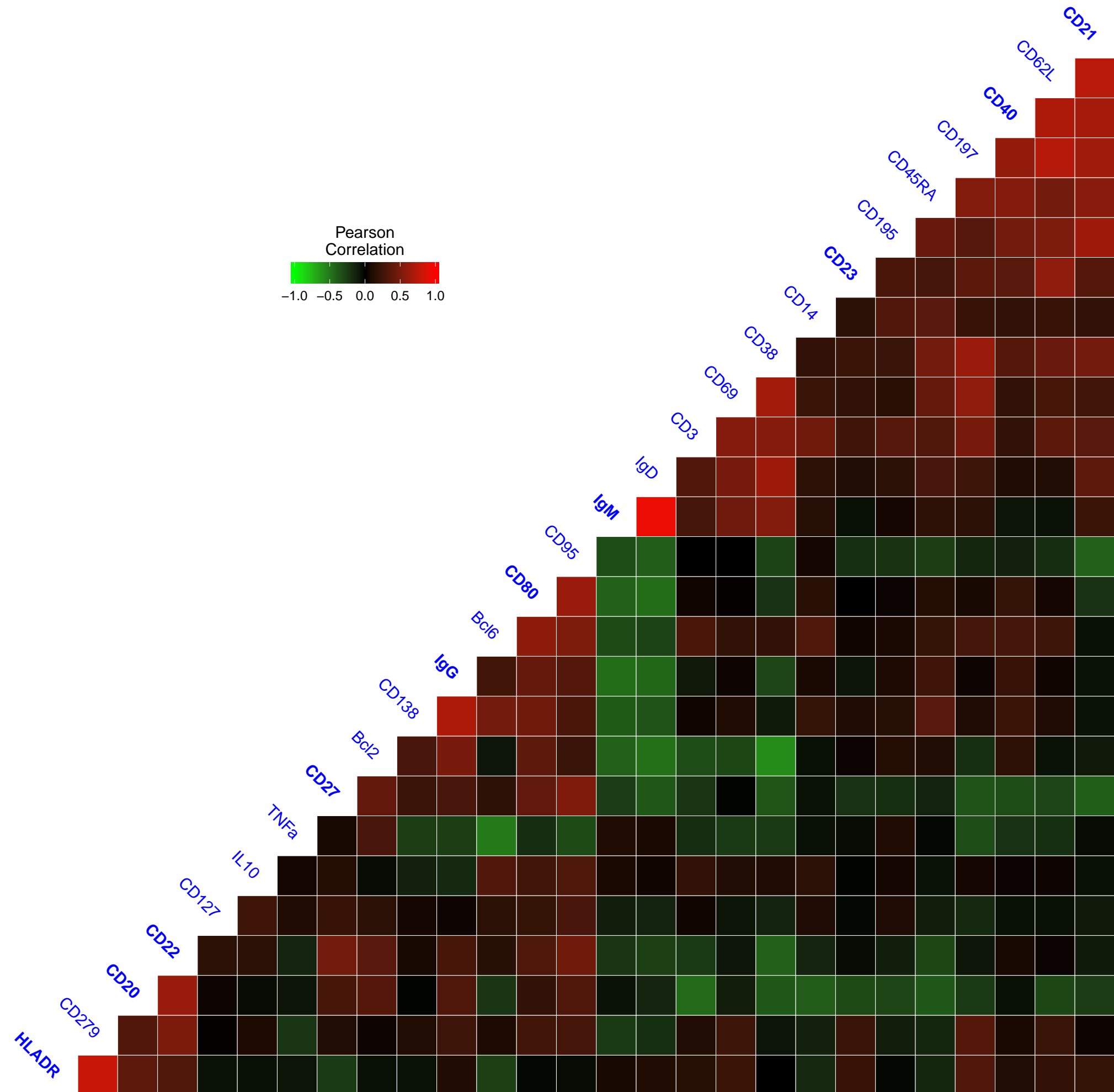
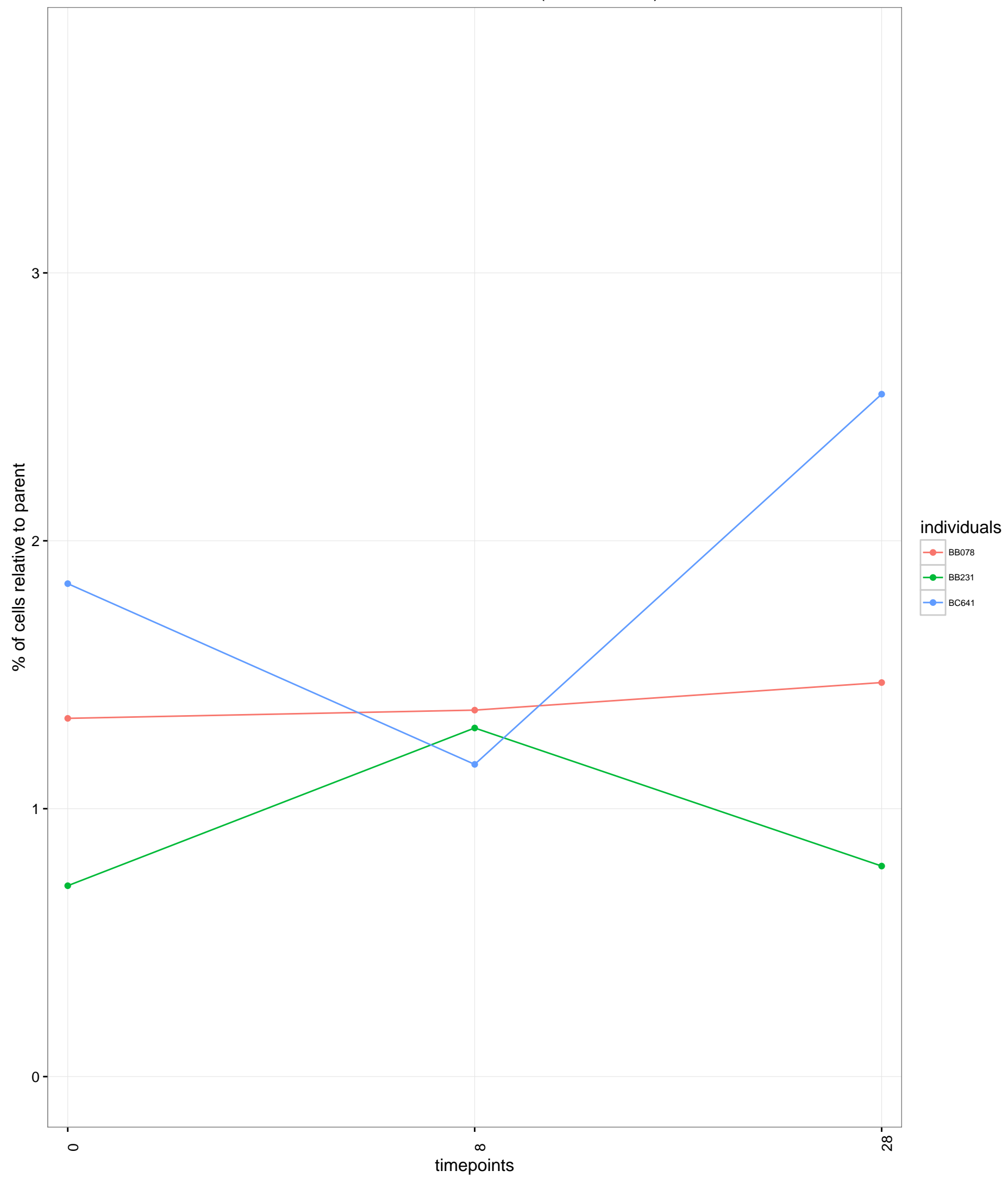


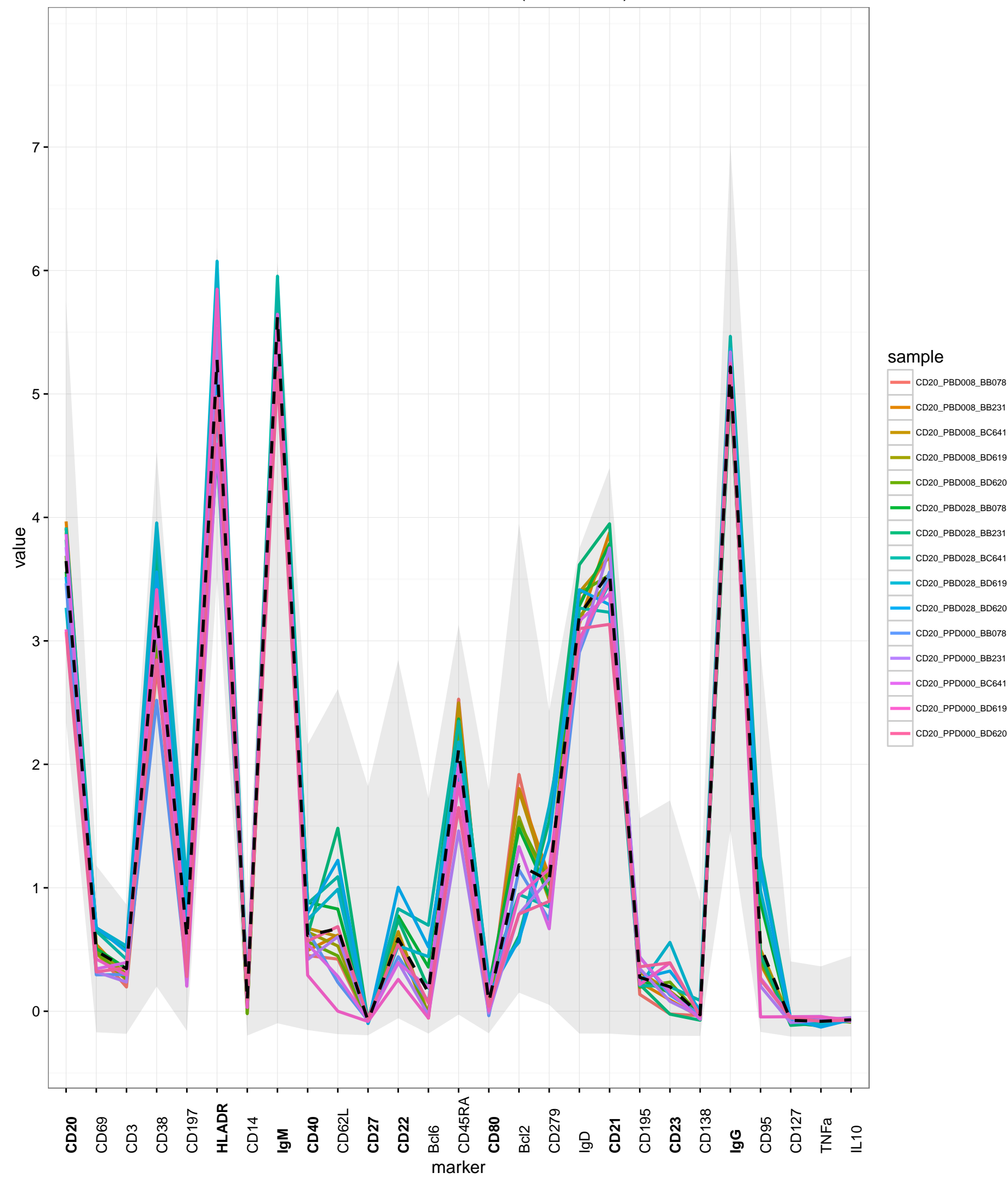
### Distogram of marker phenotypes correlations



Kinetics Viewer – cluster 1 ( 1 173 cells)

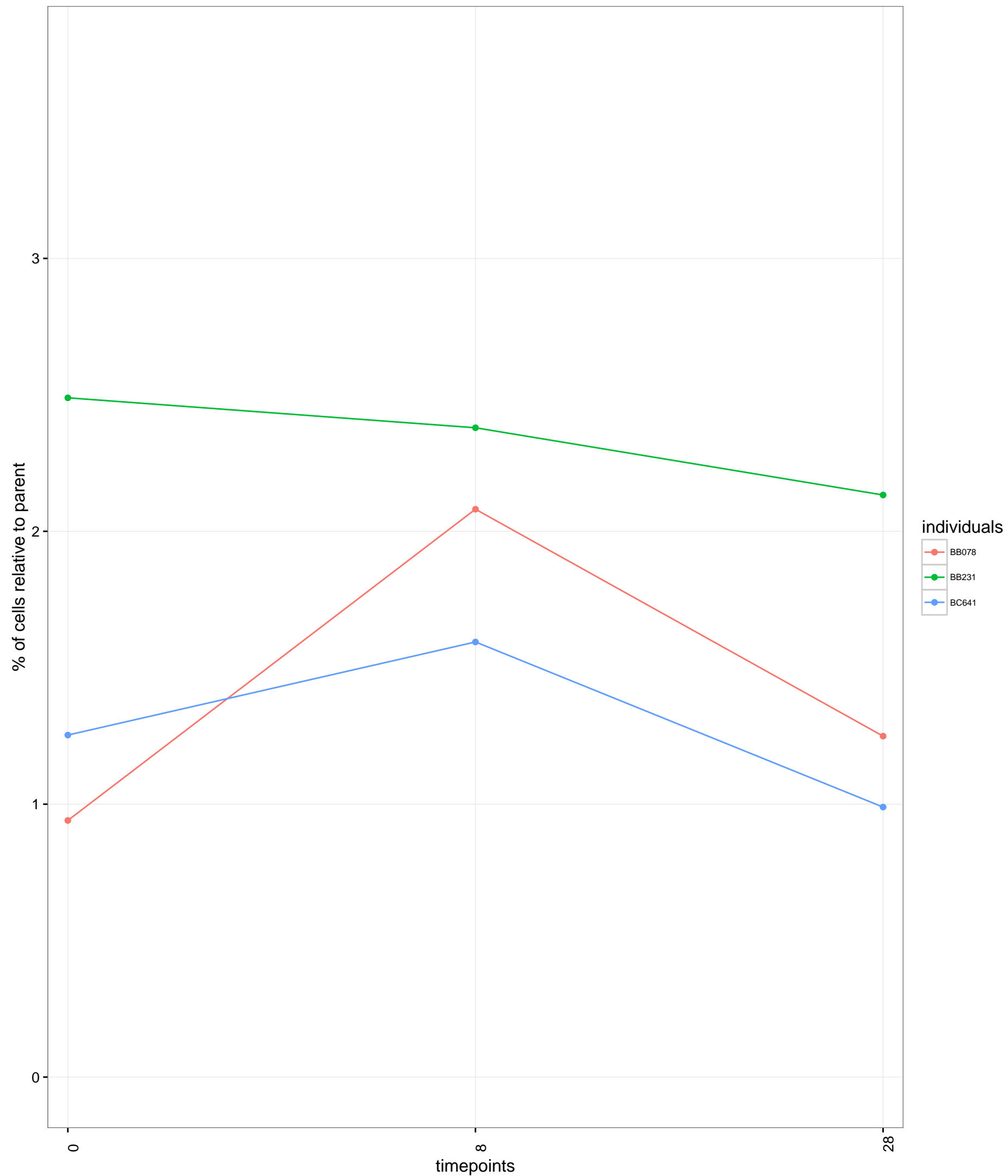


Pheno Viewer – cluster 1 (2 303 cells)

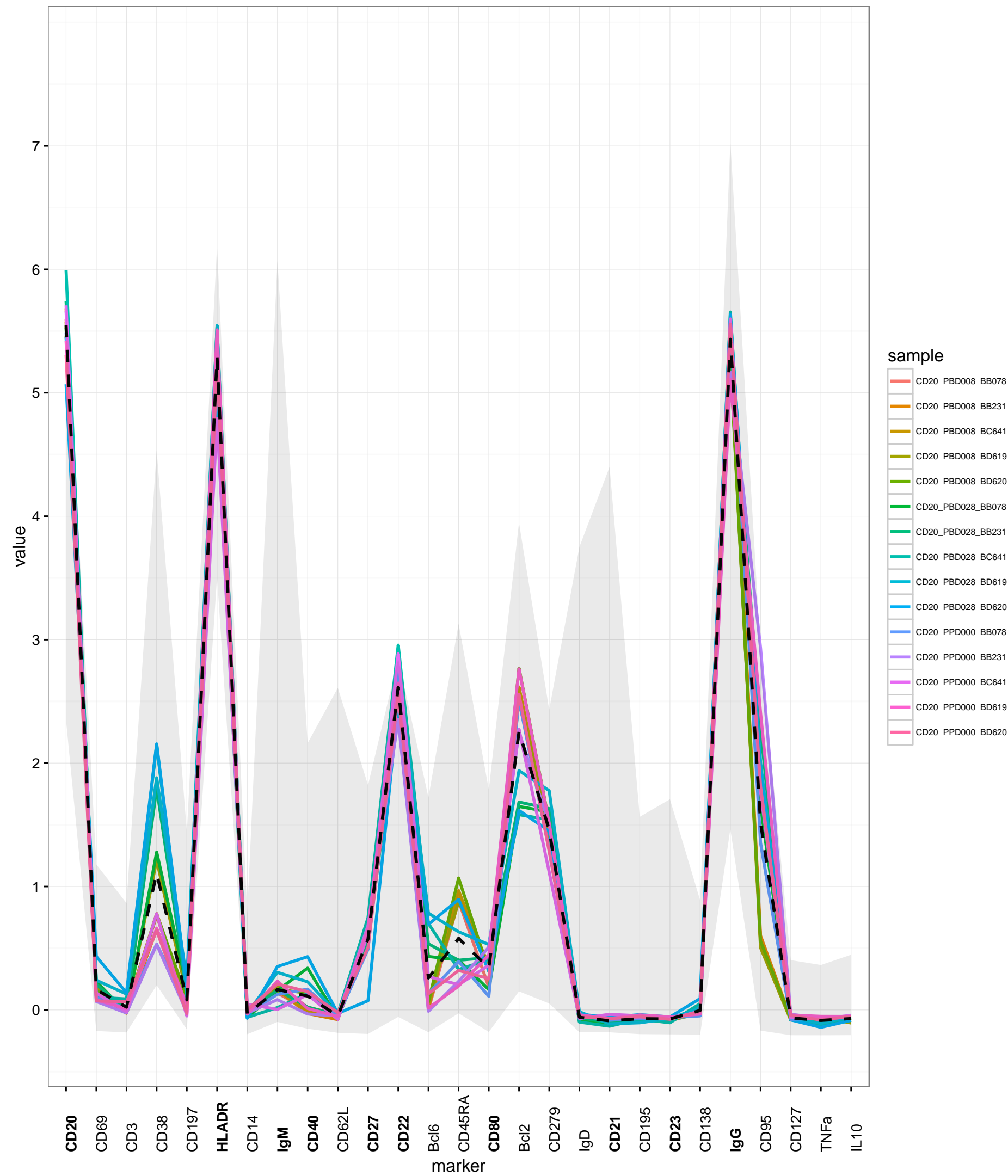




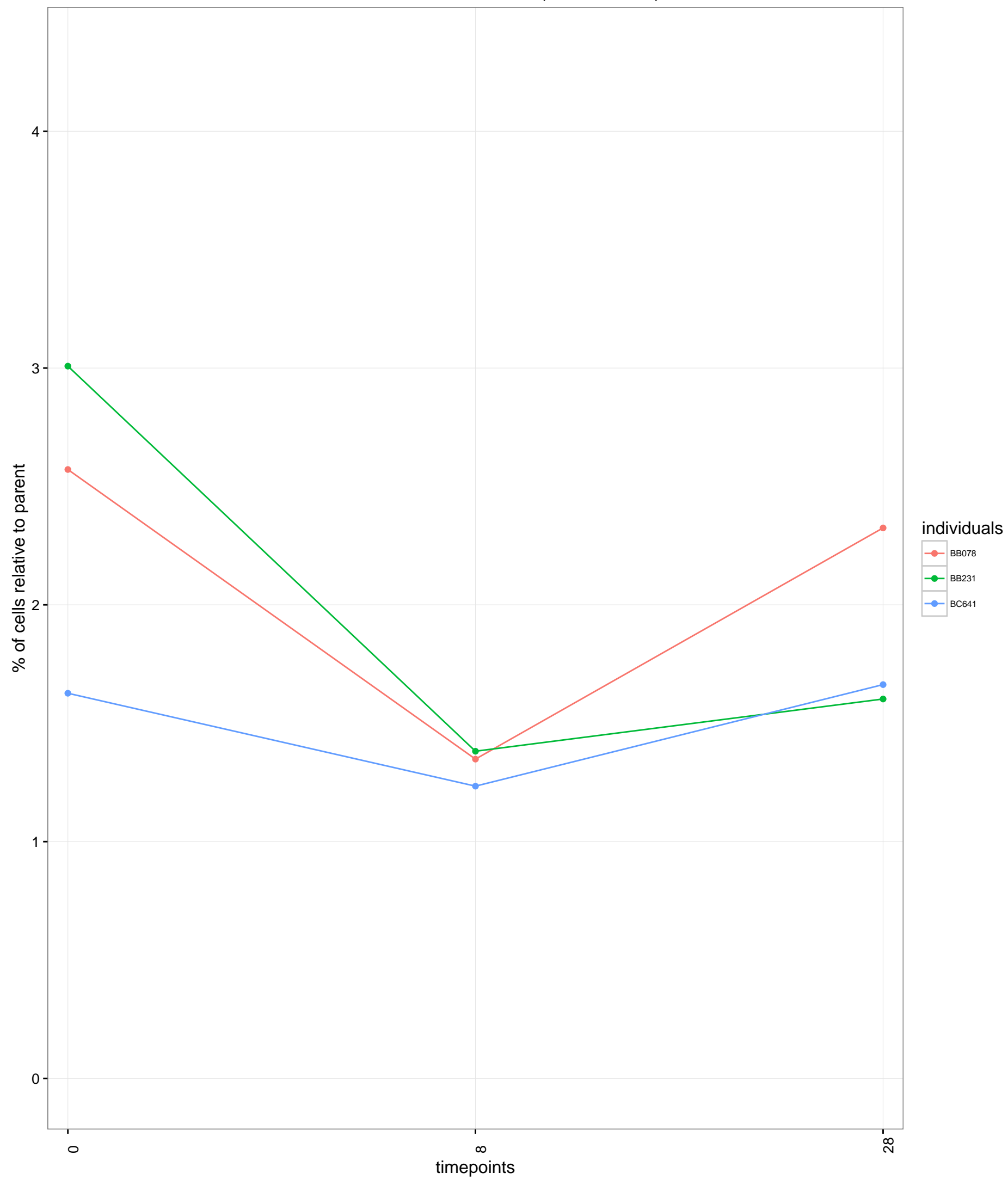
Kinetics Viewer – cluster 2 ( 1 735 cells)



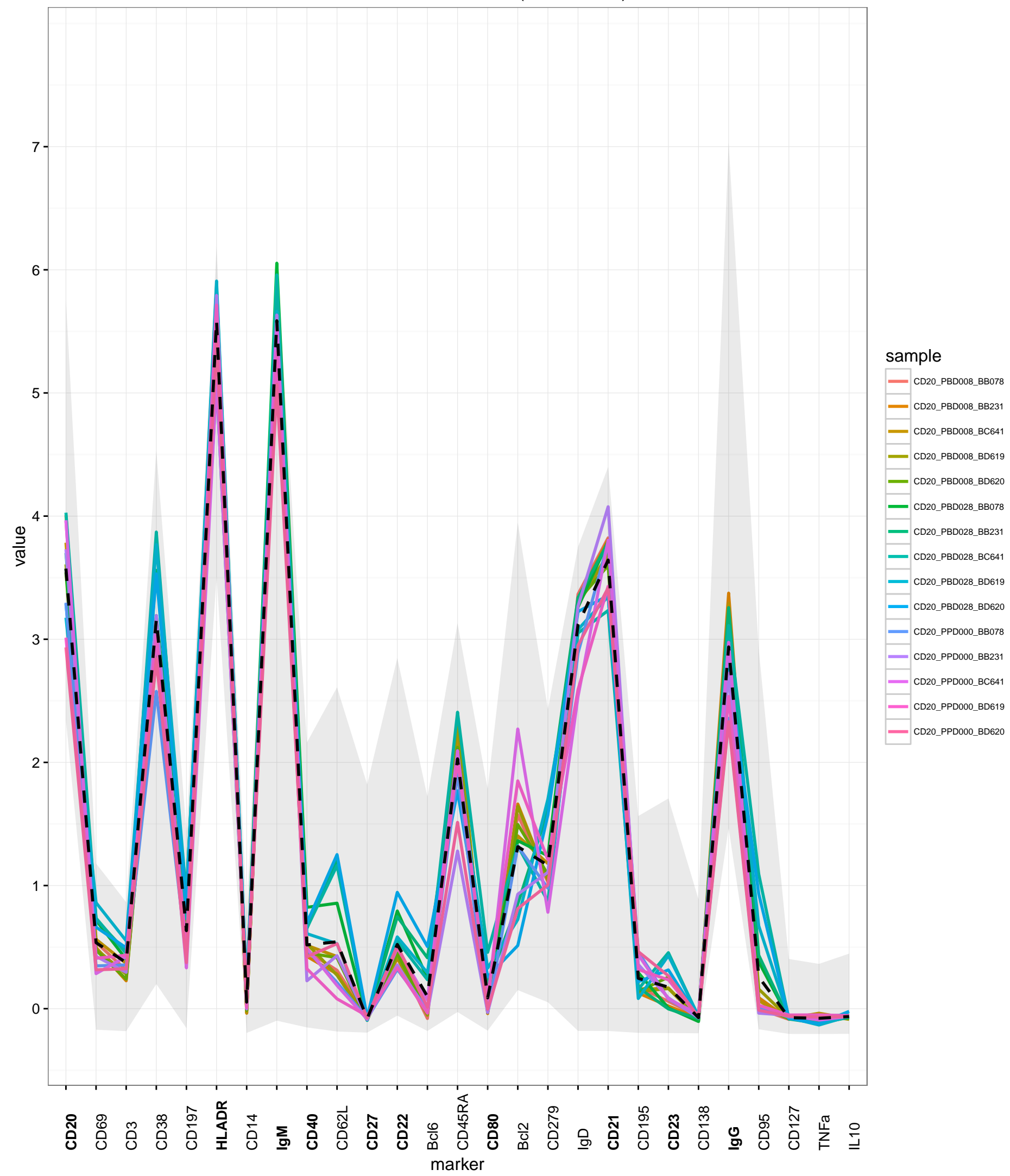
Pheno Viewer – cluster 2 (3 221 cells)



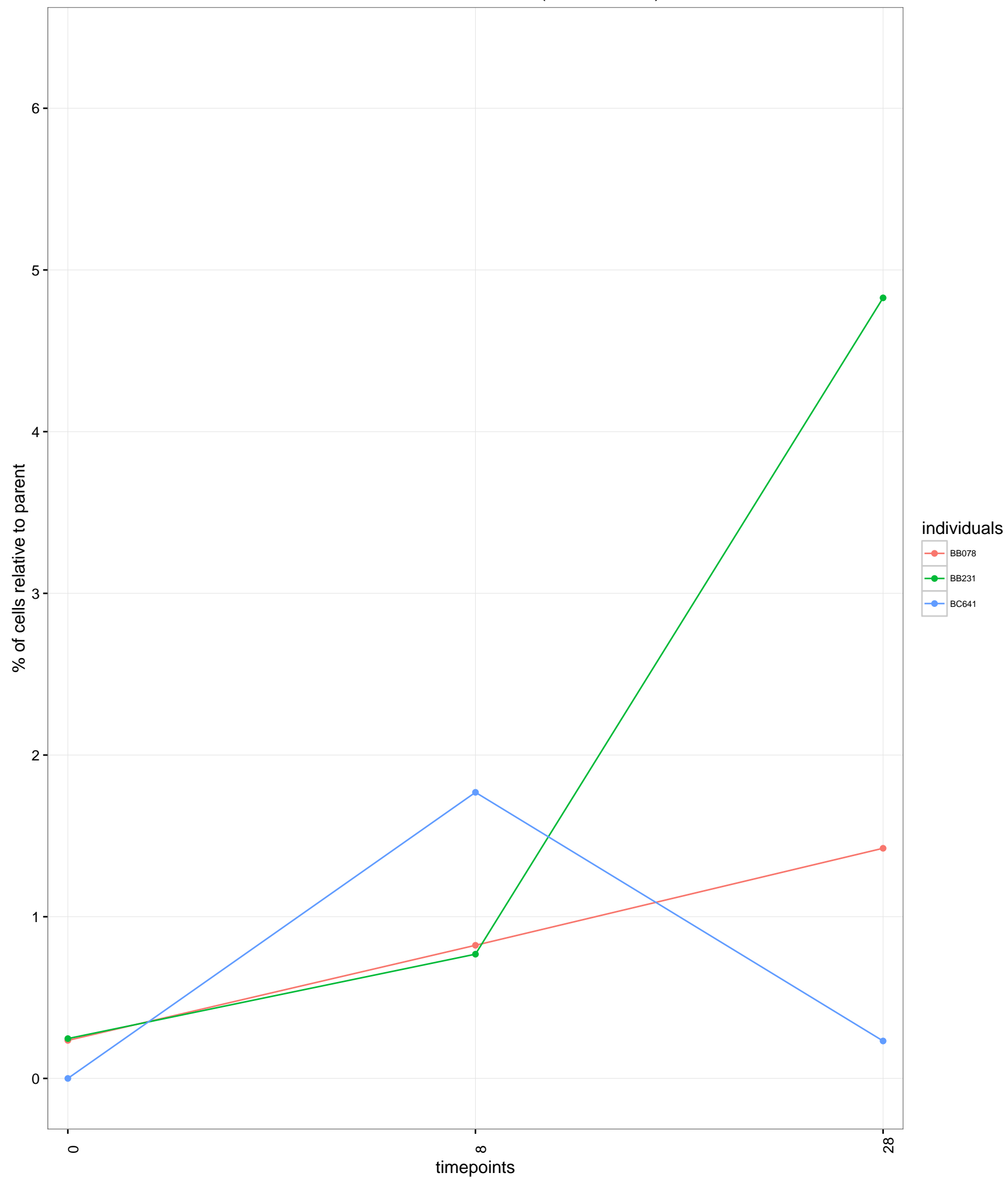
Kinetics Viewer – cluster 3 ( 1 625 cells)



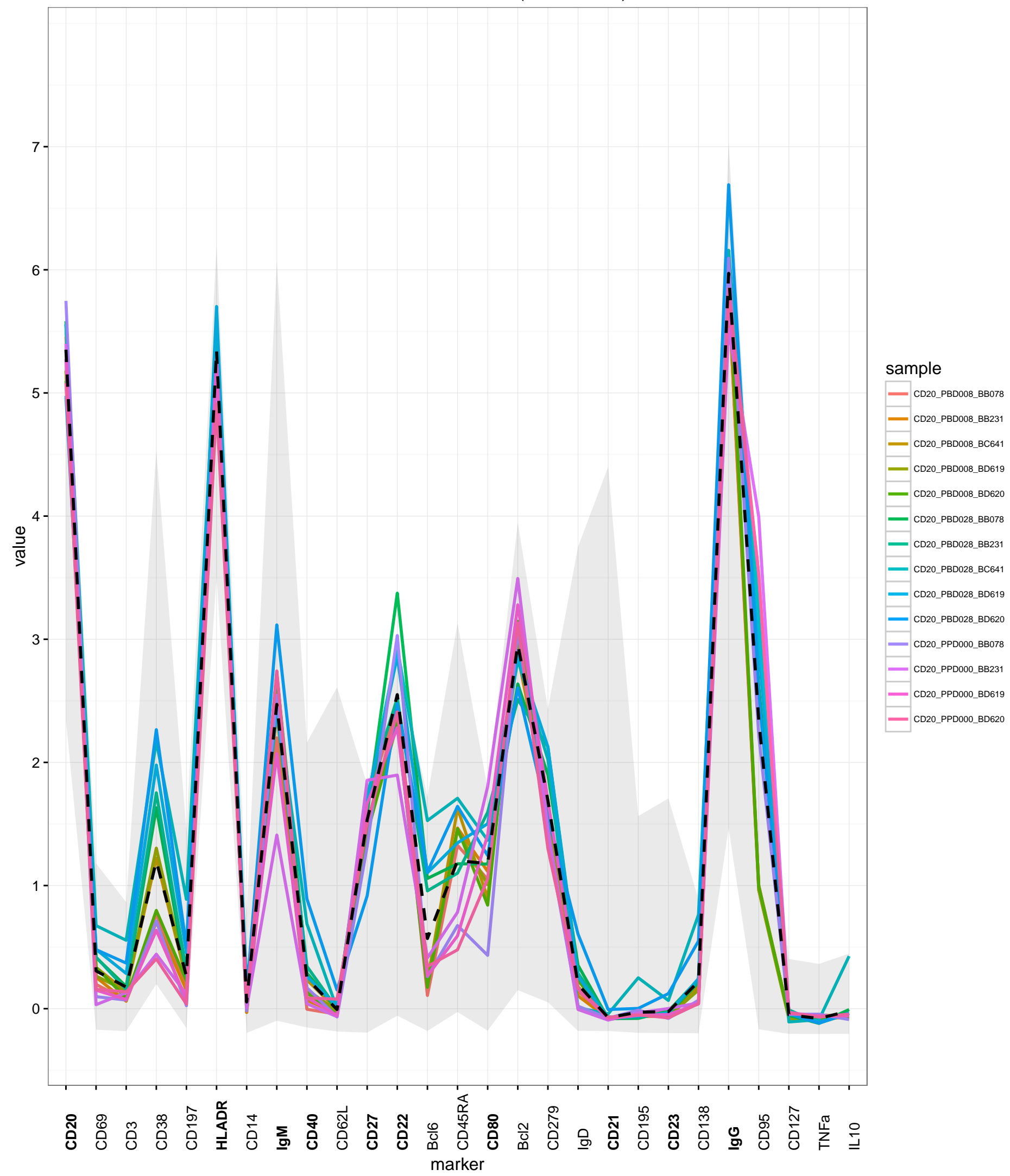
Pheno Viewer – cluster 3 (3 730 cells)



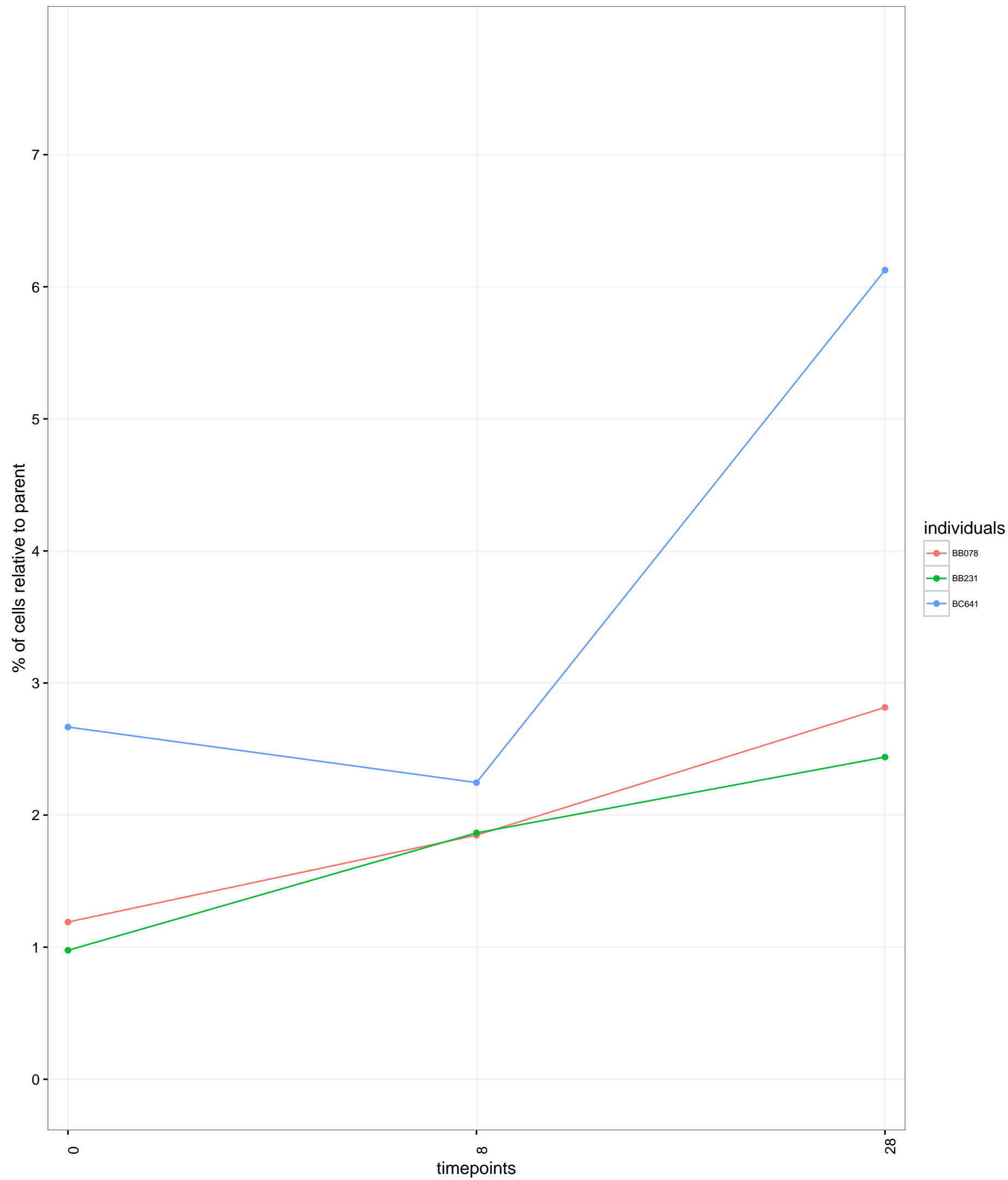
Kinetics Viewer – cluster 4 ( 1 203 cells)



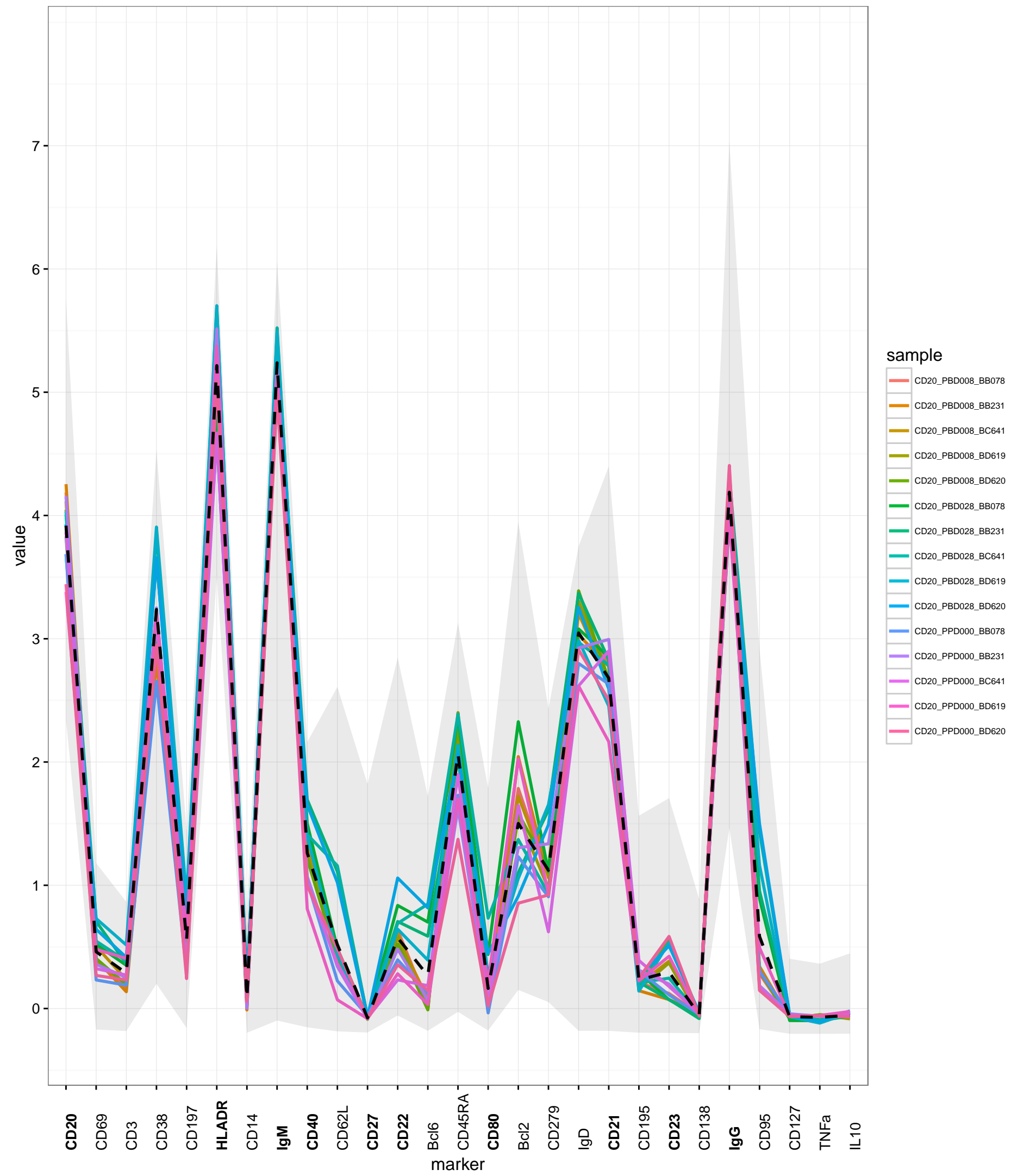
Pheno Viewer – cluster 4 (3 596 cells)



