96640
							TOMM22		0.97462
							TOMM7		0.97830
							UNC5CL		0.86280
							WFIKK1		0.91152
							ZNF205		0.97023

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AOAH		0.94856
							CSF3R		0.93173
							ESYT1		0.95465
							IQCG		0.98706
							KCNC3		0.98007
							LNK2		0.96944
							MET		0.96465
							NFATC1		0.98993
							NOP14		0.94655
							PIP4K2A		0.99026
							PODXL		0.96446
							RNF145		0.97353
							RNF19B		0.98954
							SLC39A11		0.93737
							SWAP70		0.96711
							FILIP1L		0.97603
							MCL1		0.98871
							AK5		0.97709
							BMP2K		0.98287
							CAMKK1		0.94240
							CDK5RAP2		0.99486
							DUSP10		0.90074
							ENTPD1		0.96637
							EPHA6		0.86880
							KMO		0.92176
							LCA5L		0.97699
							NOX1		0.96202
							PCDH17		0.96248
							PLXNA3		0.99110
							PRKG2		0.93519
							RASGEF1B		0.92552
							RUNDC3B		0.98334
							ST8SIA1		0.93935
							DLC1		0.98488
							FLJ1		0.99730
							BCL9L		0.95452
							CLPB		0.98841
							CXCL16		0.99284
							FRMD3		0.97613
							LGALS2		0.98442
							RDH10		0.92237
							TBC1D2B		0.97302
							TNXB		0.92673

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ADAM15		0.98442
							AMOTL2		0.98009
							BIRC3		0.96683
							C3orf52		0.99492
							CHST9		0.82761
							GCDH		0.85945
							NCOA7		0.95389
							TJP3		0.96163
							PMEL		0.94384
							APOB		0.88217
							ICAM1		0.95925
							MMP7		0.92406
							OLFML3		0.84743
							PTGES		0.93633
							RARRES1		0.93030
							SESN2		0.91673
							SIPA1L2		0.93369
							TLL1		0.88537
							CPEB1		0.87642
							ESRRB		0.89593
							APOBR		0.89904
							C2CD2L		0.94878
							CTSD		0.96419
							CYP26B1		0.92217
							EHD1		0.83117
							HAS3		0.88161
							LETM1		0.95679
							MACC1		0.82843
							MEIG1		0.82368
							PRSS22		0.88347
							PTGER4		0.83394
							RSPH1		0.67202
							SRGAP1		0.87123

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							AHNAK		0.99248
							AMBRA1		0.98198
							ANKH		0.97411
							BTN3A3		0.92561
							CCR6		0.98580
							CIC		0.91320
							CMIP		0.95589
							CRIM1		0.93423
							DENND3		0.96815
							DOCK4		0.96101
							DOCK8		0.98600
							DSE		0.95555
							EVI5		0.98529
							FAR2		0.97207
							GIPC2		0.98396
							GLCE		0.97824
							GLIS3		0.96852
							MEF2D		0.97940
							MFSD11		0.98799
							NAMPT		0.95627
							PCSK5		0.94591
							PTPN14		0.95589
							RAB11FIP5		0.98111
							RNF125		0.93775
							SHROOM3		0.94657
							SRCAP		0.94450
							TCF20		0.95218
							TMEM127		0.99384
							TMEM88		0.94093
							TNFAIP1		0.95987
							TSGA10		0.96817
							TSPAN15		0.93934
							USP13		0.96579
							VPS41		0.96102
							ZNFX1		0.98734
							ZZEF1		0.98034
							EXT1		0.95041
							HEG1		0.94915
							STIM1		0.94668
							C2CD2		0.94098
							CCNB3		0.98158
							CLEC16A		0.95275
							CLTCL1		0.96445
							CTSH		0.98737
							DST		0.96738
							HDLBP		0.94289
							HSPA2		0.96319
							KIF3B		0.93283
							LEPR		0.93560
							MAP2K5		0.93535
							NBAS		0.98980
							OSMR		0.97857
							PLAGL1		0.91523
							PLXDC2		0.99151
							POLR1A		0.98952
							PYGL		0.95556
							SCN1B		0.91512
							SPTLC2		0.97040
							WARS2		0.95181
							ZNF214		0.96527
							MINK1		0.99622
							ATXN2		0.98916
							KLHL21		0.96936
							COL14A1		0.97000
							AGPAT3		0.96494
							ALAS1		0.94140
							ANKRD52		0.98920
							APBB2		0.99870
							ATG2A		0.98414
							CRAT		0.92895
							EBF1		0.97015
							IPO13		0.98595
							KIAA0100		0.94736
							KIAA1522		0.92654
							KLHL26		0.92051
							LZTR1		0.89504
							MAN2A2		0.94020
							MAP3K3		0.96447
							NAV2		0.98311
							PITRM1		0.97352
							PTPN23		0.97641
							RIMKLB		0.93081
							RNF213		0.97710
							SLC38A9		0.95634
							SLFN5		0.96734
							TAF3		0.98487
							XRRA1		0.96546
							ZHX3		0.91432

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ABCB1		0.88777
							ADAM22		0.94451
							ARHGAP31		0.95995
							BHLHE41		0.93309
							CADPS2		0.96777
							DAB2		0.98729
							DDHD1		0.97606
							DEPDC5		0.99047
							DGKD		0.98868
							DNAJC5		0.95886
							DSTYK		0.94329
							EGFR		0.94284
							GLI2		0.87148
							IQSEC1		0.97419
							PAN2		0.74138
							RGL1		0.94024
							RPAP1		0.91378
							RUNX1T1		0.93585
							RUNX2		0.89730
							SLC45A4		0.90033
							TMCC3		0.85620
							WDR19		0.95769
							XPR1		0.97297
							ZCCHC14		0.93216
							ZFYVE26		0.95250
							SLC3A2		0.99292
							GBA2		0.98808
							INSR		0.94551
							PATL2		0.91273
							PRKCE		0.92677
							SNED1		0.90744
							STARD9		0.93399
							ZFYVE28		0.93806
							FAF1		0.97490
							AASS		0.81734
							ABCC9		0.95389
							ALX3		0.91507
							ARAP2		0.93844
							ARHGEF17		0.97629
							CALCOCO1		0.98720
							COL6A2		0.92920
							CREBBP		0.94191
							CUBN		0.96883
							H6PD		0.96403
							HACL1		0.89720
							ITGA8		0.97132
							KLHL3		0.98874
							NKD1		0.96495
							NOTCH1		0.80952
							PCDH10		0.98496
							PEX5L		0.92705
							RAB15		0.96442
							RASGRF2		0.96693
							SLC46A1		0.91128
							SPEN		0.98084
							SPTB		0.95157
							SYNE1		0.89679
							TACR1		0.94621
							TM7SF3		0.87236
							WBP11		0.80764
							BAHCC1		0.95305
							FAM43A		0.81488
							PPP1R3E		0.96900
							SHANK3		0.93496
							PAPPA		0.91139
							TCF4		0.93564
							ABCA2		0.93629
							ABCA3		0.96759
							ABR		0.98060
							ARHGAP35		0.93287
							BTN3A1		0.98853
							DCUN1D3		0.93217
							FAT4		0.98166
							NCOR2		0.98308
							NEURL4		0.95827
							NLRCS		0.90651
							PIK3C2B		0.95891
							PLEC		0.99659
							PPM1J		0.87868
							RELL2		0.97167
							SBNO2		0.90208
							SCN4B		0.93022
							SCN8A		0.85005
							SERPINB8		0.94275
							SZT2		0.95204
							WNT7B		0.97525

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ARHGEF11		0.97395
							BMF		0.96769
							NUP210L		0.92284
							TRPS1		0.96822
							CRISPLD1		0.97814
							CYFIP2		0.98429
							FMNL2		0.92333
							HAL		0.82691
							SP110		0.95968
							STBD1		0.97487
							ZNF501		0.99612
							ZNF646		0.96575

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							APT1		0.98694
							BRIX1		0.98821
							C12orf65		0.98684
							CASP2		0.95981
							CBX1		0.91274
							CBX3		0.98881
							CCT6A		0.98080
							CDKN2A		0.99347
							CDX1		0.80487
							CHPT1		0.88489
							COP55		0.94013
							DNAJC2		0.99266
							EIF3E		0.96813
							ENY2		0.92371
							GEMIN2		0.95811
							GMNN		0.95691
							GPR84		0.80772
							HNRNPA2...		0.90753
							HNRNPC		0.96117
							HNRNPH3		0.96391
							HOXA1		0.99461
							HSPD1		0.96799
							LBR		0.97300
							LYAR		0.93398
							MNAT1		0.88396
							NDC80		0.96399
							NIPSNAP3A		0.90035
							NR2C1		0.92541
							NUP107		0.92315
							PFDN4		0.96314
							PFGDH		0.95630
							POLE3		0.98522
							PRKRIP1		0.99271
							PSMA7		0.95689
							RTN4R		0.93269
							SKP2		0.98434
							SLC44A1		0.93902
							SNRPF		0.98704
							SOX4		0.95667
							TATDN1		0.89361
							TTK		0.96138
							UPF3B		0.86686
							CDK2		0.97914
							PTGES3		0.97253
							ISC15		0.94524
							MFF		0.97048
							NAP1L1		0.97025
							PTMA		0.94588
							TUBB		0.94879
							EXOSC3		0.95105
							TMED6		0.92602
							ADAM20		0.80487
							ATPIA4		0.80487
							BIRC7		0.80487
							C11orf53		0.80487
							C9orf78		0.97235
							CCDC59		0.96311
							CDH8		0.80487
							CLNS1A		0.98127
							CNKSR3		0.91294
							DPER1		0.80487
							DYNLT1		0.96444
							FCRLA		0.80487
							FHAD1		0.96457
							GOLGA7		0.94261
							GSDMC		0.80487
							LGJ1		0.80487
							LUC7L3		0.96032
							MED10		0.98187
							PHACTR3		0.80487
							PIR		0.89718
							PSM87		0.97522
							PHY		0.80487
							RBMX		0.93432
							SEC61G		0.94051
							SEL1L2		0.80487
							SLC3A1		0.80487
							SNRPC		0.99519
							SYCP3		0.84661
							SYT16		0.80487
							TMC2		0.80487
							XPNPEP2		0.80487
							ZIC5		0.80487
							GATC		0.96061
							ZNF77		0.96819
							ARL28P		0.89214
							CDK2AP1		0.92306
							HYLS1		0.96899
							NDUFA4		0.83535
							RAB26		0.85099
							TAF4		0.98982
							TRA2A		0.85320
							TUBB3		0.99020
							XIRP1		0.80487
							GRM8		0.80487
							ARMC10		0.98697
							BAIAP2L2		0.94765
							C12orf73		0.96984
							C16orf91		0.84127
							CALML6		0.80487
							CHTOP		0.94091
							COX6A1		0.97470
							ELOVL6		0.93818
							ERH		0.84879
							FN3KRP		0.99575
							FNTA		0.99523
							GRIN1		0.94976
							HINFP		0.94650
							INTS8		0.92323
							MED30		0.88264
							NAA20		0.88826
							NDUFA12		0.85232
							NKIRAS2		0.89949
							NPHS1		0.80487
							ORCG		0.96017
							PCDHA1		0.80487
							PCDHA7		0.80487
							PFDN2		0.84412
							PSMA2		0.99354
							PSMC3IP		0.99254
							SARNP		0.93498
							TAF11		0.97987
							TAF1D		0.95303
							TAT		0.80487
							TCEA1		0.91945
							TNNI1		0.80487
							TNN		0.96129
							UBL5		0.88635
							ZNF823		0.95552

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							MOCOS		0.85015
							SPECC1		0.89612
							SLC30A2		0.93701
							ACE2		0.93849
							CD226		0.90098
							FLT3		0.92824
							IL18RAP		0.93449
							KLHL4		0.92941
							RAB33A		0.89002
							PPIC		0.96736
							FAM102A		0.85257
							RAG1		0.87816
							TRIM47		0.84198

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AK7		0.94479
							CPNE8		0.98254
							FGF12		0.96494
							INTS6		0.97827
							MAPRE3		0.97270
							RBMS1		0.89529
							RNF144B		0.95884
							TFAP2A		0.82309
							TRIT1		0.93445
							ALOX5		0.94236
							APOOL		0.91890
							COTL1		0.90762
							CPM		0.98397
							CSMD2		0.95116
							GDF11		0.95312
							IPCEF1		0.99836
							ITM2B		0.91233
							KLHL5		0.97308
							MYH14		0.91876
							NOVA1		0.95437
							PCDHB14		0.98512
							PTGR1		0.96348
							RAB23		0.95855
							SCLY		0.82731
							SH3YL1		0.96367
							SORBS2		0.93045
							TTN		0.99503
							UGDH		0.96121
							PAPSS2		0.95568
							IFT140		0.93737
							DPY19L1		0.84782
							PRRT3		0.91309
							SAMD13		0.85158

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							SMOC2		0.85537
							SMOX		0.97982
							FBXO16		0.82091
							ASPA		0.94513
							CAMK2A		0.87054
							CCDC122		0.90169
							CHRD1		0.91435
							EPHA5		0.98324
							KCNC1		0.85660
							KCNMB4		0.92394
							MYB		0.81242
							OVGP1		0.88391
							SI		0.94042
							STAC		0.76493
							TRIM9		0.85451
							WNK4		0.91884
							ZNF536		0.84920
							PPP1R1A		0.95306
							CA14		0.94864
							CD320		0.95512
							CIDEC		0.85313
							CSRP1		0.97003
							EIF4EBP1		0.96061
							EPHB3		0.94634
							IP6K3		0.99328
							MIP		0.87037
							RBFOX3		0.96729
							SLC37A4		0.96742

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							DBH		0.80109
							LYPD6B		0.90155
							SCN2A		0.87479
							ST8SIA5		0.90340
							TPO		0.94889
							GSDMA		0.94359
							DLX2		0.97056
							ZNF749		0.70032

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ABHD2		0.91184
							ACADM		0.95352
							ADAM10		0.98404
							AFF4		0.97185
							APLP2		0.97707
							ARFGEF2		0.99544
							BCL2L13		0.99484
							BIRC6		0.99752
							CALD1		0.96872
							CDC91		0.97477
							CLASP1		0.97024
							CLCN3		0.99153
							CLOCK		0.98780
							CNOT1		0.97492
							COPA		0.97874
							CPD		0.99368
							CPHB3		0.94919
							DBT		0.93796
							DCAF8		0.97225
							EIF2AK4		0.99457
							FAM177A1		0.95811
							FBLN5		0.97677
							FBXO36		0.97707
							FBXO42		0.98416
							FCHO2		0.97857
							GDE1		0.97199
							GOSR1		0.96125
							GPD2		0.95604
							HNRBOX1		0.97332
							IPO11		0.95161
							ITGA6		0.93124
							KCTD18		0.91183
							LARP1B		0.96352
							LATS1		0.97515
							LPH3		0.95415
							MAN2A1		0.99628
							MCMB9		0.95916
							MERTK		0.97865
							MFN2		0.98375
							MIA3		0.96762
							MIB1		0.96928
							MPP7		0.97128
							MSH3		0.98301
							MTMR6		0.99455
							MYCBP2		0.97991
							MYOF		0.81998
							NAA35		0.97389
							PCSK6		0.96342
							PRKFB4		0.98846
							PHLPP2		0.95093
							PIAS1		0.99868
							PRKAR2A		0.92620
							PRKCH		0.98528
							RBL2		0.99031
							RBM26		0.93361
							RDH12		0.94347
							RETSAT		0.96762
							REV3L		0.92388
							RREB1		0.97717
							SCAPER		0.99143
							SEC23IP		0.97619
							SEC24A		0.97398
							SERINC1		0.99698
							SETD7		0.96744
							SLC26A2		0.90688
							SLC2A1		0.99371
							SLC35A3		0.95578
							SPL2A		0.97709
							STAM		0.99276
							STXBP1		0.99546
							TCF12		0.97502
							TEX9		0.97024
							TMBIM6		0.96533
							TMEM33		0.98220
							TMX4		0.95543
							UBA5		0.96934
							UBE2Q2		0.96633
							UBF4		0.95734
							USP6NL		0.99520
							ZSCAN20		0.94564
							EXOC3		0.96349
							CNGC12		0.97072
							PBX1		0.93106
							STAT3		0.97784
							ACBD5		0.97204
							APF1		0.98559
							ANKRD11		0.95194
							CDS1		0.98357
							IQUB		0.94683
							KDMA4		0.99072
							PDXDC1		0.98318
							ACO2		0.99073
							ADAT1		0.98967
							ALG10		0.96271
							ARCN1		0.97914
							ATE1		0.97292
							ATF6		0.96899
							ATP11C		0.99632
							CPPED1		0.96625
							DENND4C		0.97348
							DIP2C		0.98015
							DNAIC6		0.96987
							EP315		0.99114
							EXT2		0.99112
							FBXL17		0.97849
							FBXL3		0.93835
							FIG4		0.97600
							FOXO1		0.96948
							GRI1		0.99379
							H2AC6		0.88444
							HIPK2		0.97385
							HSPA13		0.98963
							IDK		0.93986
							ILET5		0.97663
							IMPACT		0.98412
							IPO8		0.96985
							LAMP2		0.94775
							LNPEP		0.98474
							MAGT1		0.94527
							MAPK1		0.98848
							MPSD6		0.92256
							MPSD9		0.99374
							MID2		0.98702
							NFAT5		0.97513
							NIPAL2		0.93767
							OCRL		0.93578
							PAH4L		0.96417
							PHKA1		0.95048
							PHK8		0.91593
							PI3K		0.97800
							POLK		0.96844
							PREPL		0.95181
							PRKD3		0.97178
							RPGRP1L		0.97163
							SEC18BP2L		0.96986
							STX12		0.97648
							TFPI2		0.98844
							TCF8RAP1		0.98968
							TIRAP		0.98156
							TMC03		0.95021
							TMED5		0.98110
							TOR1AIP1		0.97798
							UGGT2		0.93159
							URB1		0.96852
							XIAP		0.96624
							ZC3H13		0.93880
							ZC3H14		0.91192
							SLC25A46		0.92726
							LUTP1		0.96788
							TUBCP5		0.98167
							ZBTB38		0.98824
							PDE4B		0.90929
							AHCYL2		0.94250
							ALDH5A1		0.84565
							BSCL2		0.98338
							CCDC47		0.97533
							CHD9		0.99409
							CRADD		0.98326
							DOCK		0.97018
							EIF2AK3		0.99449
							ELMOD2		0.97669
							GLI1		0.98333
							COLGB1		0.93690
							CPHN		0.98143
							CRN		0.98850
							HARBI1		0.99819
							MGAT2		0.97757
							MOB18		0.95420
							MFZL1		0.99412
							NHLRC2		0.96688
							PICS		0.97542
							PIP4K2C		0.99712
							PIA2		0.97152
							PLBD2		0.92922
							PPARA		0.97580
							PTTN13		0.95920
							RALGAP8		0.99415
							SLC31A1		0.96614
							SLC35A1		0.99200
							SLC41A1		0.87609
							SPATA2		0.98051
							STXBP5		0.86677
							TM9SF4		0.93630
							TMEM170A		0.98638
							TRIM33		0.96428
							UBR1		0.97170