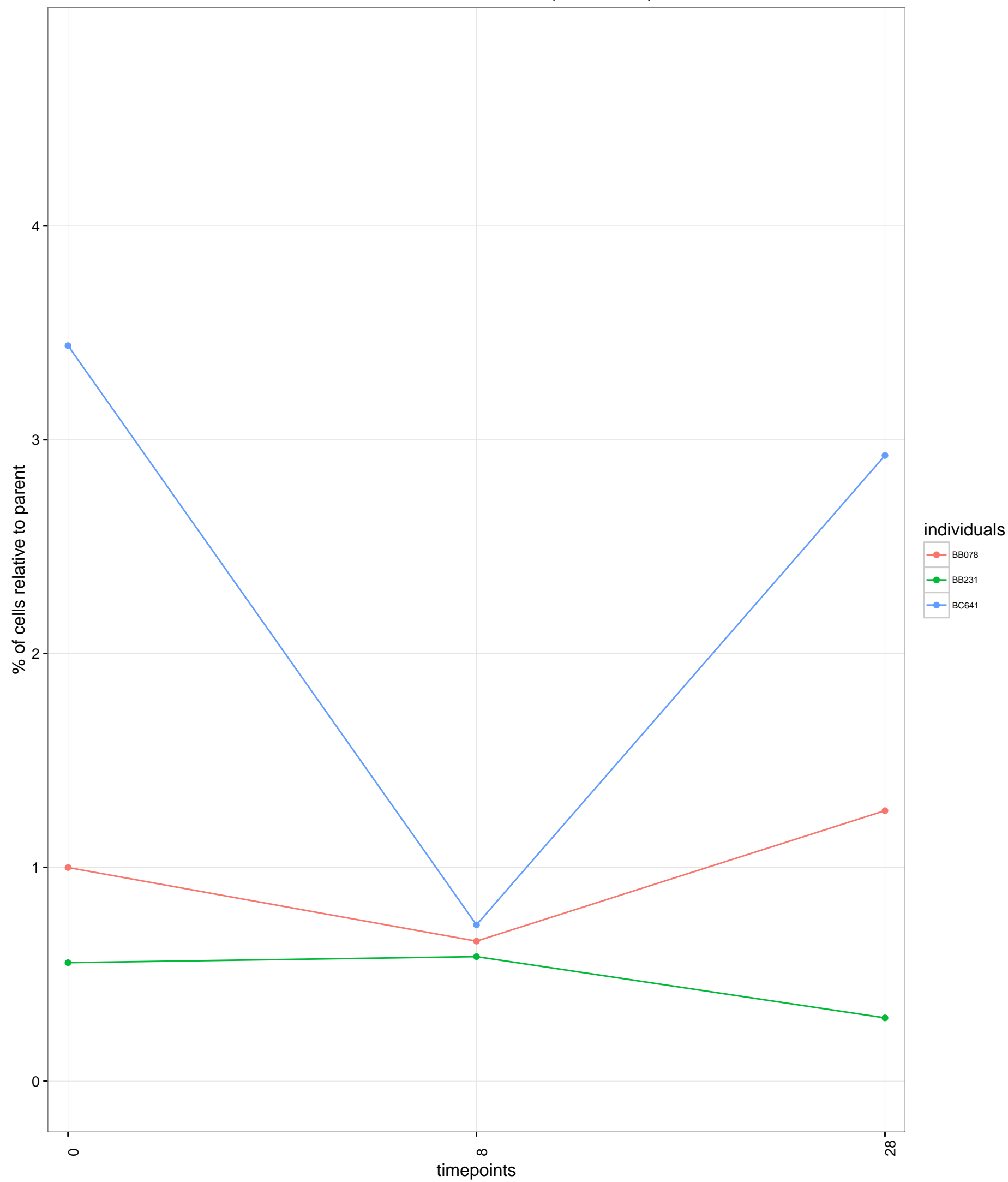
Kinetics Viewer – cluster 5 (2 010 cells)



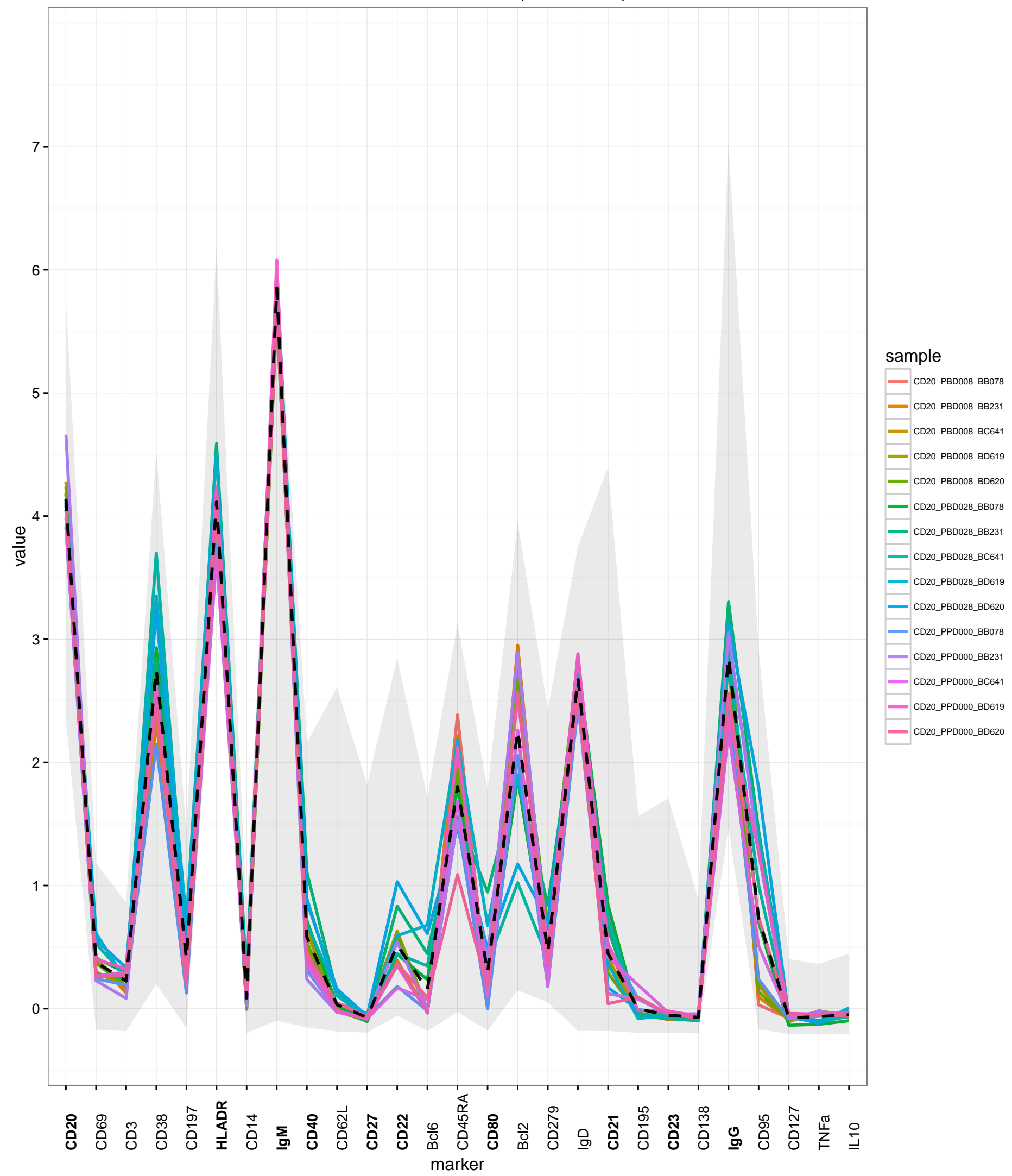
Pheno Viewer – cluster 5 (5 200 cells)



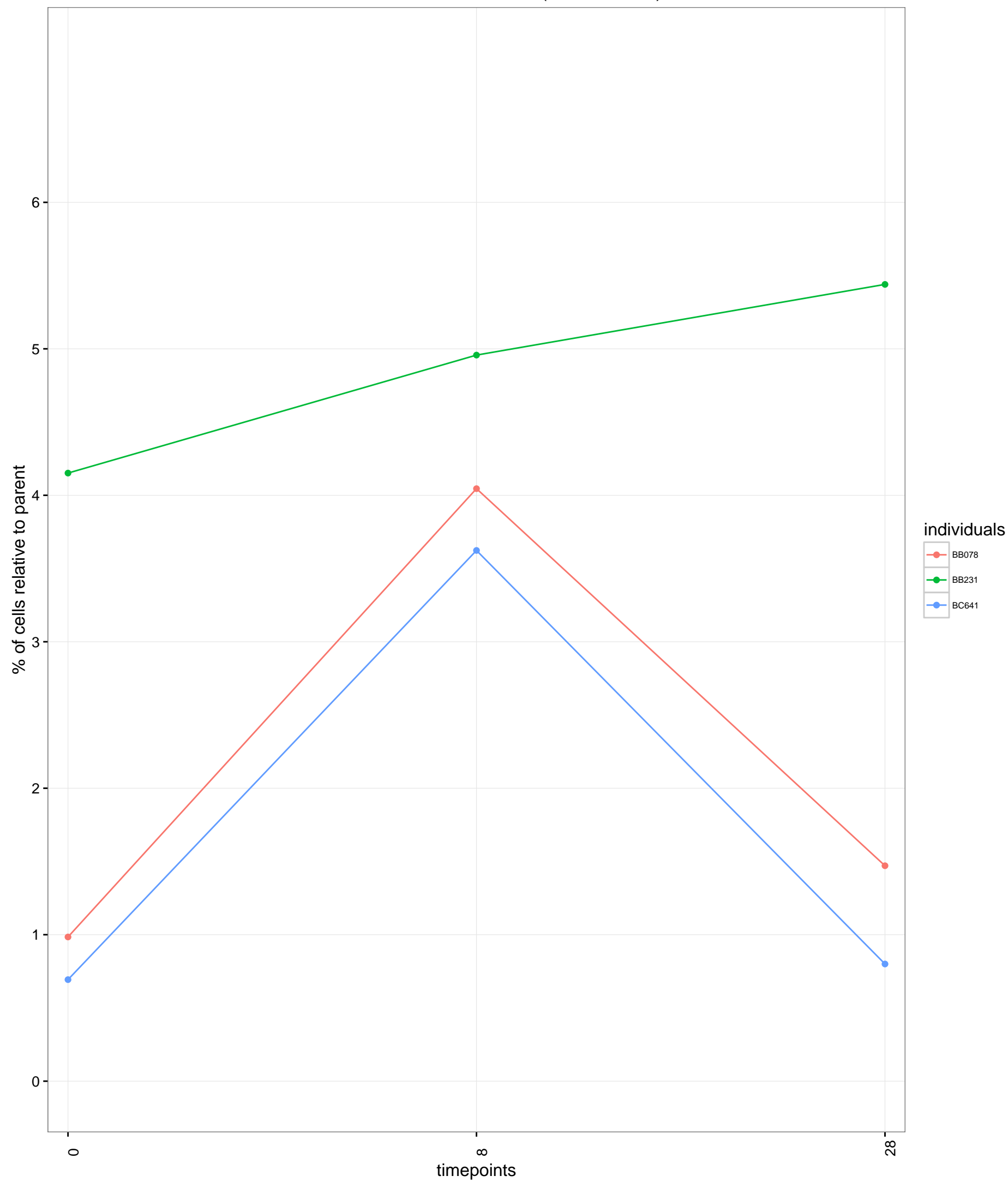
Kinetics Viewer – cluster 6 ( 841 cells)



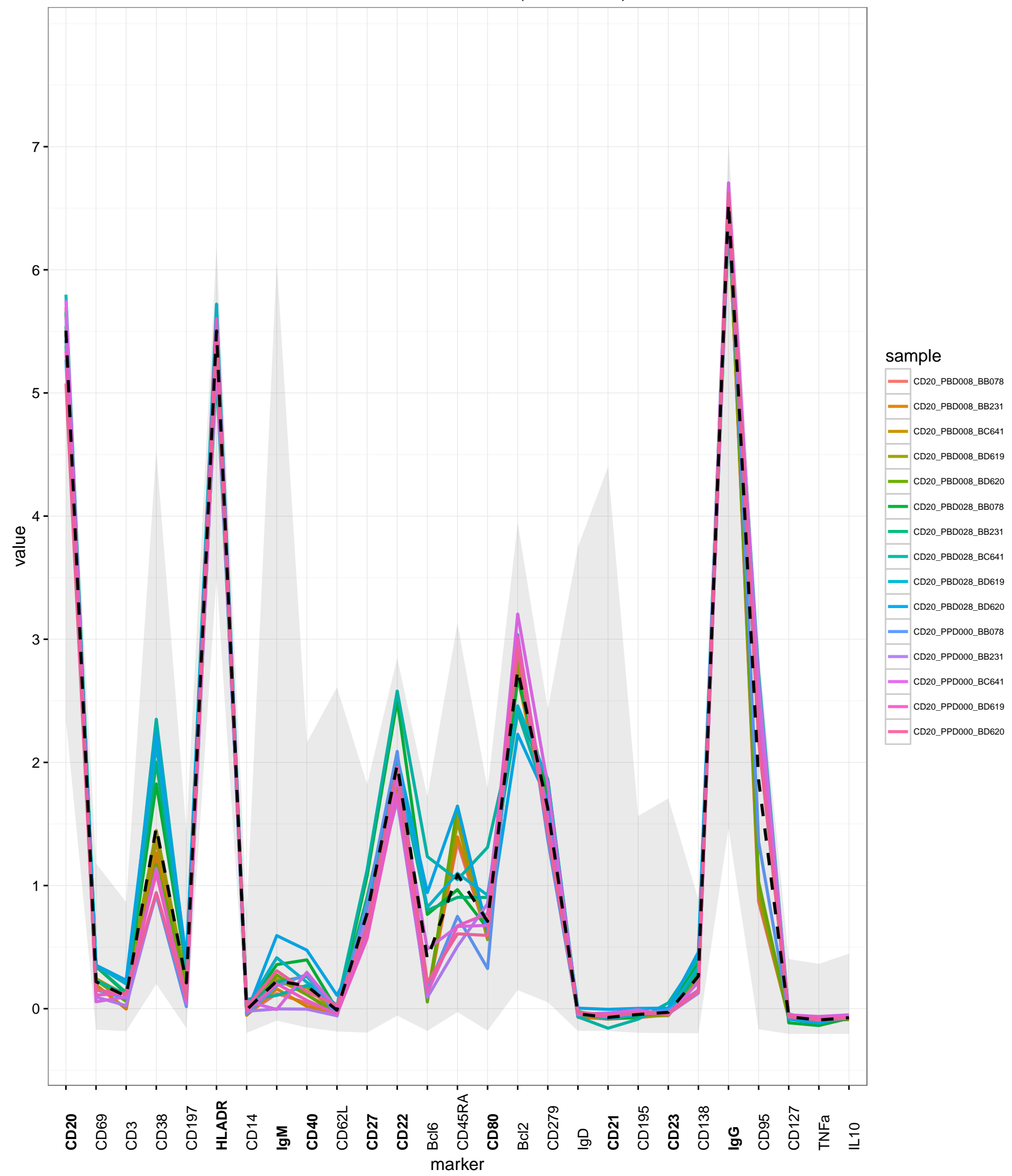
Pheno Viewer – cluster 6 (2 257 cells)



Kinetics Viewer – cluster 7 ( 3 337 cells)

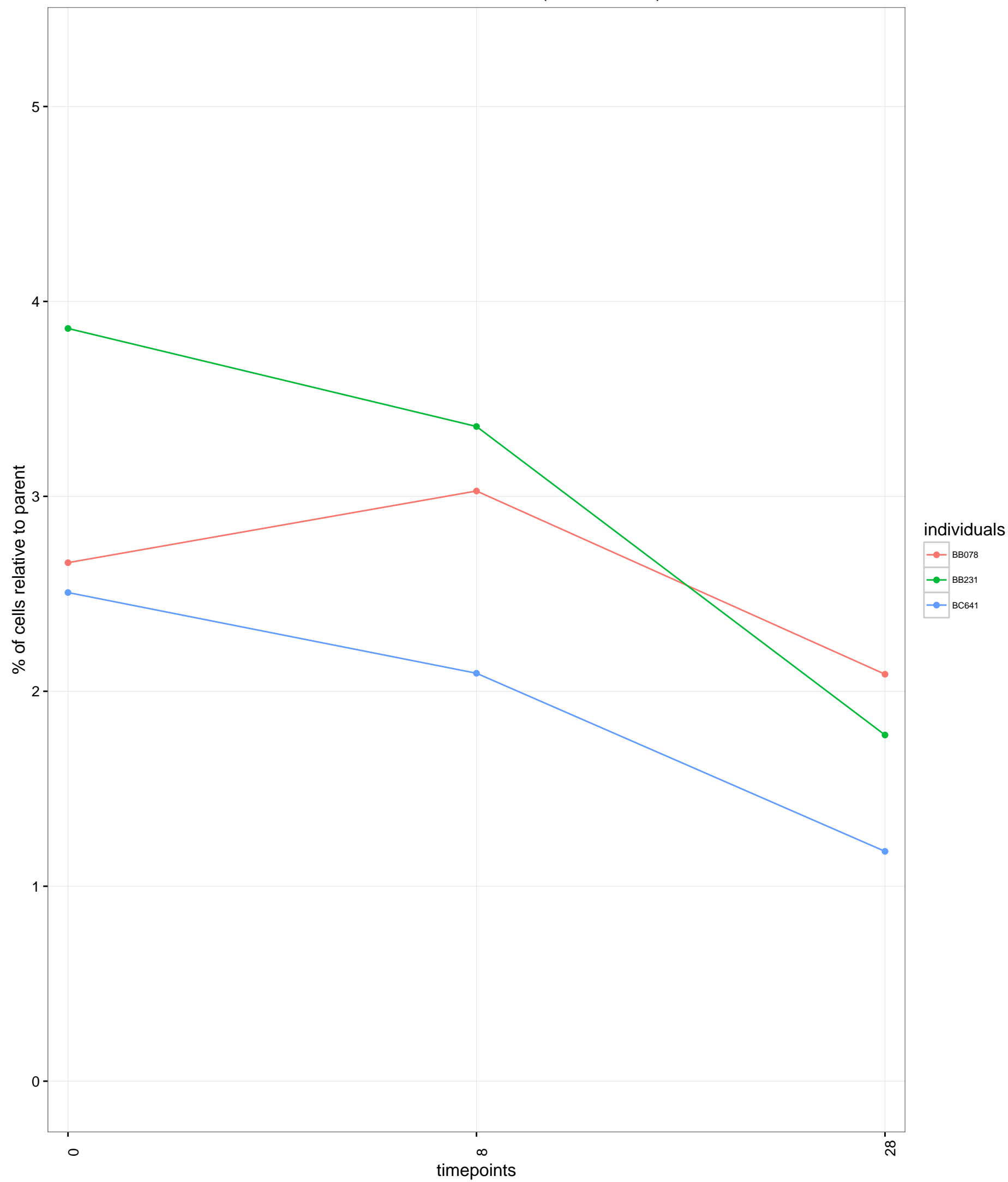


Pheno Viewer – cluster 7 (6 744 cells)

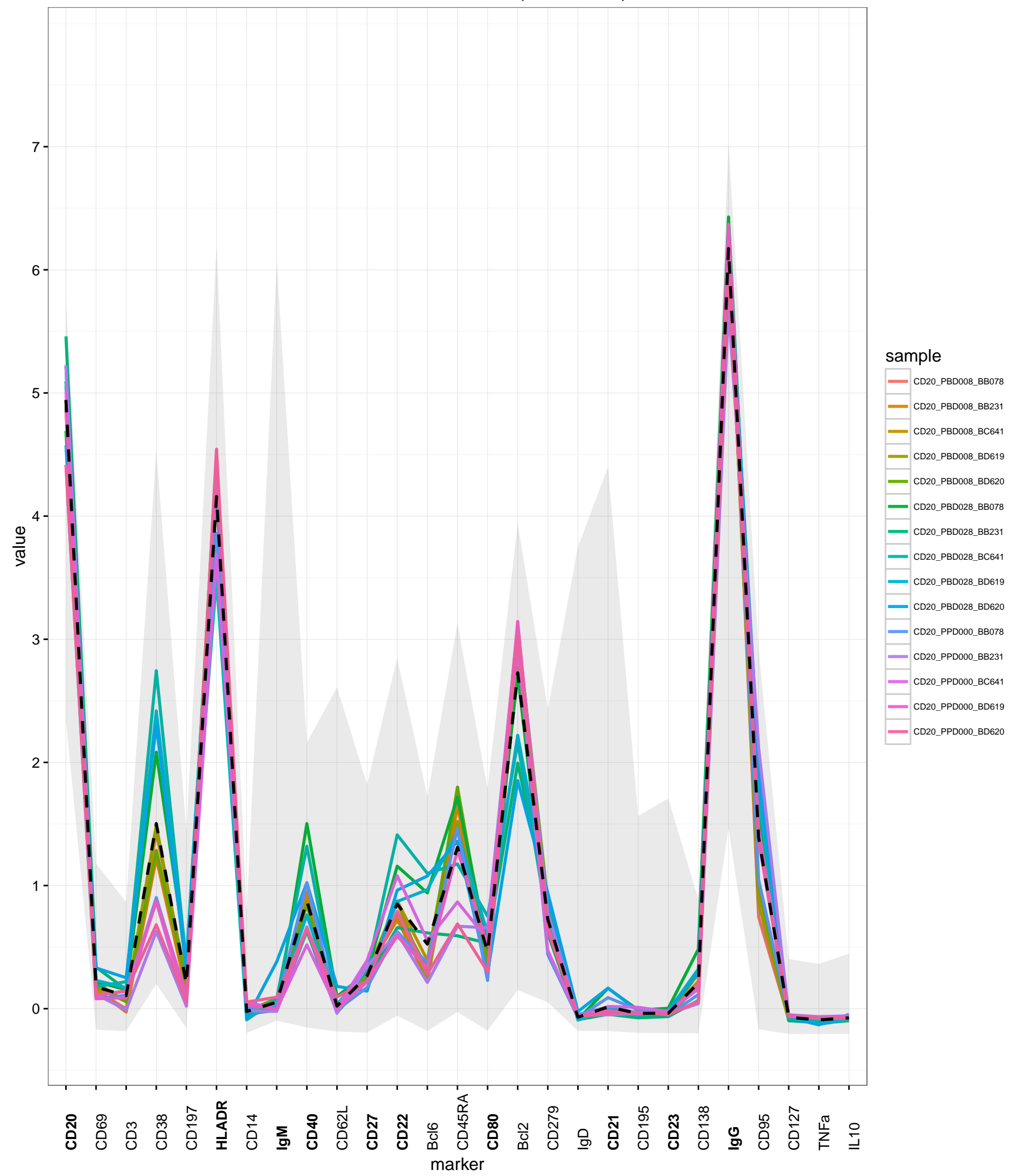




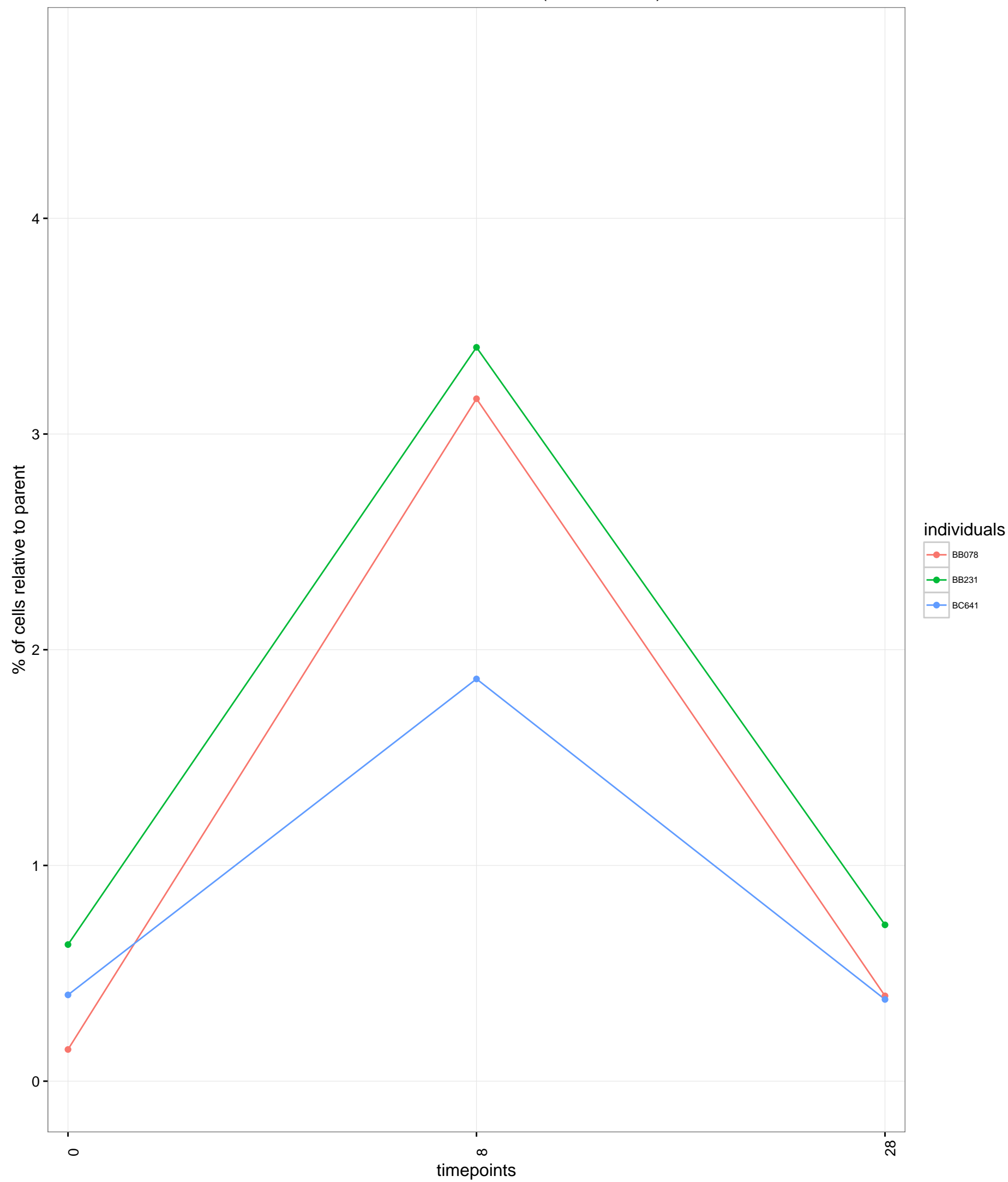
Kinetics Viewer – cluster 8 ( 2 480 cells)



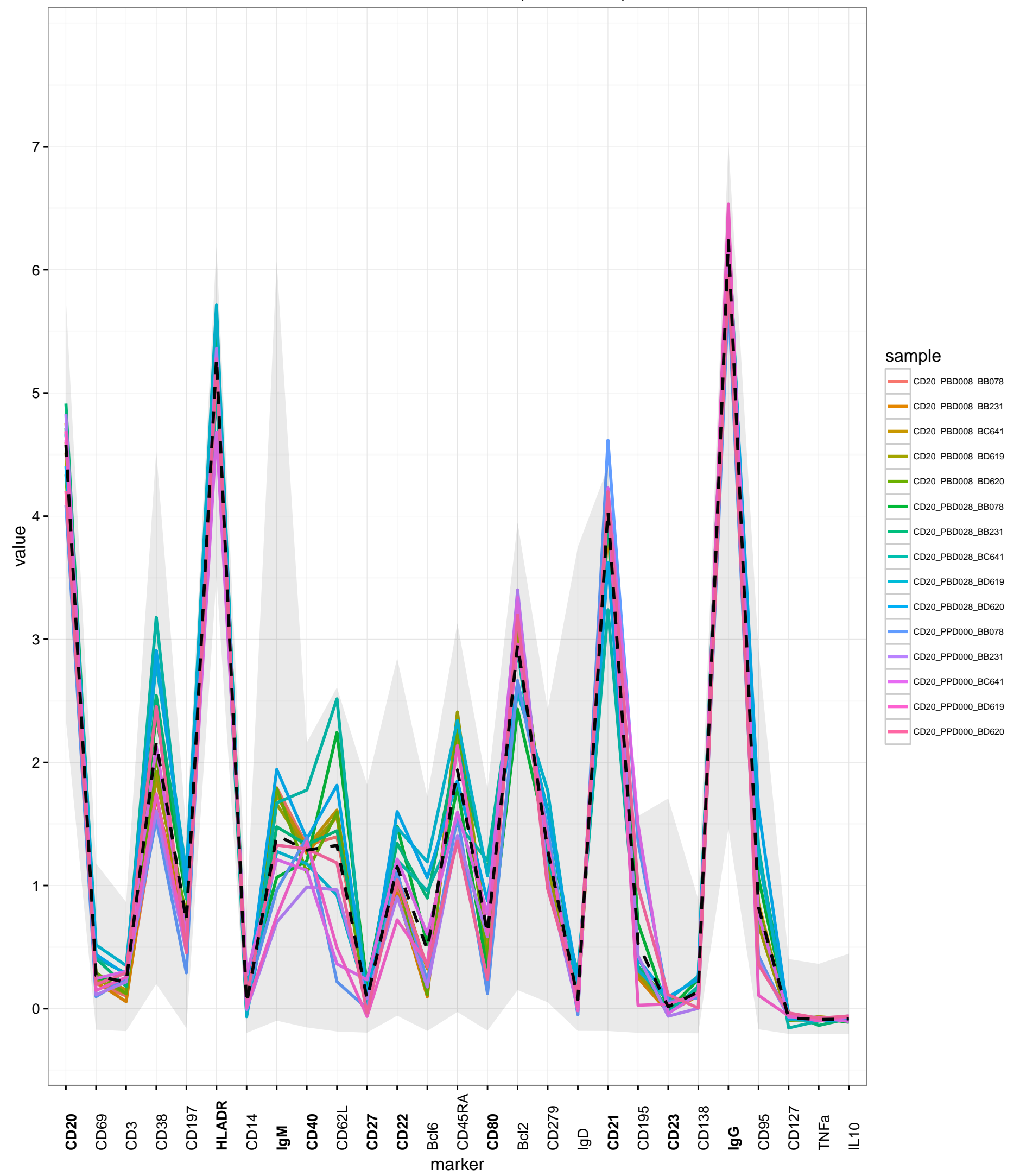
Pheno Viewer – cluster 8 (4 580 cells)



Kinetics Viewer – cluster 9 ( 1 600 cells)

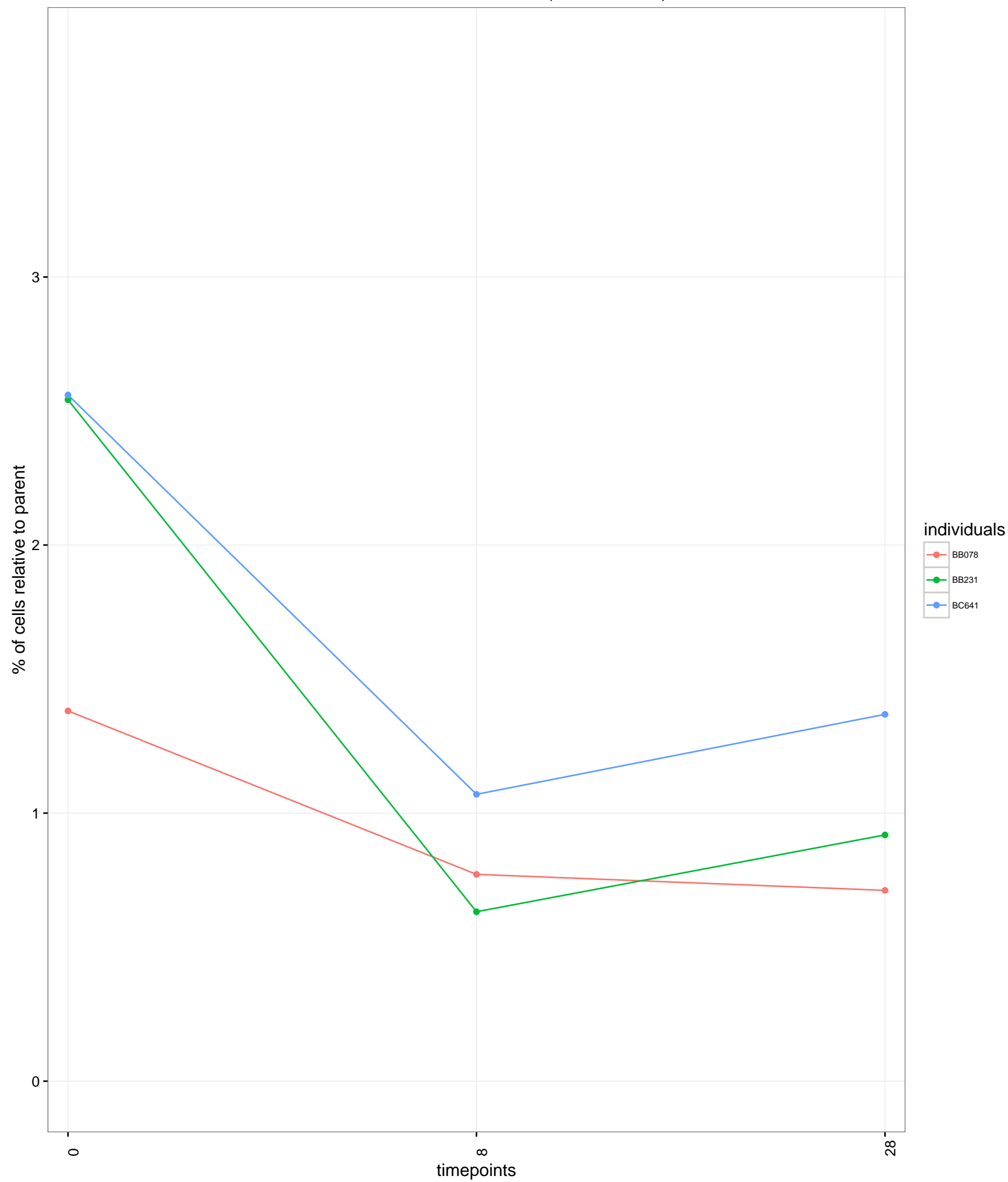


Pheno Viewer – cluster 9 (2 545 cells)

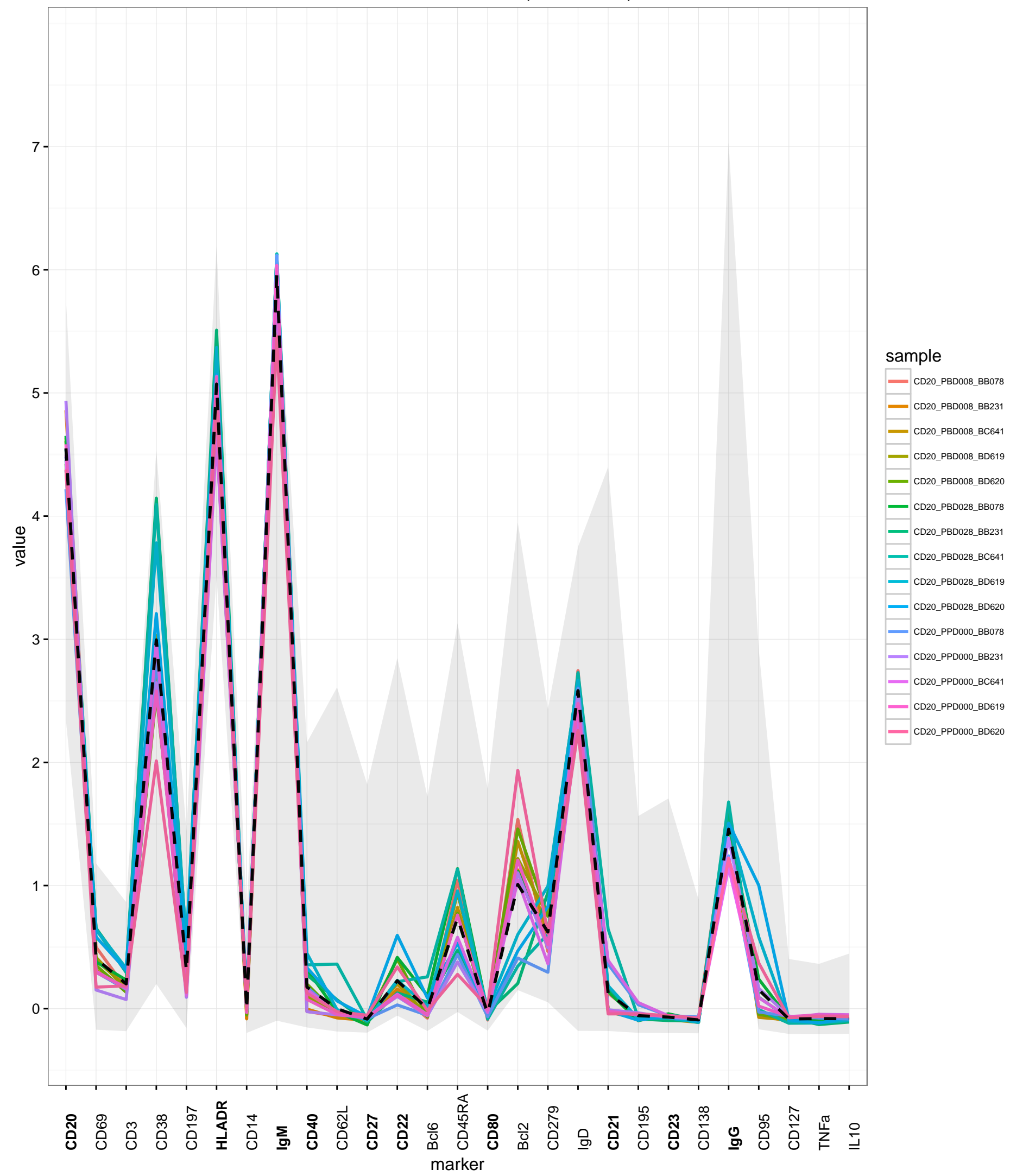




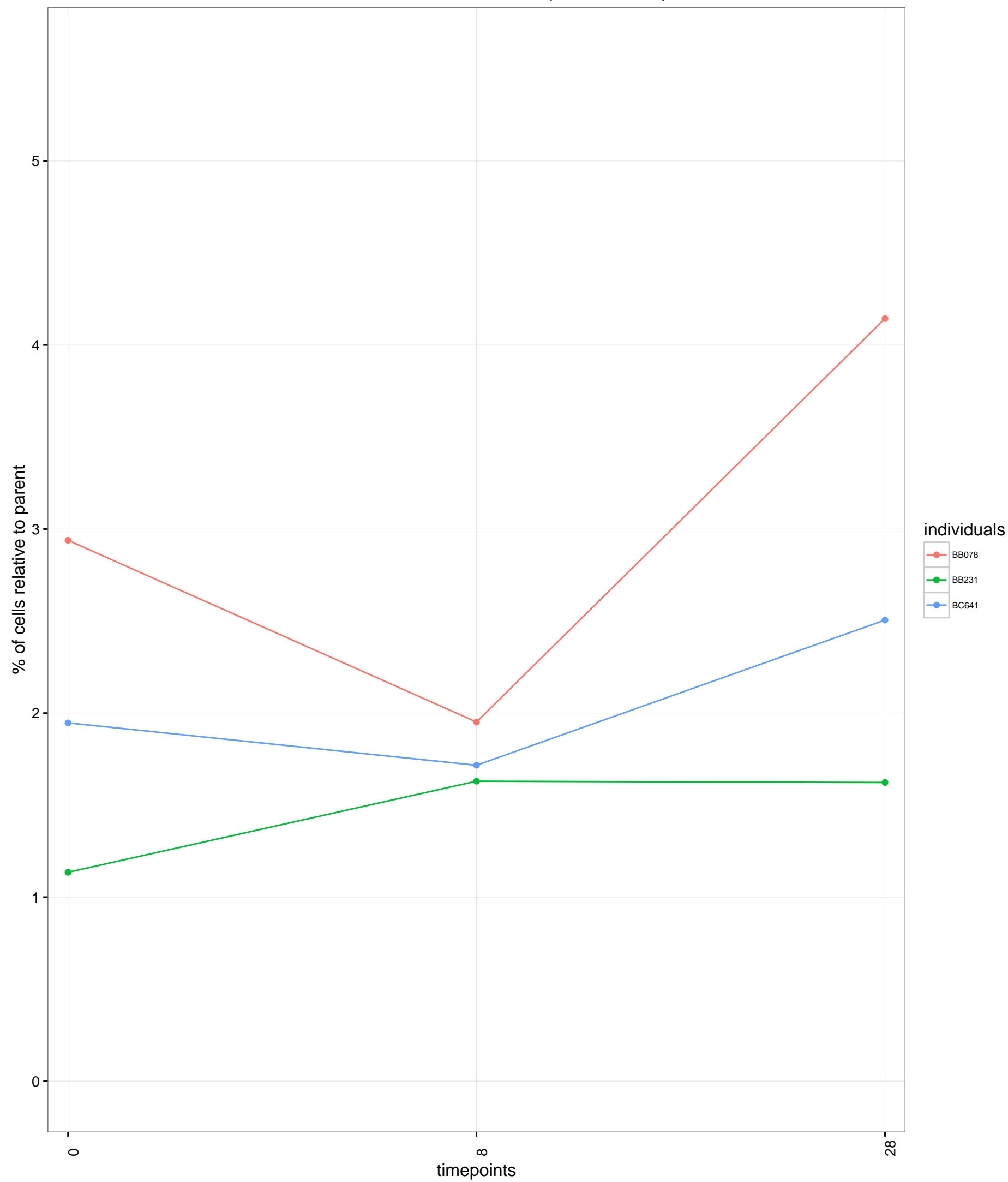
Kinetics Viewer – cluster 10 ( 1 102 cells)



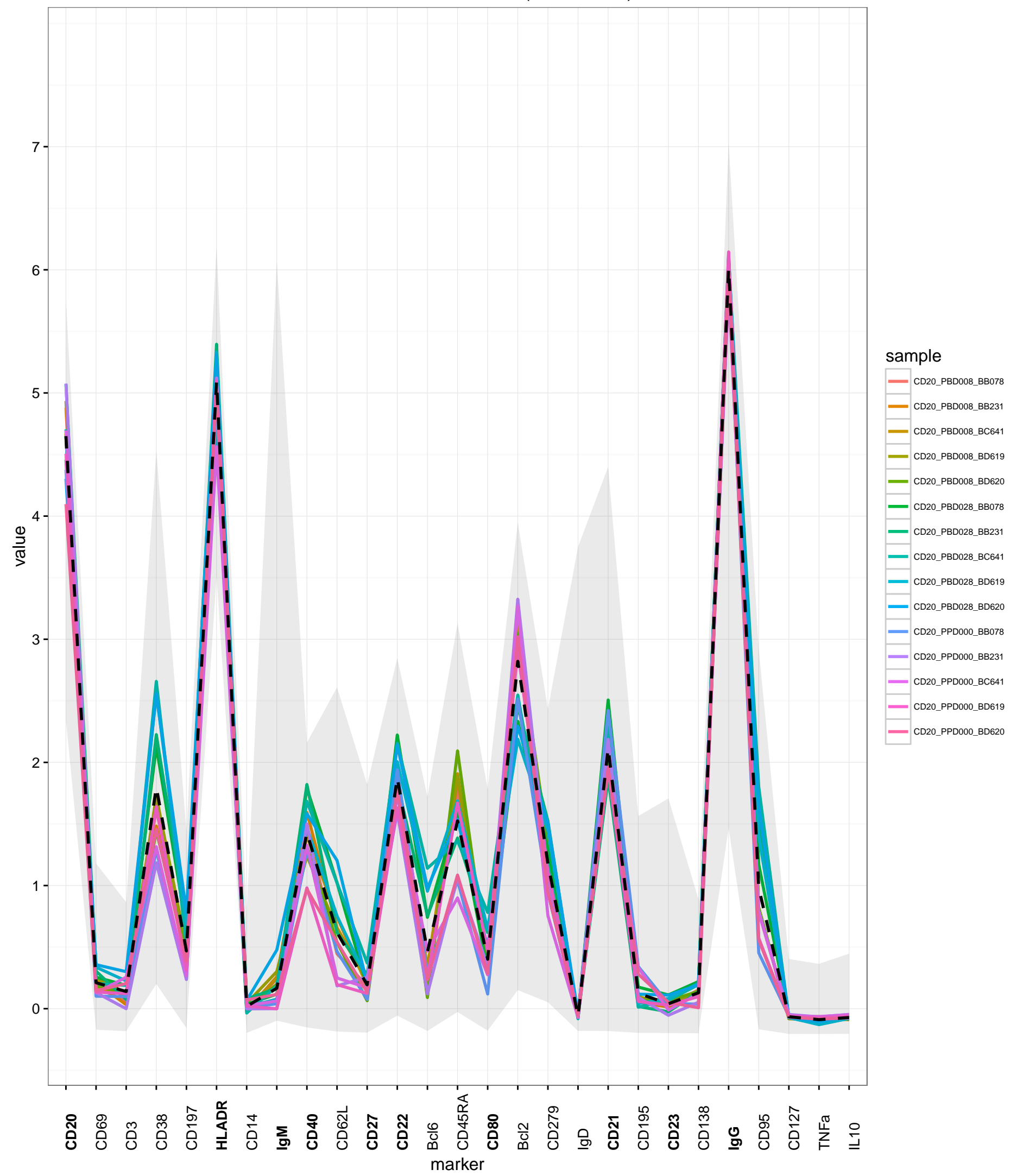
Pheno Viewer – cluster 10 (3 318 cells)



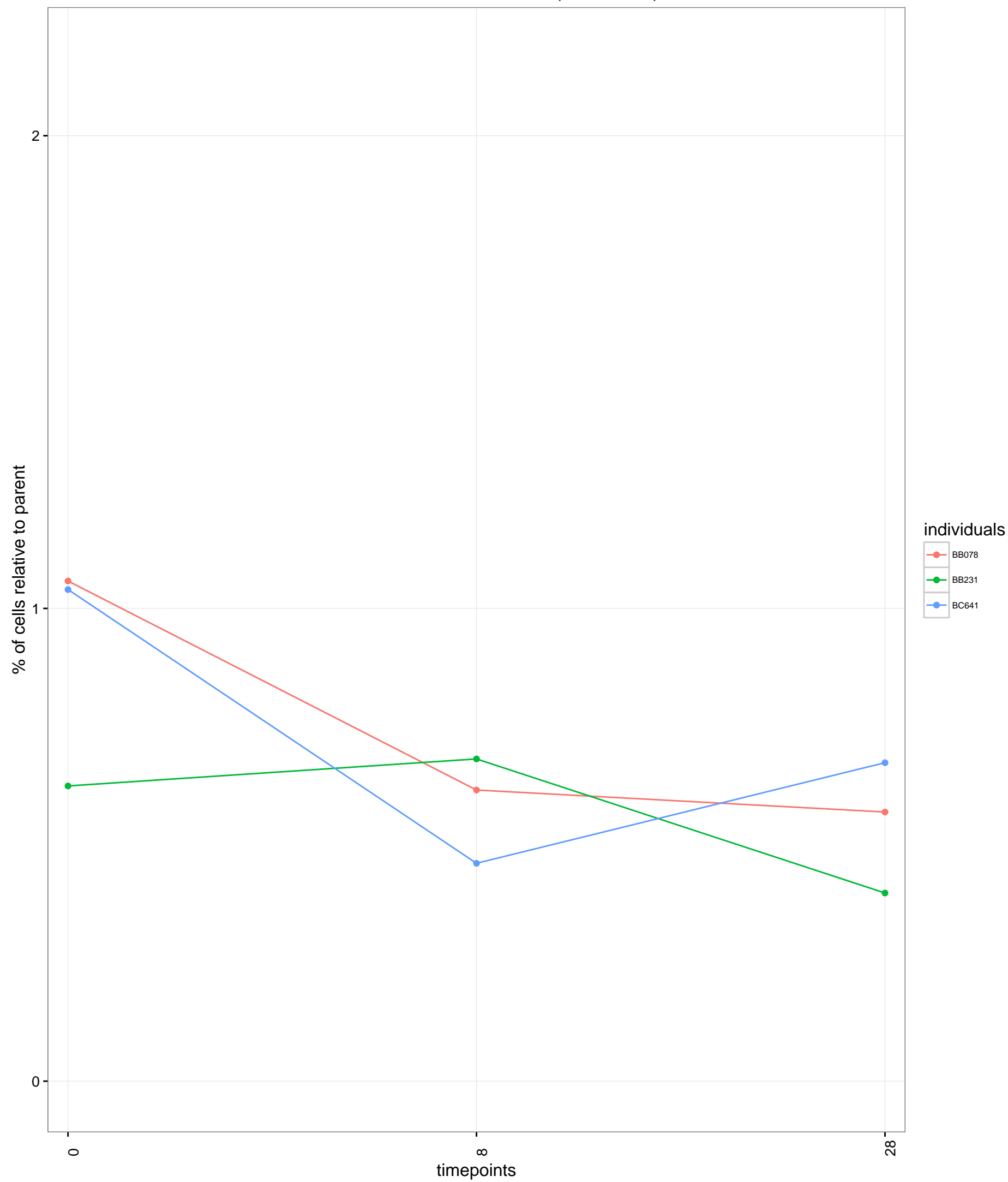
Kinetics Viewer – cluster 11 ( 1 830 cells)



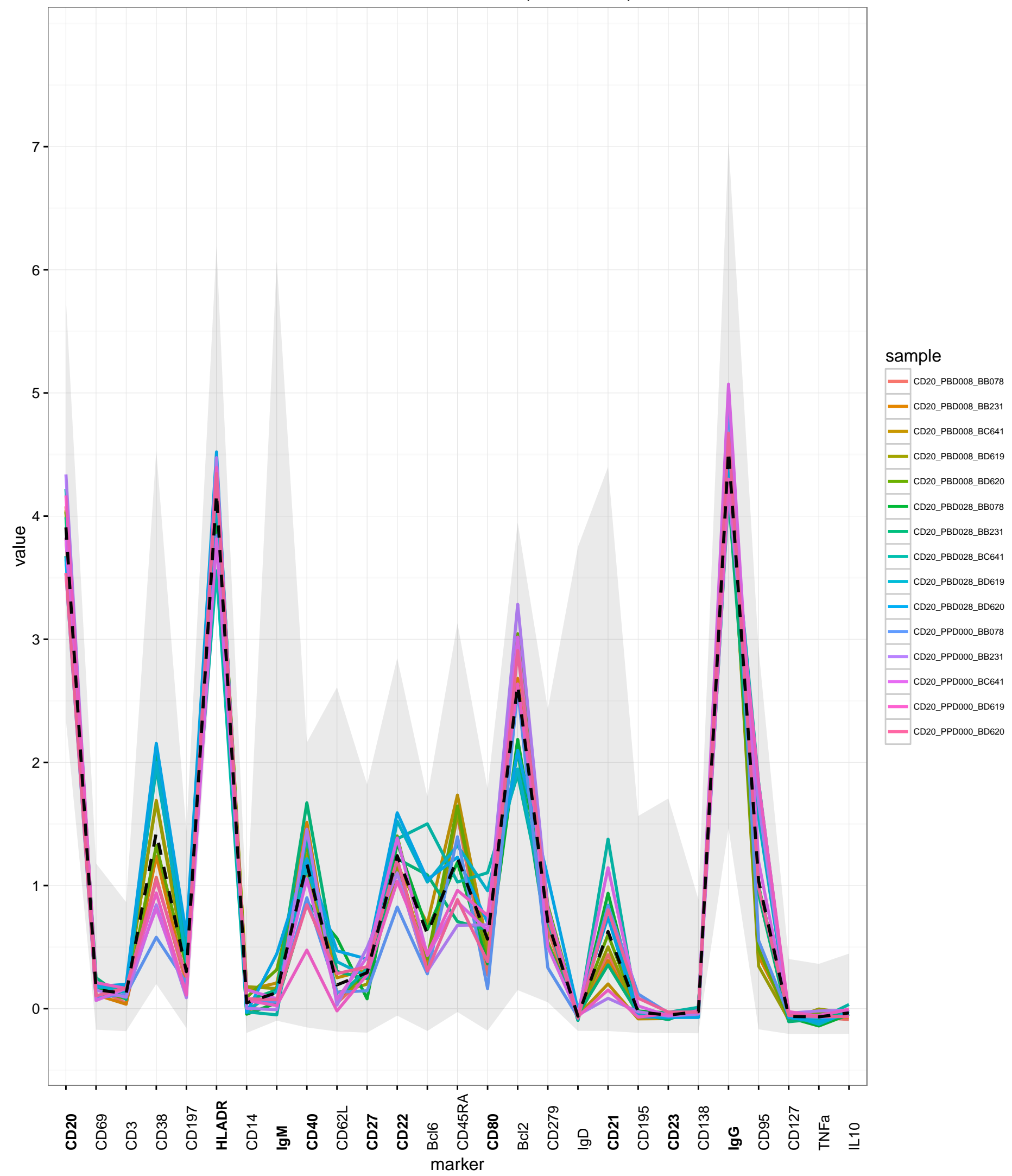
Pheno Viewer – cluster 11 (3 780 cells)



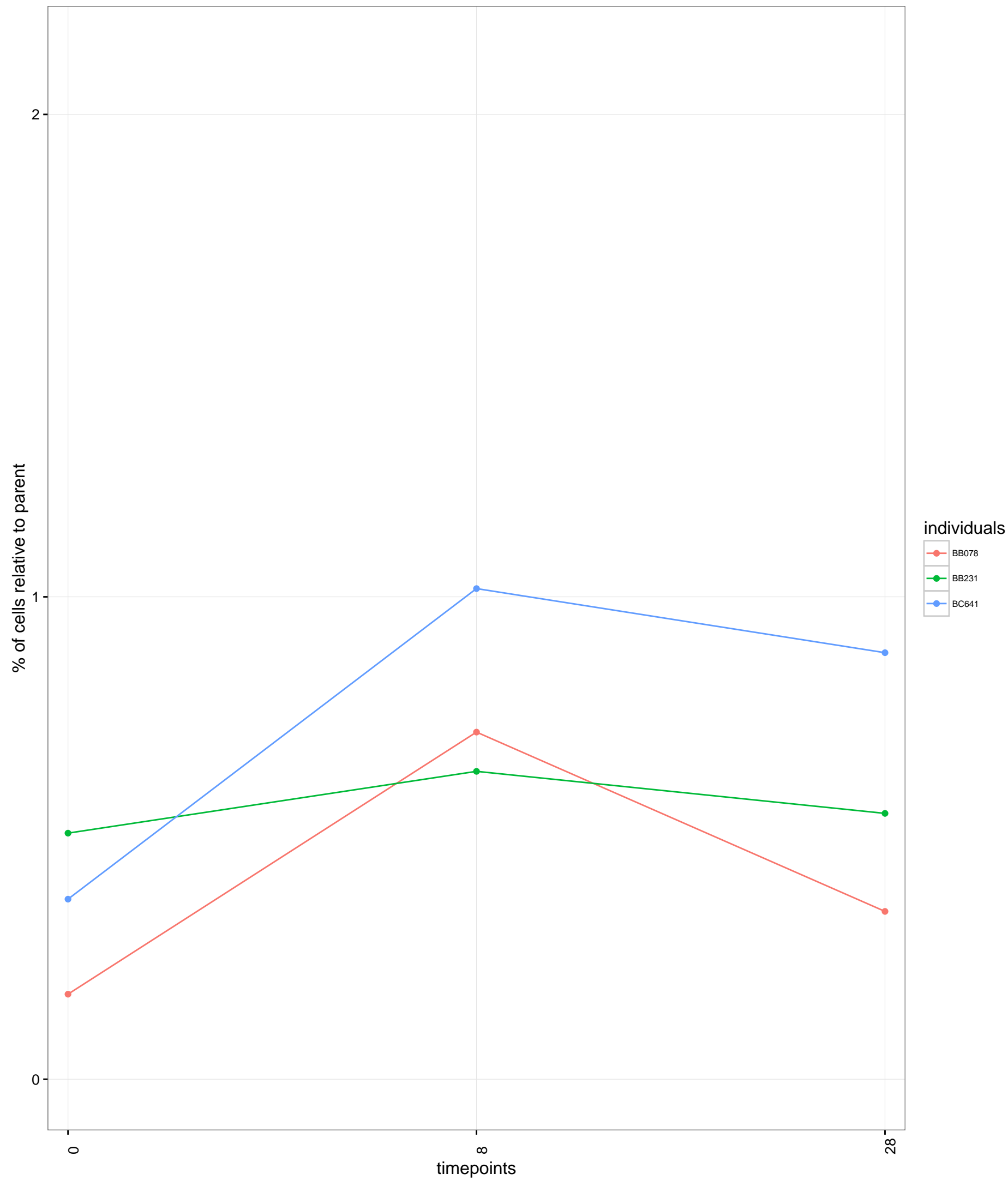
Kinetics Viewer – cluster 12 ( 581 cells)



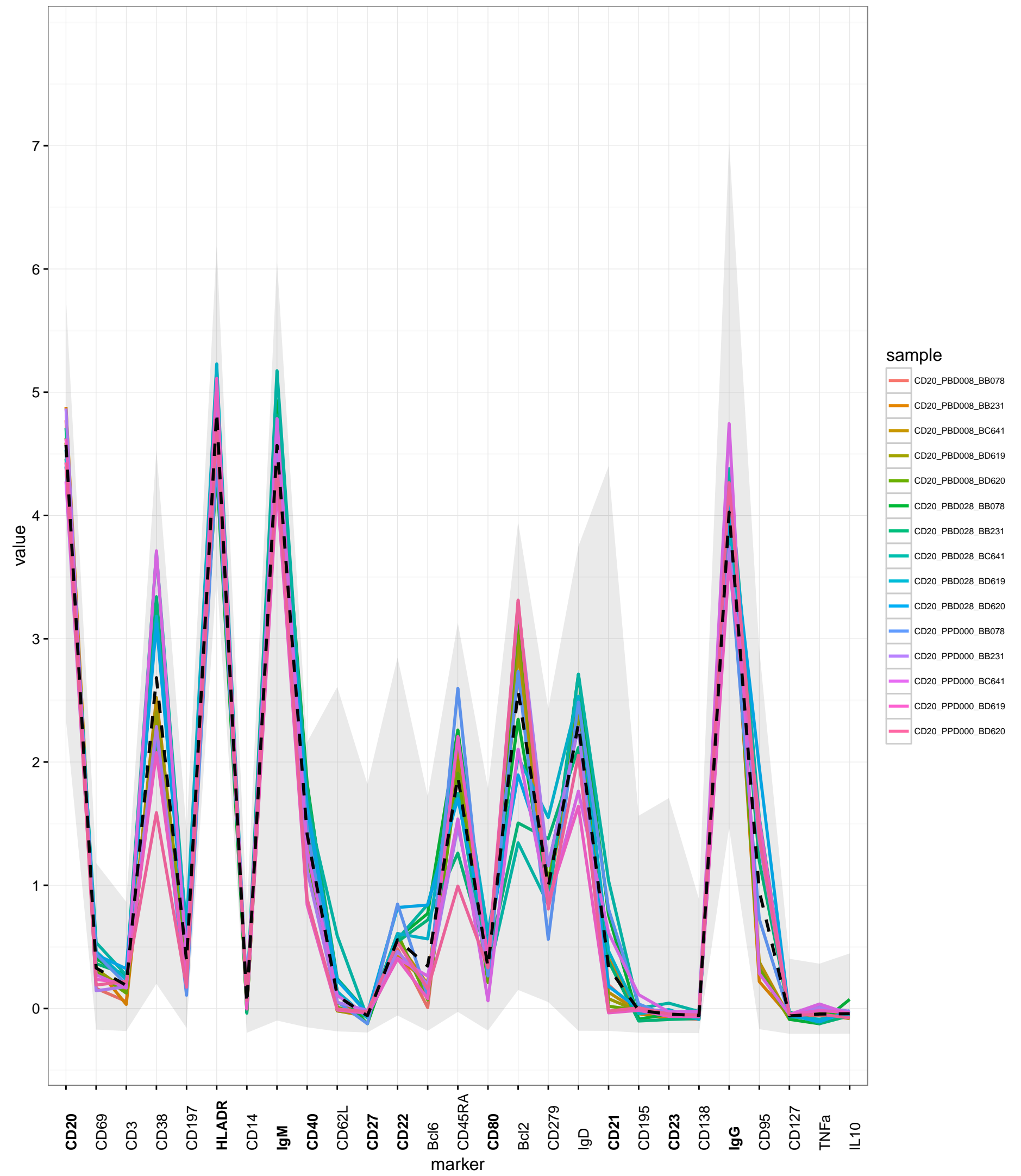
Pheno Viewer – cluster 12 (1 174 cells)



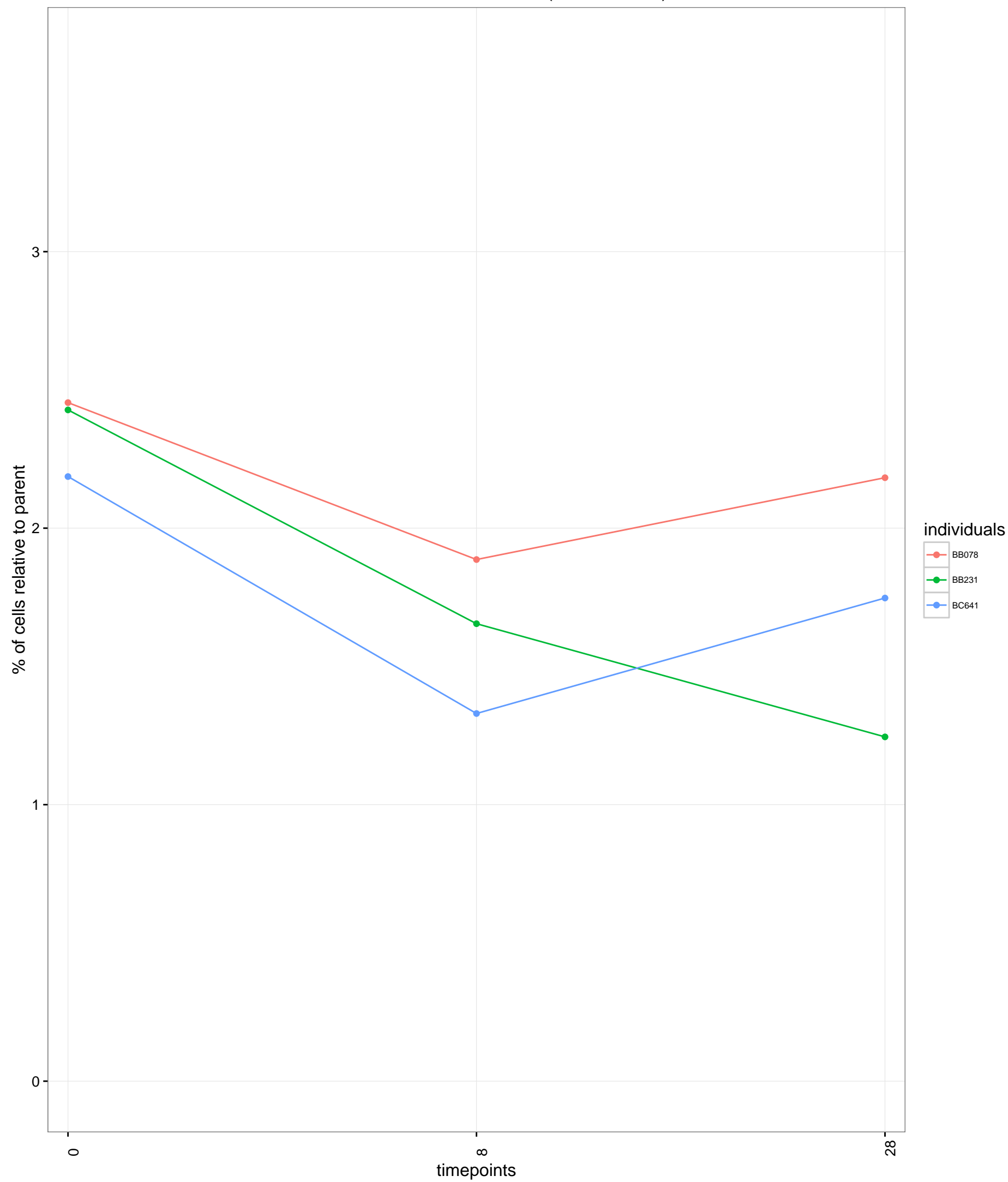
Kinetics Viewer – cluster 13 ( 608 cells)



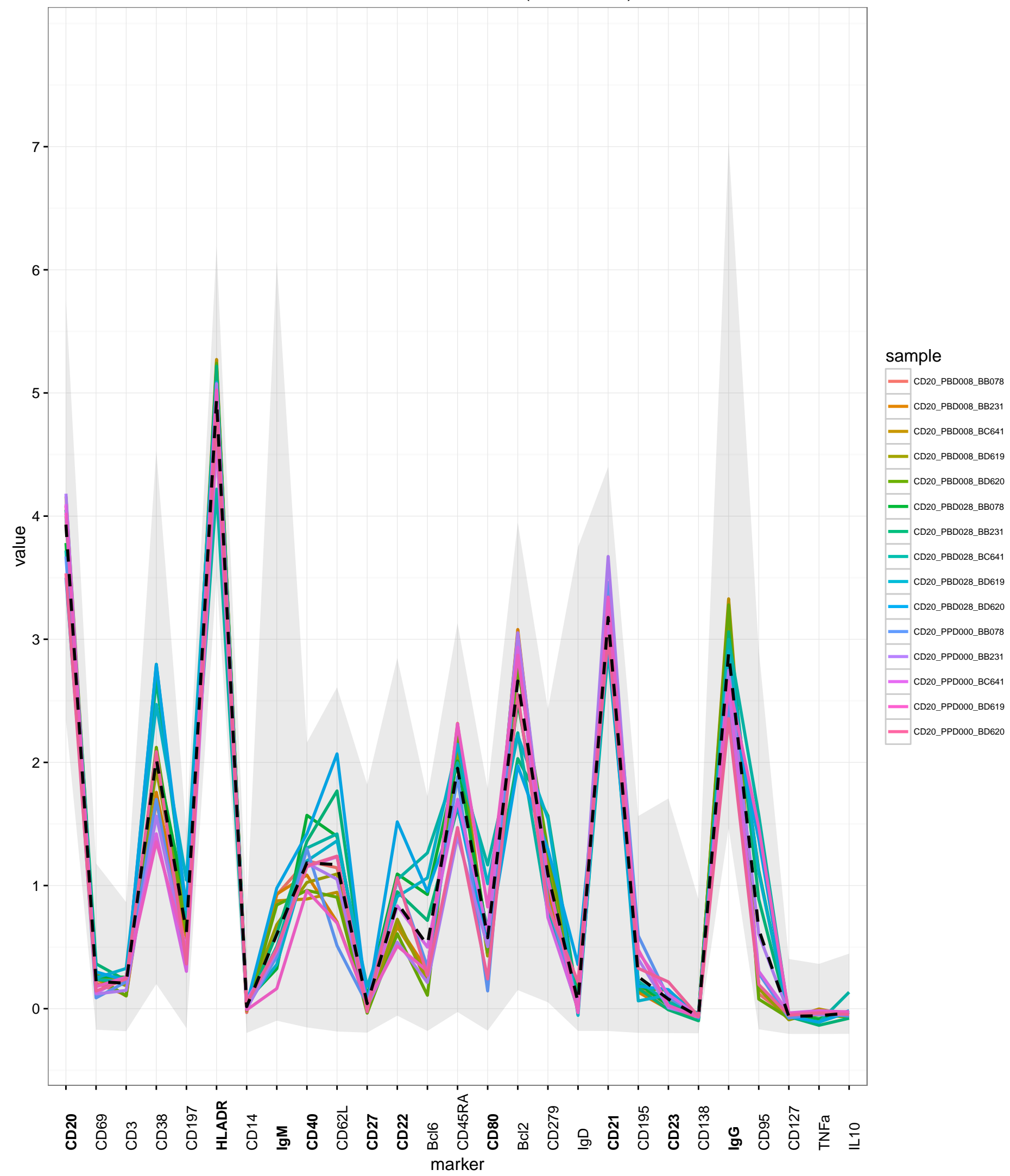
Pheno Viewer – cluster 13 (2 043 cells)



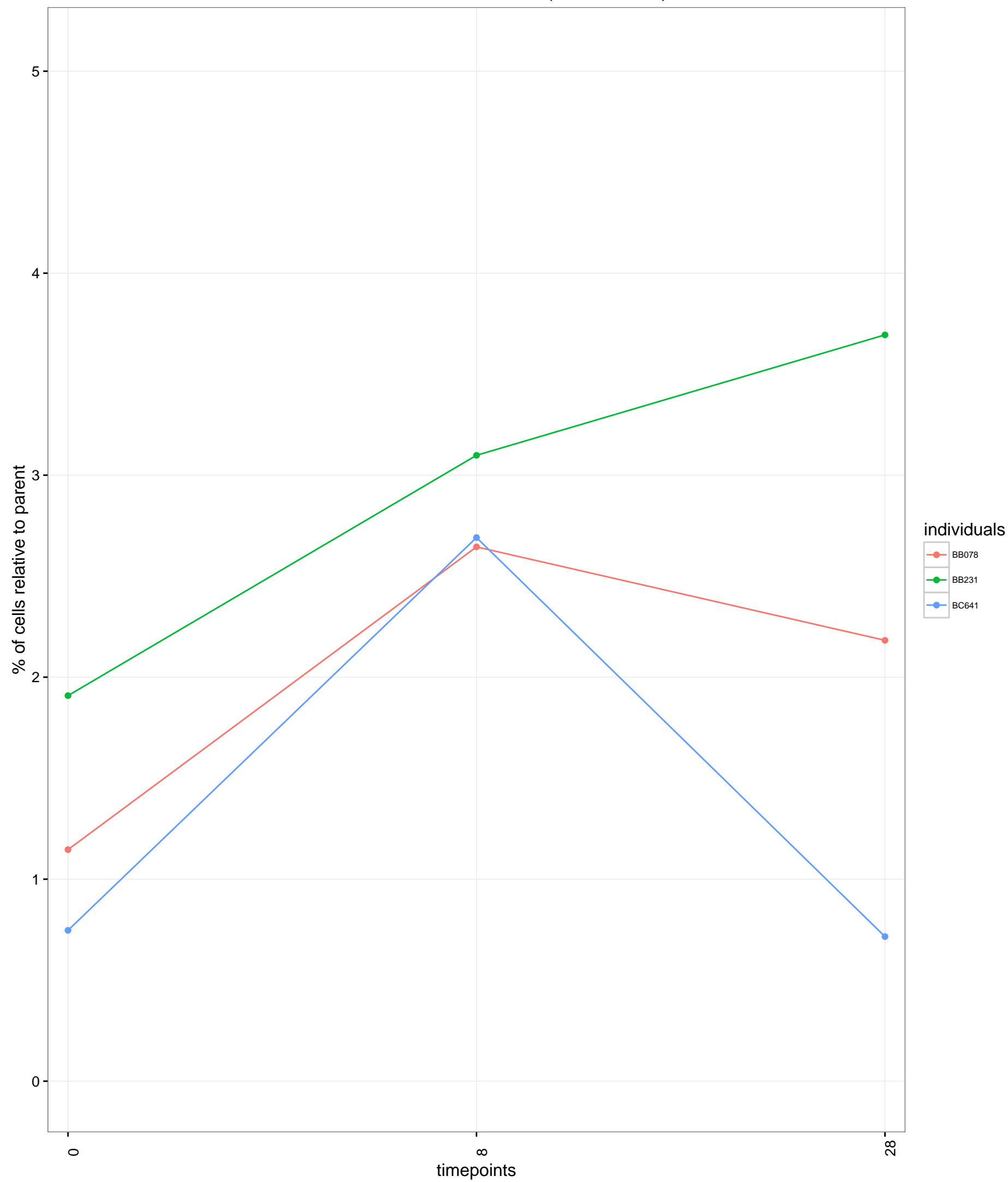
Kinetics Viewer – cluster 14 ( 1 677 cells)



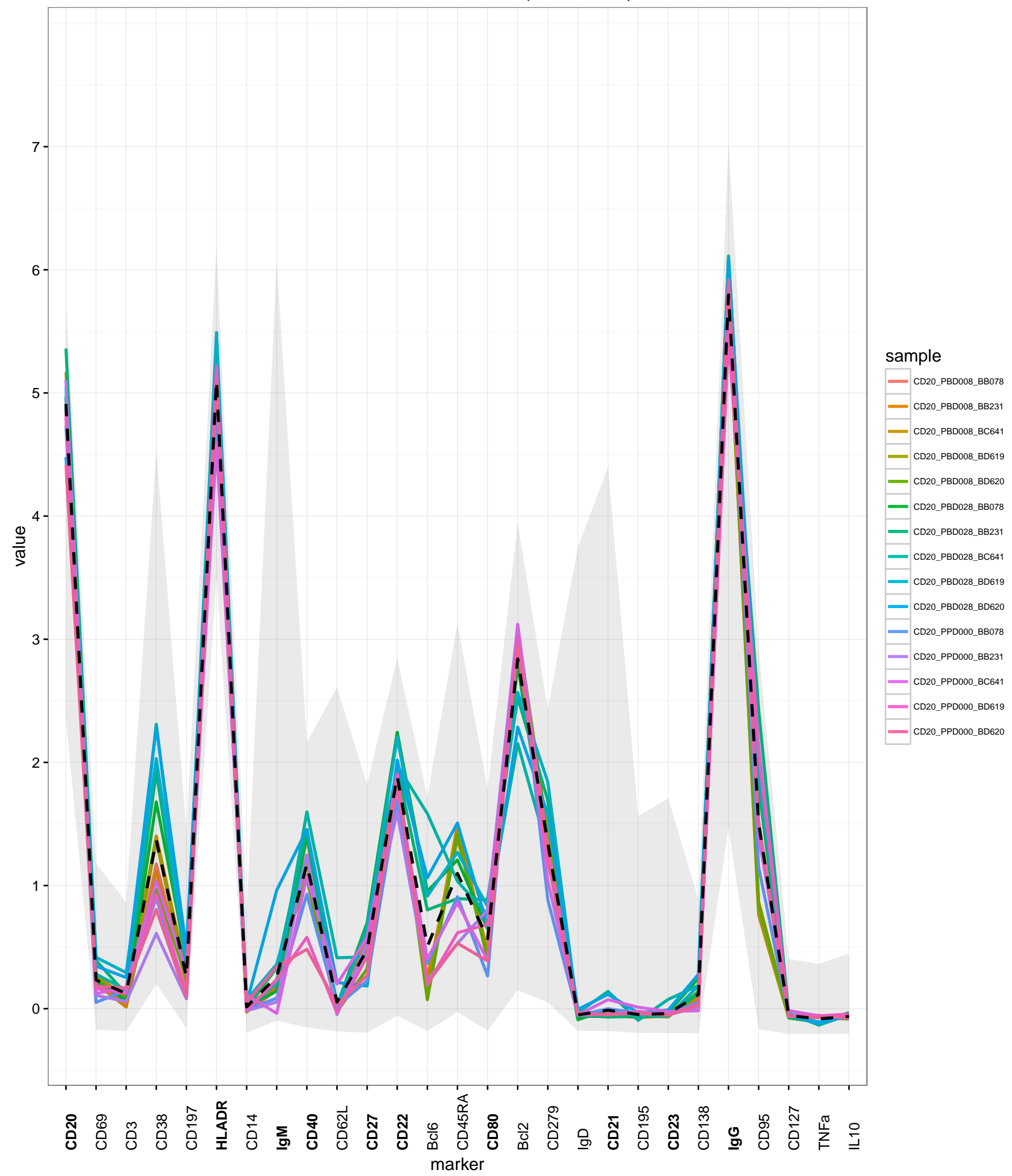
Pheno Viewer – cluster 14 (3 440 cells)



Kinetics Viewer – cluster 15 ( 2 273 cells)

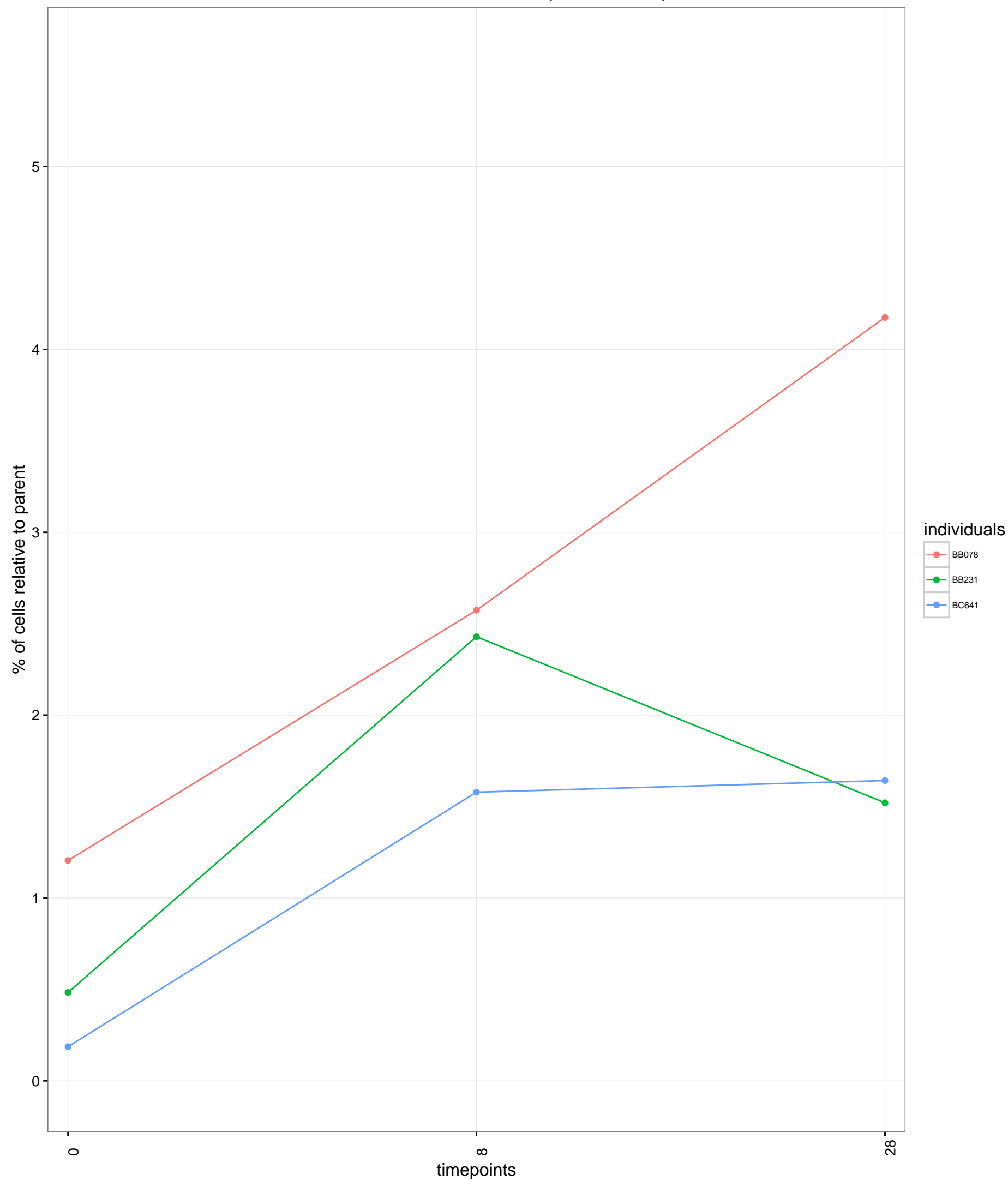


Pheno Viewer – cluster 15 (5 002 cells)