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CHD5		0.97283
							IFRD1		0.95583
							PRPF3		0.98543
							TSPAN12		0.94804
							ZNF337		0.96179
							C8orf44		0.98921
							PRRT2		0.97780
							CLK2		0.98519
							TIGD1		0.97805
							ATP6V1C2		0.97550
							C7orf31		0.97458
							EED		0.95727
							IFI44		0.92364
							CEP95		0.98749
							EPHB2		0.95393
							SAMD11		0.98262
							CCDC28B		0.96356
							DOC2A		0.96561
							FBXO41		0.95583
							GATAD1		0.98075
							LTB4R2		0.99080
							NR1I3		0.99116
							PCBP2		0.97138

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CYB5R4		0.88416
							FASTKD2		0.96884
							GSG1		0.93033
							HOMER1		0.92349
							MEGF9		0.91196
							MXD1		0.95084
							SCYL2		0.82840
							DSG1		0.93916
							EDN1		0.79099
							FSD1L		0.91886
							GALNT6		0.62815
							P2RY10		0.94743
							RALGPS2		0.98214
							RASAL2		0.93128
							TRPV5		0.93769
							UBE2D1		0.82282
							ANKS1B		0.85056
							ADAMTS1		0.86796
							SIGLEC6		0.95938
							B3GNT2		0.89396
							ADORA2B		0.83286
							CLDN7		0.95580
							FGFRL1		0.93630
							GLTPD2		0.92338
							KDM1B		0.97880
							KPNA7		0.90913
							LGR4		0.89972
							NIPAL1		0.95929
							SLC25A25		0.86447
							ZNF484		0.94212

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							APPBP2		0.96849
							BCKDHB		0.98809
							COBLL1		0.95038
							DOCK3		0.78180
							ELL2		0.96444
							EPCAM		0.77638
							FEM1C		0.98066
							L3MBTL4		0.78078
							MINPP1		0.87889
							NNT		0.87666
							PIK3AP1		0.95942
							PIP5K1B		0.95110
							PKP2		0.84658
							SCAMP1		0.97314
							SETD9		0.94261
							SLC39A6		0.98951
							VPS37A		0.96508
							ADARB2		0.83523
							C18orf32		0.82649
							CDKL5		0.96550
							HEATR3		0.94309
							MBOAT2		0.92920
							TJP2		0.89289
							USP14		0.89338
							C11orf71		0.97802
							TTC37		0.94715
							NAPG		0.98912
							RHOBTB3		0.73595
							SGTB		0.90970
							SLC26A5		0.94753
							SPATA13		0.81900
							TNKS		0.92444
							ZBED3		0.95601

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ABCC8		0.97296
							ACTA2		0.90876
							ADAMTS17		0.89534
							ARHGEF19		0.91244
							CACNA1C		0.87995
							DHRS12		0.93216
							FGFR3		0.97890
							HHAT		0.97556
							KCTD1		0.93499
							LDB3		0.97057
							MEIS2		0.97252
							MYLK		0.94698
							MYOM1		0.97821
							POLN		0.92581
							RAPGEF3		0.98420
							RBM24		0.95722
							SGK1		0.81690
							SPRY2		0.86636
							TPM1		0.87456
							ZNF516		0.99088
							PIPOX		0.94742
							HERPUD1		0.98393
							AKAP7		0.95766
							ALDH1A2		0.96779
							COL23A1		0.95676
							CRISPLD2		0.97533
							FERMT1		0.94765
							HYDIN		0.88654
							KANK4		0.99353
							KCNIP3		0.90596
							NTRK3		0.95770
							OSBPL7		0.98078
							PRDM8		0.94907
							PTN		0.87426
							PYGM		0.94027
							TGFB3		0.94474
							ADCY5		0.97200
							ANXA11		0.96953
							APOF		0.93834
							CPAMD8		0.98113
							FAM3D		0.92191
							HIF3A		0.94724
							JPH4		0.89565
							RASL12		0.93730
							SLC2A4		0.94852
							SYNM		0.94110
							VPS36		0.94994

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							FBXO24		0.85453
							NAPSA		0.94336
							ZCWPW1		0.86146
							AGT		0.87493
							CPB1		0.90562
							GCK		0.70473
							MLC1		0.89019
							SLC44A3		0.78411
							TFCP2L1		0.96972
							TRIM29		0.96284
							KRT19		0.94911
							SYMPK		0.81191
							FOXQ1		0.76508
							GNA15		0.97285
							LAMB3		0.95125
							WDR18		0.73258

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ABCG2		0.99111
							DYM		0.98571
							FAM114A2		0.99439
							LIG3		0.89491
							MTMR3		0.99197
							PAIP2B		0.92116
							SPATS2		0.92682
							STIM2		0.97819
							UBE4B		0.99004
							ZCCHC2		0.96422
							SP5		0.95898
							NBPF1		0.98694
							ACACB		0.87949
							AKT3		0.89771
							CBFA2T2		0.90985
							CHD1L		0.98426
							CHD6		0.99294
							HTR7		0.86510
							LRP8		0.97820
							LSM11		0.97042
							ZNF37A		0.95988
							ZBTB40		0.89084
							CPT2		0.95305
							DCLRE1A		0.87310
							KLHL11		0.98771
							MYO5B		0.98042
							TMC7		0.96151
							ZNF557		0.97120


	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ARRDC2		0.93095
							CACNA2D4		0.95234
							CBLN3		0.94768
							DLG4		0.91326
							FAS		0.96898
							NTN4		0.98239
							SAMD4A		0.98236
							TBX6		0.92348
							TMEM138		0.95843
							ABLM2		0.95125
							C1QTNF3		0.93712
							EFEMP1		0.93600
							EPHX1		0.96057
							FBLN7		0.89584
							FRAS1		0.95888
							GHRL		0.92963
							GJA1		0.98003
							HDAC9		0.98394
							KCNC4		0.99505
							MATN2		0.94615
							OBSCN		0.97156
							PAMR1		0.95851
							PELI2		0.90048
							SAMD15		0.96269
							SLC5A1		0.87801
							SMC1B		0.94006
							SPAG16		0.95082
							TFPI		0.96974
							TIMP3		0.82583
							S100P		0.92107
							DERL3		0.96498
							ABCC11		0.93459
							AIFM3		0.83440
							GLTP		0.77756
							IRF6		0.89446
							SMAD3		0.97254
							TSPAN5		0.98947

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ALDH3B1		0.92815
							AP1S1		0.88673
							DGKB		0.91443
							E2F5		0.83513
							ETV7		0.94412
							GADD45A		0.78526
							NHSL1		0.96174
							PIM2		0.94631
							PLK2		0.94896
							POLR1E		0.95021
							SLC7A11		0.89729
							SRPK1		0.93044
							AUTS2		0.95449
							HMGA1		0.97726
							A1CF		0.85957
							ARHGEF26		0.92908
							BCL2A1		0.87629
							CDHR5		0.89108
							FSD1		0.89003
							LGALS12		0.90797
							MPP6		0.98387
							VEGFC		0.96873
							LLGL1		0.94732
							SCRT1		0.91477
							ADAP2		0.85234
							C2orf50		0.91459
							CA13		0.85913
							FOXN4		0.88560
							FPGS		0.89537
							MOK		0.94879
							MRPL37		0.95551
							PNMT		0.90919
							RAG2		0.90866
							SDR16C5		0.88571

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CLK4		0.93571
							SLC9A3		0.95733
							SPAG17		0.88369
							CPNE1		0.94275
							CRISP3		0.84322
							LRRC31		0.78099
							NMNAT2		0.82099
							SLC25A27		0.91568
							THUMPD2		0.92989
							TIA1		0.94871
							IFI6		0.91098

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							APC2		0.96801
							CD36		0.87423
							CDKN1A		0.87486
							DENND2A		0.95879
							EPHA2		0.70193
							MAST2		0.96526
							NT5DC3		0.84283
							PKD2L1		0.91911
							SLC27A5		0.80219
							SYTL2		0.88584
							TMBIM1		0.86423
							WNT10A		0.79656
							SYN3		0.82723
							ABCC2		0.76254
							CHI3L1		0.98022
							EGR2		0.94049
							LMO3		0.92746
							STAT5A		0.98436
							PPFIBP2		0.92918
							ASB1		0.94909
							BCL2L15		0.66282
							CTSB		0.96343
							FAM83E		0.89331
							MFSD12		0.94995
							ROBO3		0.74743

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ATXN7L1		0.88173
							GRAMD4		0.96401
							GRK4		0.93701
							NPAS3		0.98116
							QSOX1		0.94086
							SLC1A3		0.96038
							ZNF862		0.84713
							SNAI1		0.88471
							AMPH		0.80829
							COL12A1		0.81709
							CPNE5		0.80500
							FAM20A		0.92860
							GLYATL2		0.81151
							SLC14A2		0.84817
							SLC40A1		0.87094
							TRAF1		0.82307
							MAST3		0.91627
							MTHFR		0.84084
							SLC43A2		0.90864
							TPCN1		0.96391

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							NUDCD1		0.88019
							POLR3G		0.86661
							UTP23		0.91912
							WSB1		0.89093
							C8orf37		0.91871
							CENPO		0.94715
							CREBZF		0.97900
							EPSTI1		0.88338
							KHDRBS3		0.91682
							SLC24A4		0.72270
							STK3		0.96250
							PPM1M		0.84038
							SPIN4		0.90809
							ACTL6A		0.98528
							RTTN		0.95324
							SERPINI1		0.95583
							SH2D5		0.76668
							TRAF5		0.89788

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							AKAP1		0.91300
							AP3B1		0.99578
							ARHGAP18		0.98818
							ARSB		0.99526
							ATXN1		0.94479
							CCN		0.97111
							DHX29		0.97617
							DUS3		0.97071
							DIXDC1		0.84563
							DSC2		0.87042
							DYSF		0.97448
							EHF		0.95382
							ERC1		0.95811
							ERLEC1		0.95980
							ERLIN2		0.89344
							EXOC6		0.99591
							FAM184A		0.97495
							FBLN4		0.98413
							FCD4		0.96274
							FNDCC38		0.90164
							FTO		0.99465
							G3BP2		0.98768
							GC22		0.99433
							HEATR58		0.98017
							IFNAK1		0.98849
							ITFC1		0.98838
							JKAMP		0.98943
							KANK1		0.87035
							KIAA0586		0.94795
							KIAA1217		0.86983
							KLF3		0.98906
							LRP6		0.98944
							MDN1		0.98775
							MGAT5		0.94879
							MKLN1		0.97583
							NUCB2		0.95190
							PARP11		0.94946
							PCW1		0.86684
							PHF12		0.92670
							PKP1		0.89199
							PRDM5		0.97263
							PRUNE2		0.99097
							RAB27B		0.97326
							RANBP2		0.98624
							RFK3		0.88477
							RHPN2		0.95052
							RPL7L1		0.94835
							RPRD1A		0.92867
							RSPH3		0.98319
							RTN4		0.93223
							SAR1B		0.98524
							SCARB2		0.95923
							SEC23B		0.98403
							SEC63		0.92672
							SEL1L		0.94205
							SEL1L3		0.95922
							SLC4A7		0.98059
							SNX25		0.88941
							SQAT1		0.98532
							SPG11		0.98916
							SWT1		0.88444
							TBC1D4		0.98831
							TEK2		0.97098
							TFOP2		0.98605
							TGOLN2		0.99083
							THRAP3		0.98454
							TMED7		0.96075
							TMEM131		0.93830
							TMEM10A		0.93123
							TMEM38A		0.97218
							TMEM87B		0.98770
							TSPAN31		0.90198
							UHL1		0.93157
							UTRN		0.99247
							XPNPBP1		0.96818
							YTHDC2		0.96239
							ZC3HAV1L		0.95579
							SNAP23		0.98176
							SEB2		0.98047
							B2M		0.96543
							PICO		0.98897
							RSPRY1		0.97397
							SDNP8		0.98423
							SNR2		0.99292
							ZBTB4		0.92244
							ABCA5		0.96477
							ADPRHL1		0.97748
							ANKRD31		0.82085
							ABMCX5		0.99407
							ATAD1		0.98070
							ATP2A1		0.99371
							AUH		0.95796
							BEND6		0.93966
							BNP1B		0.97890
							CACNA2D1		0.98819
							DDX24		0.97592
							DSC2		0.97585
							EDNRB		0.98273
							EPC1		0.86675
							FBXO30		0.98562
							GALC		0.95838
							IBTK		0.93966
							IQCH		0.93206
							IRAK3		0.87111
							KCNMA1		0.90733
							LYPLAL1		0.97440
							MDIC		0.98067
							MED23		0.95681
							MIR3		0.97456
							MPP1		0.93644
							MPP5		0.99006
							OPHN1		0.99738
							PEX7		0.98973
							PRDM2		0.97799
							PSEN1		0.98603
							RFTL		0.99058
							RTN1		0.96727
							SF3A1		0.98528
							SLC30A5		0.93512
							SLC35A5		0.94479
							SLC35D1		0.98803
							SOX5		0.88816
							SRRB1		0.95339
							STAM2		0.93460
							STEAP2		0.98458
							SYDE2		0.94190
							TBC1D9		0.99144
							TM9SF2		0.96681
							TMCS		0.96558
							WASF3		0.93599
							ZDRHC2		0.99499
							ZFX		0.98214
							ZKSCAN1		0.92408
							ZNF827		0.95798
							ZNF747		0.92403
							BNIP3		0.96318
							HSPA5		0.95008
							KIF5B		0.96399
							MOGAP1		0.94723
							PITPNA		0.94611
							SYT17		0.98966
							COG7		0.98389
							PYGO1		0.97571
							ABHD3		0.97341
							ACLY		0.97465
							ADAM9		0.97269
							AP1G1		0.98931
							AP3M1		0.95775
							ASAH2B		0.96774
							ASRGL1		0.91920
							CASP7		0.98132
							CRL1		0.97145
							CCDC87		0.99102
							COCS		0.98060
							CTNND1		0.96409
							DIP2A		0.96909
							EPB41		0.93913
							FAN1		0.98330
							FCD		0.96446
							FITM2		0.90087
							FLVCR1		0.96355
							KBTBD4		0.98941
							KLLN		0.97201
							MAGED2		0.95300
							MFAP3L		0.95089
							NCSTN		0.96530
							PHACTR4		0.97325
							POGLUT1		0.98168
							POLR3E		0.99029
							PPP1R21		0.97107
							RASSF6		0.99165
							RBMX1		0.97319
							SEC24C		0.97075
							SERPINC5		0.99088
							SERPINC8		0.97830
							TM2D1		0.99121
							TRIM62		0.93597
							TSPYL4		0.97535
							TTC30A		0.98627
							TTC30B		0.94611
							VRK3		0.91931
							ZNF407		0.98605

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							GRIN2D		0.96185
							HIP1		0.97842
							MEGF11		0.95483
							TOX2		0.96161
							NET1		0.99020
							ADD2		0.97209
							CNTN4		0.94904
							COLEC11		0.94510
							EFHD1		0.98407
							PFKM		0.97315
							TRPM2		0.97320
							BOLA1		0.95792
							VASN		0.94755

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CCDC50		0.93546
							FBXL18		0.95923
							IMPA1		0.93919
							KDM2B		0.94360
							NAV1		0.94667
							STIL		0.86730
							EFHB		0.94763
							KCNK5		0.94842
							AKAP12		0.94871
							CBLB		0.95785
							CD180		0.87782
							EBF3		0.94175
							HCN2		0.94081
							HOXD3		0.99123
							IGSF6		0.97313
							KHK		0.97583
							NAV3		0.96726
							NOD1		0.88684
							P4HA3		0.87589
							TCTEX1D1		0.86085
							ZBP1		0.94002
							PLXNA1		0.98086
							GNA12		0.92805
							ATP8B3		0.97967
							CARNS1		0.88446
							CBX8		0.98515
							FOKK1		0.97975
							MLLT3		0.92785
							SNTB1		0.85813

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AP3S2		0.94308
							DGKE		0.98488
							FOXO3		0.95550
							KDM4B		0.91995
							ME1		0.93710
							PLS1		0.95310
							RAB18		0.86705
							SLAIN2		0.98795
							TBCK		0.98205
							THOC2		0.98747
							TMEM117		0.92543
							UBR3		0.98820
							UBXN4		0.90785
							USP34		0.98160
							CD2AP		0.94620
							MBD5		0.97041
							AAGAB		0.93625
							FNDC3A		0.98803
							FOLH1		0.97522
							LARP4B		0.96076
							PPP3CB		0.97511
							SCPEP1		0.96498
							RPL3L		0.87213
							MANEA		0.89396
							PMEPA1		0.91521
							TEAD1		0.95297
							ZMPSTE24		0.98503