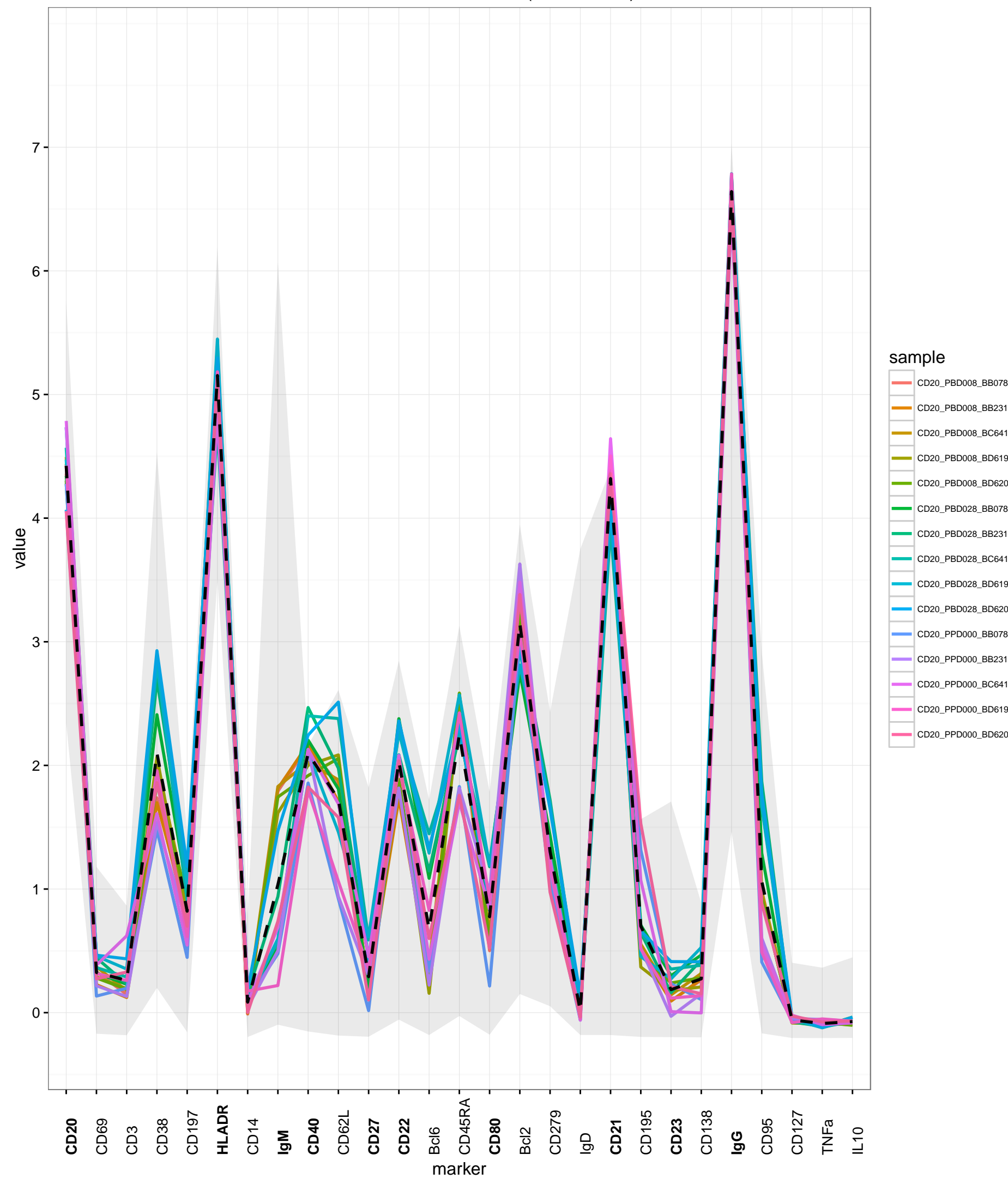




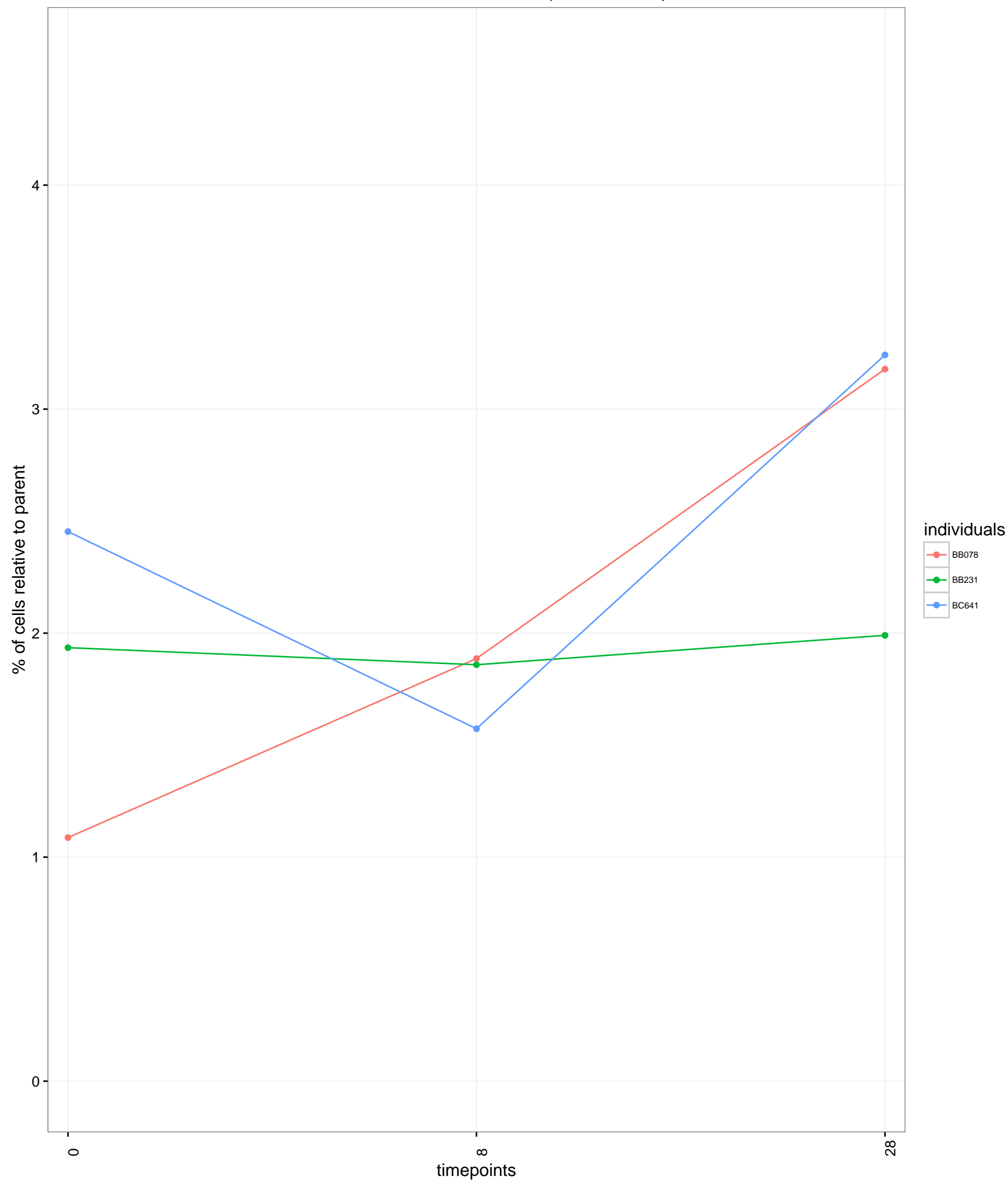
Kinetics Viewer – cluster 16 ( 1 722 cells)



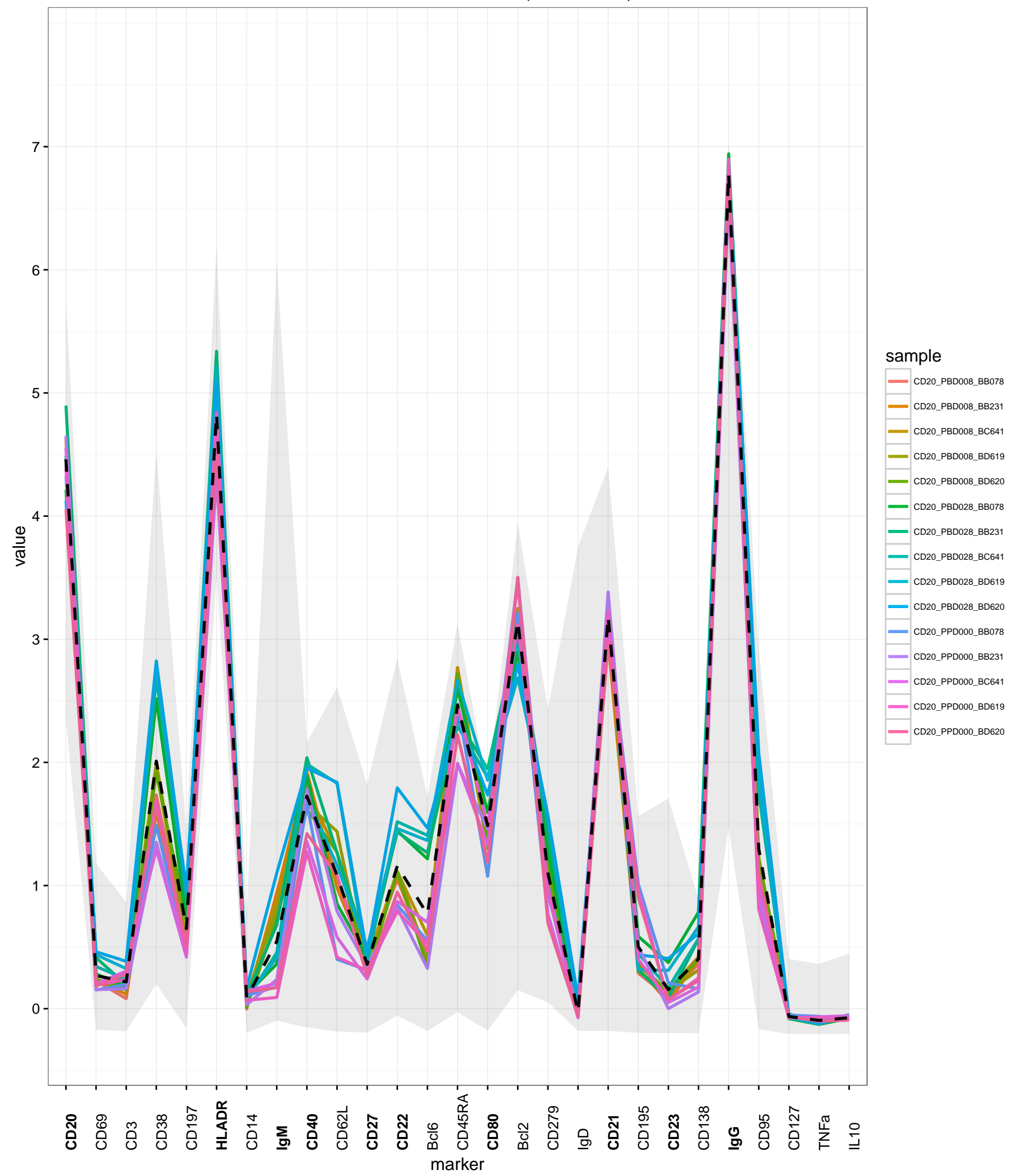
Pheno Viewer – cluster 16 (3 072 cells)



Kinetics Viewer – cluster 17 ( 1 824 cells)

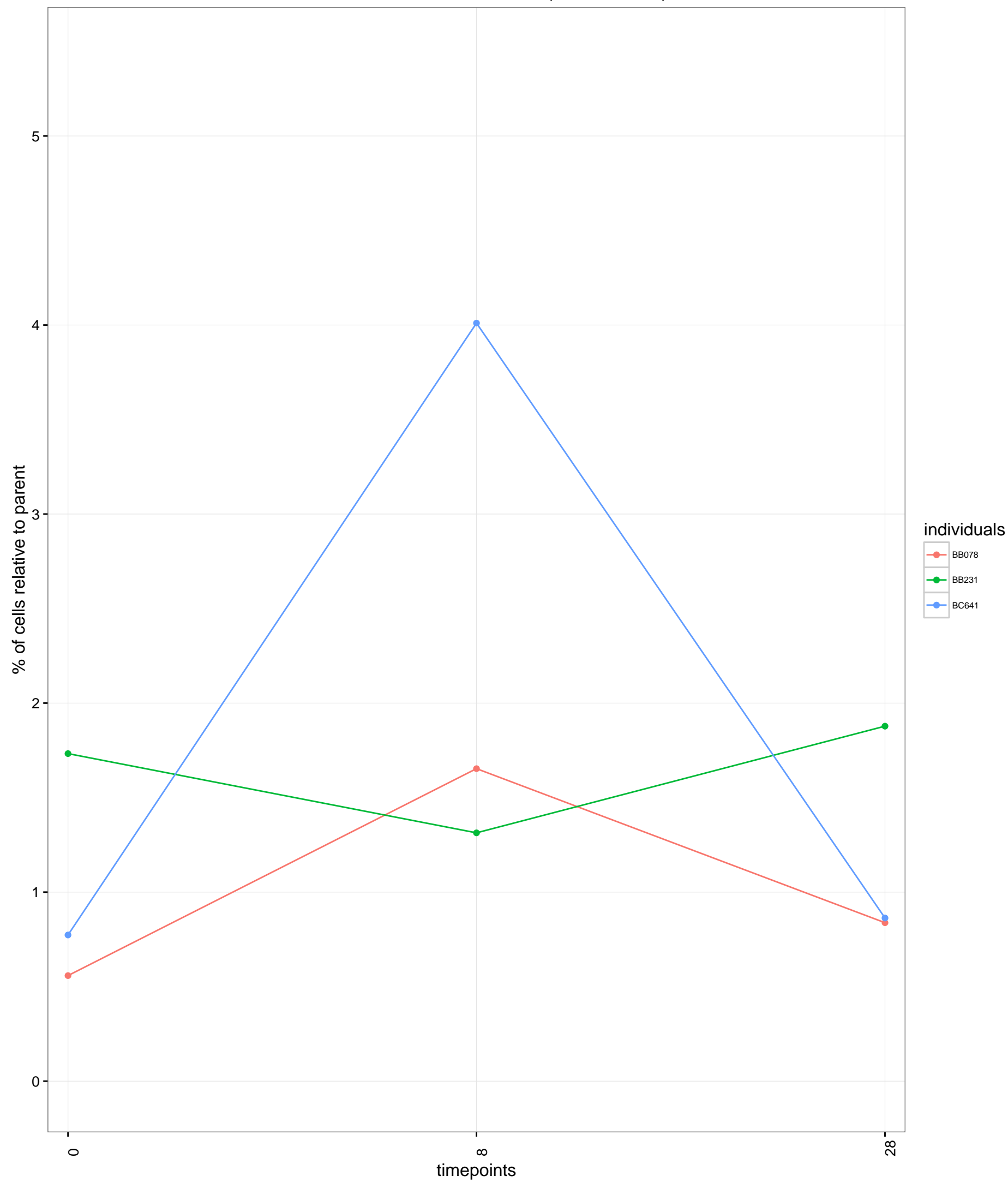


Pheno Viewer – cluster 17 (3 400 cells)

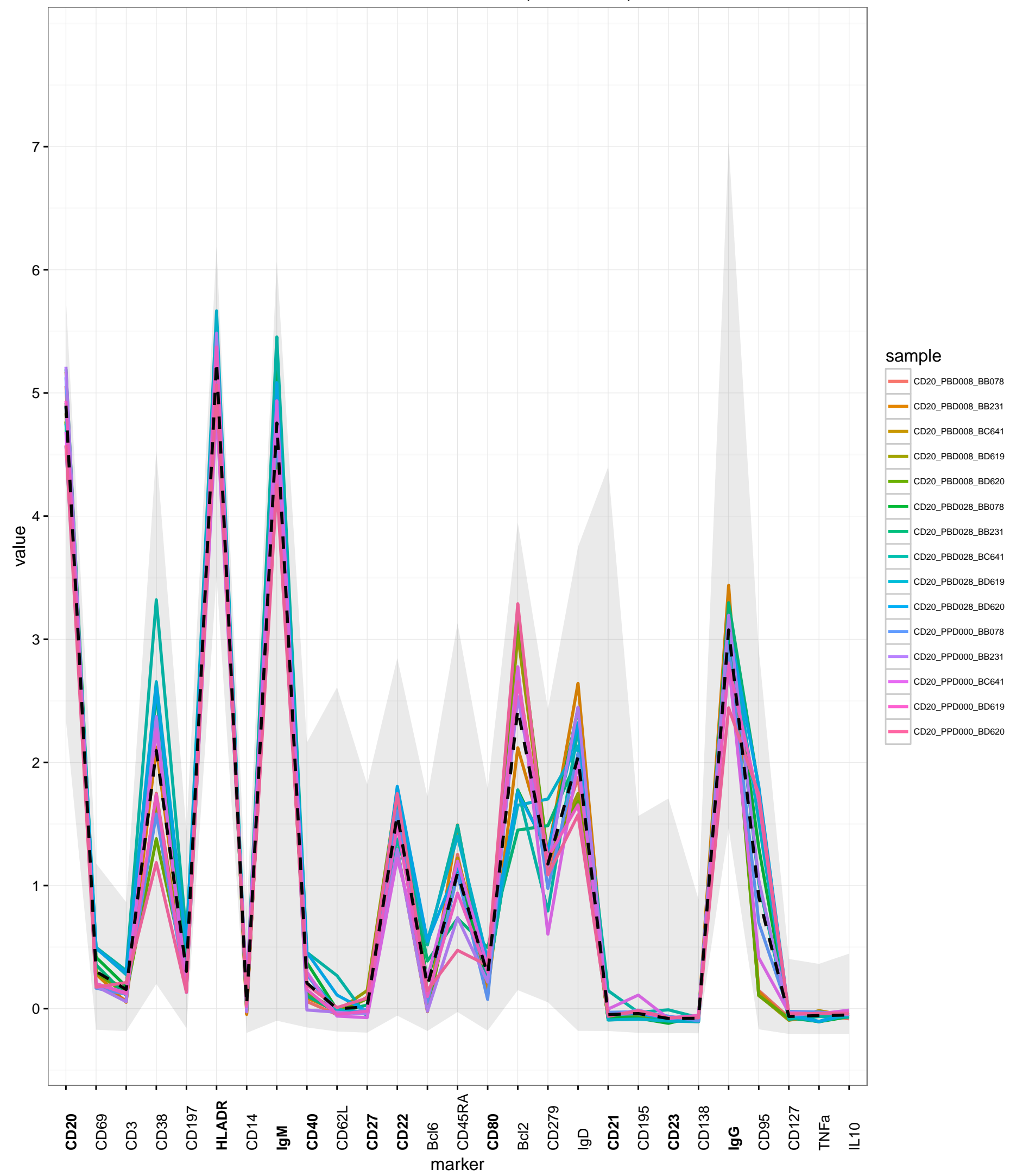




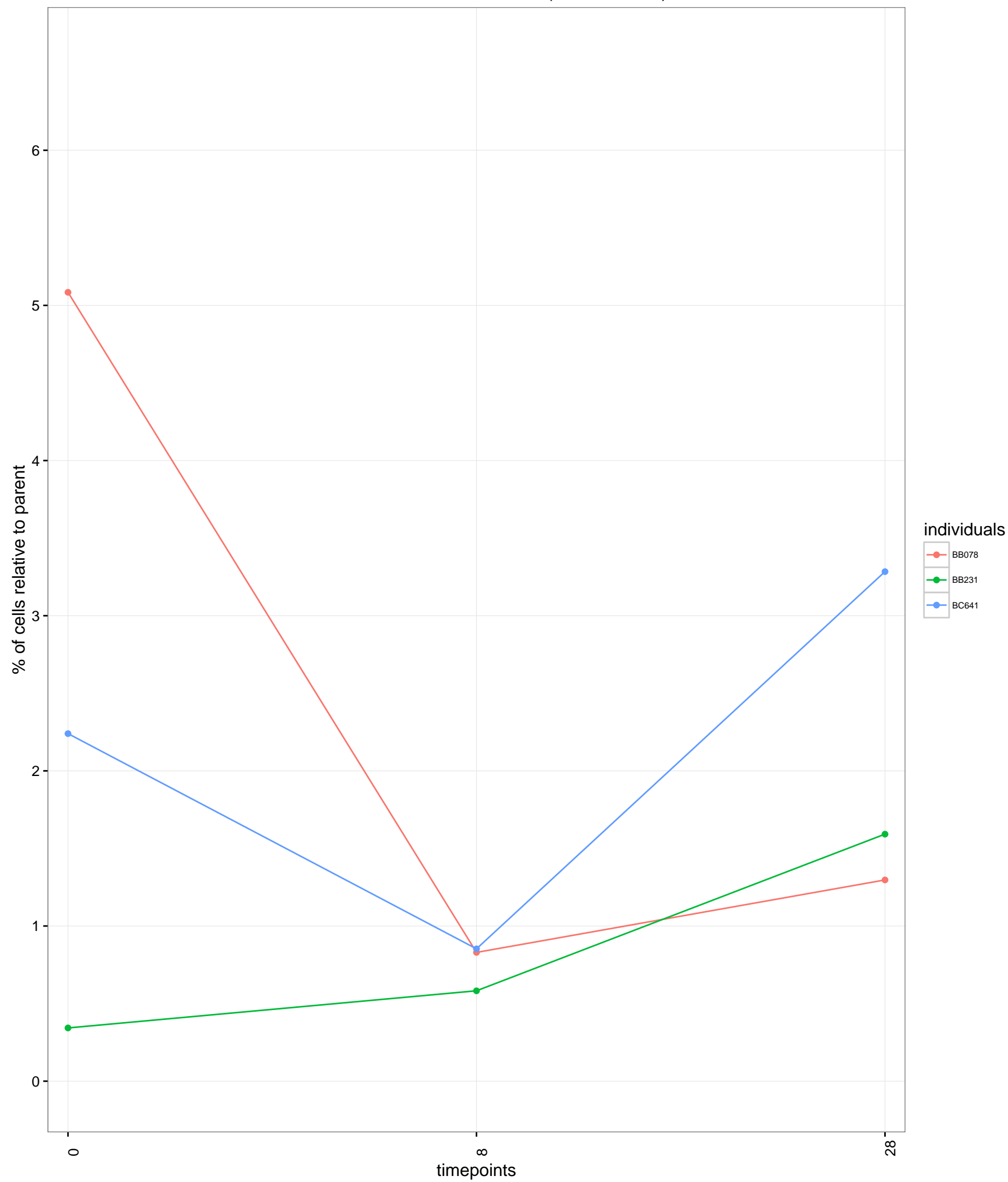
Kinetics Viewer – cluster 18 ( 1 766 cells)



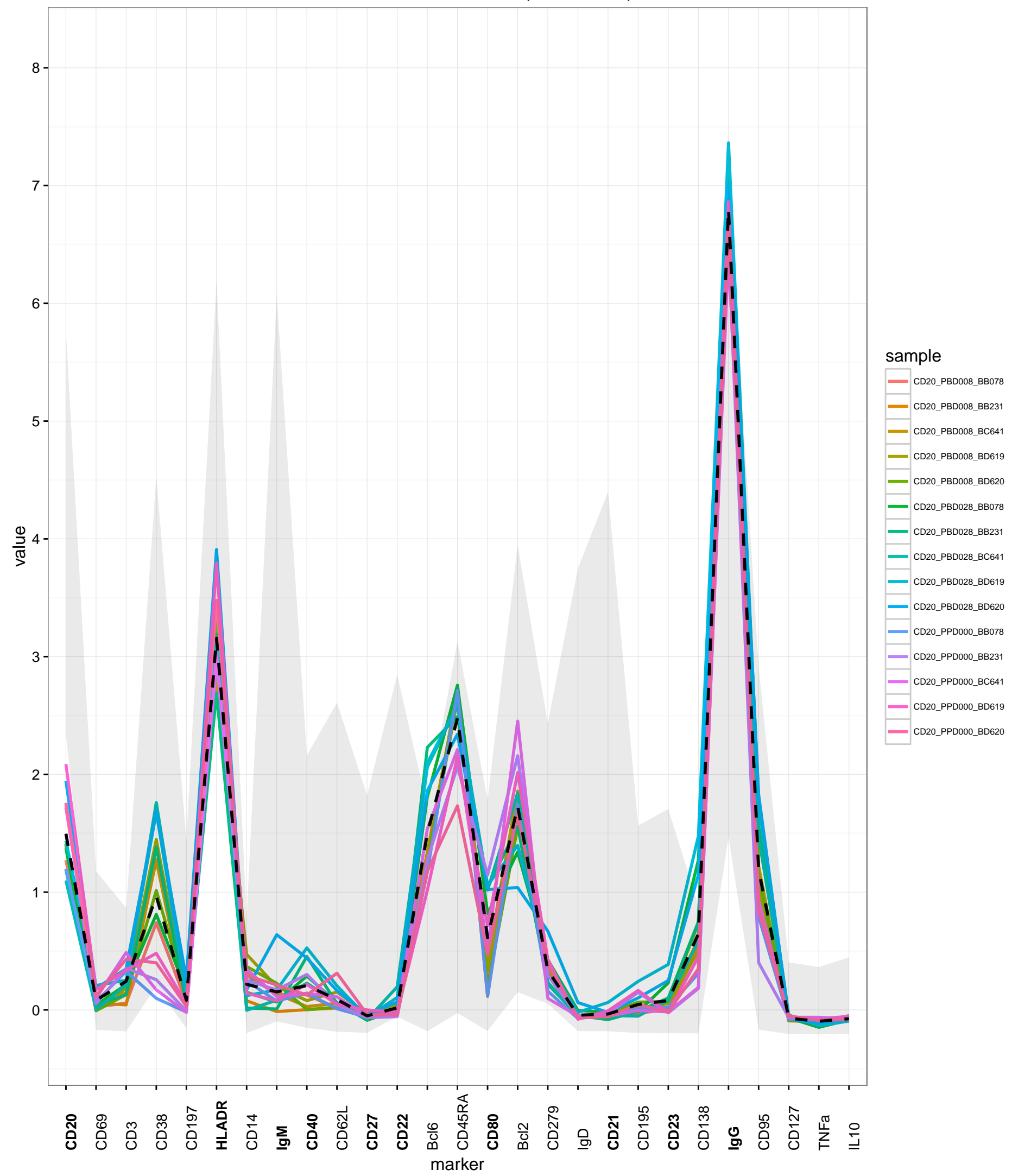
Pheno Viewer – cluster 18 (8 082 cells)



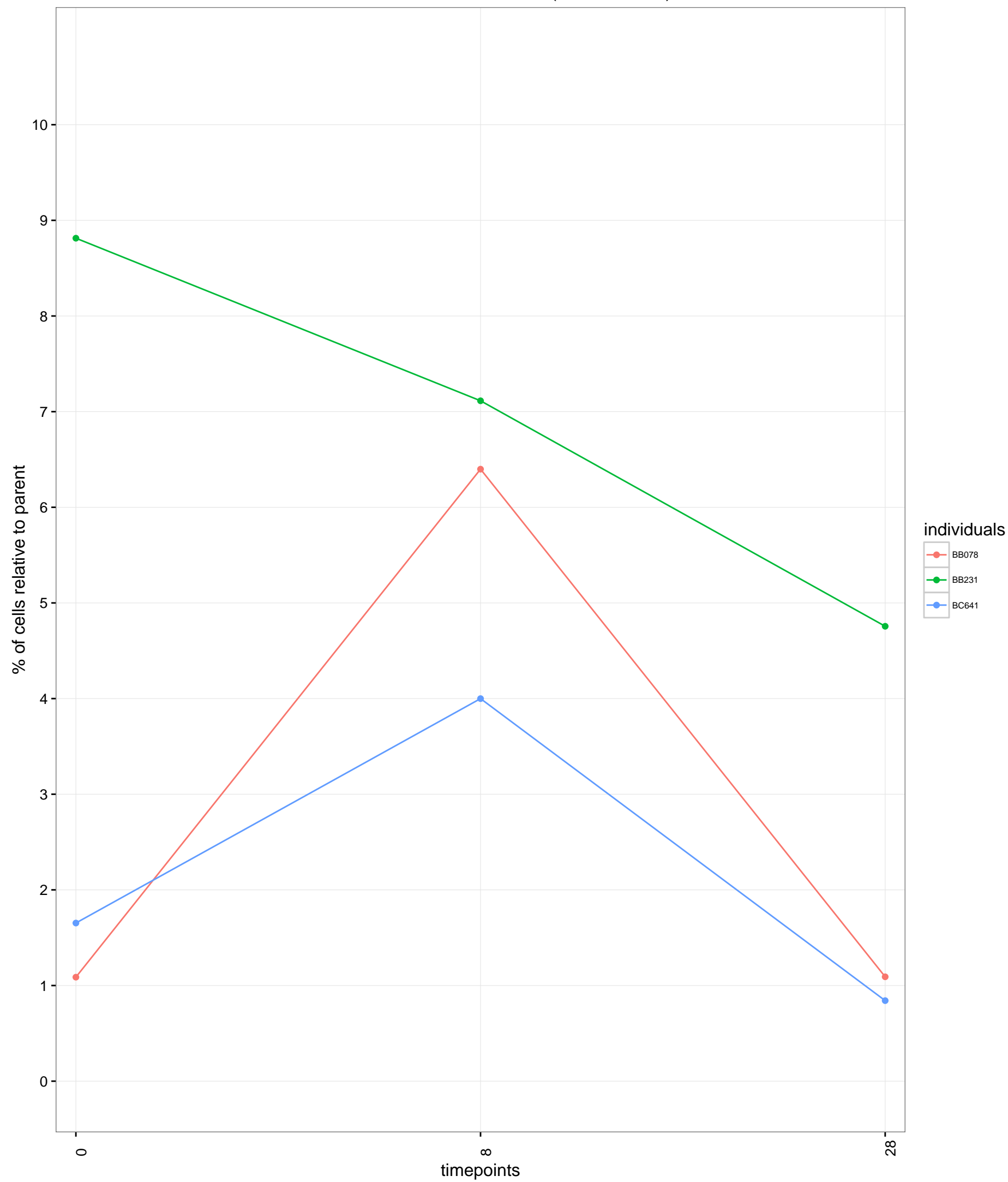
Kinetics Viewer – cluster 19 ( 1 246 cells)



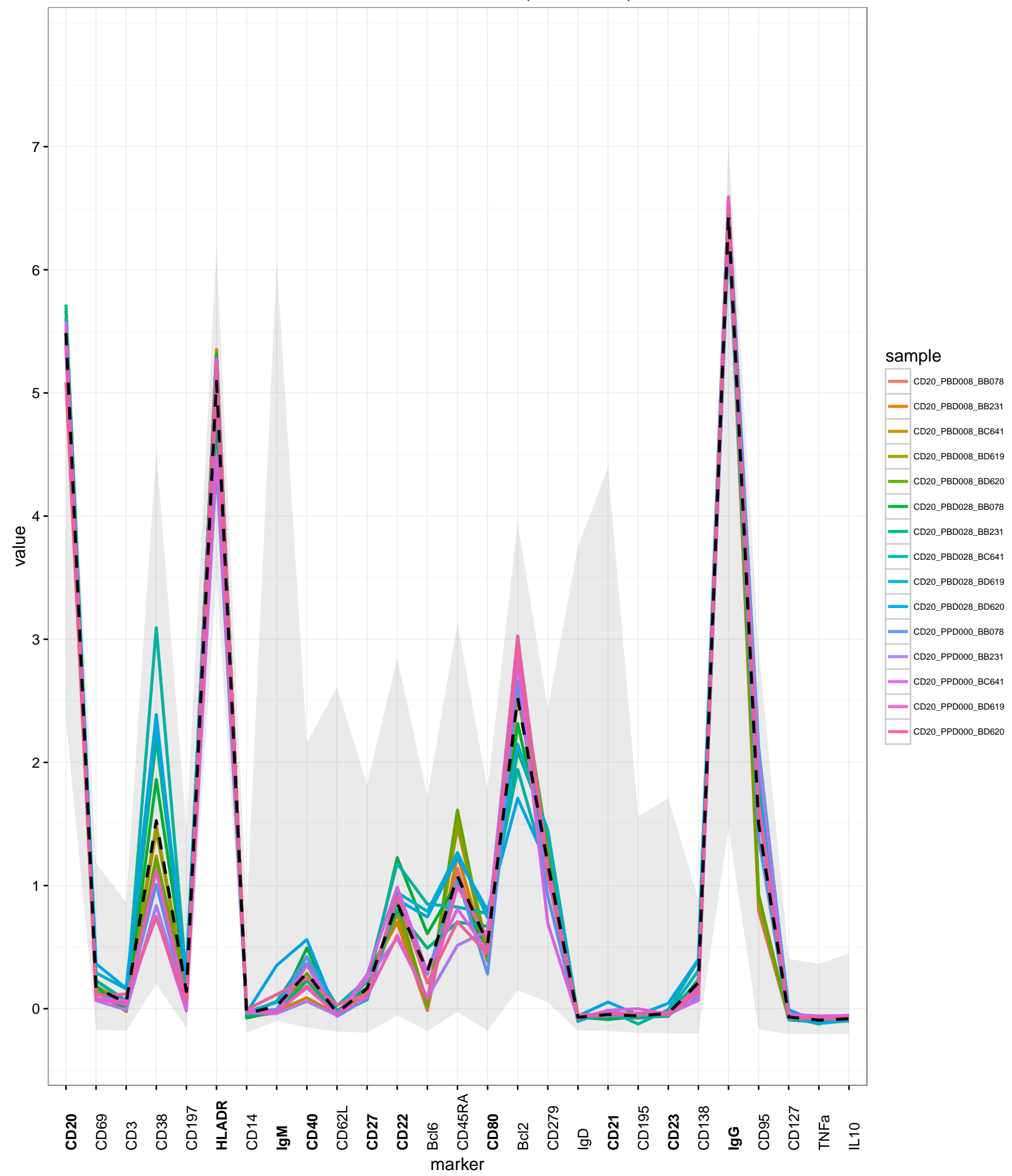
Pheno Viewer – cluster 19 (2 176 cells)



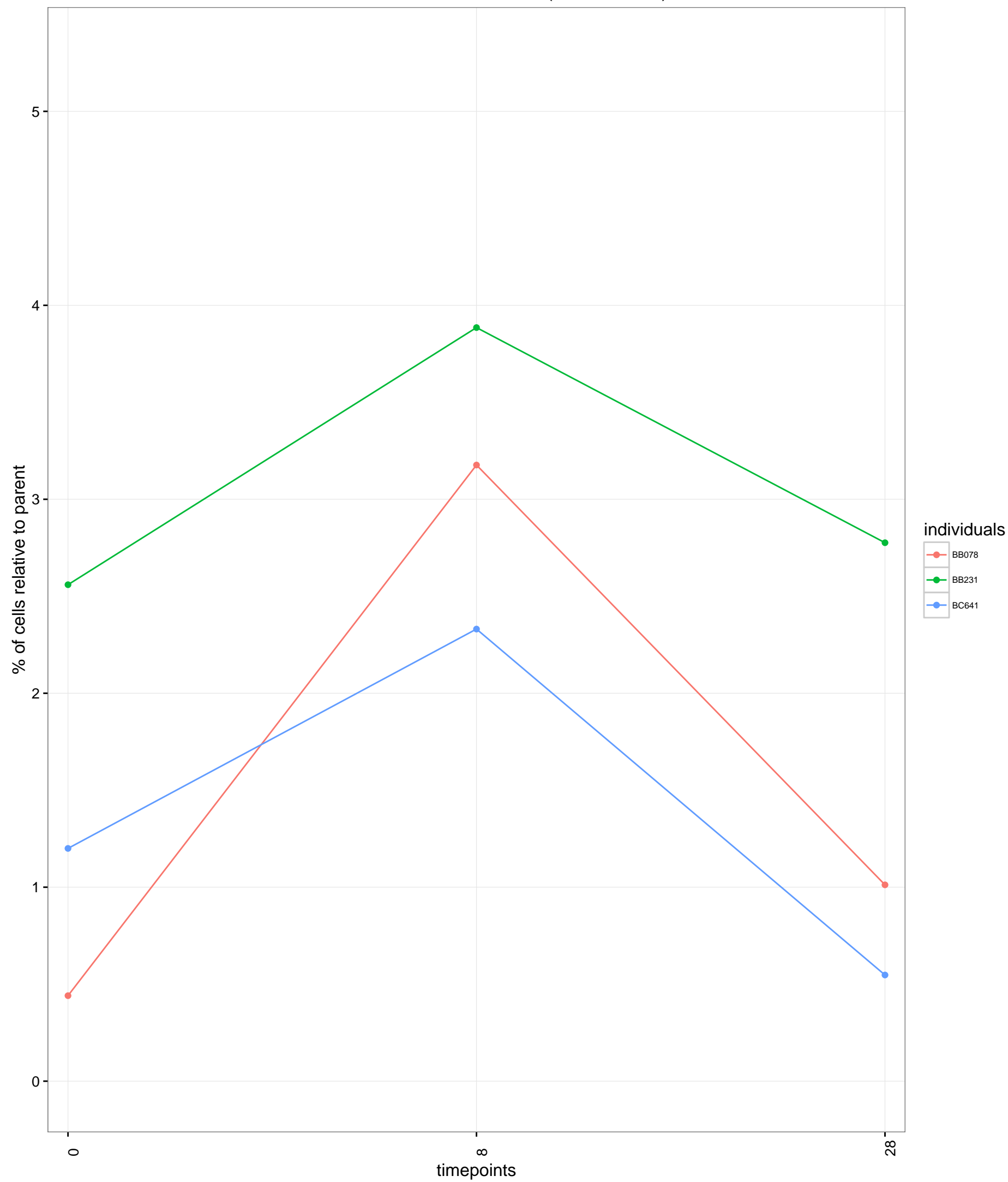
Kinetics Viewer – cluster 20 ( 4 603 cells)



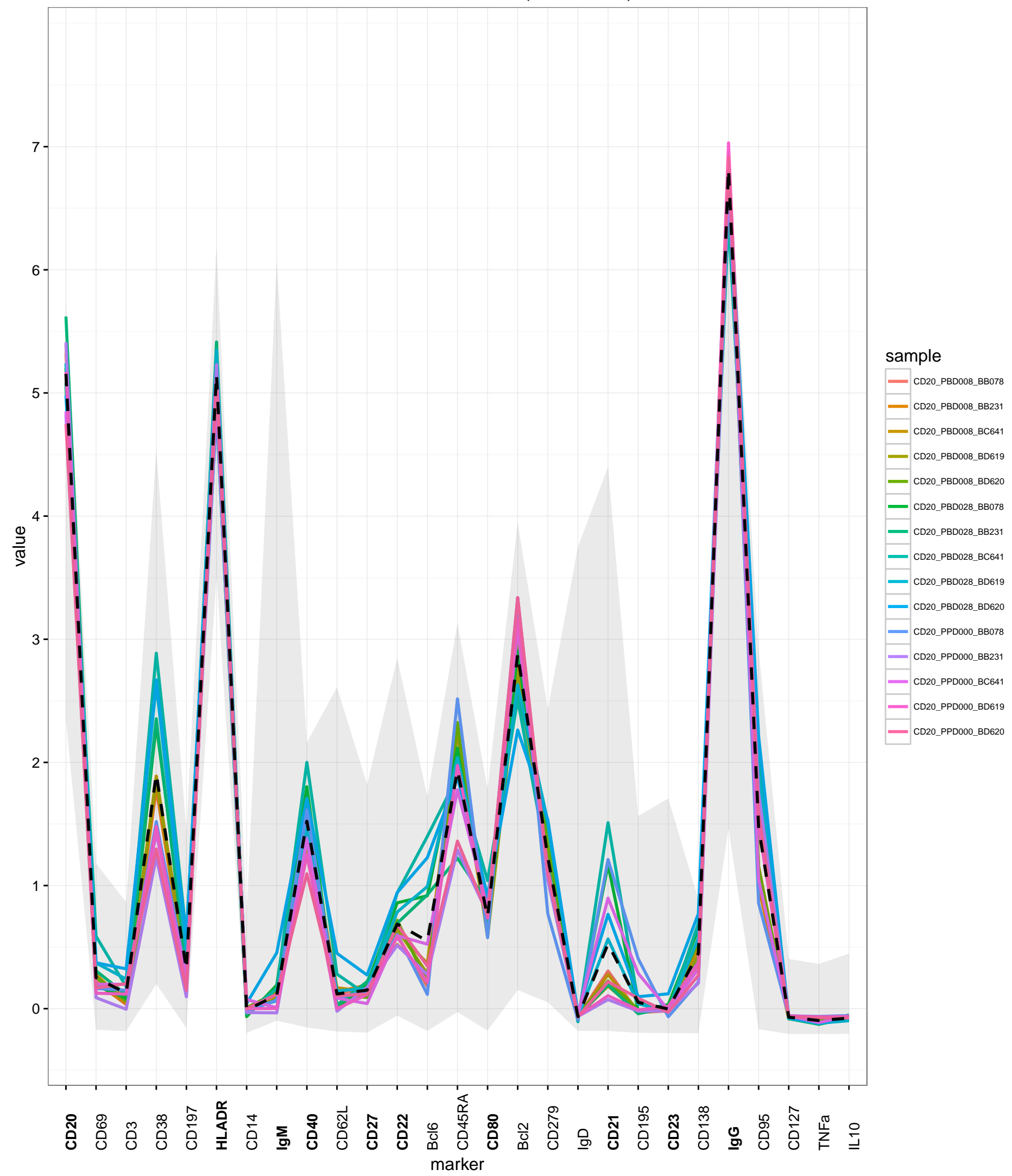
Pheno Viewer – cluster 20 (8 711 cells)



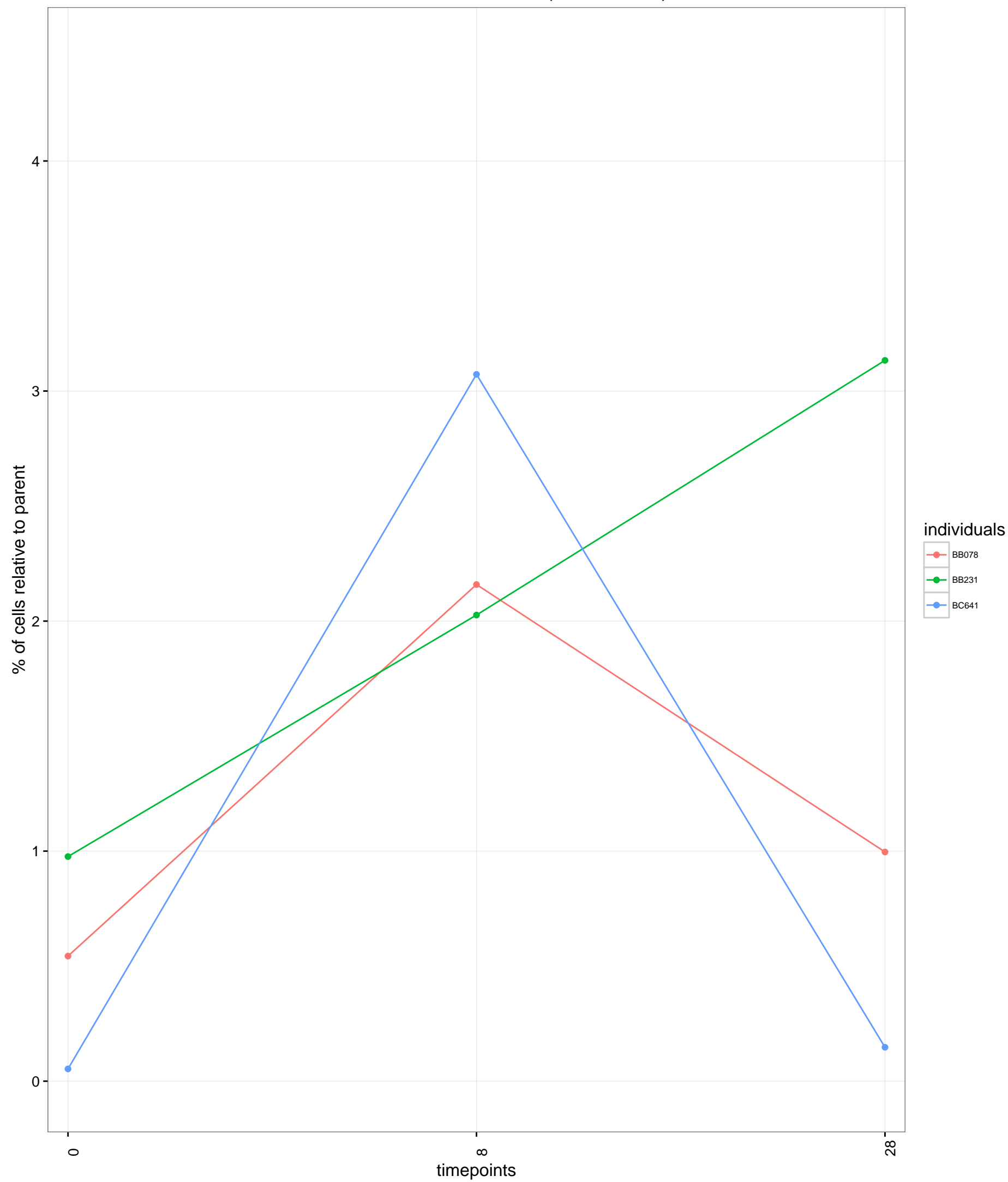
Kinetics Viewer – cluster 21 ( 2 285 cells)