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							AMPD3		0.99032
							CACNA1D		0.92225
							CAST		0.93194
							CCNJL		0.88727
							FLVCR2		0.95597
							GGT1		0.93559
							GHR		0.95508
							HECW1		0.93015
							ITPR1		0.99674
							JAKMIP1		0.96882
							LAMC2		0.87107
							MCF2L		0.92837
							NME1-N...		0.96967
							PDE8B		0.95009
							PXDN		0.95053
							SEC22C		0.89647
							SLC25A12		0.93401
							SOBP		0.97418
							SYN2		0.93131
							TACC1		0.88580
							TUBA4A		0.96460
							ZDHHC6		0.97915
							ZNF304		0.88255
							MSX2		0.91250
							RBM20		0.95065
							SLC50A1		0.86999
							SVIL		0.98276
							ANKRD6		0.98818
							APCDD1		0.95386
							ATP7B		0.87622
							COCH		0.92906
							CRYZ		0.97656
							DNAJA4		0.91531
							ECE1		0.96294
							ECHDC1		0.98132
							EFR3A		0.92101
							GALNT14		0.91649
							GPR180		0.98583
							LGALS		0.90203
							LRRC7		0.95682
							LRRFIP1		0.98622
							MAP7		0.94340
							MCOLN3		0.90673
							MYO1G		0.95283
							ORC3		0.92393
							PHIP		0.87964
							PLIN2		0.93957
							PPM1B		0.90939
							PRTFDC1		0.96482
							RIMS1		0.86841
							SLC5A4		0.85370
							SPAG6		0.89650
							STK17B		0.95467
							STXBP5L		0.92545
							TESC		0.91138
							TGDS		0.93620
							AMD1		0.87190
							B3GALNT1		0.90415
							ID4		0.91323
							PPP1R10		0.92929
							FAM178B		0.84246
							ACOT13		0.93522
							ARHGAP12		0.92652
							CDCP1		0.88712
							ENTPD2		0.98422
							F3		0.94697
							ITPKB		0.94747
							LMAN2L		0.92275
							PEX13		0.90886
							PUS10		0.95640
							STK39		0.96599
							TBC1D8		0.93819
							ZNF292		0.95063

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ATAD2		0.88528
							BTX		0.84096
							C1GALT1		0.94207
							CDK17		0.93748
							CENPL		0.95498
							CEP70		0.92860
							DCK		0.94597
							HHEX		0.95480
							LACTB2		0.96067
							MPHOSPH9		0.95932
							OPTN		0.88235
							OSBPL10		0.98813
							PRDM16		0.96774
							RNF19A		0.99150
							SKAP2		0.88520
							SLC19A2		0.95399
							SLC37A3		0.97494
							SLCO5A1		0.96739
							SPIN1		0.95551
							TGFB1		0.84884
							TRIM14		0.89938
							UBE2W		0.98465
							UNC13A		0.95658
							VEZT		0.96775
							SPRY4		0.97373
							AIDA		0.95190
							C16orf72		0.95549
							GPSM3		0.78111
							ZNRF2		0.98490
							ABI3BP		0.88456
							ANGPT2		0.98540
							APPL1		0.97997
							ATP6V1C1		0.96564
							BANK1		0.77133
							CD86		0.84568
							CDON		0.94176
							CDR2		0.96464
							CDYL		0.98264
							CTNNA1		0.96497
							DEK		0.97099
							DNAJC5B		0.89787
							FAM124B		0.79614
							GLIPR1		0.96289
							IL12RB1		0.84569
							IL2RA		0.88158
							KRAS		0.94213
							NDE1		0.94493
							NLGN4X		0.91293
							PDGFB		0.93524
							PHF6		0.97432
							POSTN		0.88377
							PTBP3		0.98299
							QKI		0.96793
							SMC2		0.96257
							STAU2		0.97090
							TRIM32		0.93410
							ZFP30		0.91007
							SHC4		0.94482
							BICD2		0.93708
							KIAA0825		0.94361
							ANP32E		0.98242
							ATP6V1G2		0.97841
							E2F3		0.97641
							FAR1		0.95809
							MASTL		0.92832
							PATL1		0.98578
							PTCH1		0.93870
							RAB6A		0.94744
							RIPK2		0.94528
							RM11		0.90599
							SMC6		0.96792
							ZBTB34		0.96080
							ZBTB43		0.96809
							ZNF217		0.88040


	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AHR		0.95293
							CASP10		0.98898
							CCDC3		0.91659
							KIF26A		0.97591
							MAP3K12		0.97749
							MAP4K1		0.95639
							MOB3B		0.98675
							PDZD2		0.96420
							PDZD7		0.90098
							ENC1		0.91482
							ADCY3		0.96020
							CFH		0.94514
							ECM2		0.93626
							ESR1		0.95937
							FGD2		0.95052
							FGF1		0.96466
							JAK3		0.95795
							MAP7D3		0.95115
							MDGA1		0.94734
							MYO1F		0.90331
							PLCB2		0.90463
							PLXND1		0.96190
							PRRX1		0.95311
							PZP		0.88888
							TSPAN32		0.94603
							VASH1		0.97463
							ZBTB46		0.99577
							GIMAP1		0.95608
							TTYH2		0.96594
							FBN1		0.86659
							KIF21B		0.96926
							LAIR1		0.95861
							MMRN2		0.97584
							RCAN2		0.94459
							SYNGAP1		0.90438
							SYT11		0.95508
							ZEB2		0.94180

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ASB3		0.89537
							CNTLN		0.92192
							HPCAL1		0.91529
							MYO16		0.93075
							REEP1		0.87643
							WNT3		0.89665
							CCDC112		0.82251
							MZT1		0.94410
							FADS1		0.97311
							ZNF608		0.88138
							HOXA7		0.77122
							LNK1		0.81629
							PM20D2		0.88073
							RARS2		0.86646
							RBX1		0.74651
							RCN2		0.89659
							SERTAD4		0.73541
							SH3RF1		0.75052
							ARSK		0.95477
							ZNF550		0.93046
							FAM169A		0.76832
							GPR160		0.90974
							PKD1L1		0.98133
							RFESD		0.95260
							TWF1		0.73154

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CCDC88A		0.99080
							HDAC4		0.96700
							KHNYN		0.92283
							RORA		0.98541
							TMEM168		0.99025
							ZBTB32		0.96482
							ADAM28		0.96304
							CEP170		0.95355
							HSPG2		0.96059
							IFIH1		0.98867
							ZEB1		0.93898
							ZNF175		0.99252
							FAT1		0.96213
							PRKG1		0.97635

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CCP110		0.97351
							INHBA		0.98088
							OSBPL8		0.92376
							PTPN22		0.90799
							TIAM2		0.96386
							TTC21B		0.98681
							KCNH4		0.93301
							MMP16		0.89421
							SNX16		0.97297
							SPATA25		0.84142
							ZNF280C		0.97548
							YEATS2		0.95856
							ZNF782		0.95923
							FAM102B		0.88797
							HOXC4		0.92859
							INCENP		0.93751
							RSBN1L		0.98440
							ZNF624		0.96951

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ANLN		0.98889
							ASPM		0.98785
							BBC3		0.97839
							BIRC5		0.96922
							C1QTNF6		0.92259
							CCM2		0.94920
							CCNA2		0.98594
							CDC25B		0.97920
							CDKN3		0.97916
							CHEK1		0.93734
							DHH		0.98743
							E2F1		0.98930
							ERF		0.97495
							GGCT		0.96420
							HMMR		0.98797
							HOXB3		0.96461
							KLF10		0.96765
							MAL2		0.97698
							MALSU1		0.98853
							MSL3		0.95841
							MTHFD1L		0.98762
							NCAPG		0.98592
							NUF2		0.98911
							PABPC1		0.98385
							PKIB		0.90673
							PMAIP1		0.93323
							PRR11		0.99537
							RPA3		0.98204
							SKA1		0.98589
							SPC25		0.99261
							WDR62		0.99162
							TCF19		0.98320
							CDC25C		0.97294
							CIT		0.99198
							LIG1		0.98530
							NDUFA4L2		0.91604
							ARR3		0.96605
							BCAS4		0.98032
							CDC7		0.93833
							CDCA5		0.98333
							CENPF		0.98934
							CEP55		0.99013
							CLEC2D		0.97460
							DTL		0.98180
							GIN51		0.97895
							IGFBP3		0.90134
							KIF20A		0.98019
							KIF4A		0.99045
							LY86		0.96267
							MCM10		0.98900
							NUSAP1		0.99006
							PCDHB10		0.84765
							SPP1		0.94560
							CCNB2		0.97689
							KIF2C		0.99078
							MRPS6		0.98820
							PTCH2		0.93723
							AIF1		0.94659
							RAB3IL1		0.94338
							AMDHD2		0.97316
							AURKB		0.97031
							C11orf80		0.93138
							C1QB		0.83334
							CDK18		0.93848
							CENPM		0.95659
							E2F2		0.98564
							EME1		0.99382
							ENTPD8		0.96510
							ESPL1		0.98951
							EXO1		0.98608
							FBX1		0.96717
							GPR35		0.98438
							GTSE1		0.98837
							HOXB6		0.98291
							MCM3		0.98036
							MCM5		0.99209
							MGAT4B		0.95466
							NCAPI		0.99389
							NEIL3		0.98174
							NKG7		0.85049
							NRGN		0.96667
							NTM		0.99057
							OASL		0.99296
							PKN3		0.91814
							RAD51		0.95867
							RFC4		0.99232
							RGS16		0.86429
							RRM2		0.98578
							SHCBP1		0.97496
							SHMT2		0.96476
							SKA3		0.97800
							SPAG5		0.99239
							TACC3		0.98796
							TBX2		0.83775
							TCTEX1D2		0.99694
							TONSL		0.98501
							TOP2A		0.98366
							TPX2		0.99153
							WDR34		0.92387
							WDR76		0.98774



	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ANKHD1		0.99856
							ARL4A		0.94944
							GTF3A		0.96330
							HNRNPA1		0.98576
							KCNIP2		0.94611
							MAZ		0.89522
							MRO		0.50681
							MRPS25		0.98286
							NOP16		0.96977
							PABPC1L		0.80821
							RPL6		0.97370
							RPS13		0.99435
							RPS20		0.98036
							THOC1		0.91968
							TSNAXIP1		0.96801
							TWIST1		0.91289
							RPS14		0.99414
							RPS3A		0.96657
							RPL38		0.98570
							RPS29		0.96889
							RPL24		0.98976
							A18G		0.91517
							ASGR1		0.97622
							BMX		0.95038
							BZW2		0.96404
							C18orf21		0.98896
							CDCA7		0.94896
							CHKA		0.98680
							CTNNA2		0.84933
							PIN4		0.96724
							PKN1		0.95732
							RBP4		0.80302
							RPS25		0.98696
							GDF9		0.88033
							SOX12		0.98391
							ALKBH2		0.92598
							CPSF4		0.95069
							CSAD		0.83754
							KCNAB3		0.99423
							NHP2		0.98471
							NPM3		0.98329
							PAQR8		0.89402
							POLR2H		0.98649
							RCE1		0.97914
							RPL27		0.99689
							RPL31		0.98320
							RPL35A		0.95955
							RPL7A		0.96756
							RPL8		0.98635
							RPS18		0.99032
							S100A3		0.63751
							SEC31B		0.73818
							TIMM9		0.99210
							ZNF3		0.93661
							ZNF581		0.97701

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AKAP11		0.99261
							DOCK9		0.96870
							GBE1		0.95608
							HSDL2		0.99266
							KBTBD7		0.96688
							LGMN		0.94035
							LRRK1		0.96137
							OSTM1		0.97889
							PRKAR1A		0.98815
							SCRN1		0.95407
							SLC39A9		0.97951
							TMEM106B		0.94960
							TNKS2		0.96582
							YME1L1		0.98143
							ZFYVE16		0.96731
							HSPA1A		0.86653
							TAF13		0.98243
							ABHD13		0.99145
							BTBD3		0.97475
							CNN3		0.92770
							HOOK1		0.99853
							IDH1		0.97617
							KIT		0.93158
							NPTN		0.98105
							PDE8A		0.96135
							PIKFYVE		0.99465
							SNX1		0.95745
							UNC79		0.92649
							USP45		0.99096
							ZMYND11		0.97759
							RAB8B		0.99667
							LRRC8B		0.98649
							MAP2K1		0.99505
							PNPO		0.88108
							SCAMP5		0.87700
							SCCPDH		0.97176
							TC2N		0.96865
							ZNF846		0.99136

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							GCNT2		0.93380
							SDK1		0.85811
							TPT1		0.86632
							CPO		0.83093
							EYA4		0.89185
							FKBP5		0.92989
							IGSF1		0.99030
							NDP		0.91779
							PAGE4		0.93435
							SLC27A6		0.96330
							SLC39A8		0.96399
							ZNF655		0.94250
							FOXA3		0.90452
							CDC42EP5		0.92463
							FAH		0.85853
							SLC22A4		0.99162

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CDC73		0.97503
							CYB5R3		0.91567
							FAM13A		0.95138
							NR3C1		0.94019
							TMTC3		0.98910
							ZSWIM6		0.97476
							TDRKH		0.97512
							ATF2		0.98513
							ATG16L1		0.95625
							DEPTOR		0.98407
							FOLH1B		0.98221
							GCA		0.99189
							KLHL20		0.97285
							NDRG3		0.98683
							NFE2L2		0.96949
							PPIG		0.98106
							SCRN3		0.98956
							MTCP1		0.90825
							LCORL		0.99931
							ZFY		0.99618

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							GALNT13		0.84541
							MT2A		0.76674
							MYLK3		0.78607
							PPARGC1A		0.87550
							PRSS16		0.93819
							SFXN5		0.74670
							TEKT5		0.80532
							QPCTL		0.87257
							GTF3C6		0.85021
							GLIS1		0.90892
							BPIFB2		0.82708
							DSC3		0.92317
							G0S2		0.71992
							IGF1		0.91338
							ISL1		0.79801
							LRAT		0.91466
							SNAP25		0.78967
							STK33		0.88249
							TBXAS1		0.89342
							ZNF750		0.93229
							CPA6		0.91917
							FKBP1B		0.89277
							GLDN		0.84503
							MT1A		0.94220
							PPIB		0.86611
							TMEM63A		0.85047
							TP53I3		0.89941

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ABHD11		0.98481
							CABLES1		0.78402
							IER3		0.90020
							PRR7		0.99279
							ADAMTS13		0.96395
							IER5		0.89412
							SPIRE2		0.99834
							GIGYF1		0.98344
							GRB7		0.89504
							HAGHL		0.97886
							LAG3		0.90859
							MAK		0.97424
							ONECUT2		0.91281
							GNB1L		0.96262
							BRI3		0.93064
							CDT1		0.95728
							COMTD1		0.93800
							ITIH4		0.93102
							MXD3		0.97571
							NDUFV1		0.97218
							NUDT1		0.95001
							PDE1B		0.76360
							PLK3		0.91092
							POLD2		0.97079
							PRELID1		0.96873
							S100A13		0.89151
							THBS3		0.80787
							TSEN54		0.98822
							ZNF783		0.92310

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AMIGO2		0.96427
							CCNO		0.79267
							CD72		0.98987
							FAM83D		0.96214
							MCM6		0.93614
							MLXIPL		0.94897
							MNS1		0.96937
							NRXN3		0.94555
							SLC25A19		0.90152
							YWHAH		0.95100
							ANGPTL3		0.83321
							ASS1		0.94947
							ATP1B1		0.87638
							CHRD12		0.86783
							CPS1		0.95890
							DGAT2		0.97242
							ERP27		0.84878
							GNLY		0.90044
							METR1		0.94110
							MMD		0.96741
							NFKB1A		0.93021
							NGF		0.96768
							RAB32		0.98527
							RELT		0.85799
							STMN2		0.82744
							STX2		0.97773
							TMEM176A		0.88327
							HES6		0.91470
							TLCD1		0.92215
							ADM		0.84645
							AKR1C3		0.92690
							IER5L		0.95778
							IL32		0.93950
							KPNA2		0.96348
							LCN12		0.92857
							LMNB2		0.96585
							OSCAR		0.91496
							SHOX2		0.82870
							SYK		0.96179
							TMEM139		0.98869
							ZFP36L1		0.99066

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CYP3A5		0.94622
							FAM81A		0.89578
							MGST2		0.98299
							MRAP2		0.95768
							TRIM38		0.97125
							ALDH1L1		0.97063
							AOX1		0.94512
							CCDC85A		0.98820
							CHRD		0.96741
							FRMD6		0.93991
							GNAO1		0.98966
							NOS1		0.96413
							ZDHHC15		0.94510
							PRICKLE2		0.98924
							SNAI2		0.98351
							PLEKHG4B		0.95276
							SPON1		0.87851
							MOGS		0.99043
							PNKP		0.96089
							TRIM13		0.98689