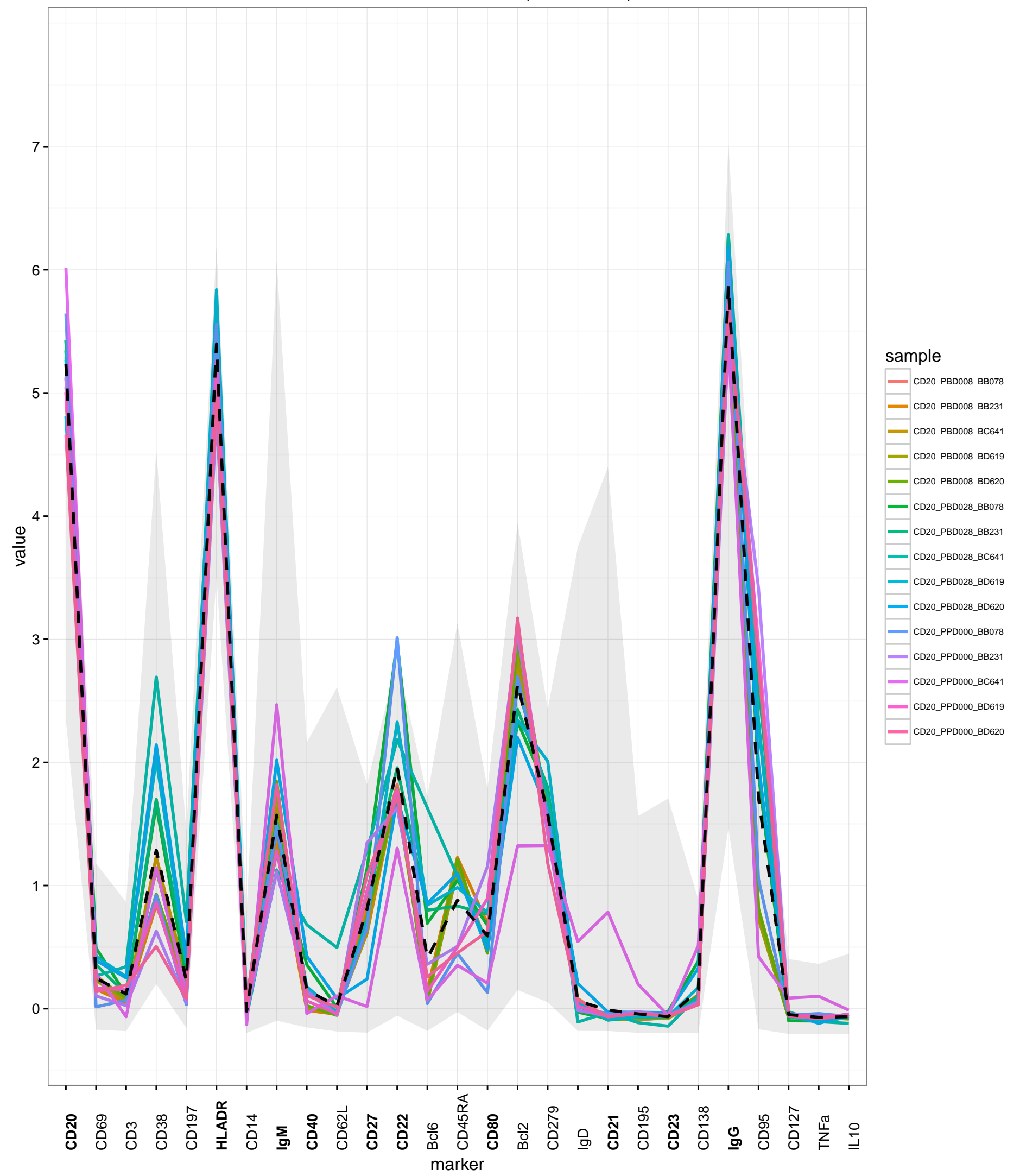
Pheno Viewer – cluster 21 (3 982 cells)



Kinetics Viewer – cluster 22 ( 1 767 cells)

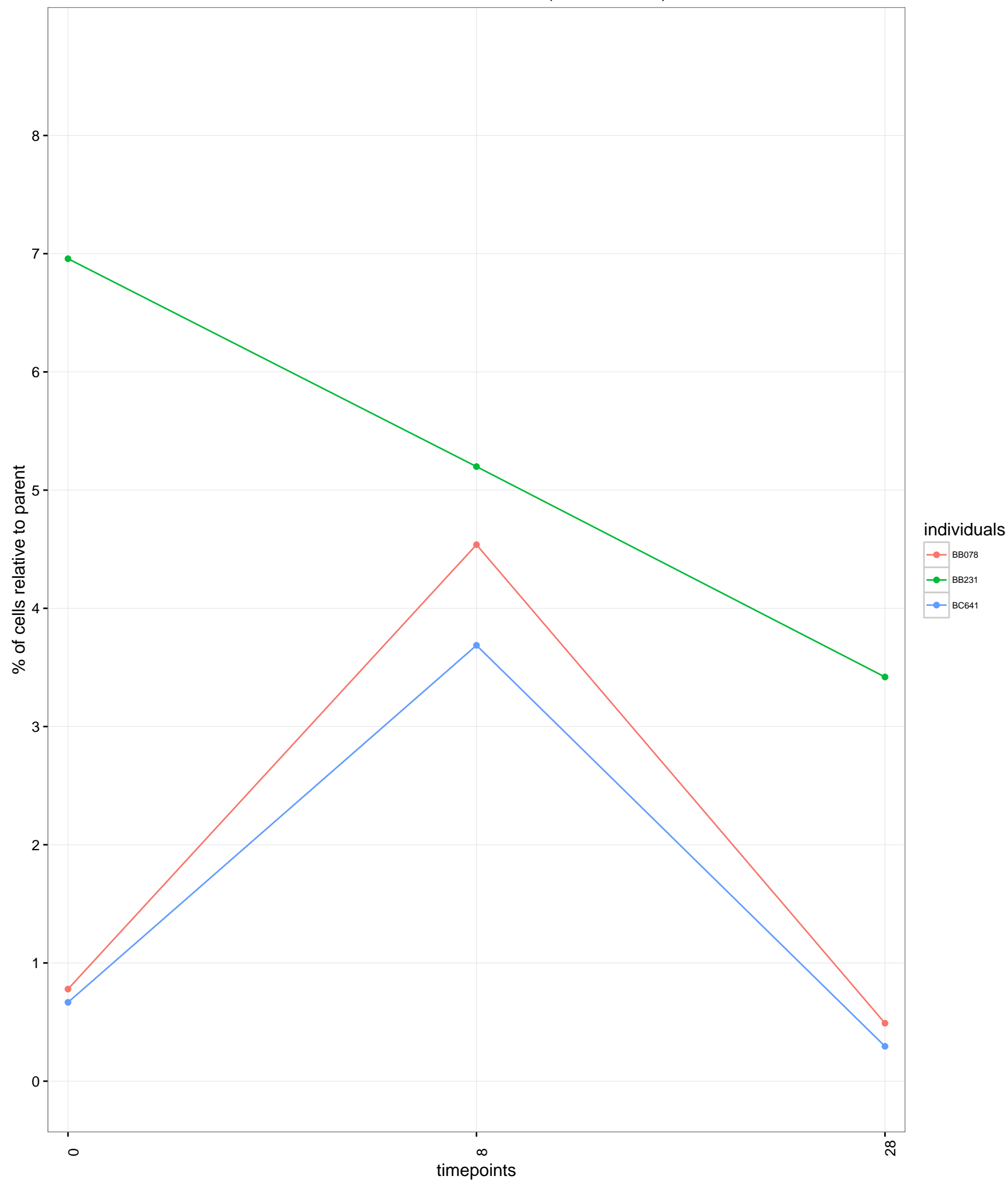


Pheno Viewer – cluster 22 (5 665 cells)

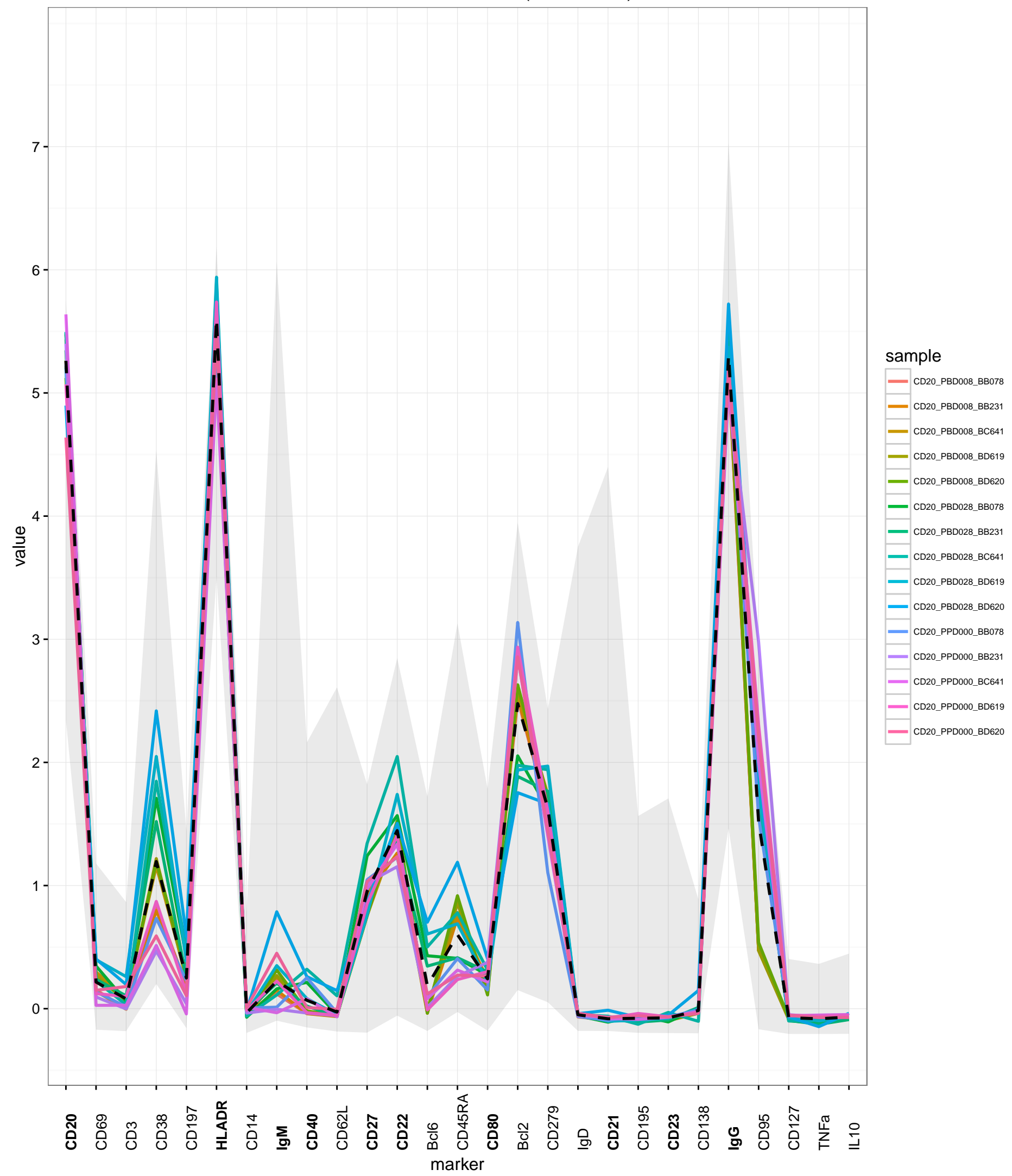




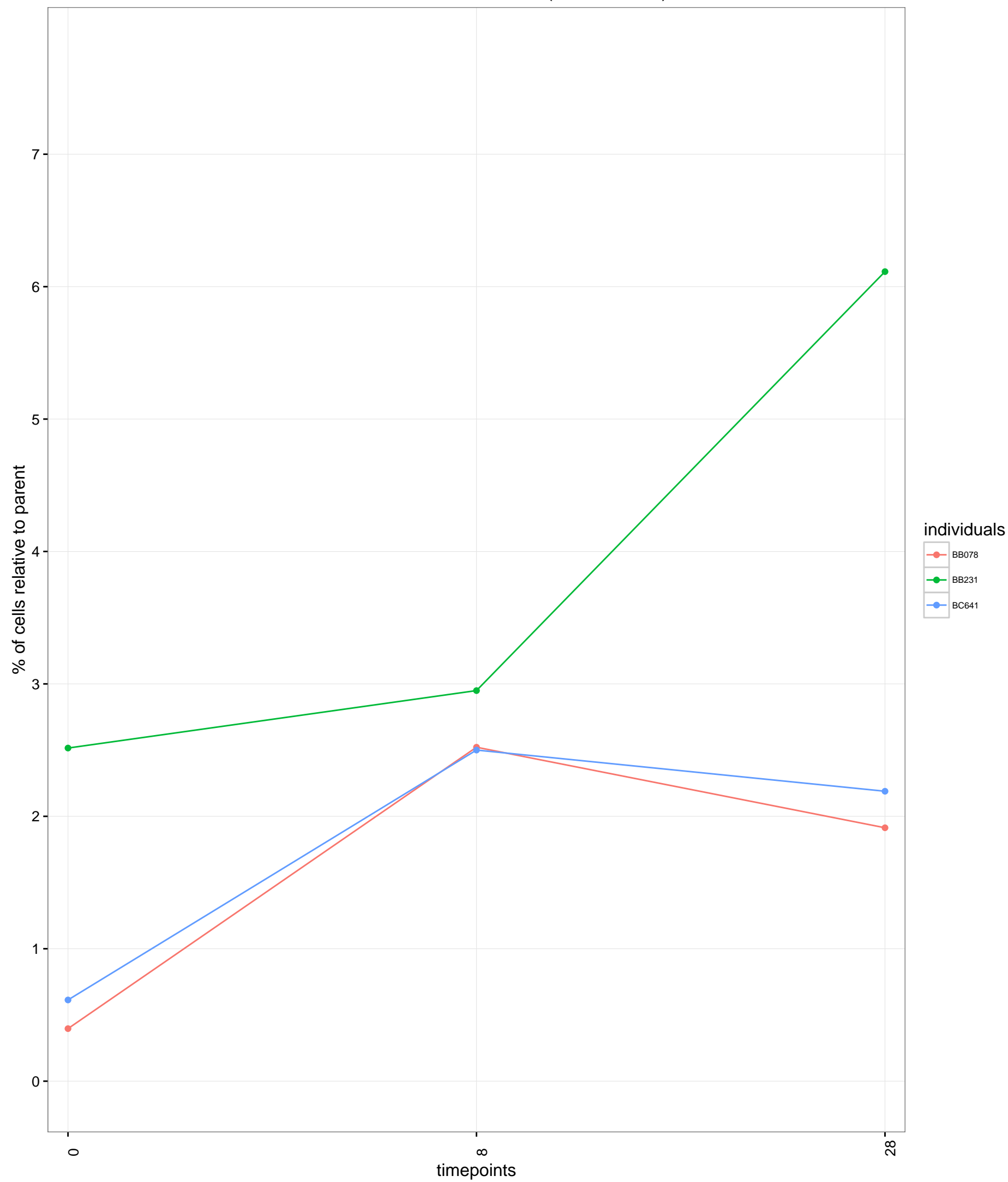
Kinetics Viewer – cluster 23 ( 3 484 cells)



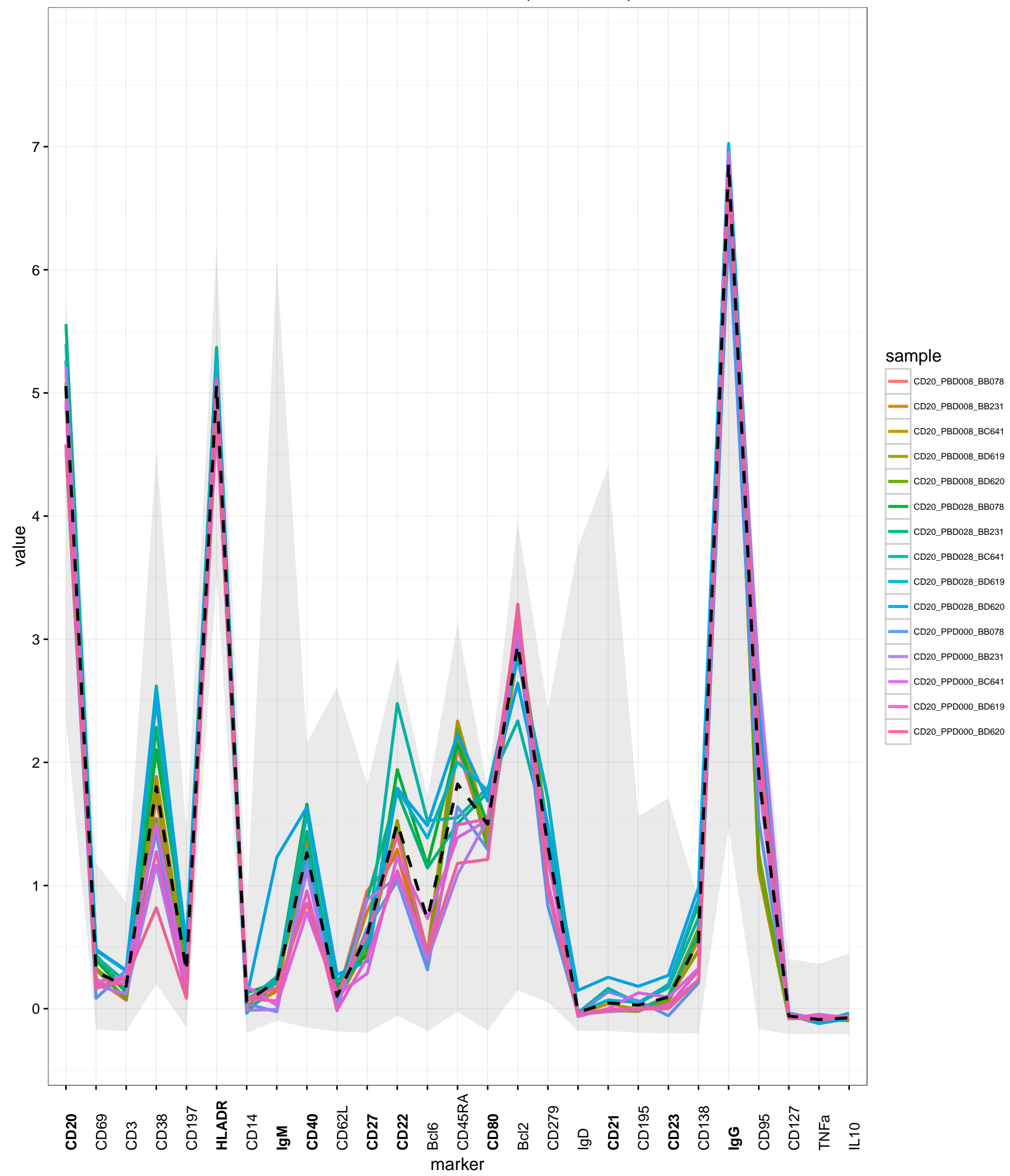
Pheno Viewer – cluster 23 (6 917 cells)



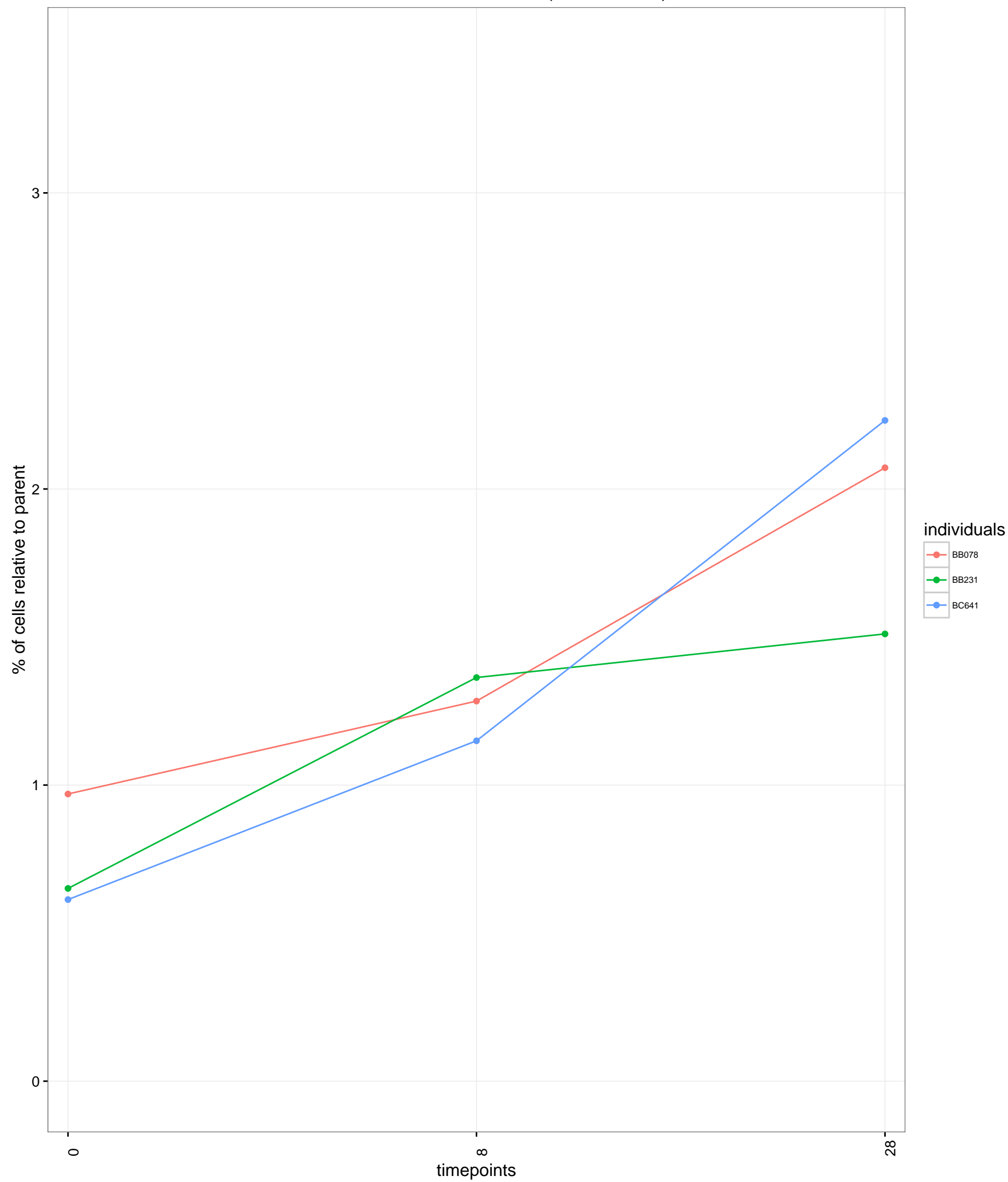
Kinetics Viewer – cluster 24 ( 2 497 cells)



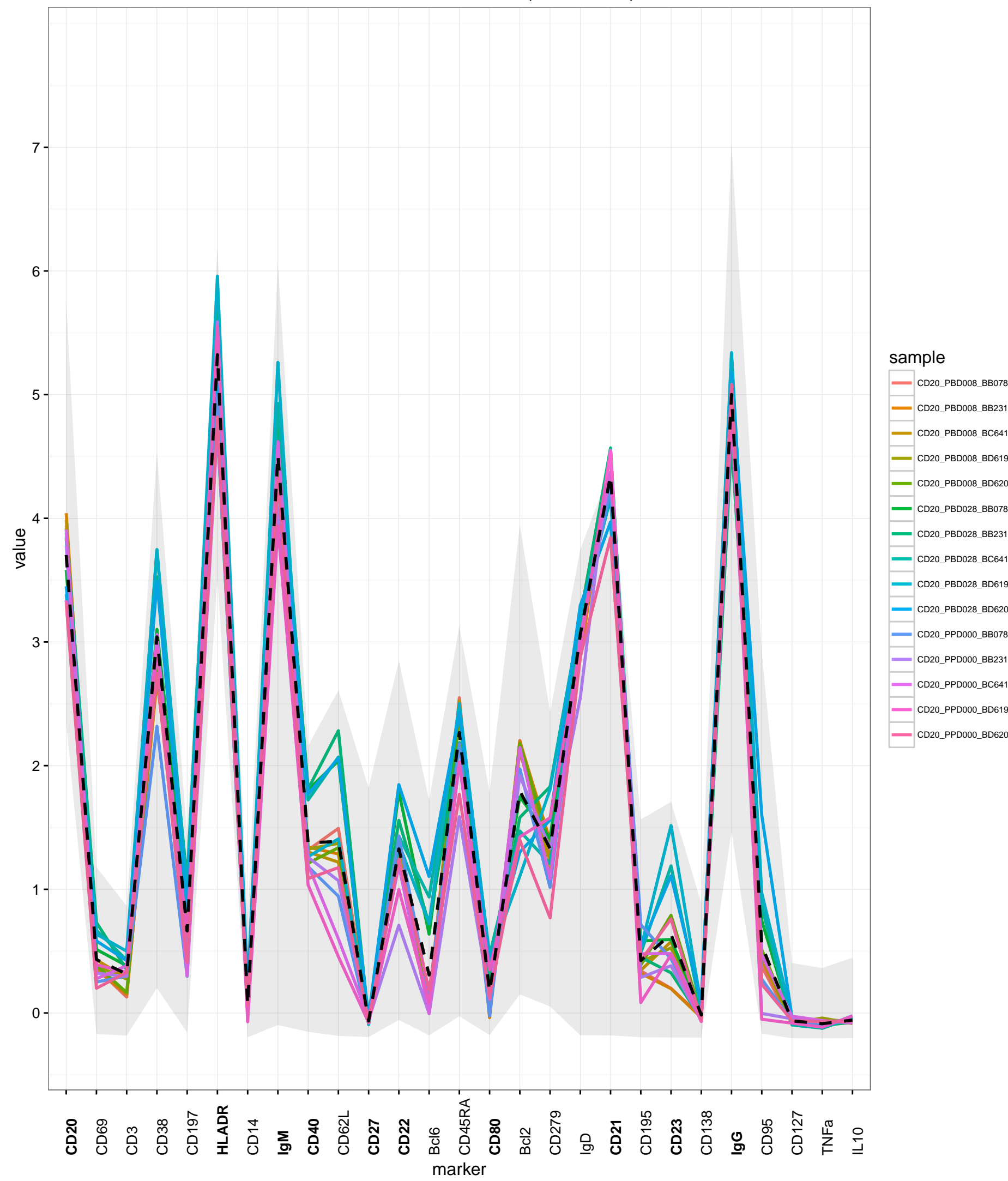
Pheno Viewer – cluster 24 (5 234 cells)



Kinetics Viewer – cluster 25 ( 1 183 cells)

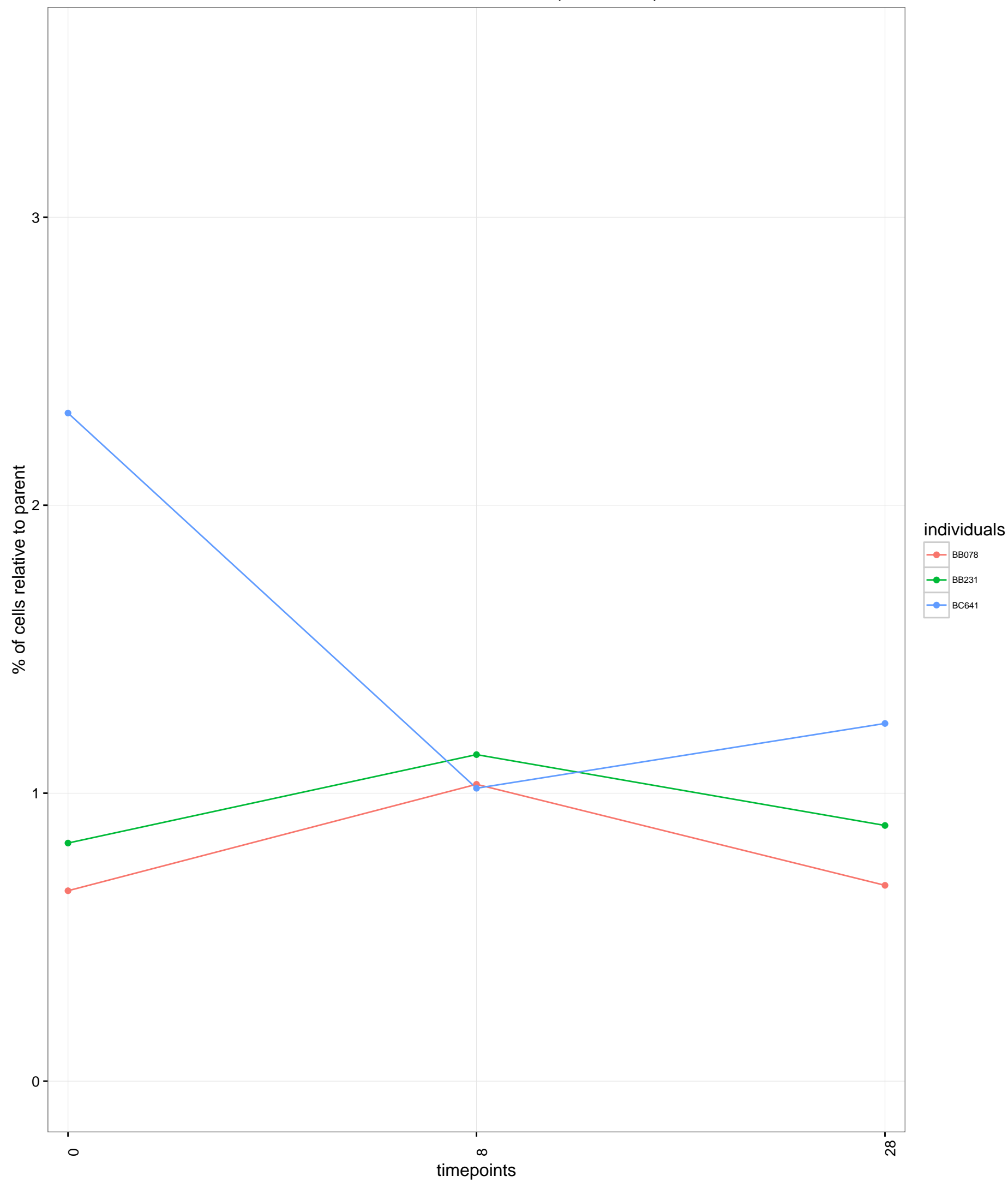


Pheno Viewer – cluster 25 (2 765 cells)

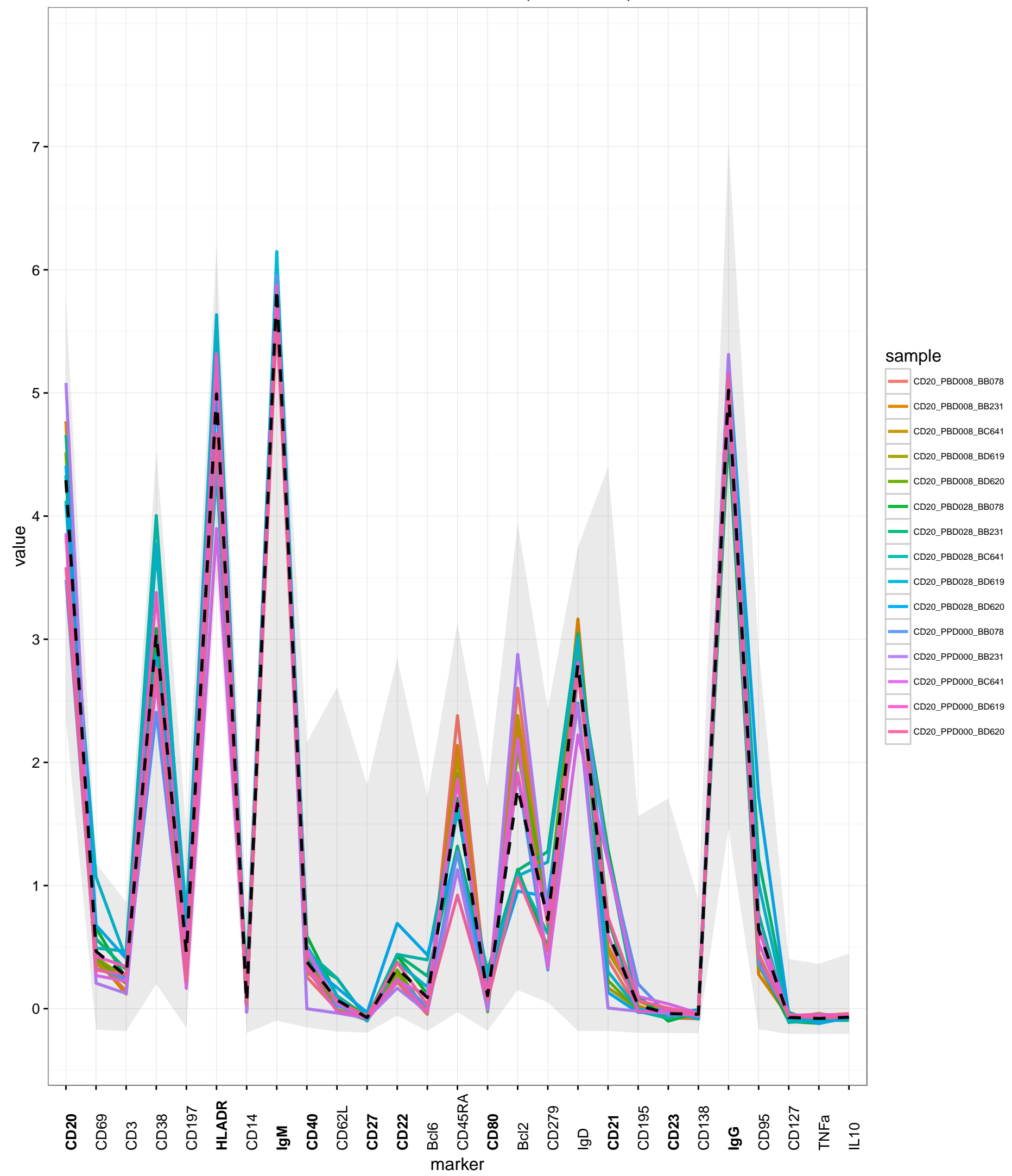




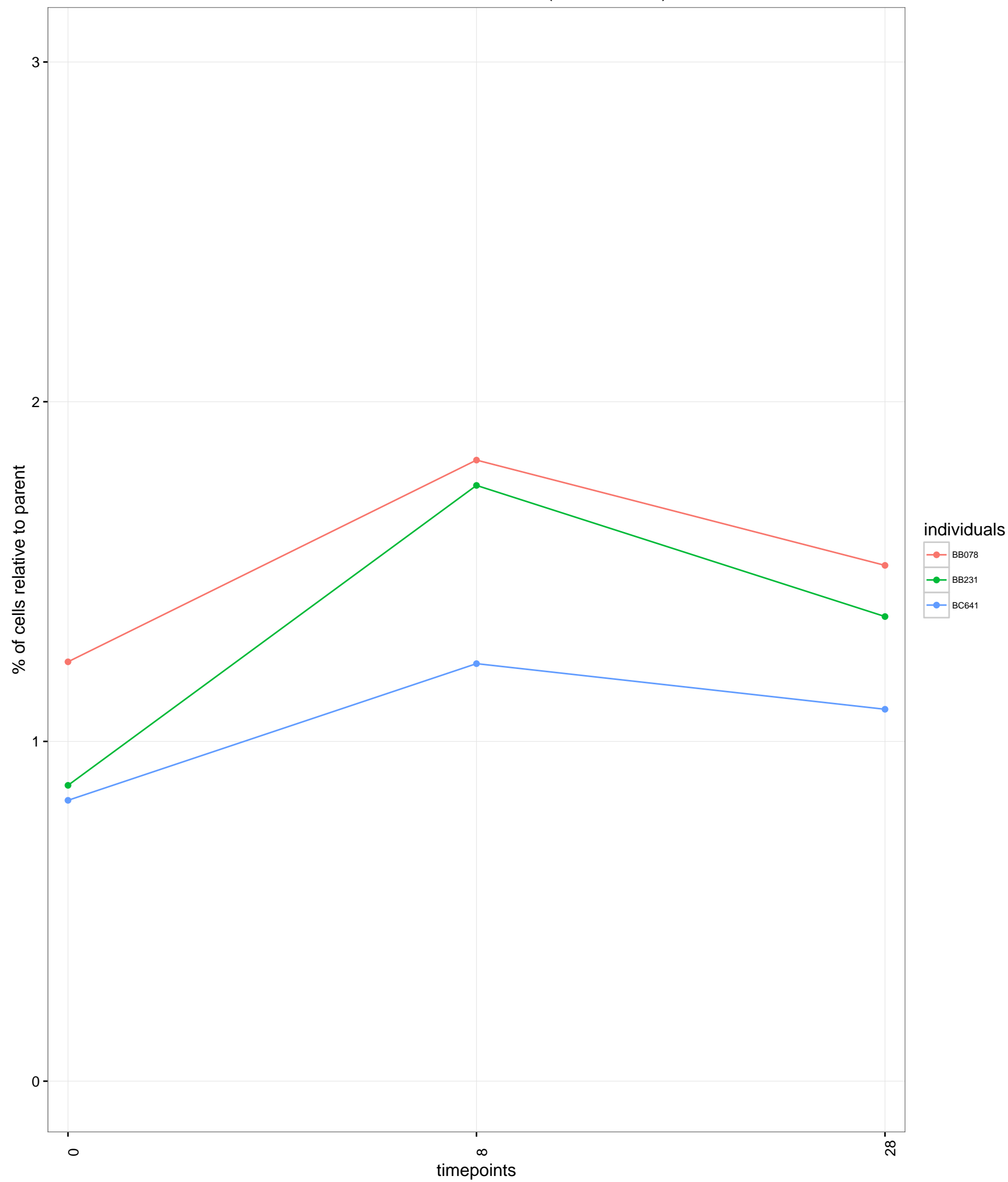
Kinetics Viewer – cluster 26 ( 949 cells)



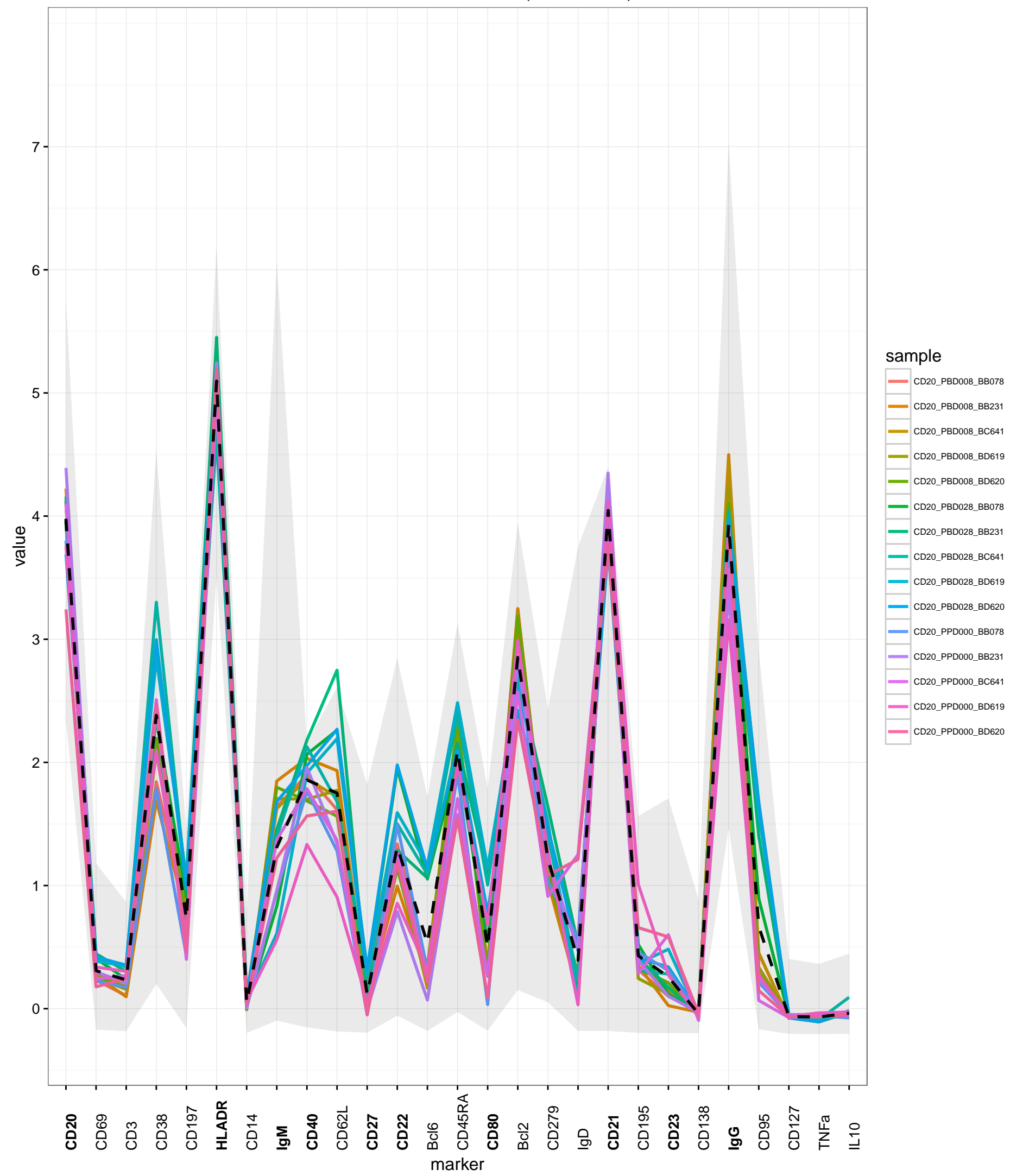
Pheno Viewer – cluster 26 (2 356 cells)



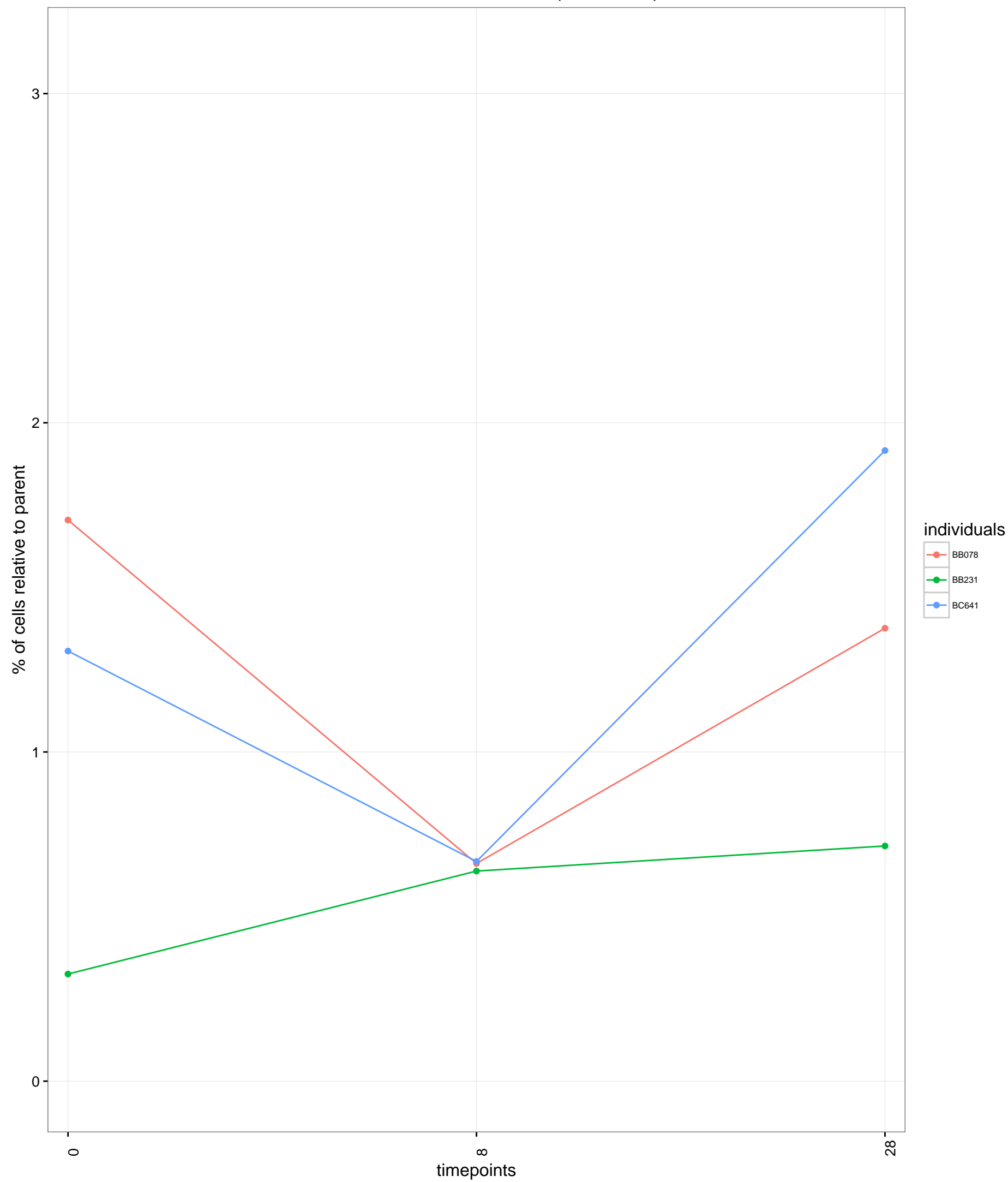
Kinetics Viewer – cluster 27 ( 1 293 cells)



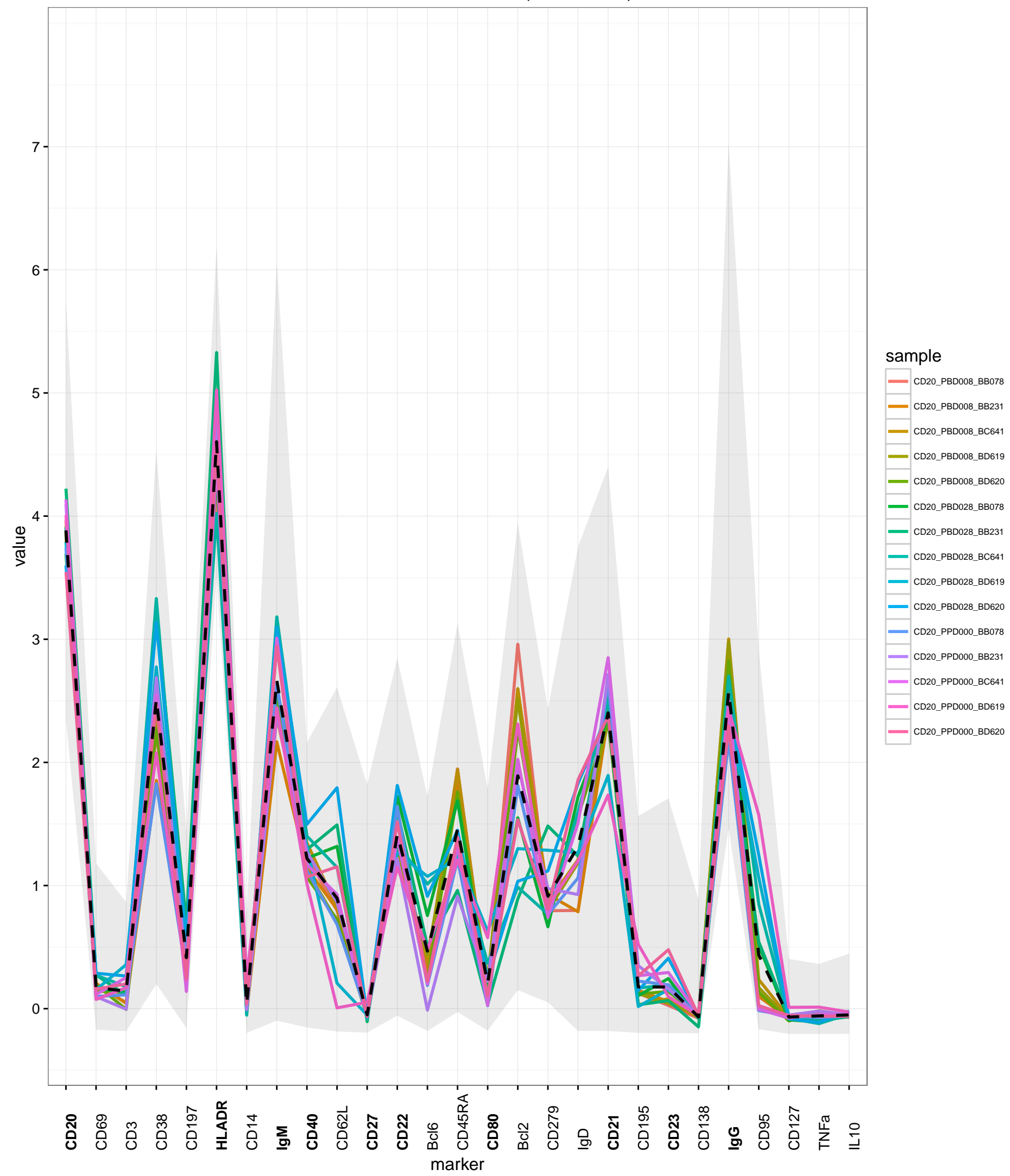
Pheno Viewer – cluster 27 (2 534 cells)



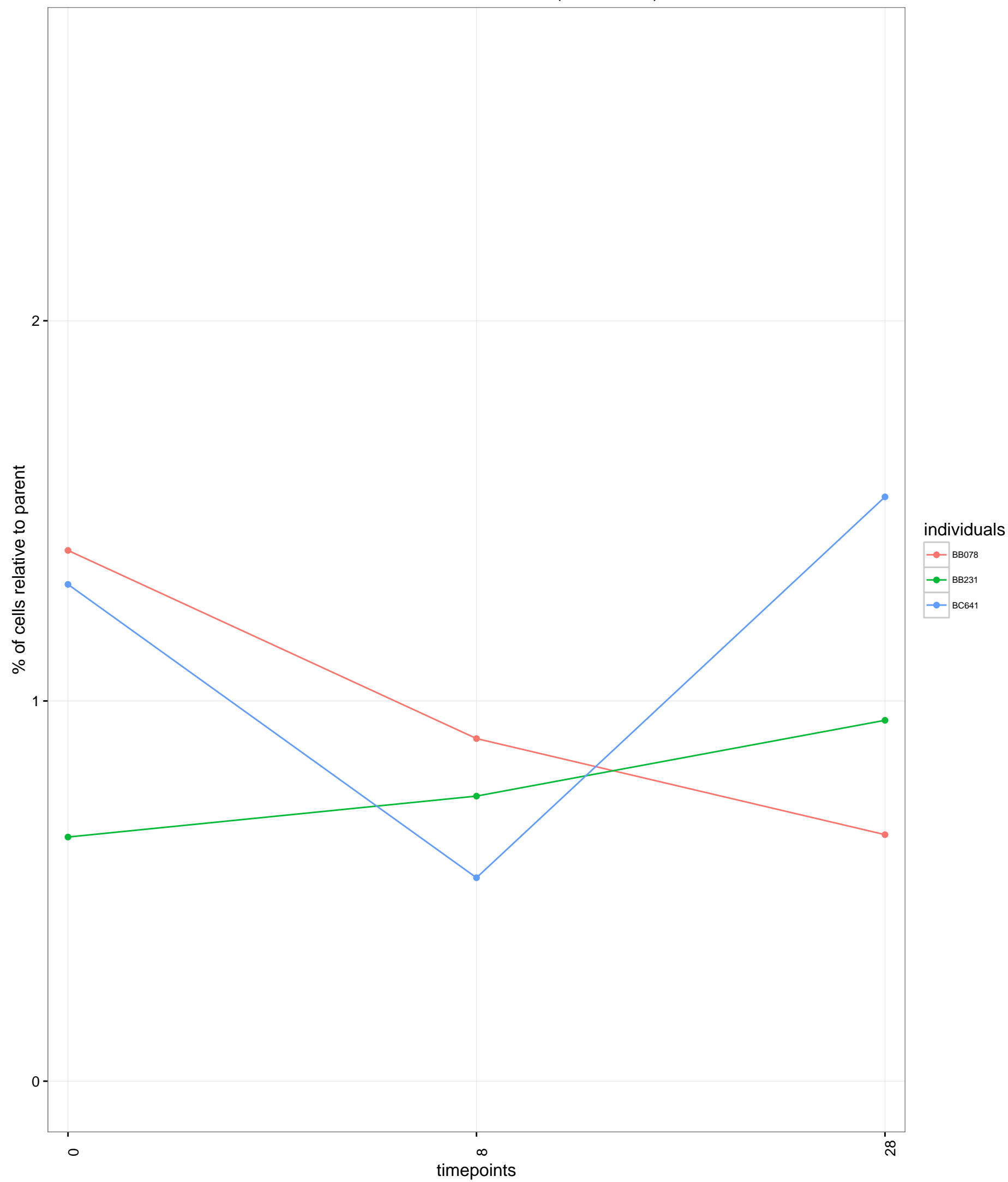
Kinetics Viewer – cluster 28 ( 781 cells)



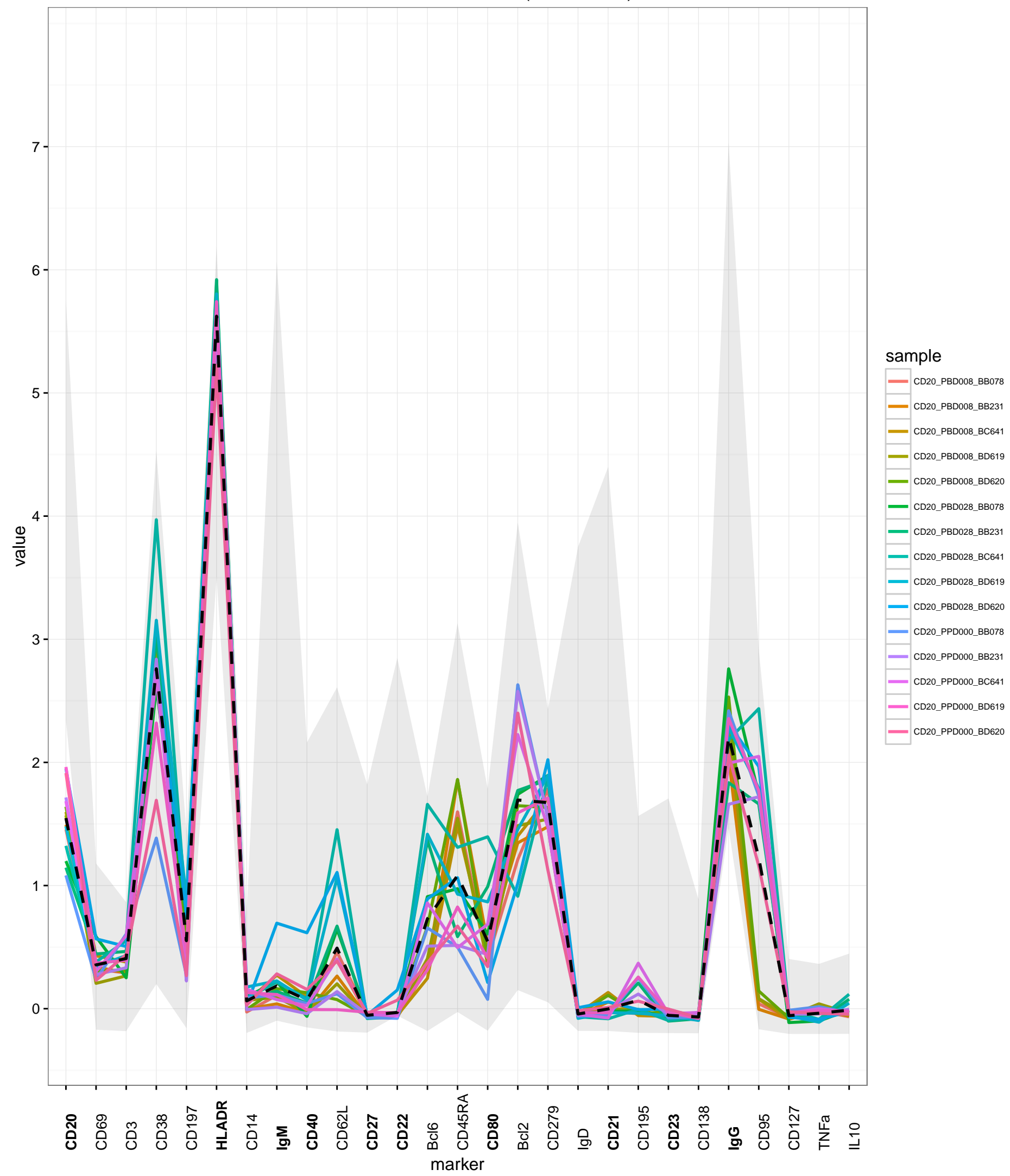
Pheno Viewer – cluster 28 (2 619 cells)



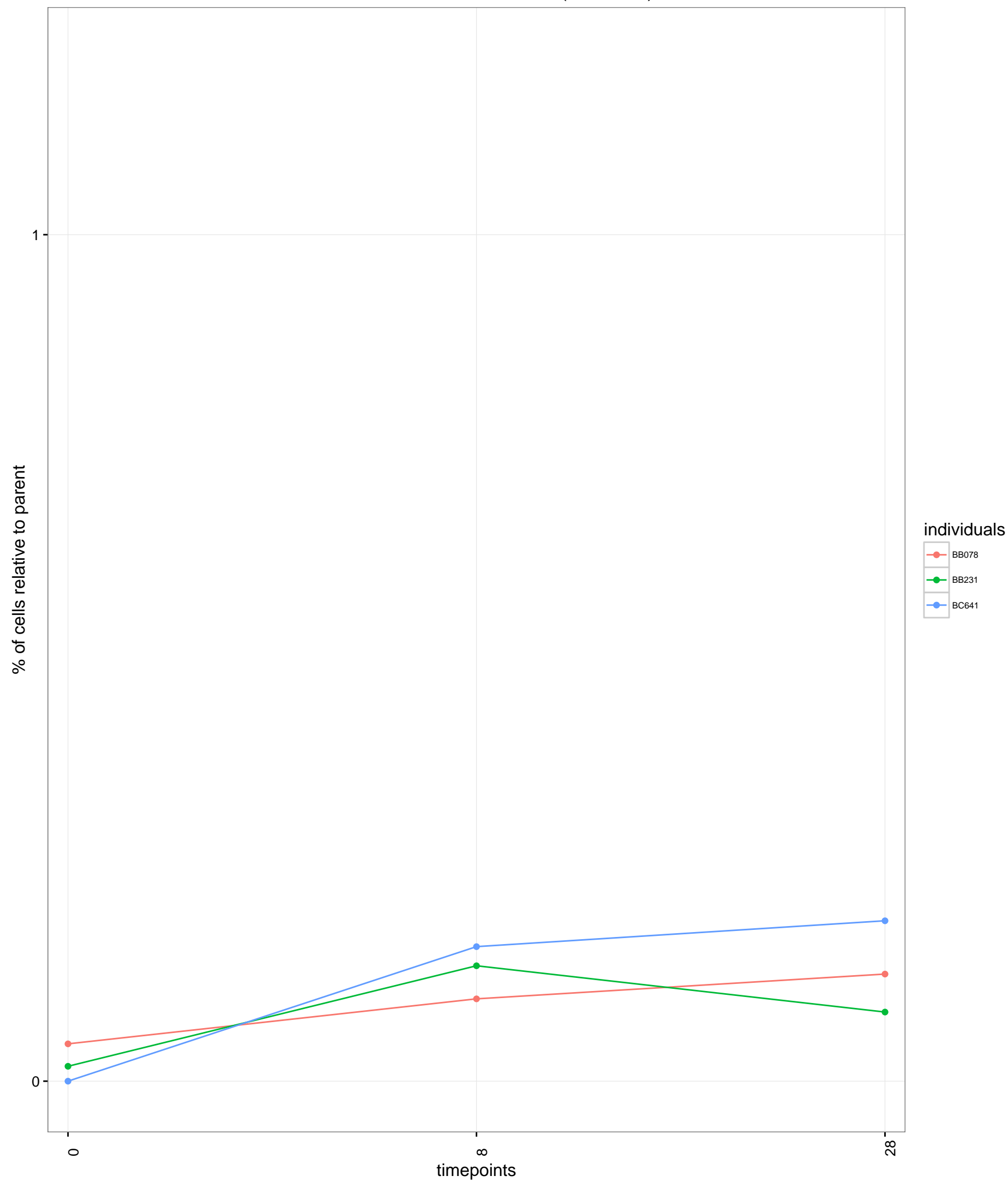
Kinetics Viewer – cluster 29 ( 785 cells)



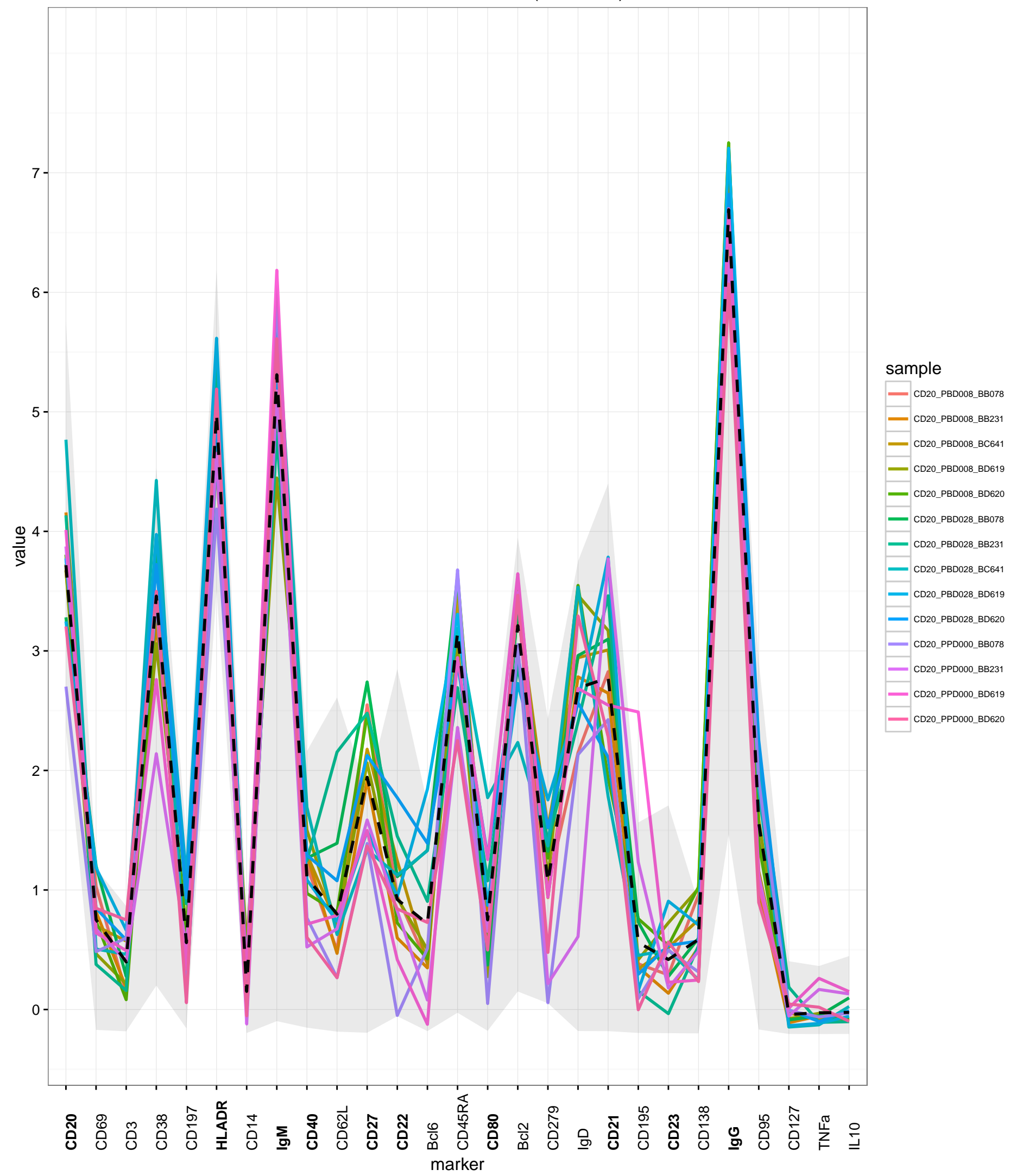
Pheno Viewer – cluster 29 (1 299 cells)



Kinetics Viewer – cluster 30 ( 97 cells)

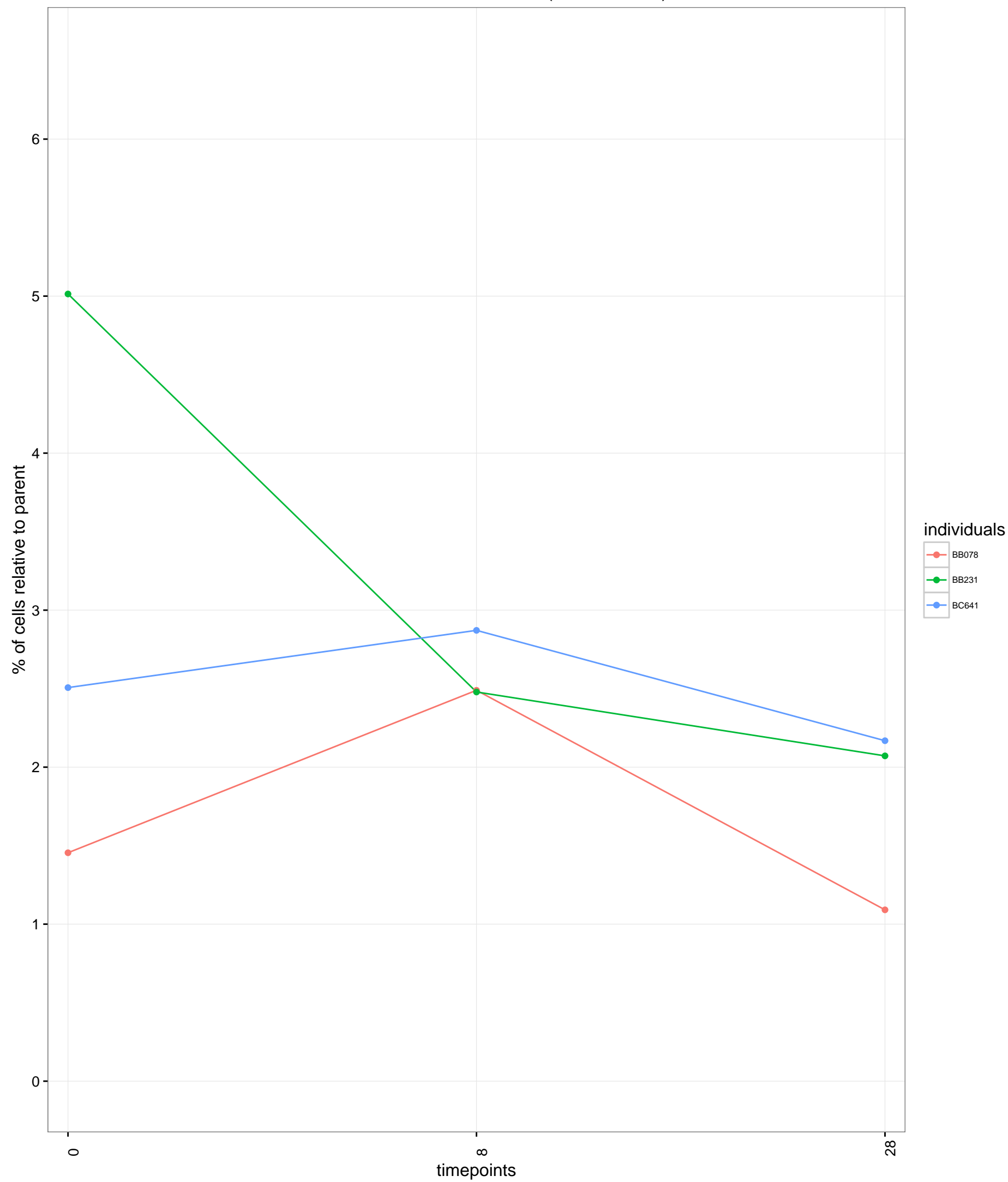


Pheno Viewer – cluster 30 (281 cells)

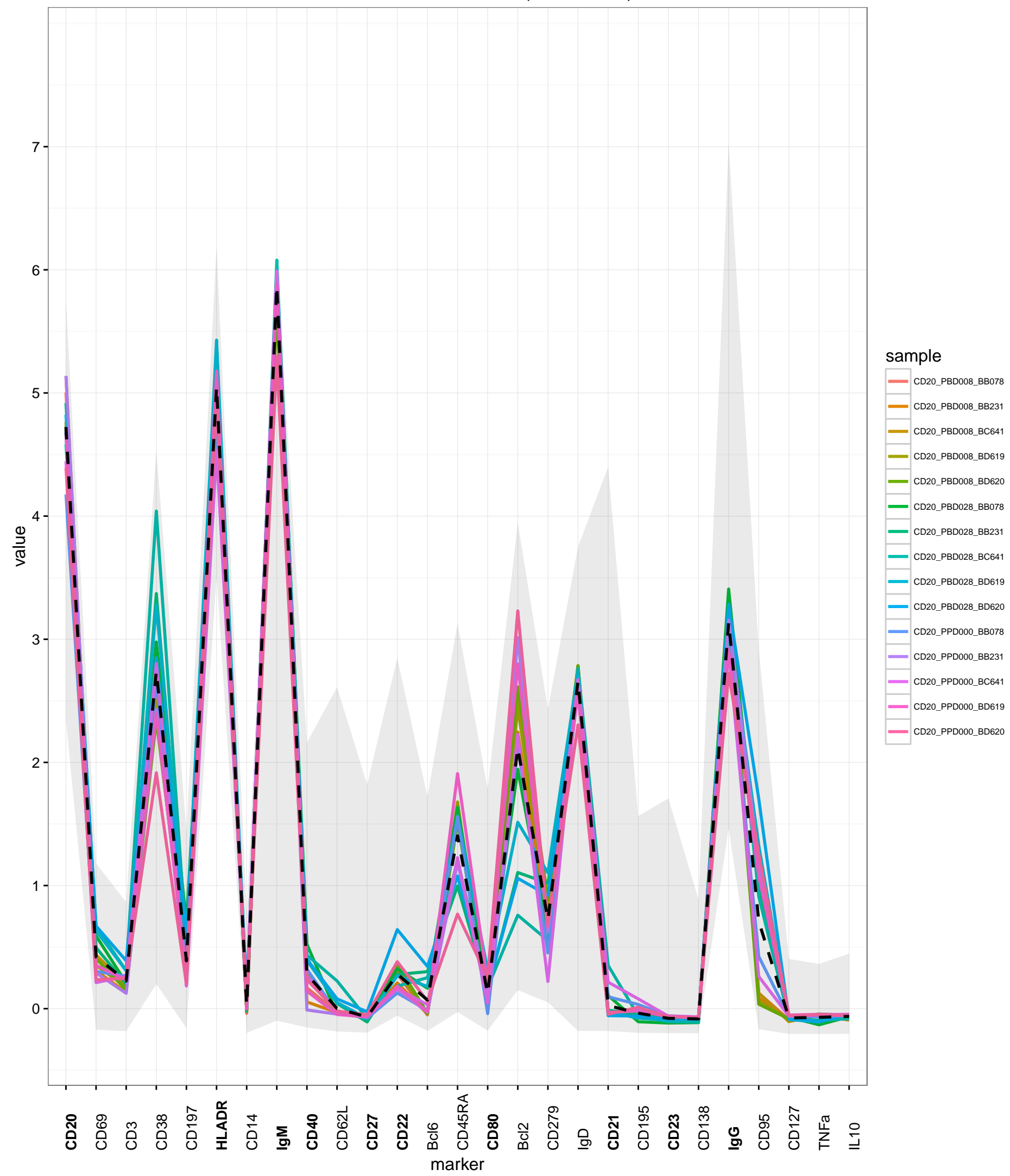




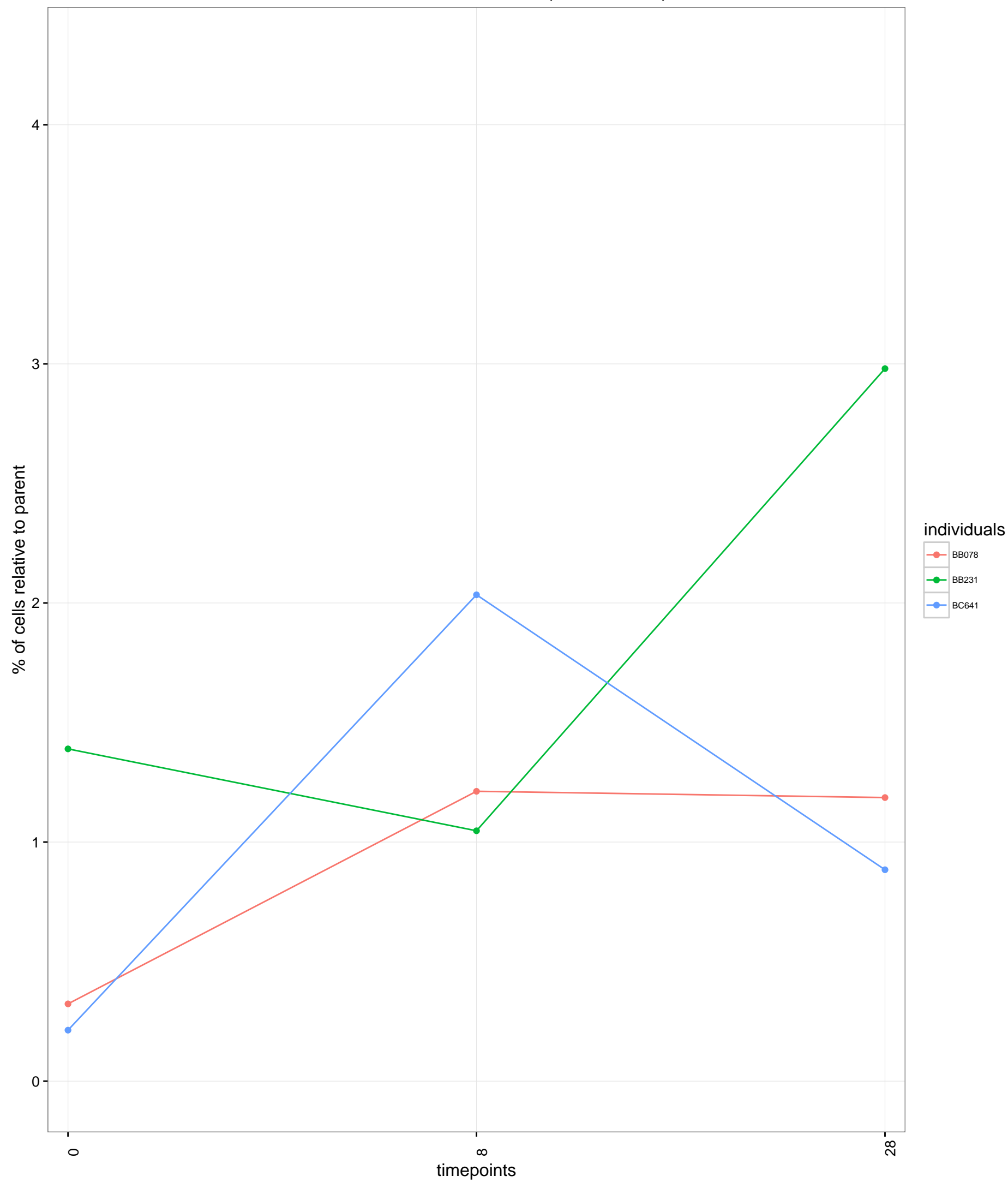
Kinetics Viewer – cluster 31 ( 2 464 cells)



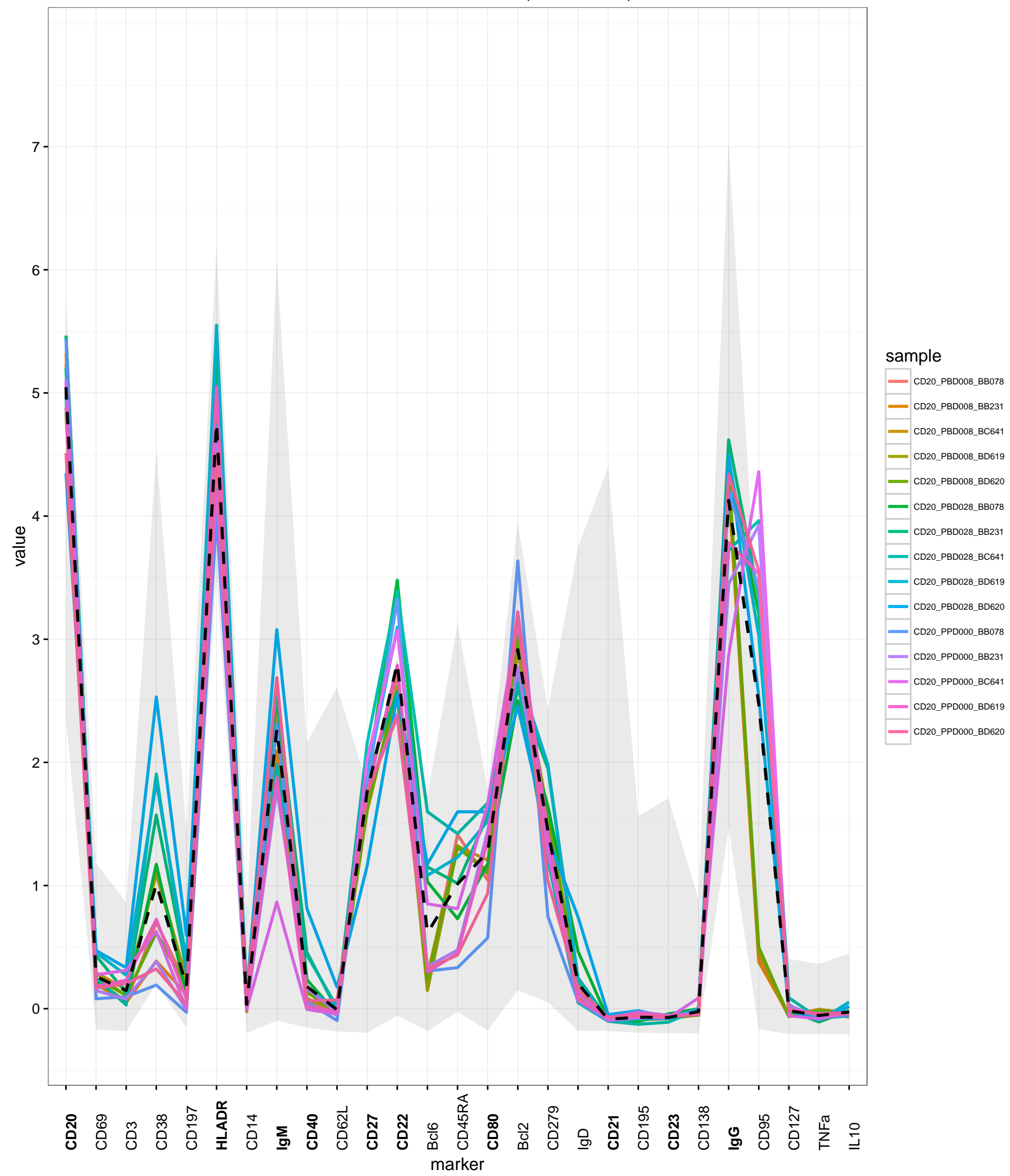
Pheno Viewer – cluster 31 (7 033 cells)