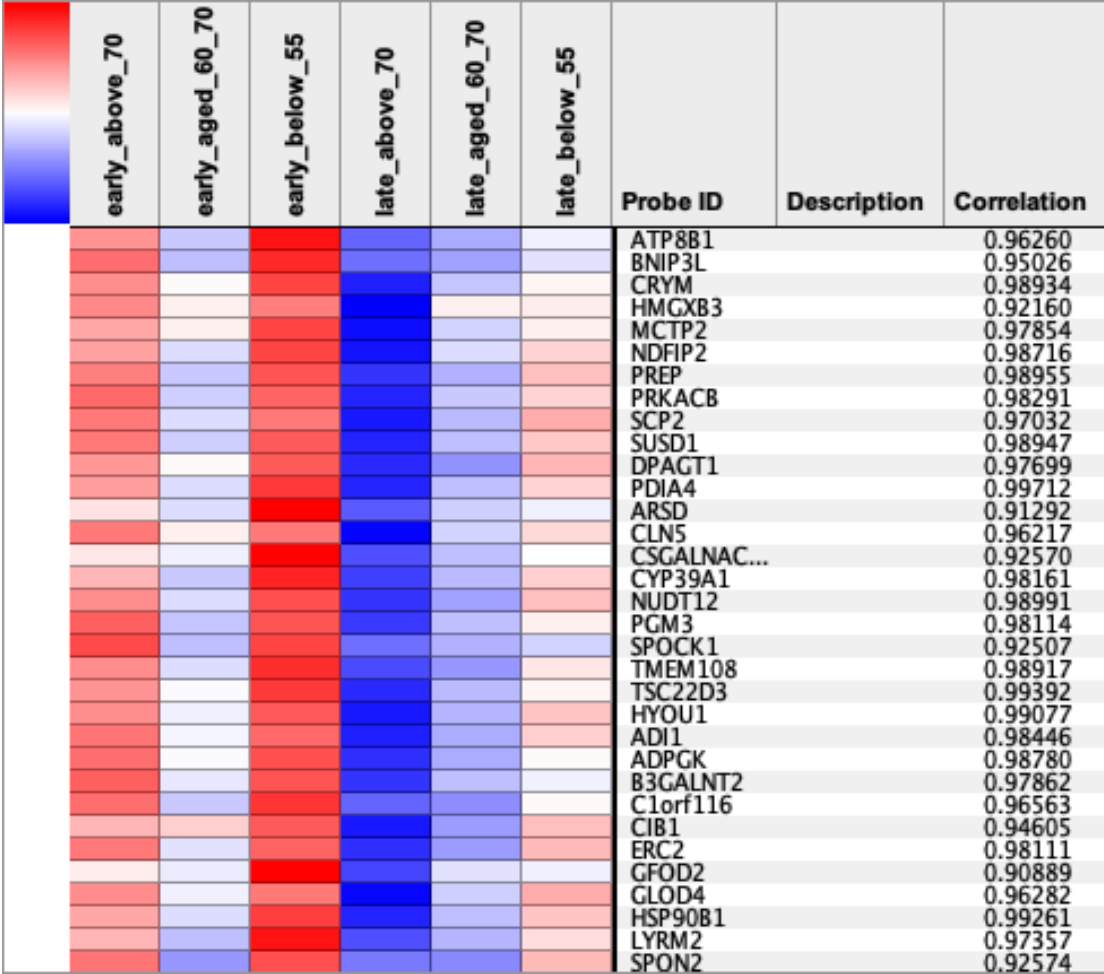
	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							LPIN2		0.98131
							PRDM4		0.97227
							RABGEF1		0.97493
							TRIM24		0.96699
							GART		0.99788
							GREB1L		0.97957
							ME2		0.97663
							MED13L		0.89223
							RECK		0.92039
							TFAM		0.94277
							WWP1		0.99597
							DTX3L		0.98168
							LCLAT1		0.98452
							METTL2B		0.99533
							NEU3		0.98567
							PLEKHA7		0.96868
							STK38L		0.94139
							ZNF445		0.98378

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							NAPA		0.98972
							VWDE		0.95486
							DNAJC12		0.94417
							TMEM189		0.95815
							ECH1		0.98912

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CABIN1		0.98486
							CNN2		0.86977
							LTBP4		0.78221
							MEGF8		0.98191
							PID1		0.97176
							PRAM1		0.79198
							STRADB		0.97129
							SYT1		0.86343
							MYO9B		0.98621
							CHODL		0.93166
							CTNS		0.91796
							CYP2J2		0.88728
							DISP2		0.94395
							NCDN		0.95088
							RPS6KA2		0.92911
							TMEM86A		0.96889
							PTP4A3		0.96548
							ARHGAP1		0.89931
							ATG9A		0.97560
							BCL6		0.94468
							CTC1		0.98140
							CUL9		0.99005
							GALNT10		0.97513
							GOLGA3		0.99571
							NSMCE1		0.83163
							ORAI3		0.92875
							PLEKHG5		0.88591
							PNPLA2		0.97988
							POU2F2		0.90816
							TBC1D16		0.93586
							ZDHHC14		0.98353
							ZNF324		0.92569

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AP3M2		0.97715
							AZIN1		0.93827
							BRAF		0.96997
							ECT2		0.89824
							EFCAB11		0.85216
							HILPDA		0.92439
							ISCA1		0.97817
							PAK1		0.78182
							PRLR		0.95025
							RAD23B		0.94103
							ZWILCH		0.98001
							MAD2L1		0.96148
							TMEM70		0.97081
							AGTPBP1		0.97982
							BAG4		0.93688
							DNAH11		0.85404
							GAS2		0.87505
							MAPK9		0.99617
							PTPRR		0.91391
							RASSF3		0.98143
							SDCBP		0.97702
							WASF1		0.96403
							CMBL		0.91998
							DAPK1		0.88220
							GLO1		0.93914
							MRPL50		0.91266
							RRM1		0.95538
							SLBP		0.93330
							TPGS2		0.92805
							ZNF273		0.98691

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ARF5		0.98535
							ASNS		0.99274
							CDC45		0.99499
							CDK4		0.98749
							CHCHD3		0.97161
							DBF4		0.98655
							DMTF1		0.94337
							DNAJB6		0.98079
							DYNLL1		0.99014
							EIF3H		0.98998
							ENSA		0.90723
							EYA2		0.97245
							FANCC		0.96221
							FIGNL1		0.97160
							FUS		0.94228
							HCFC1R1		0.95280
							HTRA2		0.96477
							KIF18A		0.95089
							LMNB1		0.95682
							LSM5		0.96204
							MRPS33		0.96582
							MRRF		0.99231
							NR1D1		0.94505
							NRM		0.95735
							NSMCE2		0.95673
							PCGF1		0.90549
							PLCH1		0.98760
							PPARG		0.99015
							RALA		0.97872
							RALY		0.98494
							RANBP1		0.97716
							RGS9		0.92051
							RHPN1		0.88339
							RNFT2		0.94972
							SSBP1		0.96979
							TBRG4		0.95579
							TCF3		0.92535
							TFAP4		0.96709
							TMSB10		0.98607
							UBE2I		0.96055
							UBE2S		0.95777
							UQCRCB		0.99094
							BANF1		0.94007
							DDX39A		0.99303
							POLD1		0.97798
							YBX1		0.99101
							HNRNPAB		0.98080
							REXO4		0.99733
							RNPS1		0.97138
							PPP2R3B		0.88015
							ANP32B		0.97587
							BATF		0.95477
							BOD1		0.98750
							CCDC34		0.98636
							CDCA3		0.96609
							CENPK		0.99344
							GPC3		0.92842
							LEF1		0.99086
							LRRC61		0.94369
							MAD2L2		0.96122
							MND1		0.95907
							ODF2L		0.98522
							PKMYT1		0.94721
							POLA2		0.99037
							POLQ		0.97071
							RFC2		0.94930
							RPL26L1		0.98892
							RPL30		0.97493
							SAMD1		0.92654
							SPDYE1		0.95008
							STMN1		0.95004
							TBX19		0.91918
							TLE6		0.95781
							TRIP13		0.93523
							UBE2T		0.96965
							ZNF706		0.93913
							ZNF768		0.92147
							DDIT3		0.98910
							GFER		0.97618
							TMSB4X		0.98022
							MELK		0.96913
							ADCK5		0.98800
							ASF1B		0.97328
							C21orf58		0.96916
							CACNB3		0.96591
							CCDC58		0.96021
							CCNF		0.93436
							CDK1		0.96982
							CRIP1		0.89676
							DDX49		0.94650
							DNAJC9		0.97637
							FAM89B		0.98405
							GNG3		0.97580
							GTF2H4		0.98557
							HIAU58		0.98759
							HMGCB2		0.94452
							ITGB1BP1		0.95716
							KIFC2		0.96227
							LINGO1		0.96798
							MRPL48		0.95717
							NASP		0.99004
							PCNA		0.96005
							PCSK4		0.96997
							PFDN6		0.88238
							PIF1		0.96504
							RCC1		0.97399
							RNA5H2A		0.98305
							SDC1		0.94152



	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ATP8B1		0.96260
							BNIP3L		0.95026
							CRYM		0.98934
							HMGXB3		0.92160
							MCTP2		0.97854
							NDFIP2		0.98716
							PREP		0.98955
							PRKACB		0.98291
							SCP2		0.97032
							SUSD1		0.98947
							DPAGT1		0.97699
							PDIA4		0.99712
							ARSD		0.91292
							CLN5		0.96217
							CSGALNAC...		0.92570
							CYP39A1		0.98161
							NUDT12		0.98991
							PGM3		0.98114
							SPOCK1		0.92507
							TMEM108		0.98917
							TSC22D3		0.99392
							HYOU1		0.99077
							ADI1		0.98446
							ADPGK		0.98780
							B3GALNT2		0.97862
							C1orf116		0.96563
							CIB1		0.94605
							ERC2		0.98111
							GFOD2		0.90889
							GLD4		0.96282
							HSP90B1		0.99261
							LYRM2		0.97357
							SPON2		0.92574

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							CCDC114		0.97186
							CMTM7		0.98286
							ENO3		0.90644
							GATA6		0.93731
							ID2		0.90756
							KLF5		0.91528
							RAI14		0.89728
							SRI		0.98604
							CKS1B		0.91880
							RSPH9		0.97336
							AKR1C2		0.96688
							ARHGAP15		0.91474
							CHAC2		0.95133
							CHL1		0.80779
							LAMB1		0.94092
							LRRC43		0.90204
							LRRC4C		0.93434
							NVL		0.90127
							PACSIN1		0.91876
							RHEB		0.89533
							RNF130		0.90863
							SLC25A39		0.91486
							SPAG4		0.91357
							ZNF787		0.94831
							CNIH4		0.97185
							CKS2		0.88419
							AKR1C1		0.94178
							ARPC5L		0.98801
							ARRDC1		0.93603
							CCNE1		0.97202
							CDC26		0.95087
							CHEK2		0.87225
							FASTK		0.89685
							IQCD		0.99680
							IRF2BP2		0.94857
							LRR1		0.98945
							PLEKHH3		0.92272
							RAC1		0.97267
							SEMA3B		0.91237
							SKA2		0.94355
							SLC2A8		0.98719
							TMEM203		0.94131
							TMUB1		0.93119
							TOMM40L		0.91455
							URM1		0.94371
							ZP3		0.92603

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							APC		0.94381
							FER		0.97836
							GALNT3		0.97340
							GPN3		0.93562
							GTF2H3		0.95334
							RAB3GAP1		0.97007
							SHBG		0.84863
							ZRANB3		0.95050
							TMED4		0.96661
							BMPRI1A		0.98714
							DNAJC25		0.93645
							EPC2		0.97588
							FRRS1		0.97411
							GGH		0.80278
							MMS22L		0.96660
							NPEPPS		0.98348
							LCOR		0.95950
							TOB1		0.63086
							ACAA2		0.95644
							C9orf64		0.89736
							FBXL13		0.96761
							SLC35E3		0.95455
							SNX4		0.98910
							SPTY2D1		0.98084

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ITGB8		0.93284
							SORCS1		0.94862
							TDP2		0.96198
							KBTBD6		0.94552
							ARSJ		0.90903
							ATRNL1		0.92746
							GPM6B		0.97925
							HCN4		0.89902
							SH3TC1		0.96406
							SMARCA1		0.97004
							SUSD4		0.92518
							ACYP2		0.86040

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							AHI1		0.94470
							FAM120B		0.98302
							FBXO32		0.86089
							GALNT7		0.84892
							KAT6B		0.99180
							LIPT1		0.95322
							METTL8		0.95808
							N4BP2		0.96695
							POLR3B		0.91746
							PTPRJ		0.96911
							SIPA1L3		0.93607
							TESK2		0.92503
							TRIM2		0.90138
							VCL		0.98184
							VP554		0.89119
							WDR35		0.97492
							ZBTB1		0.97213
							ZKSCAN2		0.95558
							C6orf52		0.89742
							ZNF778		0.91244
							ANTXR2		0.94888
							HLCS		0.96736
							MAML3		0.92333
							ABI2		0.98817
							BICD1		0.96300
							CGRRF1		0.98838
							DSP		0.96609
							EDEM3		0.87908
							ILDR1		0.94465
							ITGA9		0.97002
							KIF13A		0.95893
							MPDZ		0.97980
							PHACTR2		0.95407
							PIK3C3		0.98693
							PPP1R13B		0.98307
							PRSS23		0.91088
							RAB11FIP2		0.99101
							RASSF8		0.92044
							RNF13		0.97166
							SPECC1L		0.98538
							TTC17		0.95772
							ZNF331		0.93958
							COLEC12		0.98335
							SLC36A4		0.95709
							BTRC		0.98955
							DNAJC28		0.91706
							ELK4		0.94426
							GIGYF2		0.97893
							HSH2D		0.94440
							LEO1		0.99909
							PGBD4		0.97606
							PIGN		0.93801
							RAVER2		0.95003
							ROR1		0.94953
							SGMS1		0.99222
							STK32C		0.94976
							WIP1		0.97755
							ZSCAN30		0.99019
							ZSWIM5		0.97417

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ARHGAP26		0.95913
							BCAN		0.54367
							CA11		0.97300
							CELSR1		0.97050
							CFTR		0.70504
							CHI3L2		0.93900
							CREB3		0.93782
							CREB3L1		0.94091
							CYP20A1		0.98480
							DHRS7B		0.97752
							DUSP1		0.99498
							EML2		0.95197
							ETV6		0.83719
							HM13		0.98225
							ITM2C		0.91331
							KCNK6		0.96509
							LHPP		0.96397
							NR4A3		0.93953
							PDGFC		0.93283
							PER2		0.98489
							PIEZO1		0.95704
							PITPNC1		0.97807
							PLA2G15		0.97423
							RHOB		0.89130
							RTN2		0.97165
							SIL1		0.97602
							SUMF2		0.98999
							TRPM4		0.98678
							VPS53		0.95552
							SEC61A1		0.96312
							ABCA8		0.96708
							ACP5		0.95968
							BCAR1		0.99095
							DHRS7		0.91282
							ERP29		0.96774
							FBN3		0.81701
							FST		0.48135
							GLRB		0.75200
							GMPPA		0.98541
							CSS		0.95809
							HDC		0.81489
							INPP4B		0.81062
							NPR3		0.94322
							PPL		0.98066
							RHOBTB2		0.88150
							RRBP1		0.99079
							SCGN		0.53172
							SH3BGR1		0.96984
							SIDT2		0.96171
							SLC26A4		0.95159
							SLC4A11		0.97972
							TCF25		0.99435
							TF		0.64088
							TTC28		0.95196
							USP5		0.94598
							WLS		0.91025
							RNF150		0.89539
							TXNRD2		0.99115
							IL6R		0.93456
							ABHD1		0.98746
							ALDH2		0.90380
							ANKRD24		0.90129
							ATG13		0.96474
							ATP6V0D1		0.98711
							BLVRB		0.96475
							C2CD4A		0.64306
							CDC42EP1		0.92432
							CDC42EP4		0.93708
							CEBPD		0.56781
							CHPF		0.99039
							CLN3		0.92872
							CYB5R2		0.87411
							EFCAB6		0.98796
							EMP2		0.89589
							GUSB		0.96282
							ICSF5		0.68813
							LIMK2		0.97669
							LRRC29		0.90553
							MAN1B1		0.93292
							MAPKAPK3		0.92466
							MED16		0.85719
							NAGPA		0.98257
							NUCB1		0.96006
							PBXIP1		0.97502
							PGPEP1		0.96315
							PIP5K1C		0.96743
							PLCD1		0.91383
							PLD3		0.93212
							SLC9B2		0.95790
							STAT6		0.97194
							SYTL3		0.93554
							TBC1D17		0.84846
							TNK1		0.97275
							TRAPPC12		0.85120
							VAMP2		0.99278
							VPS33B		0.96597
							WDR45		0.92676

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							IGF2BP2		0.90356
							LIMD1		0.79079
							MAP2		0.62115
							MDH18		0.90422
							RFC3		0.88505
							TBPL1		0.94988
							TMEM62		0.97628
							TMEM107		0.79412
							CCDC65		0.95033
							CD69		0.93366
							CD83		0.98006
							CTDSPL		0.86121
							EXPH5		0.98416
							MBNL3		0.93962
							NFKBIZ		0.90819
							PTP4A1		0.94701
							AMN		0.85290
							ANKS6		0.90260
							CCDC103		0.82338
							CD274		0.84423
							DIAPH1		0.91420
							PLA2G1B		0.92953
							REEP4		0.82787
							SIK2		0.88263
							SMURF1		0.94628
							SYP		0.87209
							TPI1		0.87392
							VDAC3		0.73227

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AAK1		0.98850
							BCAS3		0.99033
							CDC14B		0.90560
							CELF2		0.99420
							CREBL2		0.91708
							ERBB3		0.94092
							GTPBP1		0.95988
							GYS1		0.97810
							PGM1		0.90804
							RIPK1		0.98625
							SATB2		0.88688
							SCAMP2		0.99236
							SPHK2		0.99439
							SREBF1		0.97930
							SSPN		0.98277
							SUMF1		0.99914
							SLC11A2		0.93494
							MADD		0.98900
							ABCD3		0.93828
							AP1S3		0.98498
							CAT		0.96332
							EVI5L		0.97681
							GNAT2		0.83379
							KAT2B		0.97445
							RWDD2B		0.97455
							SIAE		0.97772
							SLC16A2		0.94619
							SORT1		0.99834
							TBC1D8B		0.98970
							CNTNAP2		0.91685
							ALG1		0.98207
							APOLD1		0.98977
							FAM217B		0.93854
							GRAMD1C		0.98101
							ICMT		0.96715
							LDHD		0.97323
							MPL		0.98059
							PSAP		0.99364
							SSR3		0.99589
							TCTN1		0.99594
							TMC4		0.99091
							TRIM68		0.98795
							ZNF652		0.92284

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ACAD8		0.97927
							ACAT2		0.94907
							AMT		0.96035
							DUSP16		0.91856
							ELP3		0.98800
							FSTL4		0.93276
							FZD1		0.99148
							FZD3		0.94994
							GMD5		0.96898
							INTS9		0.95597
							MANSC1		0.96144
							MBTPS1		0.98650
							MTFMT		0.98140
							PEMT		0.94773
							PTK2B		0.97334
							PXN		0.95945
							QSER1		0.98095
							RAP1GAP2		0.96514
							SIDT1		0.97284
							SLC1A5		0.96726
							SMPDL3B		0.94029
							TIFA		0.96986
							TSPAN18		0.99247
							UBXN8		0.98528
							ARHGEF37		0.96252
							CLSTN1		0.95131
							VPS39		0.98460
							PRKCB		0.96681
							CHD3		0.98392
							MYBPC1		0.98330
							ABCA10		0.95698
							BCAS1		0.99678
							BLNK		0.97080
							HPN		0.96496
							HS3ST3A1		0.95213
							LRCH2		0.99666
							MLEC		0.98064
							NISCH		0.98550
							RAPGEF4		0.97796
							RPS6KC1		0.98791
							SARDH		0.98892
							SH3BP4		0.99696
							SPCS3		0.94549
							STARD8		0.92319
							STYK1		0.94500
							SUN2		0.98859
							SYTL4		0.93227
							WTAP		0.99274
							YIPF3		0.96292
							ANXA9		0.98179
							C2		0.95599
							CES2		0.98386
							CNPY3		0.96772
							DLGAP2		0.94368
							DPH1		0.93994
							FAM111A		0.95883
							FAM174B		0.92015
							FUT10		0.97695
							LRRC8E		0.97973
							NWD1		0.99552
							PRSS8		0.99082
							PSTK		0.97974
							TEP1		0.96487
							TIGD6		0.88686
							TRAK1		0.90281
							TTC38		0.98015

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							EGLN3		0.91174
							KAZALD1		0.95008
							MEPCE		0.94981
							MPST		0.87603
							SCNN1A		0.95722
							SLC12A9		0.92104
							MOSPD3		0.88489
							TNFSF9		0.76559
							CCDC85B		0.87289
							DUSP2		0.89745
							JSRP1		0.91563
							JUND		0.92884
							ANXA13		0.90300
							CAPN6		0.80321
							CYP11A1		0.89361
							HTR2A		0.86461
							IL1RN		0.83975
							NECAB2		0.57786
							PGF		0.89649
							TCIRG1		0.86456
							TRIP6		0.91923
							TTR		0.85975
							TMEM238		0.98407
							DDX11		0.83035
							EPHA8		0.91931
							FKBP1		0.87684
							GNB2		0.92578
							KLF16		0.90754
							LRFN2		0.97237
							PCDHA4		0.90154
							PDZK1IP1		0.90506
							RAD9A		0.90735

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AKIRIN2		0.94036
							FAM189A1		0.89786
							HNRNPD		0.96363
							NUP54		0.97817
							ZC2HC1A		0.91596
							HNRNPH1		0.97348
							ABT1		0.96591
							ARL16		0.92413
							GATA2		0.99742
							TMEM52		0.98366
							ZBTB12		0.98411
							ZNF7		0.96500

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ASAP1		0.95422
							CD200		0.96799
							CMPK2		0.97487
							DPYSL2		0.94846
							IQCE		0.97785
							MPRIP		0.98464
							NRP2		0.91952
							SLC6A6		0.90540
							AGAP2		0.97694
							DNA2		0.97324
							SIGLEC9		0.94044
							FMNL3		0.99325
							HCN3		0.97406
							MLXIP		0.97120
							PCDH12		0.98990
							RASA3		0.98478

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CLCN6		0.97019
							PPFIBP1		0.99574
							FBXL20		0.98302
							FUT1		0.96529
							METAP1D		0.99775
							MOV10		0.98358
							ZBTB3		0.98918

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							GARNL3		0.98316
							PIEZO2		0.97370
							VPS8		0.92875
							IRAK4		0.99468
							SRGAP3		0.96929
							ACSL4		0.98614
							FLT1		0.99000
							LGI2		0.97494
							LMF1		0.96852
							PEPD		0.94262
							PTPRB		0.94132
							TMOD1		0.96762
							EYS		0.98190
							MKNK2		0.93685
							SHROOM4		0.96120
							CSRP2		0.93939
							DNAJB4		0.97376
							IRAK2		0.95868
							ITPRIP		0.99524
							NXPH4		0.95348
							PLA2G2A		0.92246
							UBTD1		0.93956

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ATP8B4		0.98056
							DHRS9		0.97392
							EPO		0.87520
							ICAM5		0.99276
							TRPC6		0.93754
							ZNF831		0.95492
							BTBD19		0.97111
							PITPNM2		0.64426
							CD3G		0.95686
							PXT1		0.90634

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ALDH9A1		0.97850
							CD164		0.94734
							HAT1		0.89490
							IDI1		0.95753
							LRP11		0.94714
							MYO1E		0.95936
							OSBPL9		0.95358
							PIBF1		0.99269
							PPM1H		0.95818
							STAMBP		0.98843
							TMEM87A		0.96770
							ATP1A1		0.94374
							ACSL3		0.95991
							CCNC		0.93872
							CLGN		0.95973
							CLIP4		0.93184
							HGFAC		0.88334
							IFNGR1		0.92347
							KIF16B		0.97285
							MBNL2		0.90989
							MTHFS		0.97388
							NEBL		0.90911
							PIK3R1		0.96395
							SLC46A3		0.97944
							SMAD9		0.85250
							PTER		0.96143
							CCK		0.85236
							ERAP1		0.96437
							GLB1L		0.92170
							LMBRD1		0.98726
							MXRA7		0.97755
							PLCB1		0.99168
							SYN12BP		0.98364

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							COL4A4		0.94176
							DISP1		0.93536
							DNAH9		0.93137
							DTX4		0.96611
							GFOD1		0.96240
							NFIC		0.97237
							PIK3IP1		0.98424
							PIK3R3		0.93949
							SOD2		0.98101
							SYNE2		0.98837
							TLE3		0.92922
							WDR37		0.95728
							TMEM143		0.91668
							TOM1L2		0.94208
							ADAMTSS		0.98202
							ARHGEF5		0.95901
							ATP6V0A1		0.99206
							CERS4		0.98180
							DHDDS		0.96819
							IQSEC2		0.95884
							PNPLA6		0.97822
							POU2F3		0.93294
							WDTC1		0.98510
							NEGR1		0.99544
							SLC20A2		0.97911
							ABCA7		0.92181
							C6orf132		0.90297
							CAMTA2		0.97149
							CCNDBP1		0.98543
							GBA		0.98807
							PTPRU		0.91298
							SLC6A17		0.98920
							SPRYD3		0.98165
							THAP8		0.98767

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							KCNN1		0.45634
							KLHL29		0.96852
							MAPK10		0.85689
							STAMBPL1		0.87958
							UCN2		0.90252
							ADAMTS3		0.93379
							COL9A1		0.92430
							EPX		0.88979
							GATA5		0.87782
							PCBD1		0.91753
							TMEM204		0.80602
							PRCD		0.84906
							SLC9A5		0.80194

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BBS2		0.93573
							DNAJC17		0.87336
							MGLL		0.94290
							MTUS2		0.95107
							MZF1		0.89916
							RRNAD1		0.95668
							EML6		0.88632
							ASB2		0.90127
							CATSPERB		0.88263
							CBLC		0.97677
							CELF6		0.91731
							CIB2		0.93859
							CRTAC1		0.96679
							EBF4		0.98798
							EDNRA		0.93040
							MAPK13		0.98003
							PDK4		0.96809
							PDZRN3		0.88099
							PLA2G5		0.90828
							RBMS3		0.96118
							RGS2		0.94709
							RGS22		0.96294
							RIMBP2		0.98027
							RNF165		0.97813
							SMPD3		0.96035
							TFEB		0.98239
							TMTC4		0.96121
							ZNF614		0.82998
							C2CD4D		0.95529
							CLDND2		0.92853
							KLK11		0.93382
							MCC		0.98527
							PLA2G6		0.99377
							SHC2		0.81945
							TMEM79		0.99053

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							NR6A1		0.97070
							IGSF10		0.95083
							NEK6		0.78891
							OPN3		0.86631
							TMEM156		0.92097
							LIPC		0.85214
							PRR15L		0.80954

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CDKN2B		0.98891
							DZIP1L		0.96058
							FSCN1		0.97172
							PIM1		0.98647
							SERPINE2		0.98717
							SLC16A3		0.95588
							CERKL		0.98263
							MAFB		0.98799
							ANKRD13A		0.95974
							KBTBD2		0.97861
							RELL1		0.98001
							RNASEK		0.93643

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							DDHD2		0.86148
							NFATC2		0.91201
							SFXN2		0.84924
							TOX3		0.63688
							TRIM36		0.83085
							UAP1		0.95075
							CTSG		0.97246
							ELAVL2		0.87361
							EPHA4		0.88319
							GLUD1		0.88443
							HMGCLL1		0.97283
							MAP2K6		0.84692
							MCF2		0.97943
							MSTN		0.71552
							OSGIN1		0.92155
							SLC25A48		0.92136
							TMSB15A		0.74296
							WDR17		0.67005
							DAB1		0.96686
							ASAH2		0.96472
							C20orf96		0.79583
							EXTL2		0.84043
							MYLPF		0.96693
							SP8		0.70513
							SPRED3		0.92723
							SRMS		0.73397
							ZNF114		0.96587

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CEP78		0.98567
							G3BP1		0.97604
							HAUS6		0.91753
							IGF2BP3		0.95038
							KIF20B		0.96002
							PLK4		0.97006
							POLE2		0.93516
							SNX10		0.98465
							STARD3NL		0.84473
							TTC26		0.86519
							ZFAND1		0.92973
							CDCA7L		0.96227
							ARHGAP39		0.98199
							BRCA2		0.97433
							COL11A1		0.97690
							DNMT3A		0.94983
							ESRP1		0.98117
							FANCD2		0.94720
							IFIT2		0.91588
							KLB		0.89772
							MCM2		0.94180
							MNX1		0.95155
							NCAPG2		0.98479
							OTUD6B		0.97008
							TFR2		0.87447
							ZNF618		0.90240
							MYBL1		0.94410
							SLC34A3		0.92402
							C18orf54		0.98747
							DCST1		0.73800
							EME2		0.89478
							FANCG		0.95175
							GPR137C		0.92533
							MRPL15		0.96904
							MTBP		0.94848
							RAD54B		0.97720

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							GUK1		0.80907
							TNFRSF12A		0.72619
							ZMYND10		0.94229
							KCP		0.97355
							CORO7		0.93494
							DPM2		0.90342
							KRT7		0.79291
							TIMM13		0.71998
							TMEM45A		0.91211
							USP2		0.90916
							WDR63		0.84386
							ZNHIT1		0.83183

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							SCD		0.85657
							SPINK5		0.90141
							ALDH8A1		0.88577
							BARD1		0.74551
							C4orf33		0.87412
							MADCAM1		0.91699
							SLC16A7		0.93741
							SNAP91		0.96501
							AREG		0.96973

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							GSTP1		0.93686
							ID3		0.93239
							KPTN		0.95086
							DPM3		0.96540
							RPL13A		0.78980
							ATP6V1B1		0.92327
							ELF5		0.95527
							NTN5		0.88339
							TRIP10		0.98266
							VIPR2		0.86957
							BCO2		0.95831
							DNAJC4		0.96963
							MBLAC1		0.81425
							SLC25A37		0.87615
							TMPRSS9		0.83366
							ZNF692		0.94097

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CCDC102B		0.98640
							F2RL3		0.94071
							LAMA3		0.98921
							LAMTOR3		0.97861
							PLSCR4		0.96058
							REXO2		0.98070
							SNRPD3		0.95606
							TLL2		0.97384
							TMEM123		0.98545
							SSB		0.95630
							TMEM45B		0.99263
							TRNT1		0.96731
							ATP6V1G1		0.94790
							TMEM126B		0.93819
							ZC3H15		0.94972

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ARRDC3		0.93240
							ATL2		0.97956
							CLIP1		0.97424
							FKBP14		0.95745
							HS2ST1		0.90989
							IARS2		0.98523
							KIFAP3		0.98076
							MTMR12		0.88723
							NUP153		0.96009
							NUP155		0.98647
							PMS2		0.96928
							SNX30		0.97185
							ZFP64		0.99860
							LRBA		0.98965
							APAF1		0.99248
							ARL6		0.96694
							CAND1		0.97202
							CBL		0.98317
							CPNE3		0.96177
							DIAPH2		0.97927
							EARS2		0.98562
							FAM160B1		0.95621
							FKTN		0.99358
							FOXN1		0.87406
							NCEH1		0.97611
							RCBTB1		0.97719
							SNCA		0.95324
							TBC1D12		0.94695
							UGCG		0.97132
							ATF7IP		0.93081
							SLC12A8		0.89352
							ABHD6		0.89138
							ASPH		0.94482
							CEP135		0.98050
							CHRNA7		0.91078
							CREB3L2		0.85323
							PELI1		0.95551
							SMC5		0.98671
							TMPPE		0.92801

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CHRM3		0.97202
							FFAR2		0.89631
							HAPLN2		0.95780
							RNF128		0.89154
							CCDC57		0.99487
							MZB1		0.84992
							RPS27L		0.96332
							SERINC4		0.93659
							ZNF511		0.97172

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							FYN		0.96782
							GAB2		0.98121
							INPP4A		0.91879
							KYNU		0.98110
							PLEKHA8		0.91291
							PLEKHG1		0.97920
							PRR5L		0.98230
							RASGRP3		0.99038
							RFTN1		0.98127
							RGSS		0.97800
							SEMA4F		0.95410
							SH3KBP1		0.96173
							SULF1		0.96693
							UBR5		0.89551
							USP35		0.97631
							ABCB4		0.97653
							ADAM12		0.97857
							APBB1IP		0.95206
							ARHGAP9		0.92774
							ARHGEF2		0.93059
							ARHGEF6		0.96186
							CD53		0.97370
							CDH11		0.95487
							CLIC2		0.99056
							COL8A1		0.98851
							CPXM2		0.95533
							CREB5		0.96973
							CTTNBP2NL		0.89605
							DOCK10		0.98555
							DRAM1		0.97133
							ELF4		0.97515
							ENPEP		0.98910
							FGL2		0.92397
							FN1		0.96032
							FUT8		0.85027
							MAP4K4		0.97651
							MYCT1		0.97932
							PIK3R5		0.96690
							SASH3		0.93045
							SCARF1		0.97943
							SLC43A3		0.90915
							SP140		0.98135
							ST8SIA4		0.98716
							TFEC		0.98633
							TNFRSF18		0.94007
							TNFSF8		0.97853
							UACA		0.98382
							WIPF1		0.95719
							ATXN7		0.93849
							CSGALNA...		0.96512
							FAM78A		0.98076
							MYLIP		0.97505
							BCL2		0.86944
							CD5		0.97080
							DNMT1		0.95109
							STK17A		0.93623

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CNTN3		0.97942
							CYP1B1		0.98363
							ERGIC1		0.99096
							ITPR2		0.98889
							KCNQ1		0.96246
							PIAS2		0.98249
							PPP1R12B		0.98006
							PRDM11		0.98408
							RANBP10		0.98683
							SEMA3C		0.97756
							SLC22A23		0.94899
							SMAD4		0.96285
							TBC1D30		0.96060
							VPS26B		0.98552
							BCL2L2		0.99824
							IST1		0.99471
							COG8		0.99280
							DCAF11		0.99591
							DNAH5		0.92215
							DOCK5		0.98261
							IL1R1		0.96191
							OSBPL5		0.71366
							PSD4		0.97582
							SLC27A2		0.99769
							TERF2		0.96553
							TNFSF10		0.98534
							ACTN1		0.96927
							BAIAP3		0.94436
							DHX38		0.98505
							IRS1		0.96404
							KRBA2		0.98877
							MTOR		0.99226
							PTEN		0.97217
							TECPR1		0.96736

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							FBXL16		0.98347
							FTL		0.94499
							MAP3K8		0.93771
							POLD3		0.94661
							STAB2		0.92930
							XYLB		0.98321
							PABPC4		0.96873
							KALRN		0.95179
							C5		0.87471
							CCDC148		0.97314
							DCLRE1B		0.93275
							FMO1		0.82806
							HEY2		0.84551
							LRIG3		0.76654
							OSBPL3		0.97471
							PTDSS1		0.97809
							RHOBTB1		0.93575
							SYBU		0.91969
							CHMP4C		0.95071
							FADS3		0.88403
							GATAD2A		0.96976
							PSRC1		0.91737

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BARX2		0.92587
							CYP4B1		0.96659
							NFE2		0.72019
							NRG1		0.76157
							SHB		0.87860
							TP63		0.82907
							FITM1		0.90805
							HSD11B1		0.82783
							RASSF10		0.72019
							C9orf24		0.83864
							CCDC159		0.94180
							CXCL17		0.72019
							EFCAB5		0.83529
							HR		0.97350
							MT1X		0.96265
							SCRN2		0.87627
							SOCS1		0.98977
							SP6		0.90412

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							OVOL2		0.96480
							RFX2		0.88853
							RPL28		0.97944
							RPL36		0.95917
							RPS15		0.97693
							RPS27A		0.98406
							RPS5		0.97326
							RPS6		0.97581
							RPL12		0.94074
							RPL4		0.96834
							RPS16		0.99115
							ECI1		0.96986
							RPL34		0.98295
							RPLP0		0.96273
							RPS19		0.99406
							RPS9		0.98904
							EEF1B2		0.99378
							MACROD1		0.79872
							NACAD		0.73811
							RPS8		0.98441
							SLC2A4RG		0.85878
							VTN		0.94379
							LOC10028...		0.98717
							RPL23A		0.99553
							RPL29		0.98183
							RPSA		0.96628
							C1orf54		0.87920
							CCDC116		0.95714
							FAU		0.88591
							INO80B		0.84405
							POP5		0.98560
							PSMG4		0.93247
							RPL14		0.98562
							RPL19		0.99403
							RPL26		0.85291
							RPL27A		0.99290
							RPS10		0.96077
							RPS11		0.99106
							RPS2		0.94759
							SLC25A6		0.93062
							ZNF593		0.92543

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ABCC3		0.94820
							CCDC146		0.91265
							CLDN11		0.99046
							ETS2		0.96157
							EXTL1		0.87518
							MAN2C1		0.86529
							RABAC1		0.94874
							HSD11B1L		0.94602
							AVPR2		0.94803
							CCDC18		0.70339
							DRP2		0.83252
							FHL2		0.93226
							GABRE		0.88882
							GFPT2		0.95650
							PPP1R13L		0.96162
							SERPINF1		0.90442
							SNCAIP		0.93176
							TBC1D2		0.95299
							VENTX		0.58844
							XDH		0.91938
							ZNF423		0.88064
							ARHGAP23		0.98344
							CLIP2		0.88596
							MYOZ1		0.96718