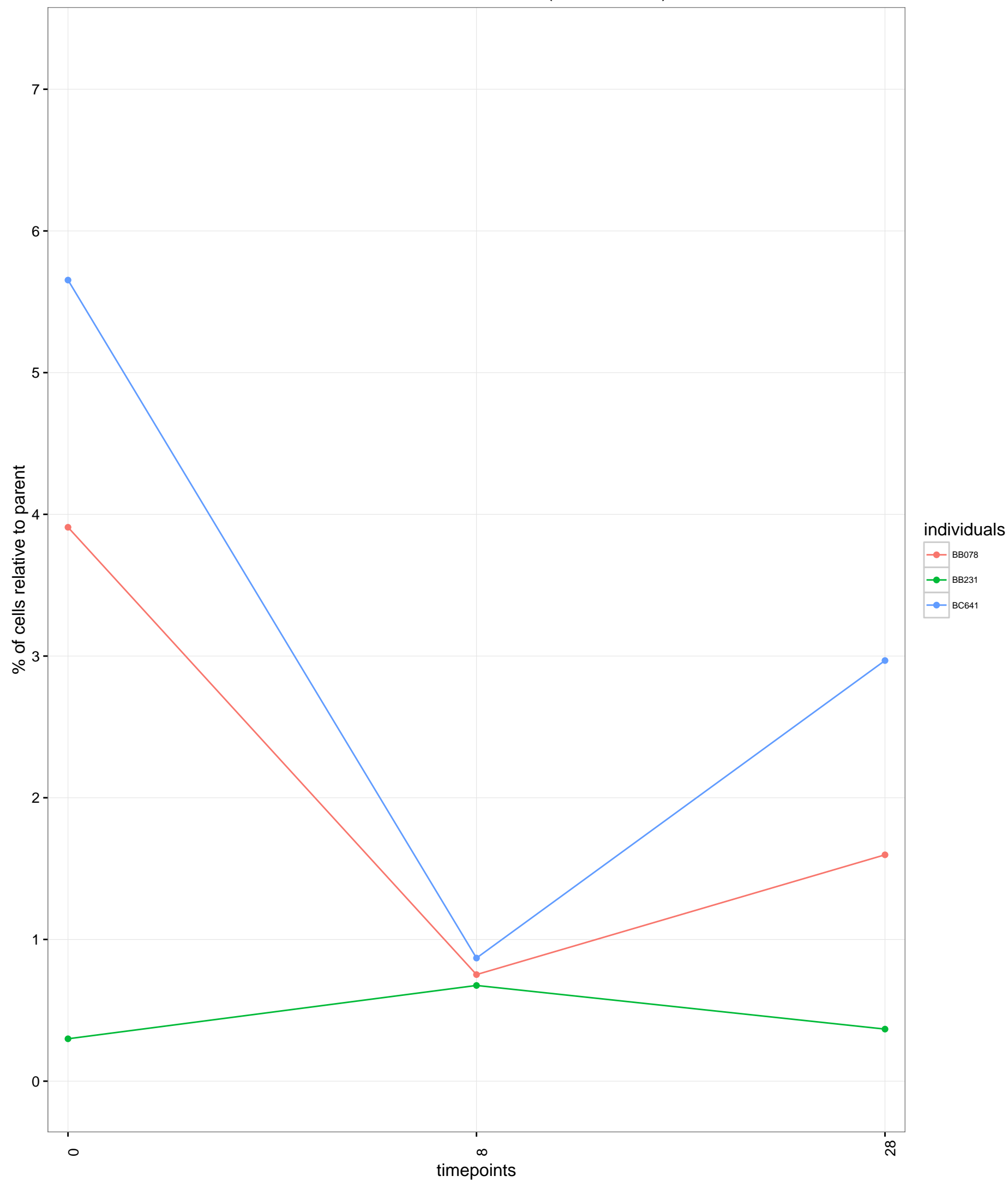
Kinetics Viewer – cluster 32 ( 1 337 cells)



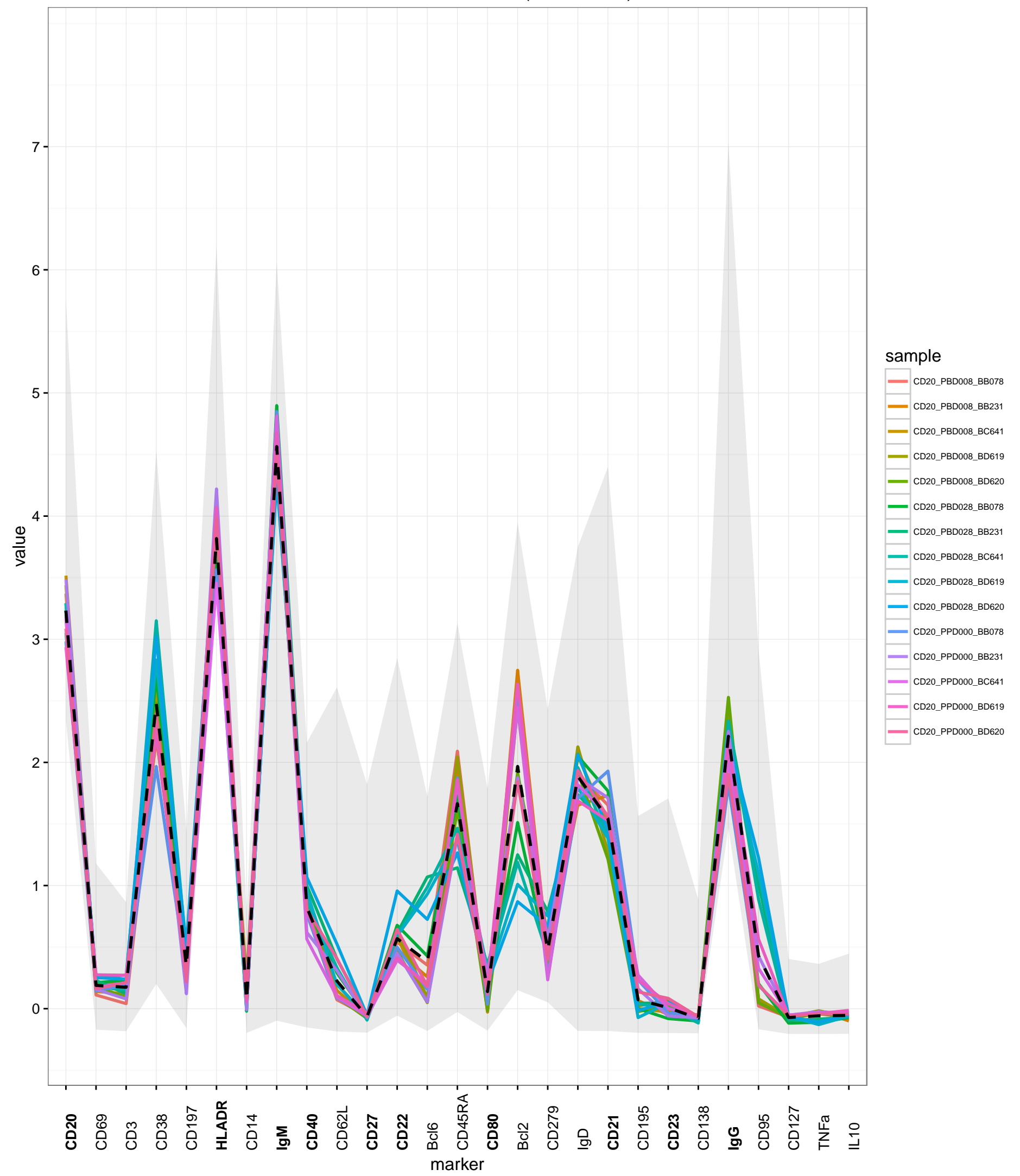
Pheno Viewer – cluster 32 (3 981 cells)



Kinetics Viewer – cluster 33 ( 1 179 cells)

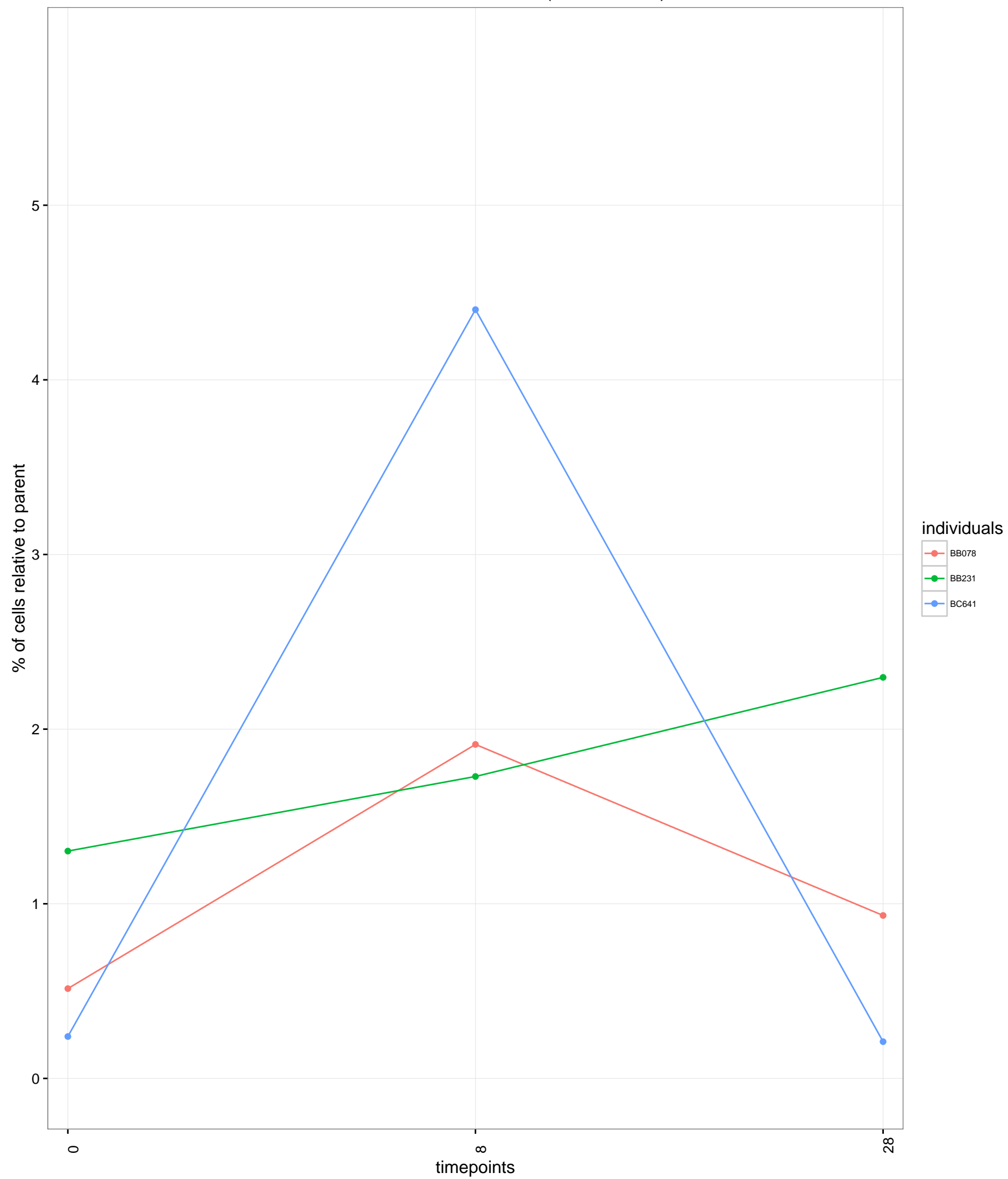


Pheno Viewer – cluster 33 (3 099 cells)

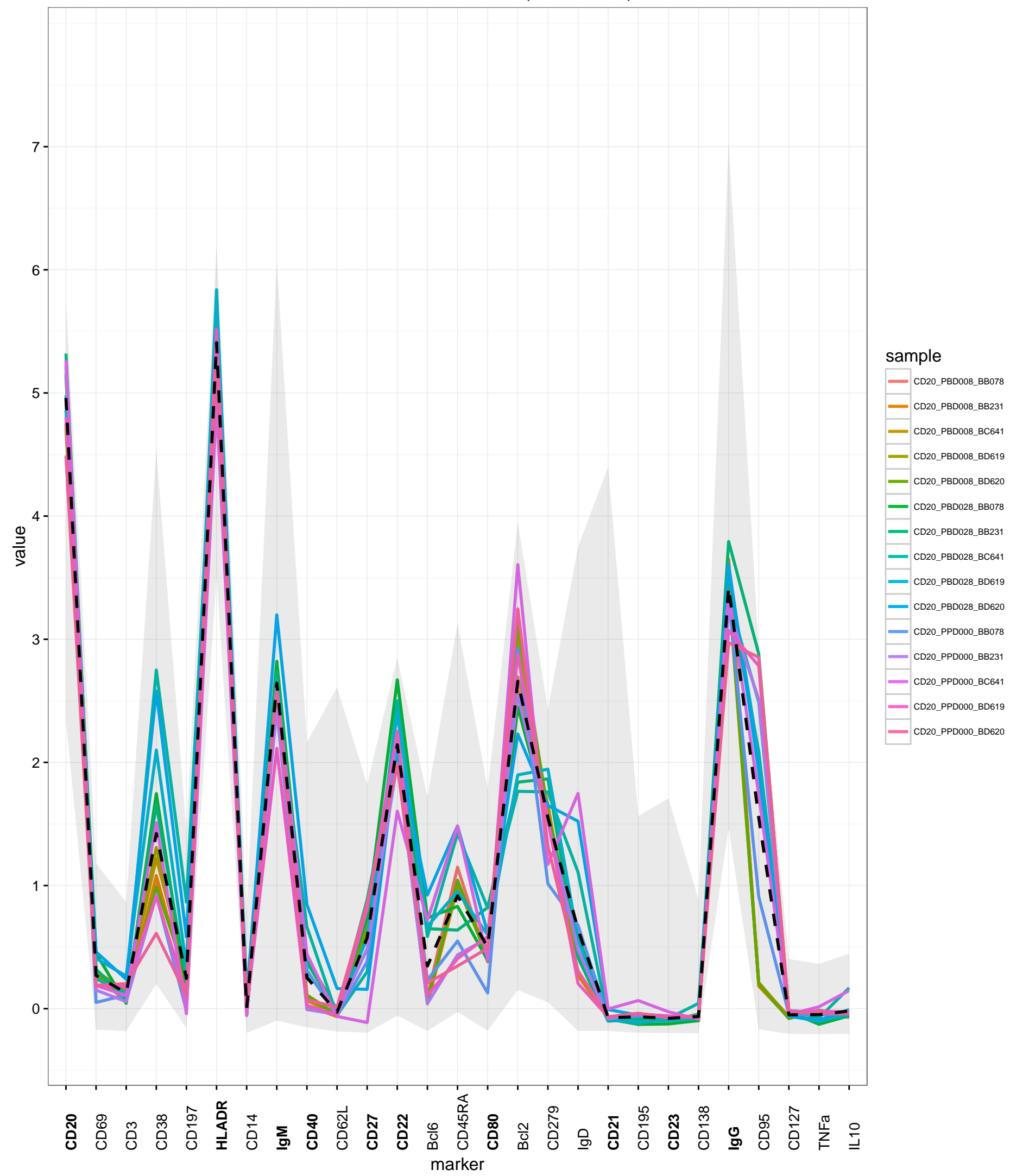




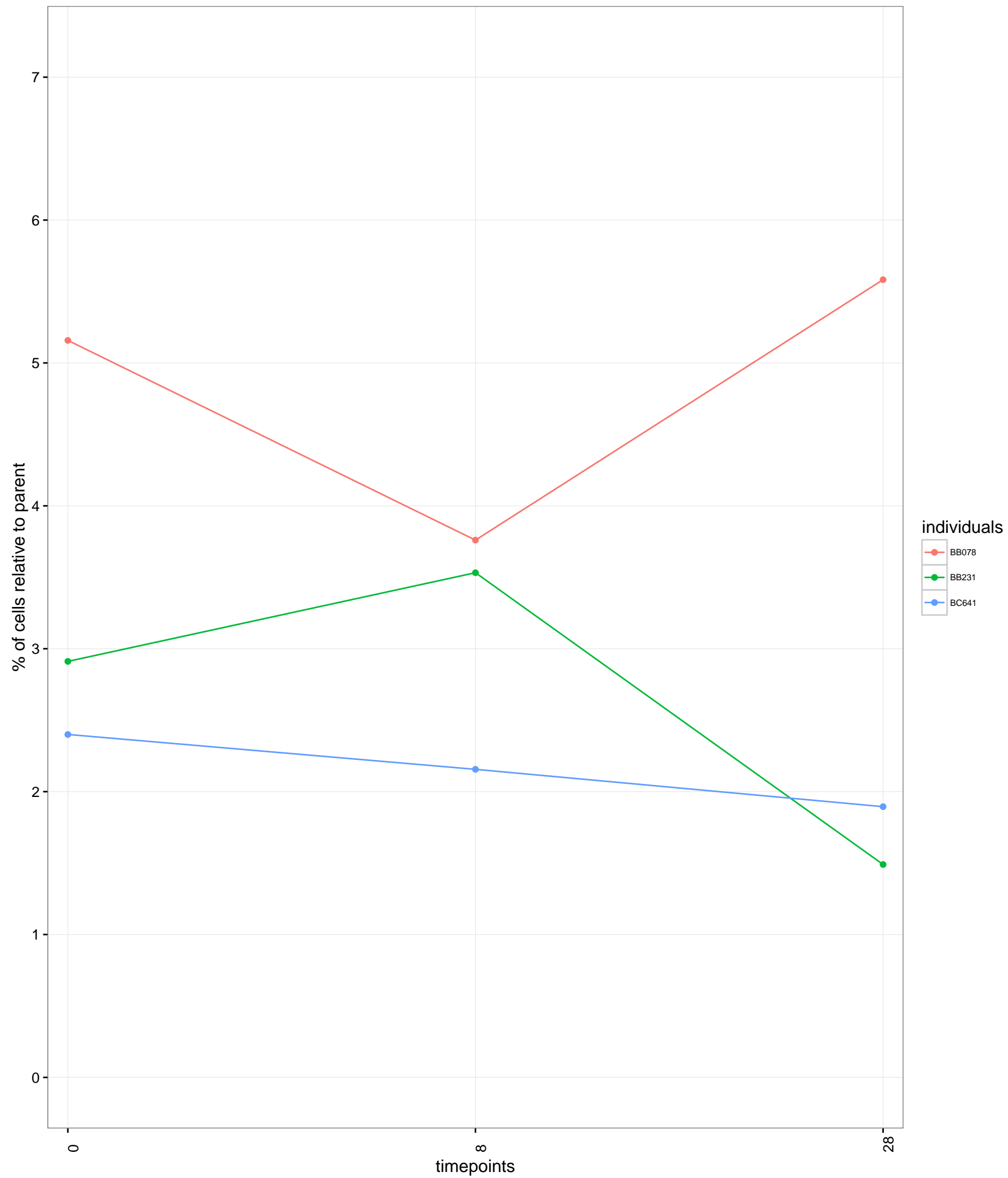
Kinetics Viewer – cluster 34 ( 1 891 cells)



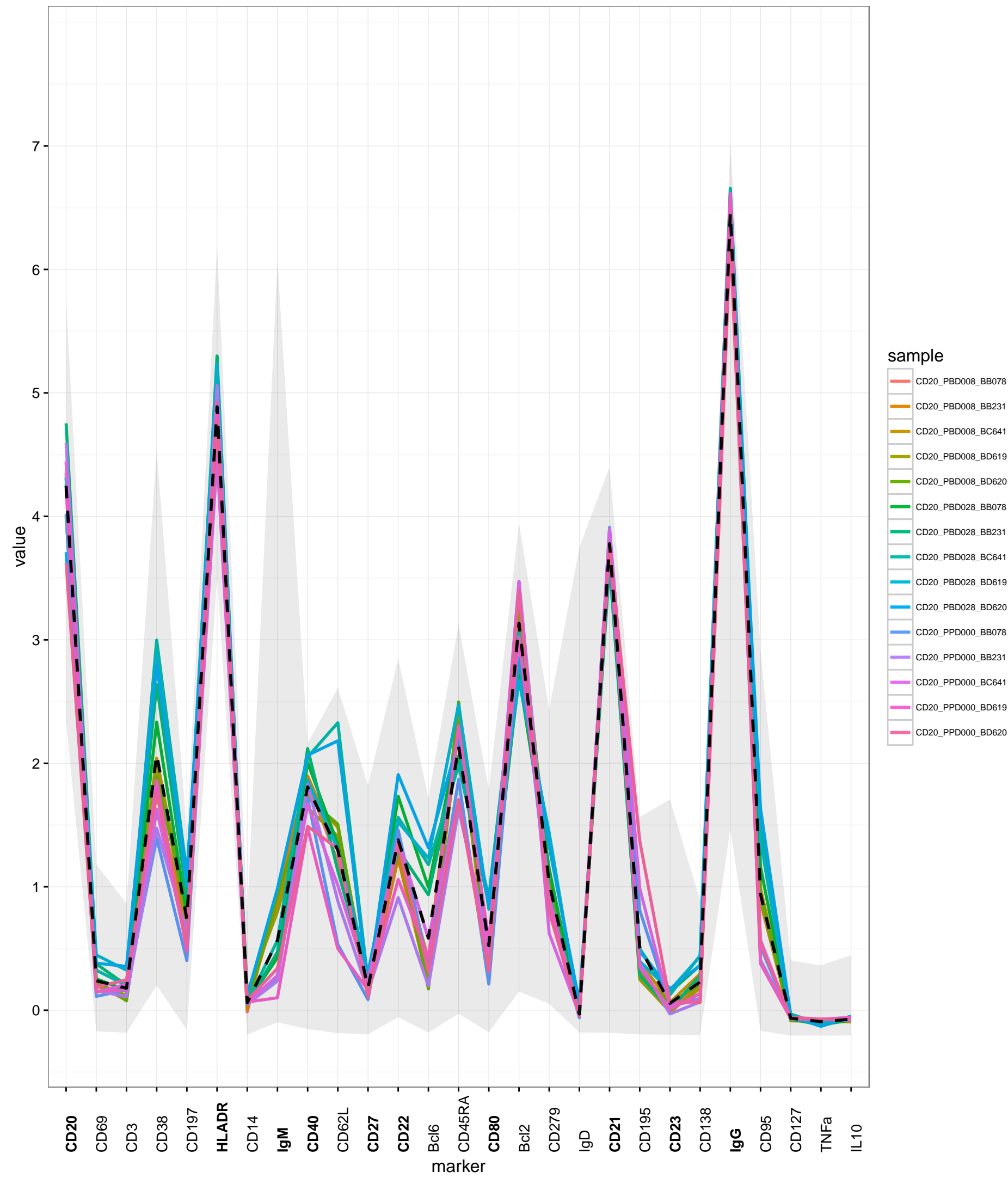
Pheno Viewer – cluster 34 (7 439 cells)



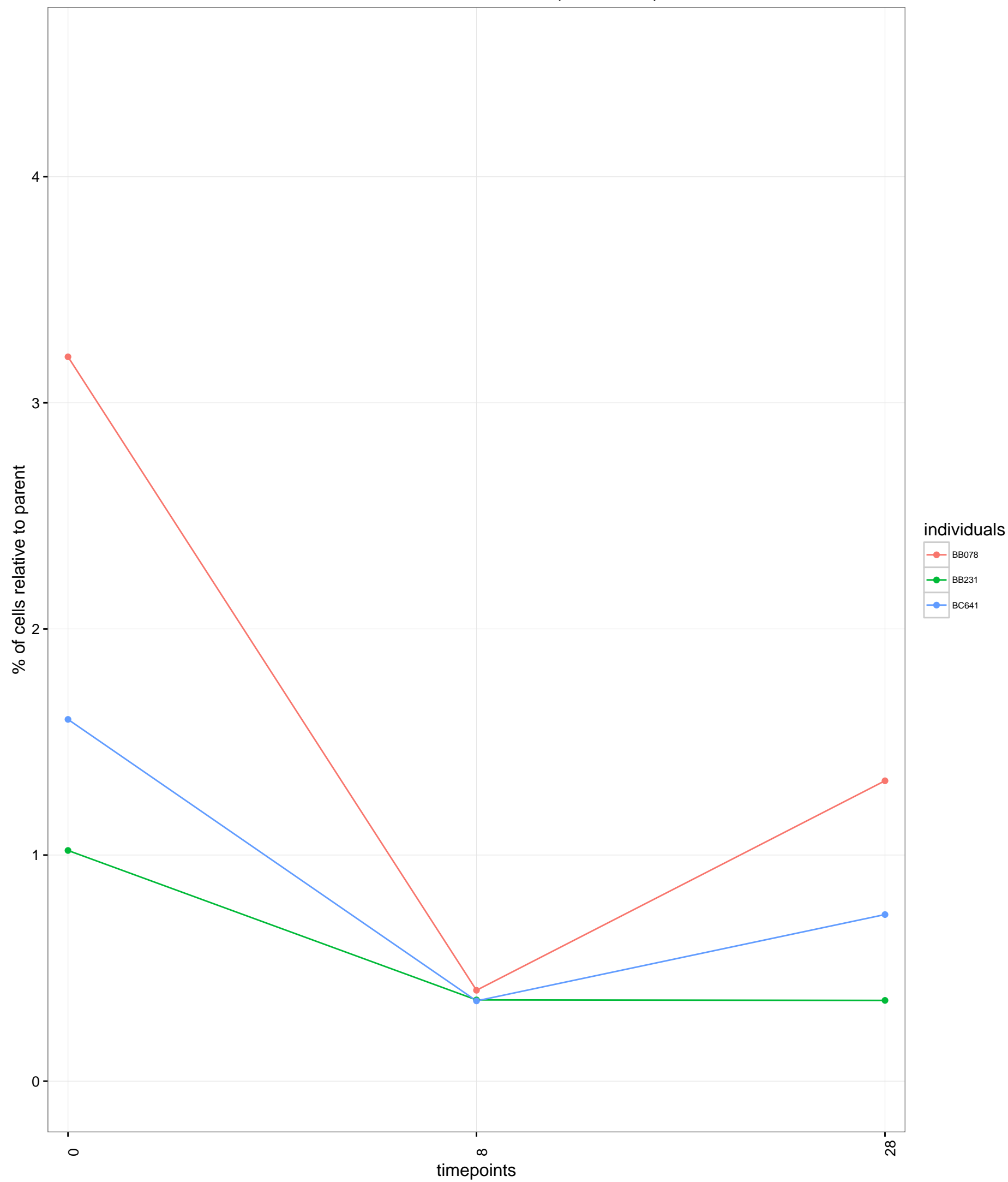
Kinetics Viewer – cluster 35 ( 2 918 cells)



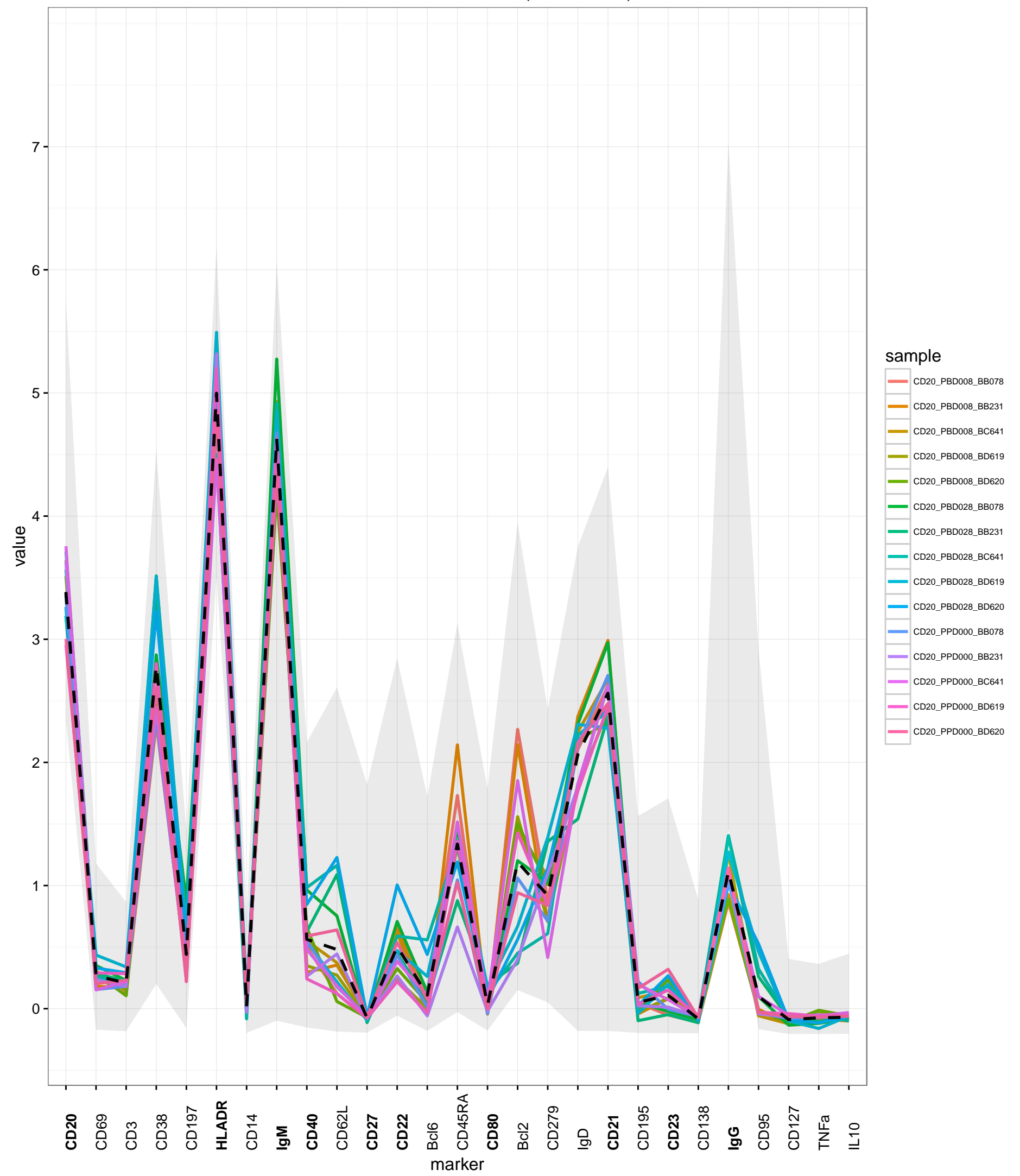
Pheno Viewer – cluster 35 (4 897 cells)



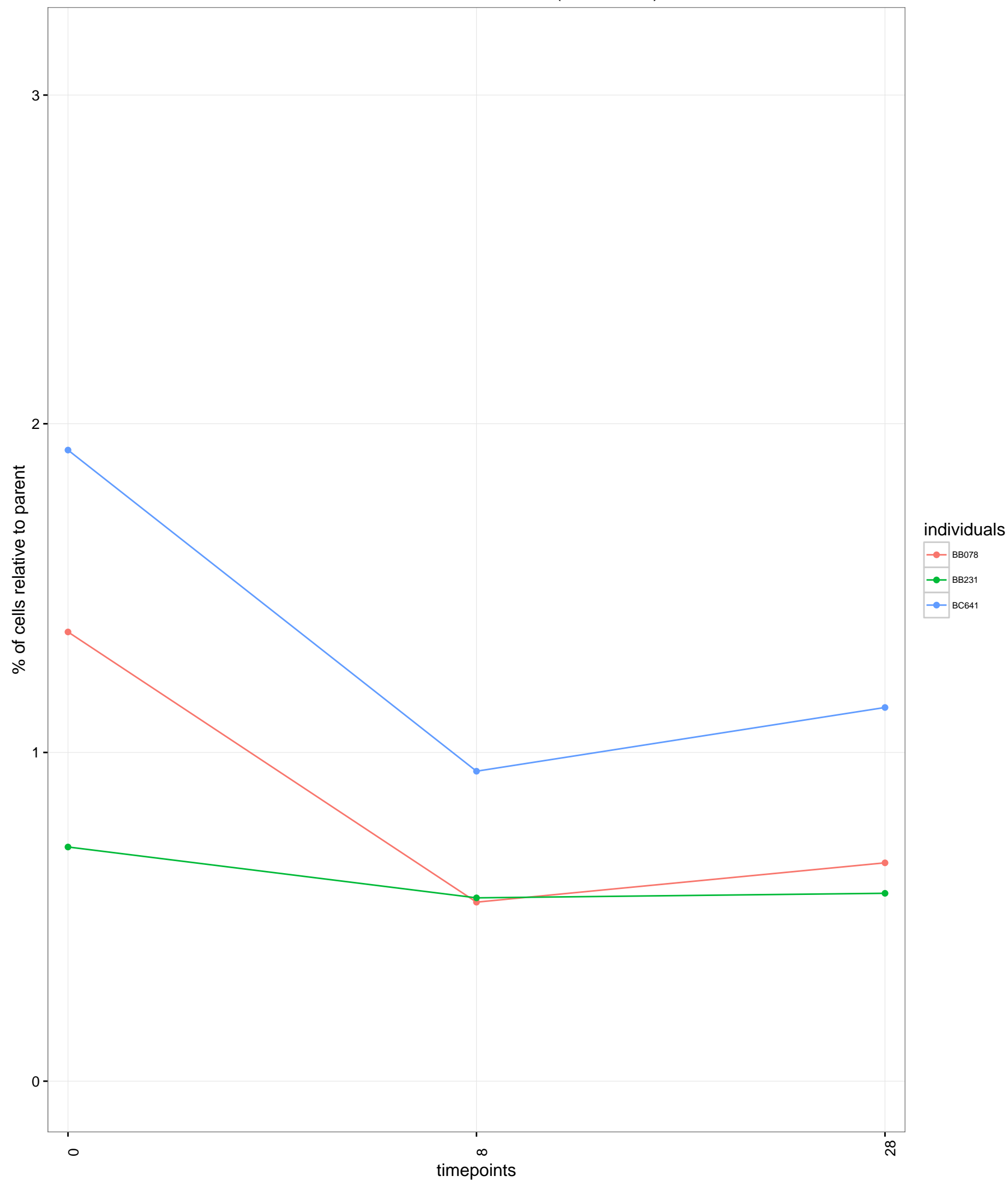
Kinetics Viewer – cluster 36 ( 735 cells)



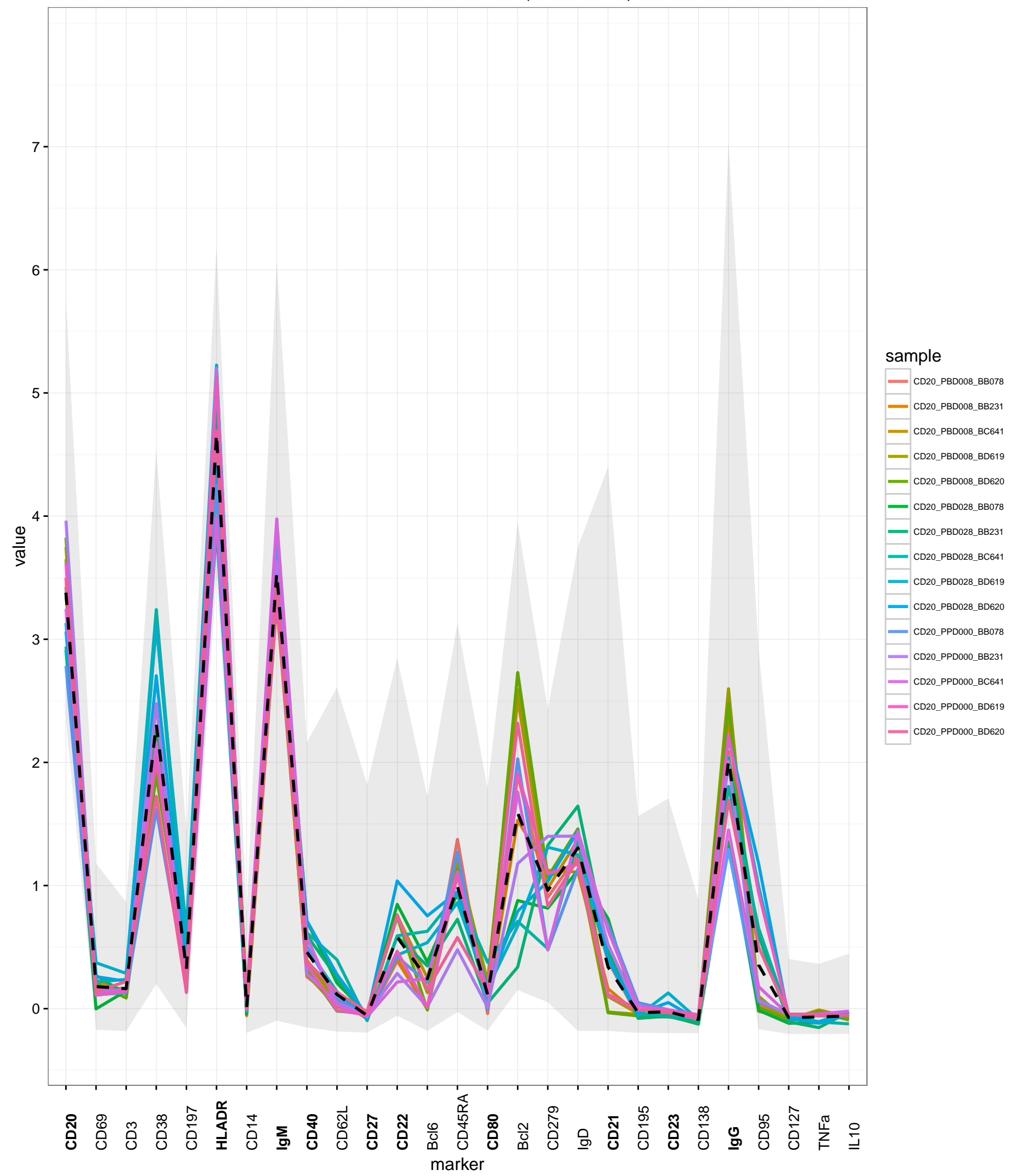
Pheno Viewer – cluster 36 (2 515 cells)



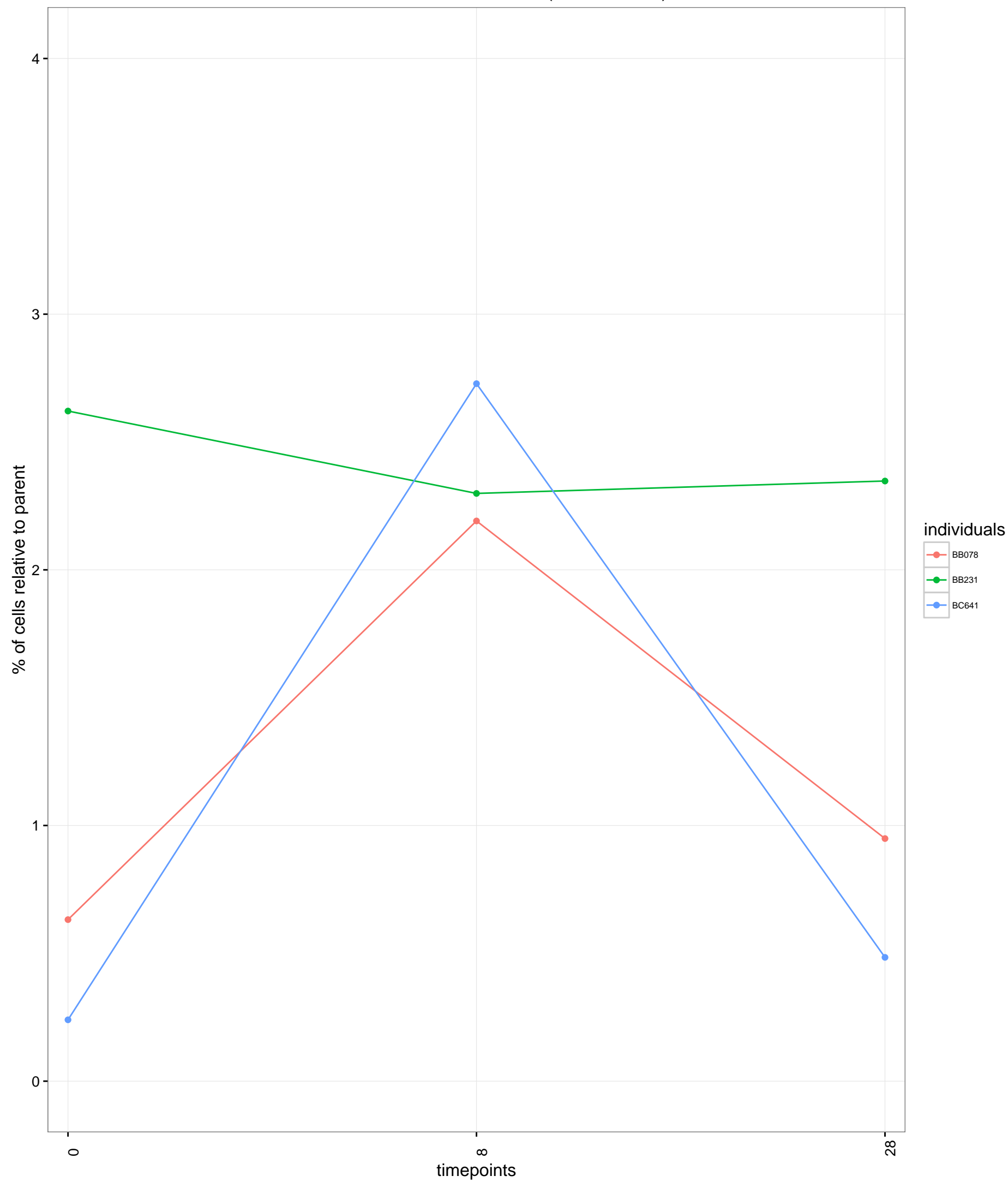
Kinetics Viewer – cluster 37 ( 750 cells)