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ACAP1		0.93506
							ARHGAP28		0.96034
							ATM		0.98765
							ATP8A1		0.88047
							BCL9		0.98699
							CFLAR		0.99049
							CHD8		0.99599
							CORIN		0.97833
							CPEB2		0.90347
							DMXL2		0.98759
							FRYL		0.92996
							GON4L		0.93666
							HEATR6		0.97941
							HIVEP2		0.98487
							KIAA0556		0.97280
							MYO10		0.97055
							NR3C2		0.98609
							PARD3B		0.96037
							PARP4		0.94298
							RFC1		0.96088
							SAV1		0.93657
							SHPRH		0.99114
							SLC16A1		0.94328
							SLIT2		0.84987
							TLN1		0.99266
							TRIO		0.95261
							TRPM7		0.99290
							TTI1		0.94589
							TTLL7		0.97807
							TUBGCP4		0.94993
							USP30		0.98530
							RPRD2		0.93511
							SRRM2		0.95146
							CDK5R1		0.91229
							CHD2		0.91634
							SMARCA1		0.97154
							ARNT2		0.97141
							AP4E1		0.99559
							ARID1B		0.99170
							ASH1L		0.90483
							ATP9A		0.96433
							CEP85L		0.98142
							FAM168A		0.97271
							FOXN3		0.99160
							FRMD4B		0.99632
							HERC6		0.97999
							KCNN3		0.97173
							KDM5A		0.99820
							LARS2		0.97432
							LCA5		0.98884
							MAU2		0.95944
							PLOD2		0.95075
							PRKAB2		0.95152
							PTPRD		0.91324
							ROCK1		0.96216
							SASH1		0.97829
							SETBP1		0.98834
							SLC23A2		0.98427
							SMURF2		0.97456
							SP100		0.88368
							SYNJ2		0.99219
							TGFBR3		0.81630
							YLP1M1		0.96635
							ZFYVE9		0.98494
							ZNF141		0.98390
							ZNF436		0.97501
							ZNF45		0.96149
							BRWD1		0.99388
							KLF7		0.96990
							PRRC2A		0.98980
							ATXN1L		0.98312
							CDC42BPB		0.96723
							DDX60L		0.98212
							DENND1C		0.95471
							ITGA1		0.97810
							MSMP		0.91072
							MYO18A		0.98577
							MYO1D		0.97430
							NF1		0.98327
							PPP2R2C		0.98889
							SLX4		0.98678
							SMCR8		0.97716
							TBL1XR1		0.99112
							TCP11L2		0.97590
							TMEM184C		0.95149
							TXK		0.97243
							USP24		0.97063
							VANGL1		0.96961
							ZDHHC23		0.91650
							ZHX2		0.98144
							ZNF546		0.84065

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							ARRB2		0.78655
							BRCA1		0.97289
							BUB1B		0.99108
							CDCA8		0.99586
							CDKN2C		0.99288
							CDKN2D		0.99500
							CELSR3		0.99429
							CENPE		0.99330
							DEPDC1B		0.97914
							DIAPH3		0.97521
							EZH2		0.97931
							GLCC1		0.93682
							HELLS		0.97792
							KIF23		0.99695
							NCAPD2		0.97611
							PANK1		0.99055
							TMPO		0.97777
							DSCC1		0.97630
							SPC24		0.97627
							YWHAG		0.96990
							FANCA		0.99250
							KIF15		0.98175
							BMP6		0.98975
							BRIP1		0.98291
							CENPI		0.98442
							CLSPN		0.98015
							FBXO43		0.96091
							KIF11		0.98831
							KIF14		0.98838
							MCM4		0.98720
							MKI67		0.99030
							PLCE1		0.95388
							STK32B		0.84262
							ZWINT		0.97629
							KNTC1		0.99223
							BUB1		0.98954
							C1QC		0.84189
							CDC6		0.97665
							CDCA2		0.97606
							CENPP		0.94595
							FANCI		0.96086
							HNF1A		0.86804
							PBK		0.96713
							POC1A		0.96974
							PRC1		0.99813
							RMI2		0.99173
							TAGLN2		0.76566
							VGf		0.87423
							WDHD1		0.99497

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ART3		0.98361
							CALML4		0.84924
							CHGB		0.79496
							GALNT5		0.87776
							IGSF11		0.85025
							KCNQ2		0.91980
							LRP2		0.85586
							PTH2R		0.95726
							SLC35F4		0.86084
							TDRD1		0.92364
							INSM1		0.85930
							ORM2		0.92075
							SLC35G1		0.74056
							FAM174A		0.91005
							GDF5		0.94375
							INSIG1		0.92463
							MSMO1		0.83299

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							C1orf112		0.98812
							KLHL7		0.96741
							MRI1		0.90529
							MSH2		0.97974
							TSPAN13		0.97220
							YEATS4		0.96962
							ZNF92		0.96544
							ZFP62		0.95676
							CEP72		0.94986
							FBXO5		0.95955
							GPSM2		0.98207
							INHA		0.81166
							RNF138		0.98877
							TLE4		0.91977
							PSMD3		0.93880
							ZNF696		0.95860
							AP3S1		0.90105
							CMTM8		0.95672
							MRPL13		0.98276
							RUVBL1		0.98862
							TRIM59		0.98393
							UNC		0.98469
							ZNF138		0.98489

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BCL11A		0.94277
							DGUOK		0.91850
							NOG		0.40956
							ACSM3		0.96119
							CDH19		0.83402
							DPP6		0.83593
							EBP		0.95150
							FBXO15		0.96582
							GPM6A		0.97578
							LRRC17		0.93343
							RSPH4A		0.98625
							SERP2		0.95917
							SLC24A2		0.80928
							ZC3H12B		0.94328
							ZC4H2		0.98573
							ACOT11		0.96411
							CHMP4A		0.89908
							CA9		0.82858
							COMMD6		0.95352
							CYP4F12		0.86358
							HMGH3		0.89588
							TRAPPC6A		0.93463
							ULBP3		0.83527
							VSNL1		0.83544
							YBX2		0.78646
							ZBTB7C		0.95364

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ADAMTS16		0.96086
							APBA1		0.96146
							CTTNBP2		0.83061
							MCF2L2		0.92388
							MYH3		0.73826
							NAALAD2		0.95200

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ACVR1C		0.96540
							RERGL		0.96540

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ABHD10		0.97542
							ERBB2		0.94157
							LGALS3		0.84689
							NR1I2		0.96782
							PPP1R15A		0.94766
							SLC26A8		0.78801
							C11orf21		0.96786
							CR2		0.96847
							GNG13		0.91322
							HAPLN1		0.95261
							IL12RB2		0.95482
							LMX1B		0.81211
							NACC2		0.83560
							PAK3		0.96047
							RSPO4		0.87457
							SIRPB1		0.79185
							SLC10A6		0.96499
							SLITRK3		0.96216
							SPA17		0.83091
							TMEM236		0.95572
							TNFAIP8		0.83394
							C17orf58		0.94922
							GADD45B		0.87654
							SLC2A3		0.91406
							CDC25A		0.80769
							IKZF3		0.93941
							KCTD14		0.95566
							LNP1		0.65351
							ODF3L1		0.96806
							OTX1		0.97181
							RHOF		0.57791
							TPRN		0.58521
							ZNF683		0.64975

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							INPP1		0.97566
							MCOLN2		0.97445
							SLC8A2		0.98914
							SULT2B1		0.90371
							ANXA1		0.97921
							CDH26		0.92316
							DLEC1		0.95738
							DTNA		0.95567
							LDHB		0.96977
							NINL		0.95068
							PTGER3		0.93564
							TIMP4		0.98789
							FTCD		0.92357
							REG4		0.91695
							TCAP		0.93719

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BPHL		0.86642
							CDHR2		0.83313
							NLN		0.89504
							PRIM2		0.95247
							SCO1		0.86625
							TRERF1		0.82986
							BNC2		0.93760
							ATP6V0D2		0.90474
							BCHE		0.87656
							CRB2		0.83166
							CTH		0.77062
							CYSLTR2		0.92904
							HSD17B3		0.83520
							MS4A1		0.95562
							MTAP		0.81936
							SLC6A12		0.90818
							ZIC2		0.71065
							SPATC1		0.94945
							ZNF460		0.89935
							DEPDC4		0.89057
							GSTA4		0.88065
							NPNT		0.95232
							PSAT1		0.84423
							UGT8		0.88943

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ACRBP		0.96915
							ARRB1		0.88587
							B4GALNT3		0.95133
							BHMT		0.93543
							GRHL3		0.99619
							SRD5A1		0.92445
							NUAK2		0.95248
							ST3GAL5		0.99347
							MTRNR2L1		0.92097
							CCDC77		0.92169
							HS3ST1		0.95906
							IGFLR1		0.98587
							TPCN2		0.97624

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CANX		0.98567
							CD46		0.97429
							COG6		0.98468
							ELMO2		0.98949
							FAM135A		0.98148
							FNIP2		0.95873
							MED12L		0.94613
							MTUS1		0.98912
							PRKCA		0.96458
							RGS17		0.96771
							RNF141		0.99022
							SLC12A2		0.97495
							SLC17A5		0.98823
							TAOK3		0.92650
							HELQ		0.88872
							TAF8		0.97389
							WWOX		0.98736
							ARHGAP6		0.93596
							CHSY1		0.99666
							CORO2A		0.98368
							CWH43		0.98683
							ELOVL5		0.95515
							ENOX1		0.97902
							FAXC		0.92221
							NUS1		0.96695
							PCYT1B		0.87752
							PEX12		0.97347
							ST3GAL6		0.94656
							TMEM181		0.94783
							TOM1L1		0.98706
							USP43		0.96700
							CPNE4		0.98232
							TIGD2		0.97450
							UBE2J1		0.91137
							OMA1		0.96070
							CCDC68		0.96932
							MMADHC		0.96712
							NT5DC1		0.99574

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							C22orf23		0.95614
							CDK6		0.97618
							GDF15		0.97027
							NFIB		0.97077
							PASK		0.95547
							PHLPP1		0.95992
							RNF43		0.88607
							RSPO2		0.96641
							SLC43A1		0.93713
							TBX3		0.97804
							WWC1		0.96837
							C15orf48		0.93174
							ARSG		0.98512
							CARD10		0.98523
							FUCA2		0.97496
							HSD17B6		0.99212
							MAPK4		0.89744
							PALMD		0.98351
							SLC7A1		0.95034
							SV2C		0.81136
							TCEA3		0.95549
							DEF6		0.94937
							KBTBD11		0.93657
							SNTG2		0.99336
							ARHGEF10		0.96833
							CADM1		0.96478
							CHD7		0.93354
							CYP4V2		0.89698
							FCRLB		0.93251

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AGFG2		0.95601
							CASC1		0.98953
							FOXP2		0.91996
							GCHFR		0.82785
							GNPNAT1		0.93652
							MCPH1		0.96553
							MGST1		0.98637
							PNKD		0.91006
							RBFA		0.97103
							WDR93		0.97719
							KCNH6		0.97047
							BAIAP2		0.95643
							CITED2		0.89553
							CUEDC1		0.92260
							HMG20B		0.97343
							LONRF1		0.94855
							MIPEP		0.92458
							RAMP1		0.93669
							RLN1		0.96963
							SAT2		0.96523
							SEC14L5		0.91858
							SMS		0.99768
							ST6GALNA...		0.96452
							TNFRSF19		0.94906
							TUSC3		0.94259
							WNT16		0.95357
							C2orf72		0.97610
							PAX5		0.97027
							ANXA4		0.97683
							ELMO3		0.93473
							FBXL8		0.92132
							NUDT4		0.89019
							PGAP3		0.87980
							PODXL2		0.97691
							RPH3AL		0.92305
							SERINC2		0.86413
							ZNF589		0.94550

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BEST4		0.94733
							DEPDC7		0.89907
							GPRC5A		0.39122
							PTPRO		0.91259
							SLC17A7		0.85321
							CACNG8		0.96822
							CEACAM21		0.94137
							FGF14		0.99372
							MORN3		0.96852
							POF1B		0.85548
							SCG3		0.97352
							TAF7L		0.91675
							AMHR2		0.95876
							FOXC2		0.84648
							PLAUR		0.30576
							TMEM150B		0.85651

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							IFT20		0.87799
							THSD7A		0.93952
							ANKRD10		0.96844
							BMP7		0.95281
							DNASE2B		0.87519
							FBN2		0.97413
							FGF13		0.98512
							IRAK1BP1		0.92116
							MMEL1		0.95310
							NCALD		0.93638
							NKAIN1		0.97879
							NTHL1		0.82408
							PYCR2		0.87798
							THPO		0.88756
							TXNIP		0.94893
							ELAVL3		0.79018
							ATG9B		0.94275
							C1orf131		0.94046
							CCDC40		0.91265
							GAPDHS		0.86619
							MTHFD2L		0.93680
							PNISR		0.95578
							SH3RF3		0.92860
							SLC25A45		0.96428
							TUBD1		0.97933
							WNK2		0.96453

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CACNA1A		0.76508
							CCR10		0.91040
							MEOX2		0.93380
							TMEM91		0.98133
							MC1R		0.98484
							CLASRP		0.94668
							DCST2		0.98622
							NFATC4		0.96119
							RNF207		0.93743

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							COX6B1		0.89058
							POU2AF1		0.90751
							RAB34		0.97289
							CCDC81		0.89059
							CDHR3		0.60352
							TNNC1		0.78721
							VTCN1		0.74535
							CHCHD10		0.91294
							MYL6B		0.89705
							ANXA2		0.85095
							IL17RE		0.87962
							ITPKA		0.84867
							MRPL55		0.95412
							SGK2		0.60352


	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BTG1		0.97860
							CLK1		0.93548
							DDC		0.97334
							FAM76B		0.96368
							NAA40		0.97881
							PTK6		0.98230
							RGS3		0.98328
							SLC4A8		0.92140
							TDG		0.94269
							SUN1		0.94095
							LRRC39		0.94178
							PNN		0.98763
							PPFIA2		0.95536
							TRMT112		0.90915
							LHX4		0.75446
							PSMC6		0.94847
							SS18L2		0.88775
							TRIM52		0.93543
							ZMYND8		0.96577
							ZNF438		0.97404

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							FANCL		0.94115
							TSPAN8		0.87419
							ZNF385B		0.95808
							MARCKSL1		0.94743
							AFF2		0.87345
							CDH15		0.86273
							COX7A2		0.88777
							ELOVL4		0.89611
							FRA10AC1		0.95470
							IMMP1L		0.89061
							KCNE4		0.92505
							LOX		0.96778
							PLA1A		0.97021
							PLP1		0.82990
							SRSF12		0.91484
							SYCP2L		0.96661
							VLDLR		0.93385
							HSD11B2		0.88225
							ZNF547		0.93500
							ZNF563		0.93303
							CAPN5		0.78230
							CCDC138		0.88162
							CDH4		0.96307
							FRMD5		0.92932
							LEKR1		0.94399
							MYCBP		0.97829
							NEU1		0.98498
							SYNCRIP		0.88078

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BAZ2A		0.92835
							GDAP1		0.98522
							HEATR1		0.96907
							LATS2		0.87939
							MAN1A1		0.98639
							NAF1		0.97158
							RAD50		0.97507
							RASA2		0.99320
							XPO4		0.98939
							ZBTB25		0.98556
							ZBTB37		0.95235
							SMG8		0.94083
							PDE10A		0.90262
							DCBLD1		0.96715
							MFN1		0.99022
							PARP9		0.95806
							RICTOR		0.98383
							ZNF860		0.88116

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							C19orf53		0.97967
							CLN6		0.97913
							EEF1D		0.98313
							EMP3		0.96564
							HOXA3		0.89890
							HSPBP1		0.97561
							POLR2I		0.98259
							RPLP1		0.99878
							THOC6		0.98815
							MRPL28		0.94339
							KRTCAP2		0.95947
							POLR2L		0.96161
							BCL7C		0.99623
							PRRT4		0.92382
							PUS1		0.97353
							RPL35		0.96626
							S100A16		0.95614
							TOMM40		0.96742
							VMO1		0.95472

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							CBF8		0.98476
							CBR4		0.95941
							CHCHD2		0.96706
							COX7A2L		0.96978
							COX7C		0.98621
							FOXRED1		0.94731
							FRS3		0.95724
							GSTO1		0.87894
							METTL21A		0.83948
							NFE2L3		0.92062
							NOP58		0.96722
							PBLD		0.79515
							PSPH		0.95842
							SNRPB		0.98916
							TRIAP1		0.95766
							GEMIN6		0.98116
							SNRPD1		0.98957
							NAA38		0.94282
							BET1		0.98148
							CRLS1		0.91716
							EPB41L3		0.92140
							EXOSC8		0.98695
							FBXL2		0.91748
							GRB14		0.90591
							NDUFA8		0.93513
							NUFIP1		0.93595
							PCDHB3		0.93872
							RASGEF1C		0.72422
							RPIA		0.96683
							SPATA9		0.84582
							TMEM97		0.98928
							TUBB1		0.90983
							CETN3		0.90574
							FAM200A		0.97711
							ALPK2		0.94040
							C5orf34		0.90653
							COX17		0.88632
							EEF1E1		0.97459
							HOXA4		0.97953
							HSPE1		0.92489
							LIMS1		0.87244
							MLF1		0.93955
							POLR2G		0.92986
							PRKAR1B		0.93031
							RECQL4		0.91600
							SNRPG		0.93310



	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							EFNA3		0.94499
							ESR2		0.87071
							ETV1		0.90232
							ICAM2		0.98118
							LGALS8		0.83029
							MECOM		0.97144
							MOXD1		0.92697
							PLAC8		0.79895
							RGS1		0.94865
							SH2D3C		0.86710
							PLCD3		0.87884
							RARG		0.94642
							BCAT1		0.87250
							CARD6		0.94853
							CCL21		0.84797
							CLEC4F		0.90771
							FBLN5		0.97583
							IGFALS		0.72893
							LUM		0.99517
							MID1		0.93038
							SDC4		0.92065
							SFRP2		0.96368
							TBC1D22B		0.95334
							THBS4		0.97805
							TMEM176B		0.79751
							TNFSF13B		0.94999
							VAV3		0.86300
							VDR		0.96942
							JDP2		0.92562
							KLHL35		0.97027
							PLEKHA4		0.96092
							ACHE		0.94053
							ADAMTSL5		0.79200
							AXL		0.97029
							C19orf73		0.72518
							CNPY4		0.84906
							EPHA1		0.76243
							IGDCC4		0.81646
							MLKL		0.84325
							MST1R		0.99097
							NOS3		0.98518
							NTNG1		0.83337
							RHOV		0.92152
							SLPI		0.87572
							SPSB1		0.97089
							TYMP		0.96641
							UPP1		0.91534
							ZNF385A		0.92890

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CEACAM5		0.95985
							C22orf24		0.91789
							FOSL1		0.83617
							SERTAD1		0.96572
							CDH22		0.90999
							CERS3		0.94841
							GABRP		0.88668
							SELE		0.93914
							SPOCD1		0.68223
							WIF1		0.88634
							B3CNT3		0.87562
							GPR3		0.70697
							GPR39		0.91901
							P2RY2		0.90482
							SYNPO2L		0.94571

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ACOT2		0.89305
							ANGPTL6		0.89447
							FAM83F		0.79515
							ITGB6		0.96232
							C17orf97		0.84294
							CCL20		0.98255
							FRMPD1		0.98067
							MS4A2		0.97679
							MTMR8		0.91232
							PHEX		0.90797
							SCML4		0.94723
							CR1		0.96219
							ERBB4		0.99124
							CELA2B		0.89656
							EVX1		0.85255
							SAMD12		0.95934

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CTSC		0.96720
							GPNMB		0.96413
							IRF8		0.98762
							KIF17		0.98644
							PITPNM1		0.99179
							RSAD2		0.96766
							SLC20A1		0.96456
							SMAD7		0.98407
							TTYH3		0.97479
							ARG1		0.88381
							BST1		0.97596
							CYTH3		0.93672
							EEF1A2		0.98640
							EPB41L2		0.98907
							GIMAP2		0.93635
							HAVCR2		0.96917
							MS4A4A		0.97726
							PLS3		0.98654
							PRG4		0.91650
							ST6GALNA...		0.94810
							STAT4		0.97802
							TM6SF1		0.90158
							VAV1		0.95329
							DCLK2		0.91334
							GMPS		0.92171
							PLCB3		0.97143
							PLXDC1		0.97106
							XKR9		0.99598
							ZSWIM4		0.98977

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BTC3		0.92780
							CPT1A		0.93104
							HECW2		0.94805
							PLBD1		0.97962
							SLC7A5		0.91526
							SRGN		0.95730
							HLA-DMA		0.94582
							ACVRL1		0.96424
							CALCRL		0.94740
							CCRL2		0.95604
							CD96		0.97027
							CYTIP		0.98675
							EHD4		0.99441
							FGR		0.92999
							GIMAP6		0.95289
							HMCN1		0.93388
							LCP2		0.96756
							PPP2R5B		0.98656
							SH3BP5		0.94578
							SIGLEC10		0.99636
							TIE1		0.96977
							TMEM47		0.98173
							VNN1		0.98290
							VWF		0.97613
							ZNF385D		0.97612
							KCTD12		0.92024
							C1S		0.93517
							FMNL1		0.98829
							GPR4		0.97869
							KLF13		0.96505

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BICC1		0.85893
							EPDR1		0.87966
							USP44		0.98699
							TTC4		0.97448
							CCDC158		0.99117
							MATN1		0.96977

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							MAN1C1		0.97131
							SH3PXD2A		0.99204
							ARHGD1B		0.94399
							CASQ2		0.99309
							ENPP3		0.88581
							IL18R1		0.94049
							ITGA10		0.98915
							LOXL2		0.91963
							PKDCC		0.96537
							SAFB		0.93294

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							RASIP1		0.97690
							RND3		0.88153
							CEBPB		0.95190
							DCDC2		0.88017
							KCNJ15		0.94211
							PADI2		0.85951
							TNNI2		0.94471
							CYGB		0.92203
							CYP251		0.93614
							EFNA5		0.92940
							EXOC3L4		0.91813
							F12		0.95186
							KLK10		0.78210
							ODF3B		0.87073
							TEAD4		0.88348

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AFAP1L1		0.96984
							ANKRD50		0.91692
							CASP8		0.97019
							ELK3		0.93472
							FAM126B		0.99233
							FARP2		0.83635
							MALL		0.96036
							NCOA3		0.93938
							SCAF11		0.97212
							SLC41A2		0.95590
							TANC1		0.95569
							XYLT1		0.96595
							ZFAT		0.96876
							RNF139		0.92358
							ACVR1		0.96455
							ALMS1		0.97996
							ATP11B		0.94024
							FBP2		0.87678
							MOSPD2		0.94805
							RAB30		0.94907
							RPS6KA5		0.98163
							TEK		0.99338
							TMTC1		0.98710
							WDR20		0.98605
							ZNF644		0.94046
							IGSF3		0.97785
							DNASE1L1		0.98682
							EMCN		0.95860
							PEX11A		0.94180
							SMAD1		0.98018
							TLK1		0.96997

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							DDX60		0.96955
							CAMK2D		0.97381
							PAG1		0.98786
							RBM12B		0.97446

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CD9		0.83762
							EAF2		0.75372
							FDFT1		0.95725
							HMGCR		0.94055
							MCCC2		0.93693
							NOL4		0.82066
							TNFRSF10A		0.84778
							ADCYAP1R1		0.99280
							CMAS		0.82415
							CNTNAP3		0.92883
							FREM2		0.96903
							MAOB		0.93145
							TAS1R1		0.89848

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							GAS2L3		0.91267
							GRIK4		0.97929
							LGR5		0.93907
							MTTP		0.98749
							TP53TG5		0.96770
							ARHGAP36		0.87656
							ATP2B2		0.91643
							GRM4		0.99014
							HS3ST3B1		0.98139
							IL1RL1		0.96791
							LILRA1		0.98956
							MAEL		0.94646
							RGS20		0.94973
							UPB1		0.91019
							KCNT2		0.99383
							LDLRAD1		0.90053

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BCAP29		0.98391
							CYB561D2		0.98590
							ERRF1		0.96446
							FURIN		0.86694
							INPP5K		0.95817
							KLHL22		0.97604
							MAN2B1		0.98541
							NR4A2		0.84861
							PDK2		0.98838
							SLC1A4		0.94538
							SLC24A1		0.77937
							TNFRSF21		0.83390
							USP3		0.91232
							SLC9A1		0.92510
							SND1		0.89480
							AMOT		0.91400
							CITED1		0.96538
							LRRIQ1		0.92842
							MORC4		0.86934
							N4BP1		0.98782
							PSTPIP2		0.96329
							PXMP4		0.94582
							SGPP1		0.99859
							CYB5D2		0.94360
							LMF2		0.97615
							LSR		0.96490
							PREB		0.99487
							STK40		0.96552

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Descripti...	Correlation
							DCBLD2		0.96485
							DERL2		0.95394
							DNAJB5		0.96387
							GPR161		0.96502
							LGR6		0.95106
							ME3		0.96898
							NUDT15		0.89750
							RCBTB2		0.93817
							ST3GAL3		0.93518
							TEX14		0.97069
							UCHL3		0.96590
							VILL		0.92234
							AGTRAP		0.93188
							PAK1IP1		0.95512
							PARP6		0.99397
							PDIA3		0.99468
							ADPRH		0.97919
							ANGPT1		0.96513
							ANGPTL1		0.94877
							ANO4		0.97545
							BEST3		0.96723
							CAP2		0.90248
							CPE		0.98524
							DPT		0.92258
							FAM124A		0.99010
							FLNC		0.99036
							GMPR		0.98785
							HGD		0.95037
							MYLK4		0.94246
							OGN		0.96271
							PDIA5		0.96759
							PCC		0.98147
							RAB9B		0.95045
							TMEFF2		0.95449
							TPD52L1		0.97819
							TSPAN9		0.94023
							FAT3		0.97326
							CCDC125		0.98901
							GPT2		0.95785
							KRT14		0.97248
							PPP1R7		0.99586
							SEC14L2		0.94936
							SH3BGRL2		0.99023
							SLC25A42		0.98438
							SPAG7		0.96406
							TMEM220		0.97573

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ECHDC2		0.96084
							EMILIN1		0.93996
							GSTM5		0.97875
							SH2D3A		0.92427
							TMEM44		0.91125
							DUOX1		0.95525
							PHF21B		0.88045
							TRPC4		0.95241
							LIMS2		0.93304

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							DDAH1		0.89773
							DNAH6		0.90019
							SEMA3A		0.89784
							ARL10		0.90708
							GABRB3		0.97603
							ALG5		0.90627
							EYA1		0.91616
							FLG		0.91134
							GNRHR		0.90108
							MEGF10		0.98723
							PPP4R4		0.88596
							PXDNL		0.86145
							RCAN3		0.82866
							SLC26A3		0.93398
							SLC6A3		0.88310
							TTC22		0.93937
							ACOT1		0.93984
							SPINT2		0.95810

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							SEZ6		0.90274
							PTPRZ1		0.95325
							QPCT		0.78500
							RAB40AL		0.94029
							SLC44A5		0.99510
							TTBK1		0.95333
							ZNF711		0.95552
							KCNG3		0.97158
							ZFR2		0.91670

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AGPAT5		0.87160
							BCL2L14		0.96976
							GSR		0.95754
							HNMT		0.90985
							PDE4D		0.94317
							TMEM53		0.89279
							ZFP36		0.88259
							FOSB		0.85436
							CACNG4		0.97137
							CHRNA2		0.98070
							FBXO25		0.98651
							SORBS3		0.98258
							TMEM132B		0.73386
							ADH5		0.93229
							DCXR		0.94143
							EPS8L1		0.92149
							PACSIN3		0.93267
							SERPINB5		0.83827
							TRADD		0.93432

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ITGB1		0.98782
							LRRC40		0.99082
							MOB4		0.95126
							PPP3CA		0.99150
							PRKAA1		0.98242
							RBM18		0.95065
							SENP7		0.96354
							MBLAC2		0.97908
							LYSMD3		0.97139
							RAB2A		0.96365
							RP2		0.98706

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							RPS12		0.90570
							FDXR		0.80925
							HTR2B		0.91177
							LIN7A		0.93532
							NEK2		0.92142
							NPC1L1		0.96423
							PDE1A		0.87604
							TNFRSF8		0.94935
							TRIM67		0.85150
							AMZ1		0.89542
							RPS6KB2		0.79893
							TTC16		0.97738

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							C16orf87		0.97467
							C1orf109		0.98757
							GABPA		0.96960
							KRR1		0.98762
							PHLDB2		0.91260
							UCHL5		0.92795
							BCOR		0.97265
							ACTR3		0.99390
							GDPD1		0.95362
							ZNF254		0.95833
							NAALADL2		0.96051
							PDIK1L		0.96853
							SP3		0.98400

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ASCL1		0.96455
							EPHB1		0.83349
							GCNT3		0.94387
							HOXB8		0.89948
							KIRREL3		0.97255
							LFNG		0.77122
							PTCD1		0.94881
							RSPO3		0.89081
							ZNF391		0.64512
							FADS2		0.86526
							CDH7		0.83771
							LRRTM2		0.96089
							ODC1		0.80094
							PI15		0.90154
							SEMA3D		0.85995
							SEMA6A		0.94981
							SLC16A12		0.94836
							STAP1		0.71387
							WFDC3		0.68591
							LOC10050...		0.69792
							PPP2R2A		0.90934
							PRDM12		0.92911
							ULBP2		0.96436

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CAPN3		0.91742
							CNIH3		0.85304
							NNAT		0.87946
							PDLIM1		0.92815
							PSD		0.96064
							SMARCD3		0.96155
							PCOLCE		0.93680
							DKK3		0.87505
							GATA3		0.89752
							HUNK		0.74086
							JPH3		0.88119
							IGFBP4		0.97142
							ARID5A		0.77180
							CLEC11A		0.91319
							EFEMP2		0.98272
							MSX1		0.93683
							MUC1		0.86579
							S100A11		0.86588
							SRRM3		0.89527
							TBXA2R		0.87035
							TMEM88		0.93080
							TPRG1		0.79516

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ALPK1		0.97800
							CD82		0.94990
							DLG2		0.92941
							HOOK2		0.93261
							ITGA3		0.90215
							LRFN3		0.99457
							MAST4		0.94284
							PLXNA2		0.98206
							RPTOR		0.94935
							TG		0.90512
							TNRC6C		0.98043
							TTC7A		0.98126
							VPS18		0.99333
							THSD4		0.97334
							TLN2		0.97548
							ACAD10		0.99533
							ATP8B2		0.92516
							CXCL6		0.93387
							CYP46A1		0.99015
							ICAM4		0.88666
							LTF		0.91560
							MPPED2		0.98523
							PROM1		0.95539
							SMG6		0.95712
							TMEM132D		0.91558
							CAPN13		0.77691
							BDH2		0.93172
							CDH3		0.98578
							CX3CL1		0.70785
							ERCC2		0.97466
							FOSL2		0.98189
							PIGR		0.66109
							RNF39		0.92826
							S100A1		0.94116
							SPTLC3		0.97012

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ARNTL2		0.92814
							CAD		0.95566
							CHD4		0.98224
							DUSP6		0.94354
							EPS8		0.98585
							ITGAL		0.98611
							KLF6		0.89042
							MEF2C		0.93710
							MNT		0.98713
							NDST1		0.96421
							PLD1		0.99104
							PRRC2B		0.97778
							RAPGEF5		0.98914
							SHQ1		0.92718
							SLCO2B1		0.95017
							TRAM2		0.92050
							CD55		0.94169
							SIRPB2		0.96521
							AMPD2		0.95767
							BACH2		0.98620
							DOCK2		0.95834
							DYRK3		0.84228
							F13A1		0.97789
							IL2RB		0.99088
							NTRK2		0.91870
							PHACTR1		0.99465
							PIK3CG		0.98028
							PREX2		0.92706
							RPGRI1		0.96889
							TRAF3		0.98289
							TULP4		0.98295
							WDFY4		0.98765
							GXYLT2		0.98995
							PEAK1		0.91908
							ACAP1		0.95522
							ARHGAP30		0.99130
							CYB561D1		0.96051
							HCFC1		0.93112
							IP6K1		0.95835
							NPR1		0.96282
							PPP1R16B		0.99718
							SETD1B		0.95742
							TMC8		0.97155
							TMEM200A		0.94032
							ZMYND15		0.96528

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ACCS		0.96023
							FAIM2		0.96780
							FBLN1		0.98006
							AEN		0.86678
							EDA2R		0.97508
							LRP4		0.82680
							PSD2		0.84466
							TCF21		0.95368
							VWA5A		0.95288
							CXXC1		0.72751

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ARID3A		0.98429
							CPVL		0.96984
							KIAA1328		0.95158
							MCCC1		0.97641
							MDC1		0.95584
							PTPDC1		0.92809
							SSH1		0.94106
							STK10		0.98638
							TUFT1		0.96983
							ZC3HAV1		0.95534
							SLIT3		0.92057
							BCL11B		0.97527
							CBX4		0.96704
							CD84		0.97354
							DOCK11		0.96762
							FMO3		0.95048
							GBP5		0.98824
							HCK		0.89364
							HECA		0.94282
							IL10RA		0.95509
							PLXNC1		0.99140
							PRICKLE1		0.99394
							SESN3		0.90716
							SLC31A2		0.96522
							WNT5A		0.99093
							AGBL4		0.83920
							ADCY9		0.98584
							ITGB2		0.94577
							NCKAP1L		0.99455
							RAB3A		0.92729

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							MYO18B		0.99296
							MACROD2		0.98853
							PTPRT		0.97568
							ABO		0.94905
							NEK10		0.98003

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							GPATCH1		0.96550
							HOMER2		0.91988
							MTO1		0.96808
							PALLD		0.91263
							ZNF549		0.99322
							DOCK1		0.94266
							EPHA7		0.98197
							SCN3A		0.95252
							CEP290		0.97833
							INPP5F		0.92521
							NME9		0.57790
							NUMA1		0.94450

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							FAM171A1		0.97887
							GPR55		0.85371
							NR1H2		0.98869
							NTN1		0.93390
							PDE4A		0.95331
							TSC22D1		0.95173
							DLL1		0.99370
							BMP3		0.76919
							ST18		0.93473

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CDC14A		0.82687
							KLRD1		0.78058
							MFHAS1		0.92331
							MOV10L1		0.88057
							MYO1B		0.92621
							PDPR		0.92509
							RALBP1		0.93430
							SLC36A1		0.90258
							L3MBTL3		0.87464
							ARL9		0.93623
							DIO1		0.90849
							KCNMB2		0.92709
							PLD6		0.88642
							RTN4RL1		0.94431
							VSTM2L		0.82228
							WDR55		0.91712
							WNT8B		0.94560

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CEACAM6		0.93580
							TRPM3		0.83295
							ABCA12		0.91197
							RGS13		0.93732
							DKK1		0.98689
							S100A14		0.95461

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							PIH1D2		0.99497
							CLDN4		0.97210
							DUSP5		0.93823
							JUNB		0.96879
							RND1		0.86484
							SOCS3		0.98461
							SLC34A2		0.89763
							TRHDE		0.85184
							CXCL2		0.98250
							RELB		0.86316

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BAMBI		0.97502
							CDV3		0.93700
							LY75		0.97172
							RAB11FIP4		0.96808
							RAD18		0.92988
							SNX24		0.91162
							TMEM38B		0.91737
							EPB41L4B		0.87882
							MYH15		0.99661
							RGS4		0.94588
							SMCHD1		0.90751
							STON2		0.96737
							TGFBR1		0.96443
							IGSF21		0.82382
							AIF1L		0.94173
							BSN		0.91192
							JPH1		0.93555
							SH2D2A		0.80704
							TM7SF2		0.90814

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ADCY2		0.91929
							CNTNAP1		0.96023
							LTBP1		0.91537
							PLA2G4A		0.97734
							SERPINE1		0.94504
							RUNX1		0.96192
							CAMK4		0.96456
							IL4R		0.90703
							MREG		0.98510
							RIN3		0.94457
							TSPAN7		0.95567
							GDPD5		0.88312
							PLVAP		0.97592
							BTN3A2		0.94415
							KCNIP4		0.97948
							LAMA2		0.93002
							PPM1N		0.85631

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							FGD3		0.98952
							LYL1		0.95631
							PPP2R2B		0.95055
							SERPINB1		0.90597
							SKAP1		0.95038
							UNC13D		0.98249
							CEP152		0.85941
							COL5A3		0.97313
							SFRP4		0.97048
							SH3BP2		0.98898
							VAX2		0.98327
							TSPAN4		0.96976
							MYO1H		0.94846
							BST2		0.98029
							DOK1		0.98895
							DOK3		0.97776
							HPSE		0.97516
							WDR90		0.95477

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							KCNN4		0.91065
							RFPL2		0.84126
							WNT5B		0.97144
							HTATIP2		0.97638
							ACSBG1		0.98026
							ANKRD22		0.90016
							BIVM		0.96486
							ISM2		0.93500
							NECAB1		0.92035
							SYNDIG1		0.93068
							MMP15		0.96598
							CRYAB		0.95023
							CTF1		0.98122
							DLGAP1		0.98853
							OGDHL		0.98050
							SERF2		0.94332

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CCDC80		0.98795
							DLL4		0.98918
							ENPP2		0.96388
							GRB10		0.98288
							PRDM1		0.98179
							SOX6		0.96331
							CAPN2		0.98163
							ADAMTS12		0.99698
							ANKRD44		0.96176
							CCR7		0.98712
							CD33		0.93727
							CD74		0.97544
							MAP1B		0.96807
							NLRC4		0.98495
							TTC39B		0.95046
							C15orf39		0.92445
							FOXP3		0.99249
							MB21D2		0.96495

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CHN2		0.82425
							PPP1R1B		0.95400
							AGR2		0.94776
							CAV1		0.94708
							CYP2E1		0.88827
							LPAR6		0.88506
							P2RX1		0.92292
							RND2		0.90201
							TMPRSS11E		0.92770
							IRX4		0.97321
							CXXC4		0.86776
							EIF3I		0.91423
							PCP2		0.97406
							PDE9A		0.95610
							SLC16A5		0.96331

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CXCL13		0.83841
							GOLT1A		0.88459
							BDKRB1		0.84043
							CCDC150		0.88528
							EDAR		0.92849
							FAM171B		0.90108
							ITM2A		0.95198
							MYO3B		0.88342
							PTGFR		0.87041
							SIRPG		0.80375
							TNFAIP6		0.93681
							TNN		0.80268
							FGF9		0.92498
							FOXH1		0.92203
							SLC39A5		0.89062
							TRIM54		0.92416

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							C12orf49		0.99157
							CAMSAP1		0.99013
							LASP1		0.99146
							MAGI3		0.94093
							MAP3K1		0.96062
							MAP3K9		0.93592
							OXCT1		0.99443
							STK35		0.97684
							TFRC		0.96065
							TTF2		0.97576
							ZMIZ1		0.99884
							FGD6		0.88170
							ITGA4		0.89810
							RAPGEF1		0.96942
							RBMS2		0.93284
							SKIL		0.97412
							TNFAIP3		0.95799
							WNT11		0.96799
							NOXO1		0.96201
							PICX		0.94485
							IL4I1		0.93443
							KBTBD8		0.88328
							MMGT1		0.97487
							RASGRP1		0.99125
							SLC6A9		0.98885
							TDRD7		0.96449
							TRIB1		0.98038
							ZBTB7B		0.97124

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CCNG1		0.91409
							COPZ2		0.94394
							DLGAP3		0.93724
							EGR1		0.97557
							TNFRSF10B		0.96255
							TP53		0.96204
							TUBB2B		0.95720
							IER2		0.96710
							ATF3		0.96490
							FOS		0.98866
							SLC5A10		0.82222
							EGR3		0.92482
							IMPDH2		0.86162
							NRTN		0.83819
							PDLIM4		0.90595
							CT62		0.75457
							EFNB2		0.93986
							F2RL1		0.91928
							HBEGF		0.94055
							JUN		0.88750
							NMB		0.85806
							POLD4		0.96880
							SIT1		0.81569
							TST		0.98510
							VPS37B		0.96088

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							DYRK2		0.94561
							SAT1		0.86557
							CHAF1A		0.99177
							PCDHB4		0.95961
							BPGM		0.98850
							PARD6B		0.98319
							PLAU		0.81611
							SLC9A6		0.98889

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							KITLG		0.95908
							SPATS2L		0.92517
							CAMK1D		0.95860
							ADAMTSL3		0.97422
							ANK2		0.97210
							DLX5		0.96886
							KCNK13		0.99274
							MARK1		0.96377
							PTK7		0.97406
							SEMA5A		0.96480
							CDC42SE1		0.96106
							SLC35F3		0.78053

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							KLHDC4		0.94989
							SH3RF2		0.98234
							KRT8		0.99342
							FKBP2		0.98691
							COL17A1		0.90837
							RNF175		0.92113
							SFN		0.92404
							MT1M		0.99351
							NTRK1		0.98259

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							DLG5		0.92738
							GLUL		0.94633
							RIN2		0.94464
							SARM1		0.98100
							SGSM2		0.98438
							ANKRD36		0.95471
							ASAP3		0.97603
							DSC1		0.97050
							SYT2		0.98179
							RAPH1		0.95698
							ABCC10		0.98942
							SCN5A		0.98097
							SLC29A2		0.74274
							SLC29A3		0.93232

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ABCC5		0.97271
							ADAMTS2		0.98496
							COL10A1		0.98460
							COL1A1		0.98371
							ELMO1		0.96475
							FXD5		0.96416
							IFFO1		0.97623
							ITGA11		0.97619
							LOXL3		0.94458
							MFGE8		0.97527
							MMP11		0.97521
							PAQR5		0.99364
							SPI1		0.92807
							RAP2B		0.98636
							ABHD12		0.97405
							ARHGAP4		0.96763
							ASPN		0.97692
							CD2		0.93987
							CLEC2B		0.95740
							COL4A2		0.95656
							GLIS2		0.97420
							GZMK		0.96625
							IFI44L		0.96228
							IL18		0.96714
							KCNAB2		0.98116
							LMO2		0.98922
							LY9		0.99129
							NOX4		0.98913
							SLC17A9		0.98369
							TGFB1		0.98855
							VCAN		0.96959
							WNT2B		0.96754
							GMFG		0.97123
							SVEP1		0.94856
							NINJ2		0.97327
							ENO2		0.96938
							FSTL3		0.90789
							HRH1		0.93103
							IL34		0.95108
							RHBDF2		0.98799
							RTP4		0.95177
							TMEM106C		0.97438
							TPST1		0.98002

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ALPK3		0.99339
							CDK19		0.95782
							ERG		0.98911
							GULP1		0.98978
							HDAC1		0.98979
							LMTK3		0.90501
							RAB11A		0.96821
							SNX14		0.97879
							WBP4		0.97513
							CACNA1B		0.93990
							CCNJ		0.98815
							COX16		0.98537
							EDN3		0.86828
							FHL1		0.96044
							FMN2		0.81150
							KCNG1		0.96163
							LIX1		0.84622
							MTRF1		0.97128
							PDE6A		0.86441
							PECR		0.96500
							PLA2G7		0.94884
							SH3GL2		0.87053
							UNC5D		0.87668
							IL5RA		0.98419
							NEB		0.99383
							GSDMD		0.83406
							NDRG1		0.98307
							RGMB		0.94684
							RGS9BP		0.97239

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							EXTL3		0.97286
							FBXO31		0.98076
							UNC5A		0.94846
							ALDH3B2		0.95969
							ARHGAP44		0.95291
							CD99L2		0.98016
							DAGLA		0.97945
							IGFBP2		0.69546
							IL7		0.98477
							MMACHC		0.97597
							PYROXD1		0.96926
							RIMS3		0.99084
							TRPM6		0.97649
							WDR59		0.99277
							BDH1		0.98031
							MFSD5		0.96815
							NOL9		0.99541
							SLC24A3		0.73965

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							SECTM1		0.80559
							ACTN2		0.96303
							ALDH3A1		0.90078
							RGS18		0.94136
							SOD3		0.90436
							GAL3ST3		0.93208

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ACRV1		0.68853
							CDH17		0.86065
							NDUFA2		0.86699
							NUTF2		0.94811
							PACRG		0.70480
							SHC3		0.92861
							AMBP		0.73400
							AMDHD1		0.89303
							ART4		0.90270
							CLDN10		0.90676
							DMC1		0.82599
							GAL3ST1		0.81320
							KREMEN2		0.96005
							METTL24		0.94728
							NLRP2		0.89023
							PSMB3		0.74738
							TSPO		0.91212
							C4orf47		0.95245
							CTXN1		0.94878
							GTF2F2		0.92534
							RPS4Y1		0.96655
							VSIG2		0.82479

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ADAMTS6		0.99256
							CSPP1		0.93333
							FANCE		0.99385
							FRY		0.98705
							MRPS28		0.97151
							PHTF2		0.97392
							PIWIL4		0.96328
							PTPN12		0.91432
							SLC29A1		0.97292
							LBH		0.96425
							ADAP1		0.96132
							CD37		0.96427
							CST7		0.96017
							IFIT3		0.94229
							MSR1		0.98991
							SDS		0.91989
							SNX8		0.94746
							CPLX1		0.98822
							DSN1		0.96416
							IFI30		0.94901
							OAS3		0.96455
							TRIM69		0.96593

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							AJUBA		0.96186
							GAS7		0.95828
							SMAD6		0.98258
							NUDT17		0.97980
							CHN1		0.99074
							EFNB3		0.96890
							LURAP1L		0.97458
							SLAMF1		0.89333
							MUS81		0.96654
							RCN3		0.94529
							C17orf67		0.98881
							CD8A		0.97647
							DHFR		0.98079
							SLC25A34		0.99084
							VSIG10		0.89591
							ZC3H12D		0.90297

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							KCNK1		0.89458
							HRC		0.95784
							FAM71E1		0.97756
							SPHK1		0.95447

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							KIF22		0.93750
							FAM136A		0.95575
							KIAA0319		0.71347
							NCAM1		0.96189
							UQCRCQ		0.95670
							ACSL5		0.98390
							BRF2		0.92193
							FBP1		0.84615
							NACA		0.94845
							SAPCD2		0.89152
							ZDHHC13		0.99234

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							BHLHE40		0.95961
							CLIC5		0.97577
							DBP		0.91254
							NEK11		0.97081
							TTL		0.98434
							C19orf38		0.97889
							XPO6		0.98775
							HGF		0.99316
							IL13RA1		0.99668
							IL13RA2		0.95460
							ITK		0.96153
							PTPRC		0.97874
							SAMHD1		0.95451
							PFKFB2		0.95253

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ID1		0.98511
							TP73		0.97509
							CCDC12		0.92997
							CYBA		0.90017
							PHLDA3		0.95549
							S100A4		0.93197
							S100A6		0.99287

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CISH		0.92900
							ADTRP		0.92414
							BBOX1		0.94868
							CPLX2		0.63035
							DUSP9		0.75843
							HOXA5		0.91599
							KCNK2		0.94945
							RASSF7		0.94770
							EPHB4		0.96727
							HSF4		0.87253
							RPL11		0.91919
							RPL18		0.93470
							RPL9		0.85197
							RPS23		0.95949
							RPS24		0.96297
							STYXL1		0.84030

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ASXL3		0.85121
							CCDC25		0.97436
							INHBE		0.98486
							KLF4		0.96352
							PEBP4		0.97696
							SFTPD		0.96680
							CD38		0.99476
							PRRG4		0.96938
							PYGB		0.99105
							SNPH		0.96557
							ST8SIA6		0.95246
							ZG16B		0.98575

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							C12orf57		0.85894
							ATP8A2		0.82854
							BEX1		0.79534
							C4orf19		0.60097
							EBPL		0.99192
							HHIPL2		0.84883
							INA		0.95624
							KIAA0895L		0.90546
							MAL		0.98372
							NOL3		0.96353
							NYAP1		0.97145
							SMTN		0.97212

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							LEPROTL1		0.97980
							PLCB4		0.88880
							ASTN1		0.92411
							DDX25		0.90597
							ENDOD1		0.94799
							GNAI1		0.98485
							GPR158		0.89952

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CCNH		0.97980
							HES1		0.94996
							SRP9		0.99056
							BAG2		0.89881
							MED4		0.98589
							GRIK3		0.93547
							RBKS		0.79478
							ZNF443		0.97574

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							DPYSL5		0.97678
							PDE1C		0.78216
							UGT2B4		0.98346
							INHBC		0.92146
							ABCG5		0.99929
							CCDC83		0.76978
							FASLG		0.89320
							GATA4		0.92354
							GHRHR		0.99879
							GRIA2		0.87746
							KIF25		0.78216
							MLANA		0.93653
							PCSK2		0.78216
							PROZ		0.99417
							RS1		0.99418
							SCHIP1		0.78216
							SEZ6L		0.99106
							SOX21		0.98956
							TPH1		0.78216
							TREH		0.98565
							UNC93A		0.90462
							XG		0.78216
							CHRM5		0.99732
							FRMPD4		0.99898
							SNX32		0.93223
							DUSP27		0.91360
							GPR37L1		0.78216
							SLC4A9		0.92301
							TM4SF19		0.88837

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CACNA1I		0.96683
							ENKUR		0.89388
							FLRT3		0.90744
							DKK2		0.98161
							ITIH2		0.96021
							OCA2		0.89812
							ZNF365		0.86005
							NELL2		0.89624
							GJB3		0.87489
							UPK2		0.95669

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							CACNA2D2		0.99357
							IGF1R		0.99648
							PLEKHB2		0.96129
							TCTA		0.96702
							TRIM5		0.98906
							TP53INP2		0.98099
							PACSIN2		0.98809
							SLC2A9		0.98878
							STEAP4		0.94575
							XK		0.94937
							ADAMTS9		0.98614
							C11orf54		0.89457
							CADM4		0.99238
							SRL		0.96233

	early_above_70	early_aged_60_70	early_below_55	late_above_70	late_aged_60_70	late_below_55	Probe ID	Description	Correlation
							ERI1		0.94050
							FHOD3		0.89621
							GRAP2		0.89824
							RPL17		0.97167
							FAM186B		0.97796
							FECH		0.78314
							FGF7		0.93030
							GALNT12		0.85779
							LAMA1		0.96687
							SYTL5		0.79811
							ESCO2		0.82877
							IQCB1		0.74985
							KLHL32		0.79796
							MYC		0.87320

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	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							FRAS1		0.93224
							KIF3B		0.90459
							VEGFC		0.98521

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							CLEC16A		0.98283
							HES5		0.98283

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							GJA1		0.97434
							ITGA10		0.99593
							TUBA4A		0.95881

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							BCL2		0.98444
							KIFAP3		0.98309
							LAMC3		0.98608
							RB1		0.98573

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							EGFR		0.96710
							KIF21B		0.96710

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							MAP2		1.00000

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							FCHO2		0.98727
							TCF4		0.98727

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							ITGA6		0.99464
							NOTCH1		0.99464

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							CDH11		0.98818
							COCH		0.91429
							COL8A1		0.89229

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							ANK2		0.98122
							ANXA1		0.74328
							CDKN1A		0.91938
							COL14A1		0.92732
							DYNC1H1		0.94493
							FN1		0.90043
							HES4		0.97251
							HIF1A		0.95195
							KIF3A		0.91419

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							ITGA8		0.97234
							MYO1F		0.97790
							TIP3		0.95555

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							ITGB2		1.00000

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							CDHR2		0.91421
							HEY1		0.91499
							ICAM1		0.80495
							ICAM5		0.98612
							MATN1		0.92201

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							DNMT1		0.97973
							VEGFA		0.97973

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							LAMA1		1.00000

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							TP63		1.00000

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							CDHR5		0.95959
							CDK12		0.67174
							FLG		0.90666
							FLNB		0.86871
							GATA1		0.93989
							HDAC1		0.95630
							HEY2		0.86966
							KIF21A		0.93829
							MYO1D		0.98597

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							SNAI2		1.00000

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							HEYL		0.89301
							ITGAV		0.97187
							MATN2		0.94608

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							EP300		1.00000

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							DST		0.87214
							FBN1		0.86443
							KIF18		0.92638

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							ITGA1		0.98670
							ZEB2		0.98670

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							CDH1		0.84959
							HES1		0.85721
							ITGB8		0.95901
							NTN4		0.91995

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							CDH4		0.68749
							GDF5		0.50725
							HIP1		0.92830
							KIF5A		0.94311
							LIN7A		0.77536
							MYO7A		0.50430
							TWIST1		0.88392

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							CDH15		0.94035
							CRB2		0.88536
							CREBBP		0.90811
							CTNNB1		0.77354
							ERBB2		0.94334
							ESR1		0.85636
							LGALS3		0.48112
							PLEC		0.85044

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							MAP7		1.00000

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							CDH26		0.79244
							ERG		0.98604
							LAMC2		0.95579
							TFAP2A		0.88205
							TNN		0.93308
							WWOX		0.91548

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							CALD1		0.96241
							COL4A4		0.92608
							SMAD3		0.94017

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							CTNNA2		0.94178
							FGF9		0.85542
							HDAC6		0.76529
							MYC		0.89441
							NPNT		0.95056

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							FGF1		0.99370
							MAPRE3		0.99370

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							CDK19		0.96837
							FGF12		0.86019
							MZT1		0.83596

	local.below.55	local.aged.60.70	local.above.70	regional.below....	regional.aged.6...	regional.above....	Probe ID	Description	Correlation
							COL6A2		0.81924
							MMP7		0.81924