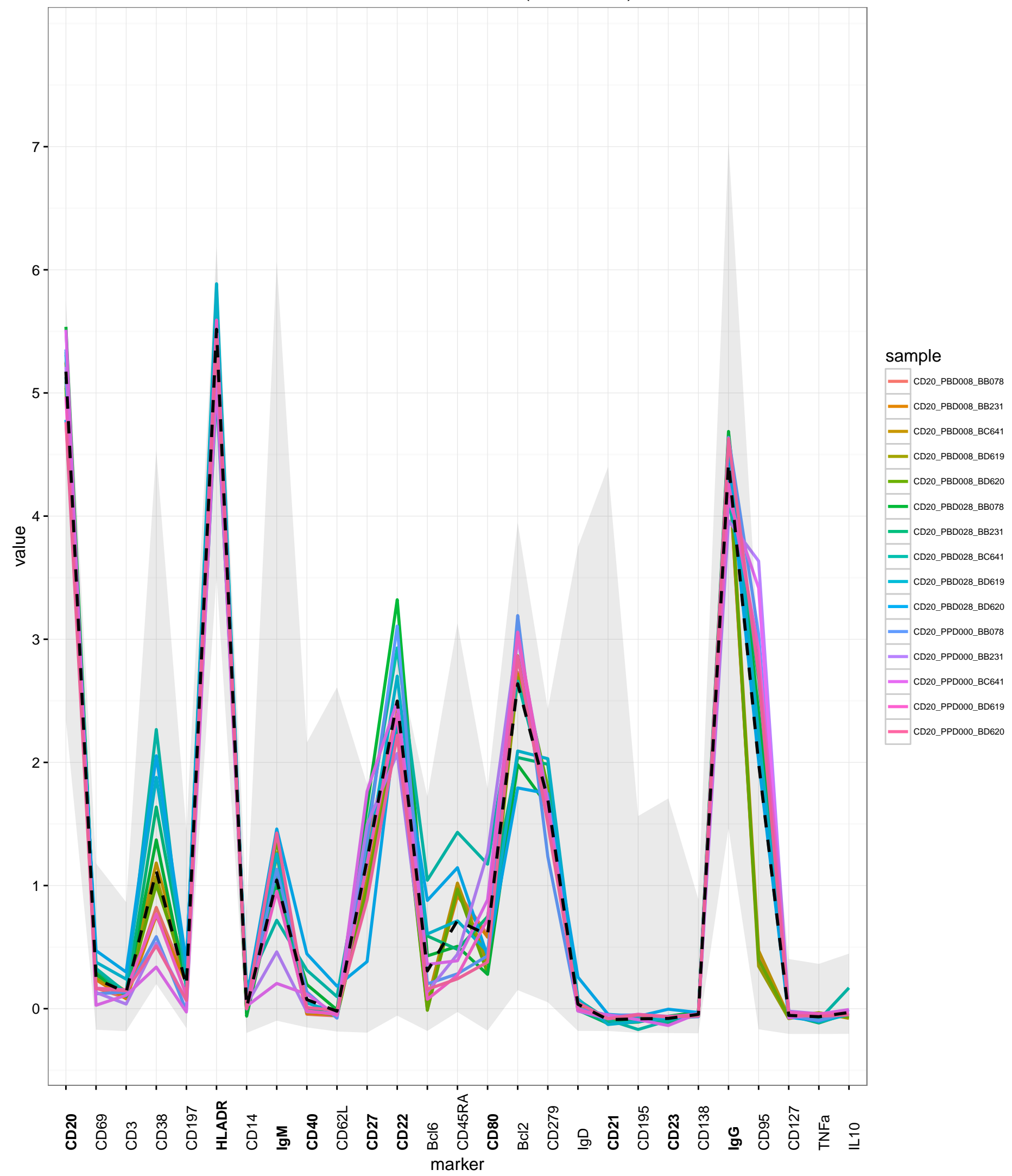
Pheno Viewer – cluster 37 (3 440 cells)



Kinetics Viewer – cluster 38 ( 1 887 cells)

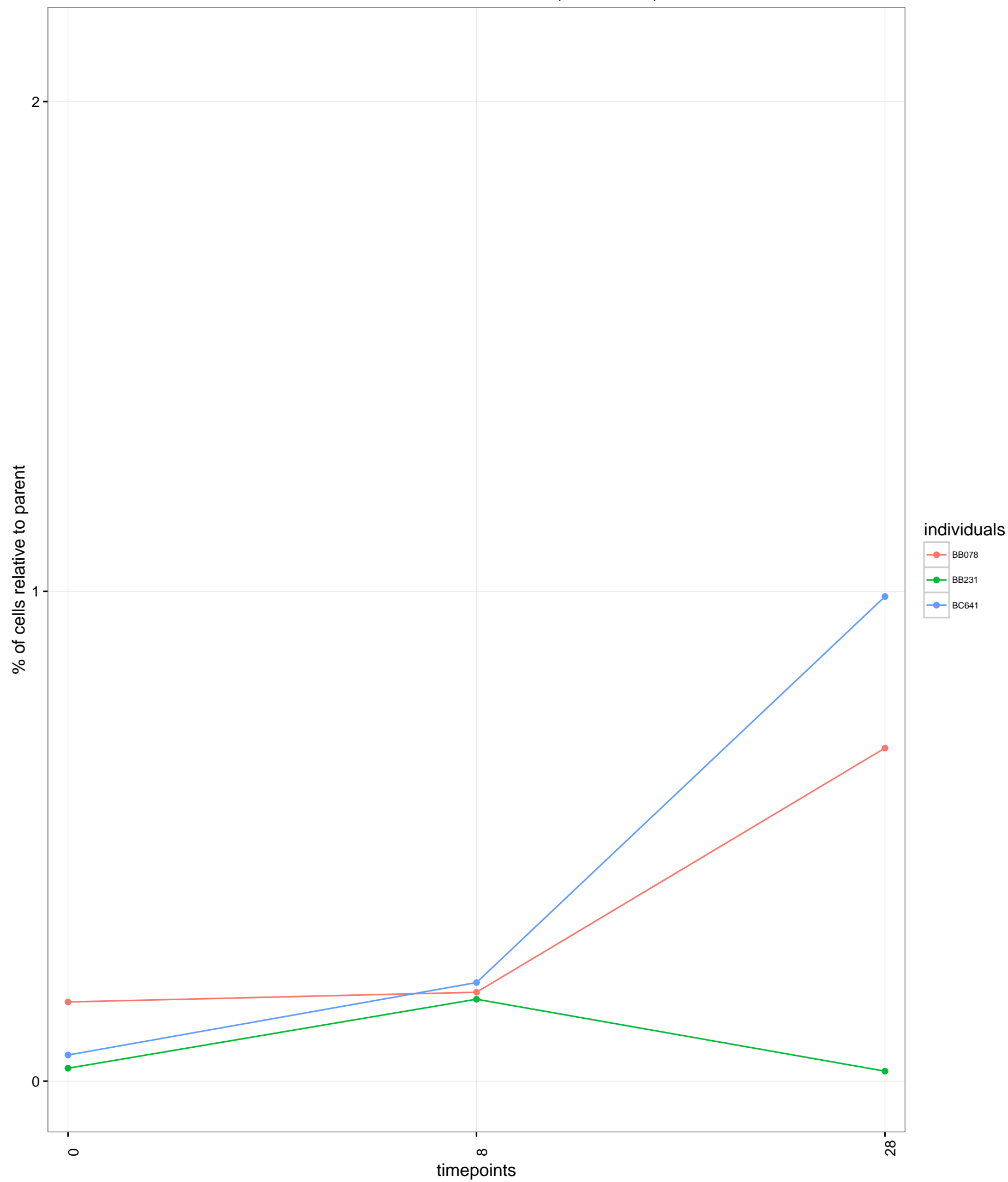


Pheno Viewer – cluster 38 (5 003 cells)

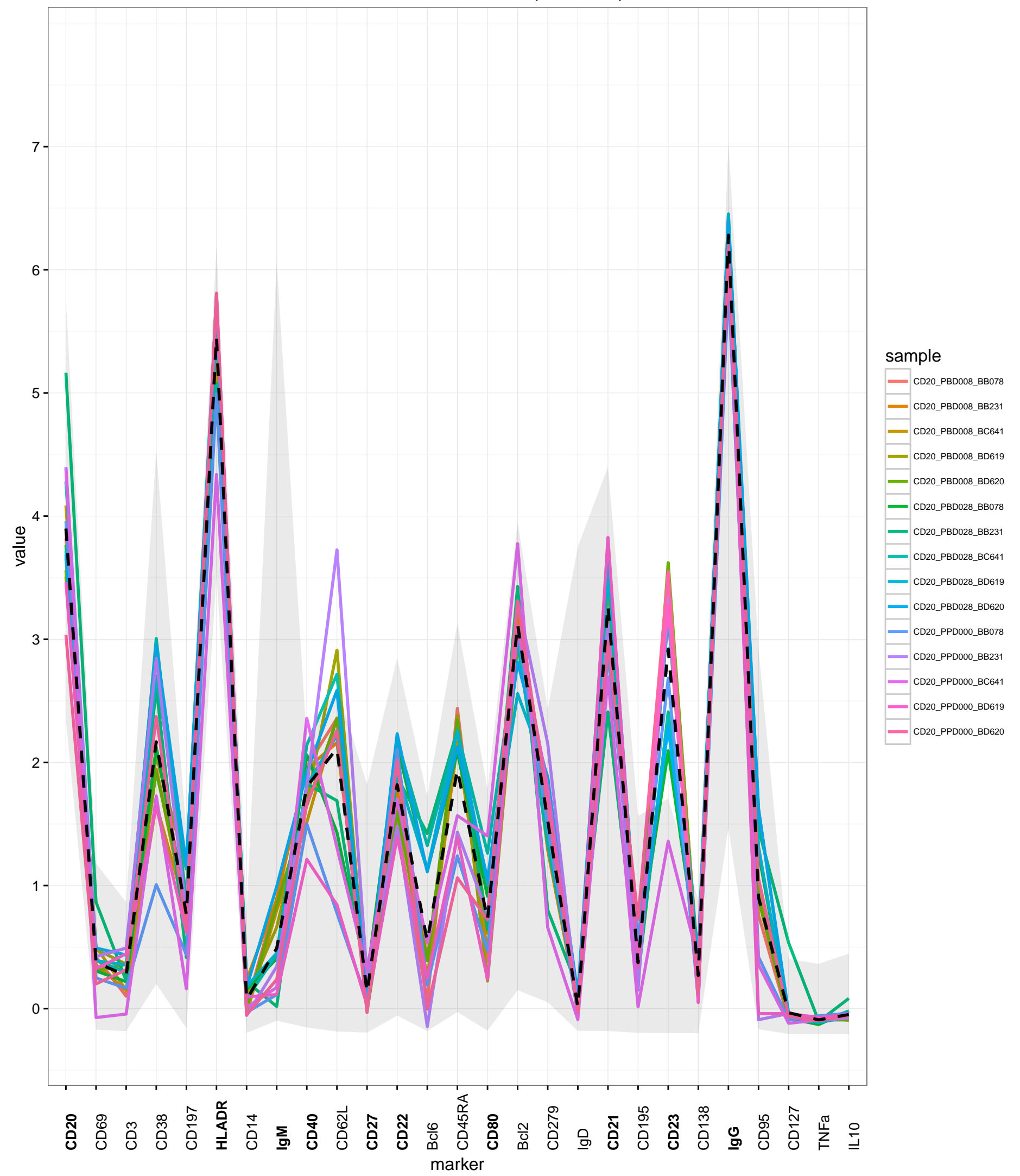




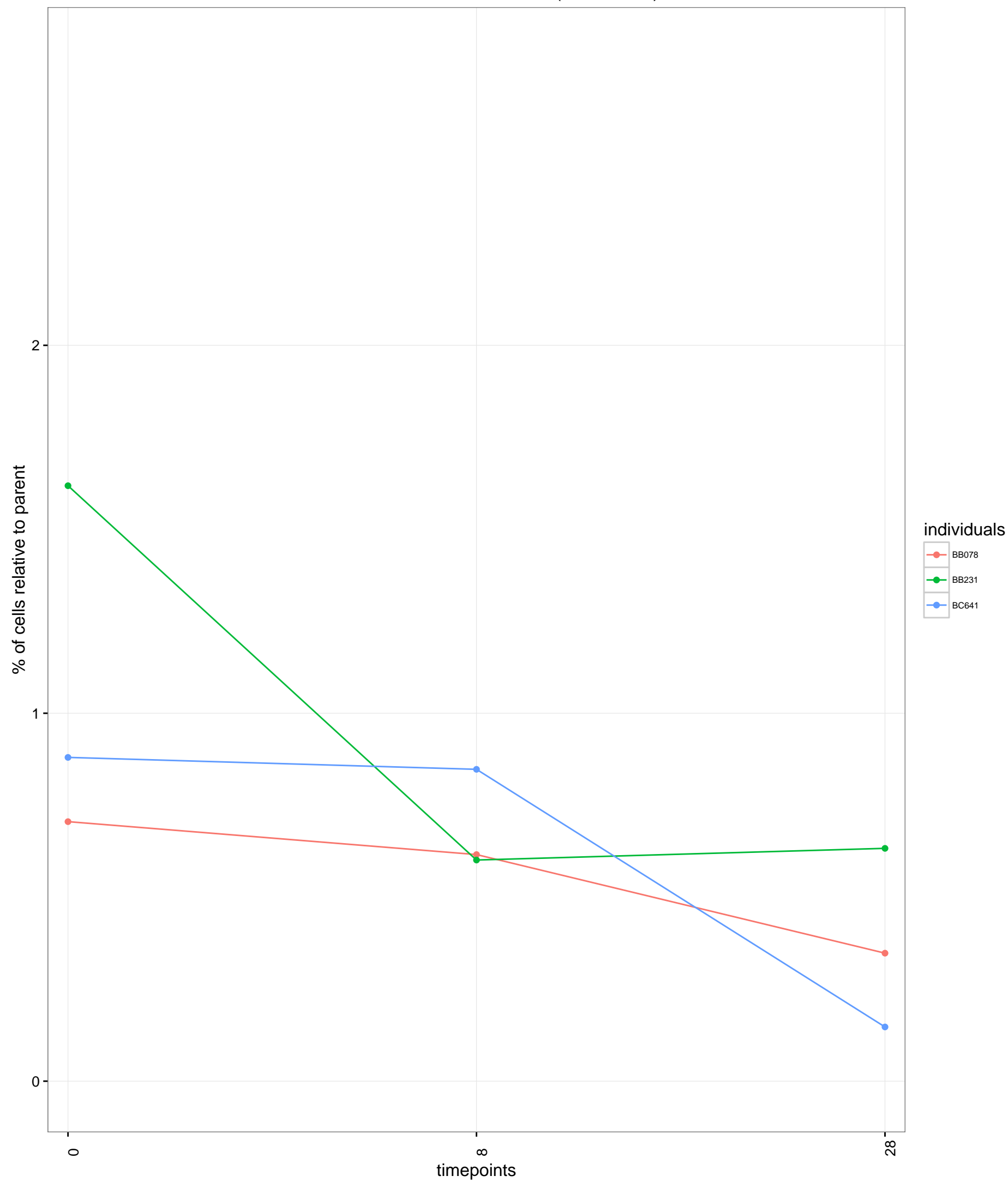
Kinetics Viewer – cluster 39 ( 201 cells)



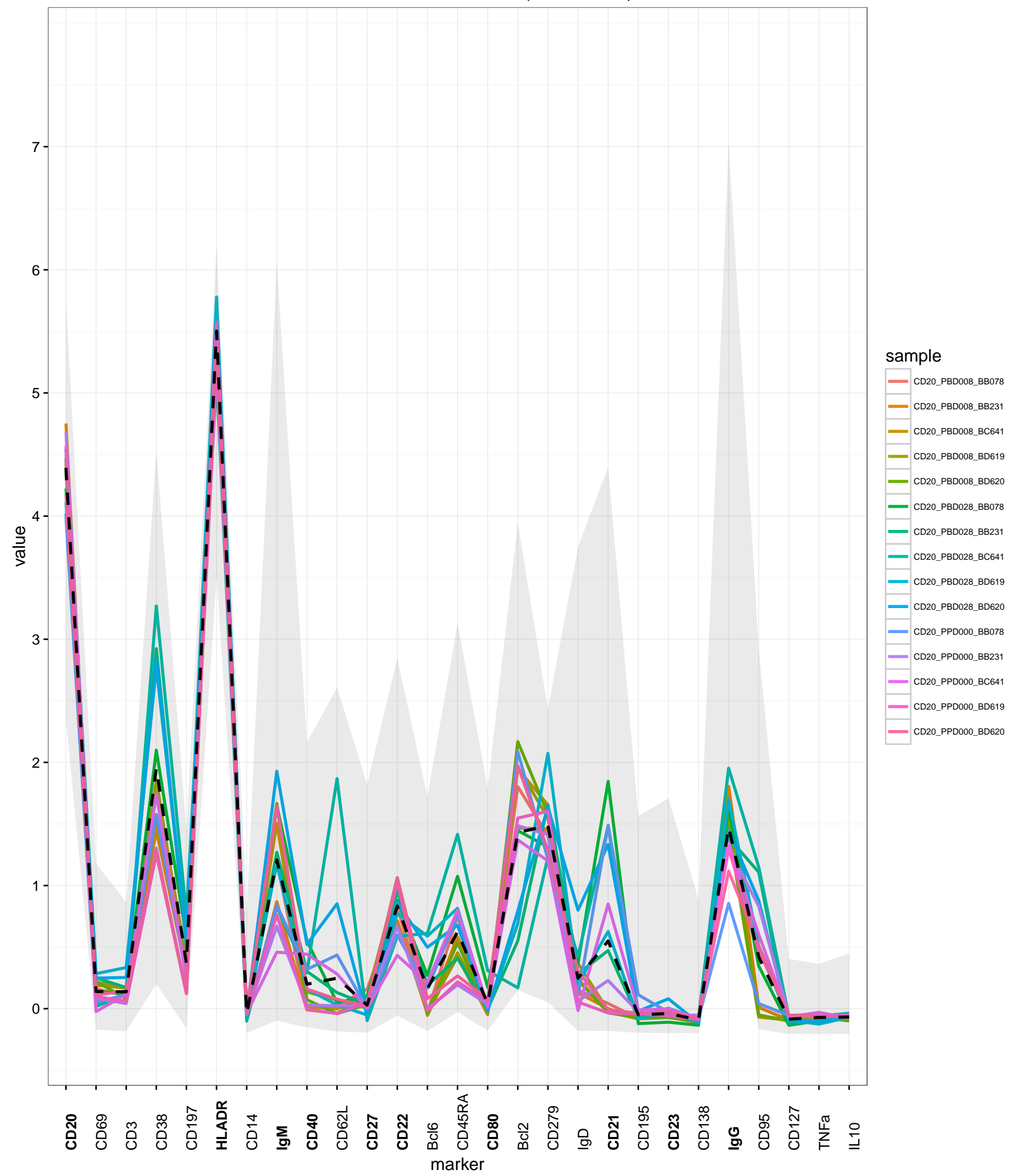
Pheno Viewer – cluster 39 (622 cells)



Kinetics Viewer – cluster 40 ( 708 cells)

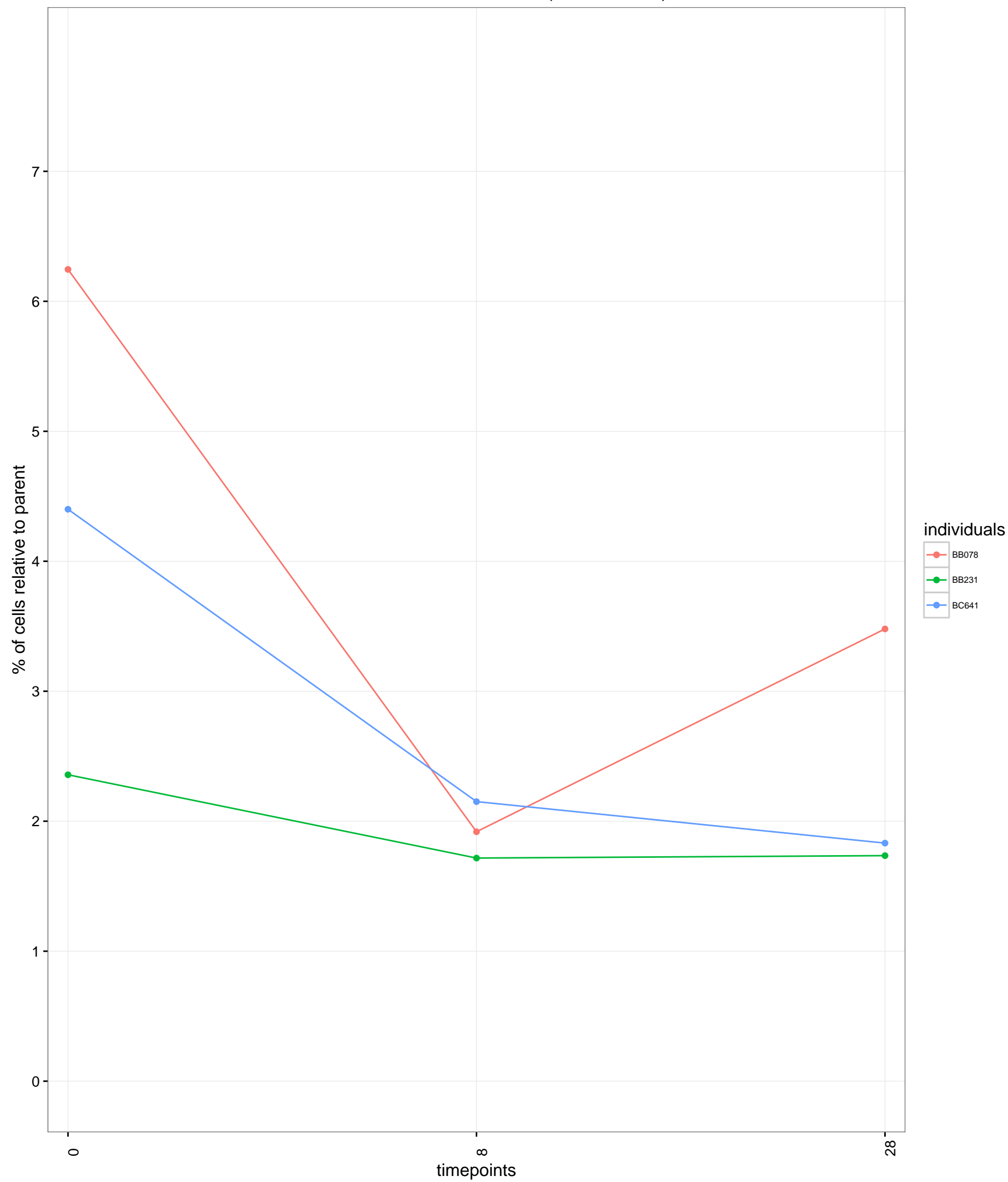


Pheno Viewer – cluster 40 (2 164 cells)

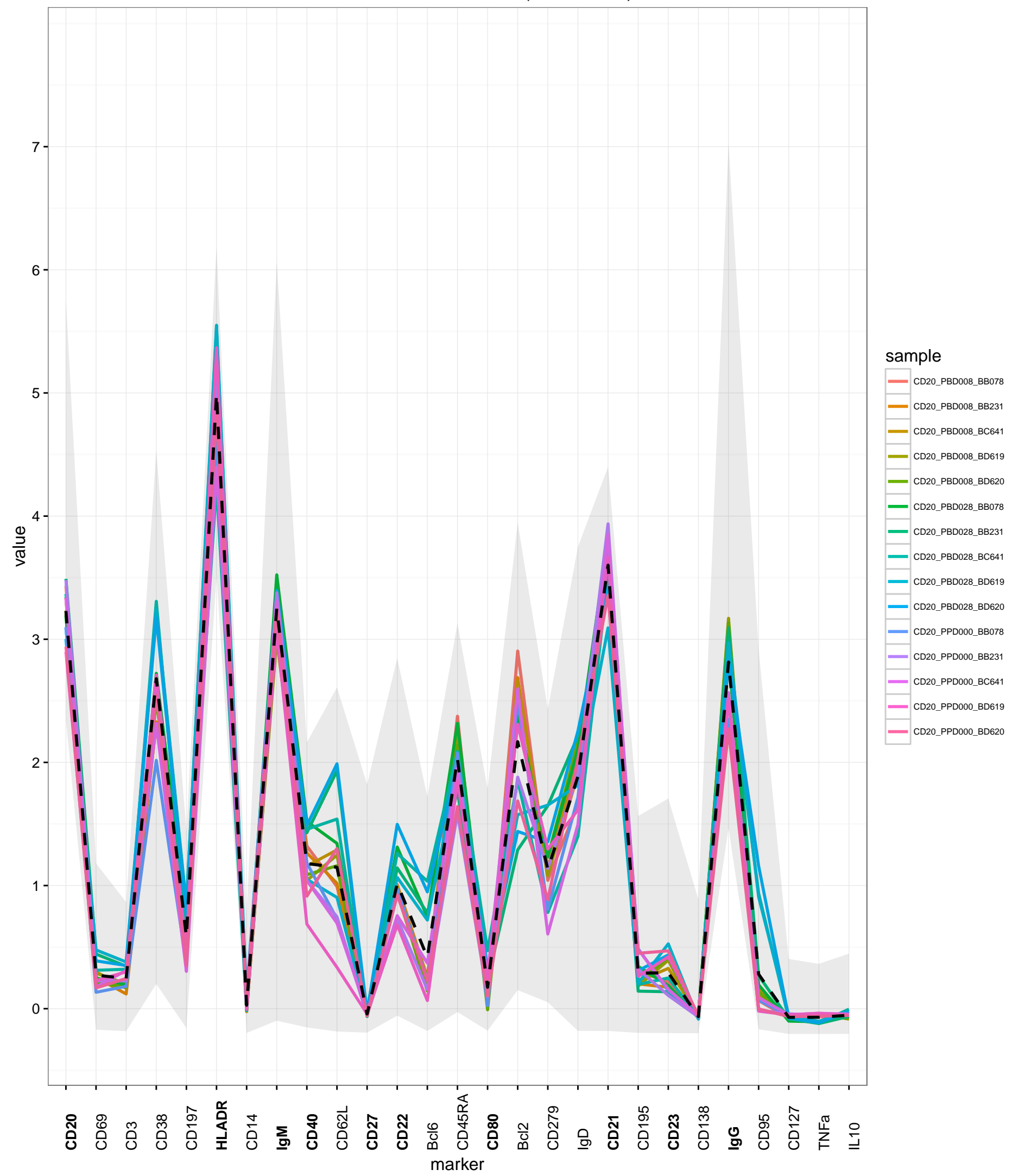




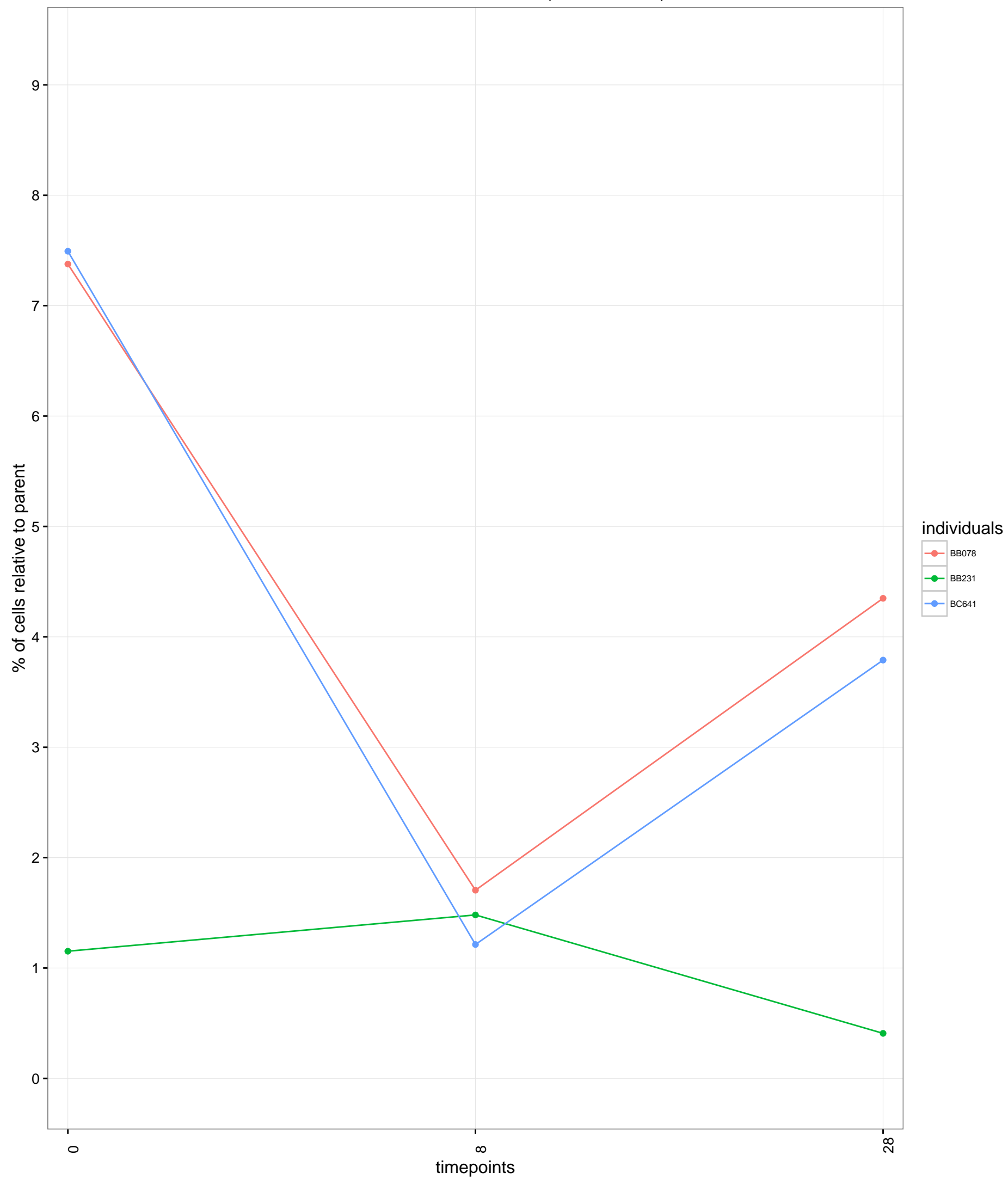
Kinetics Viewer – cluster 41 ( 2 314 cells)



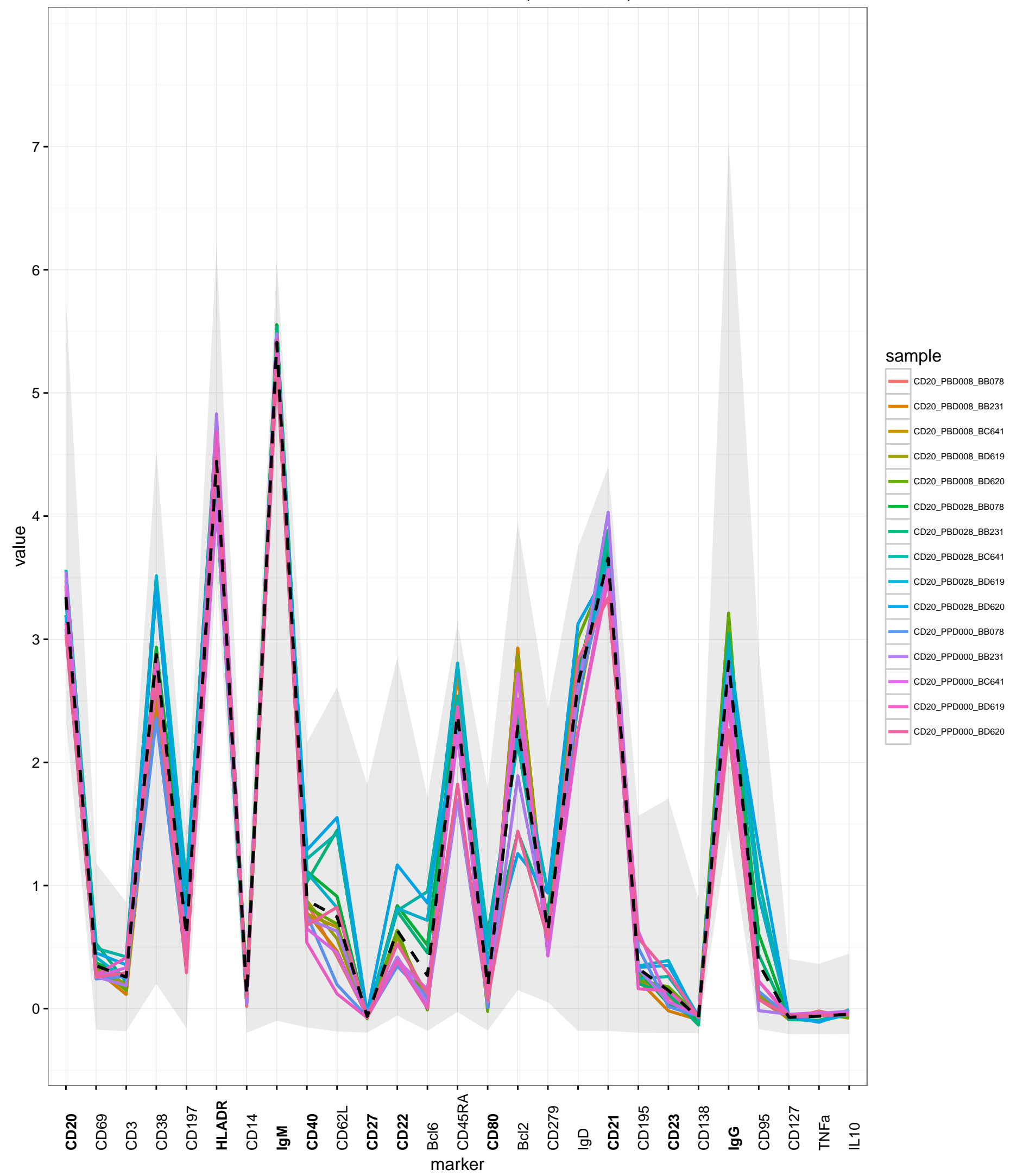
Pheno Viewer – cluster 41 (7 045 cells)



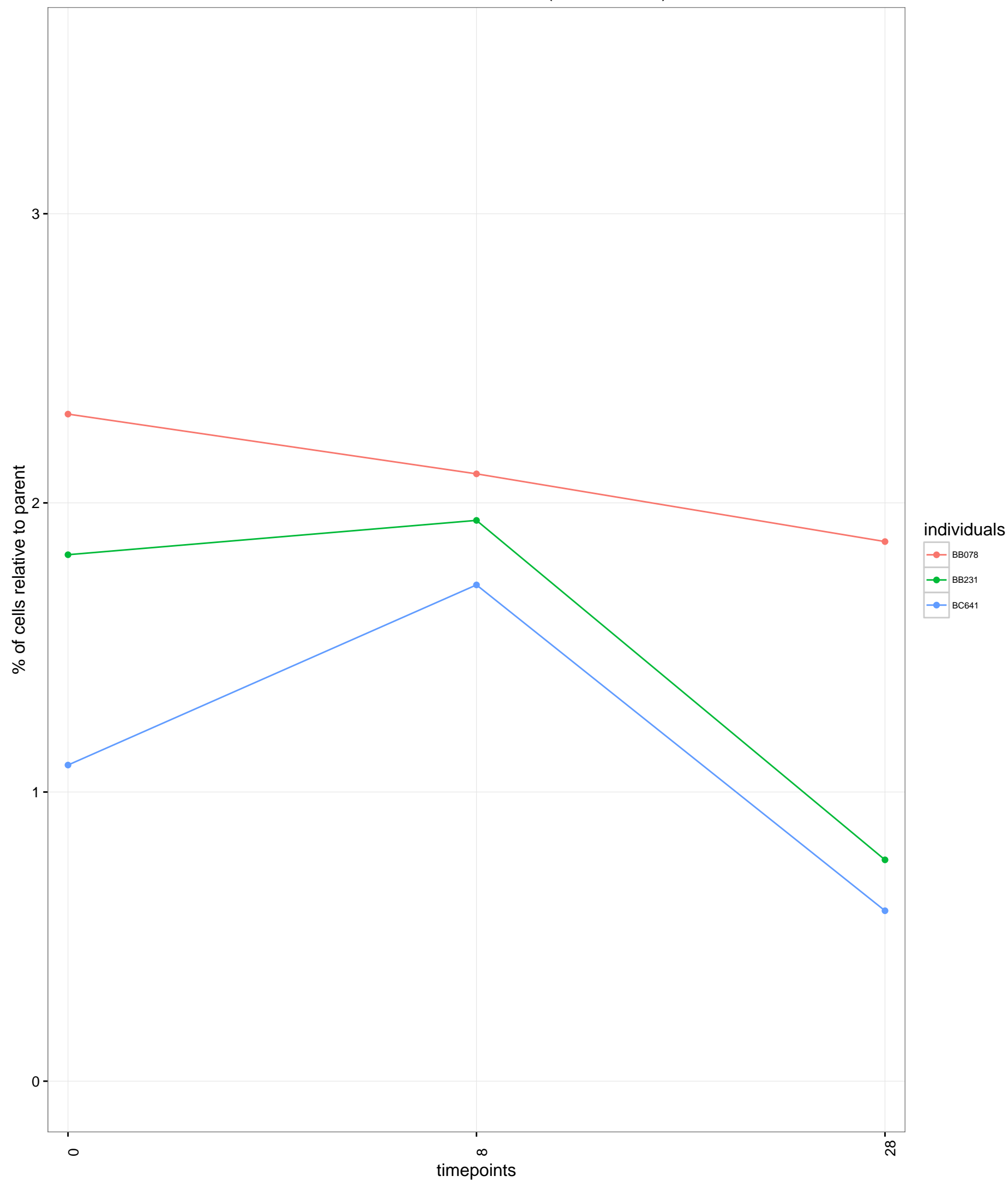
Kinetics Viewer – cluster 42 ( 2 140 cells)



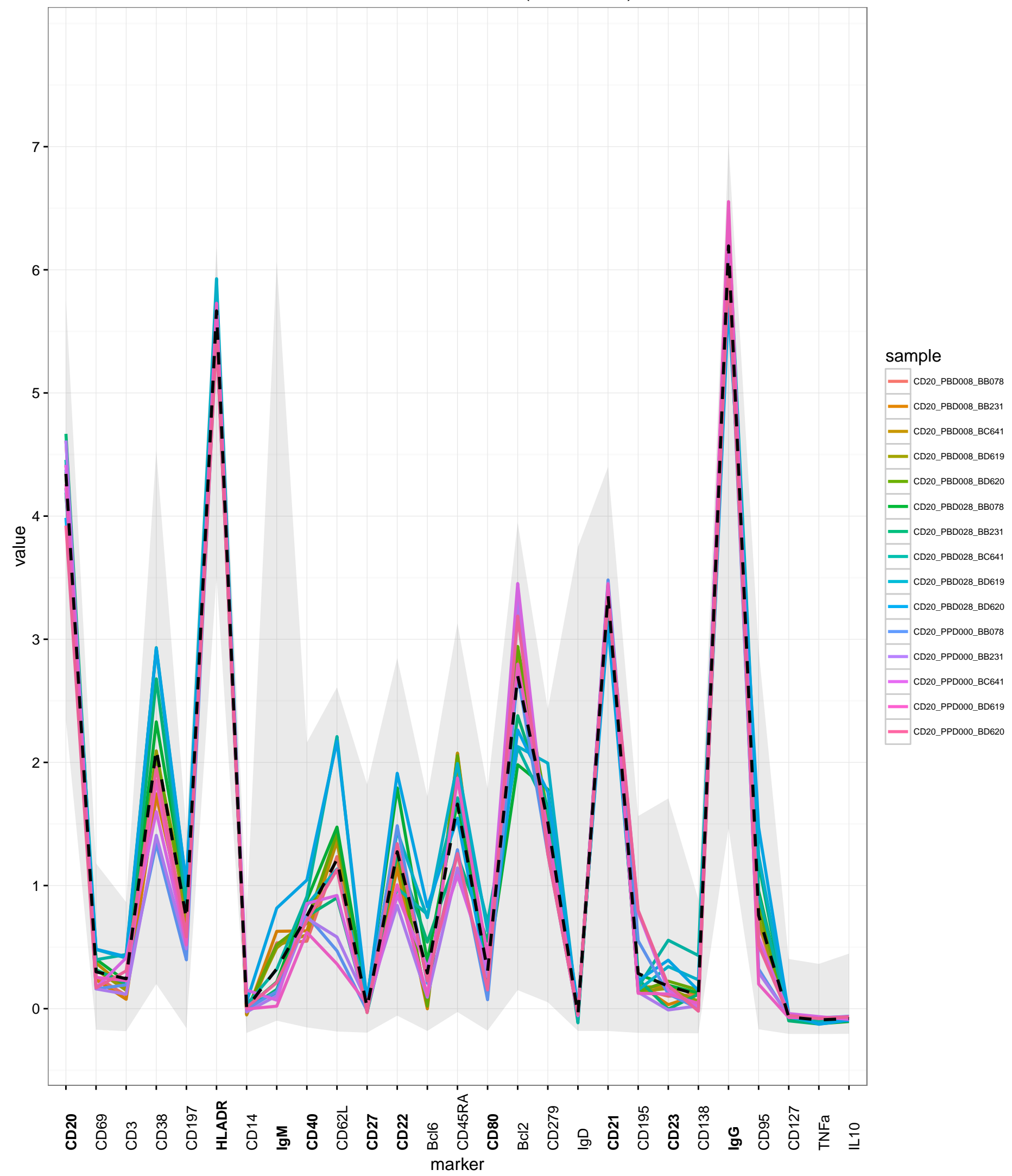
Pheno Viewer – cluster 42 (4 045 cells)



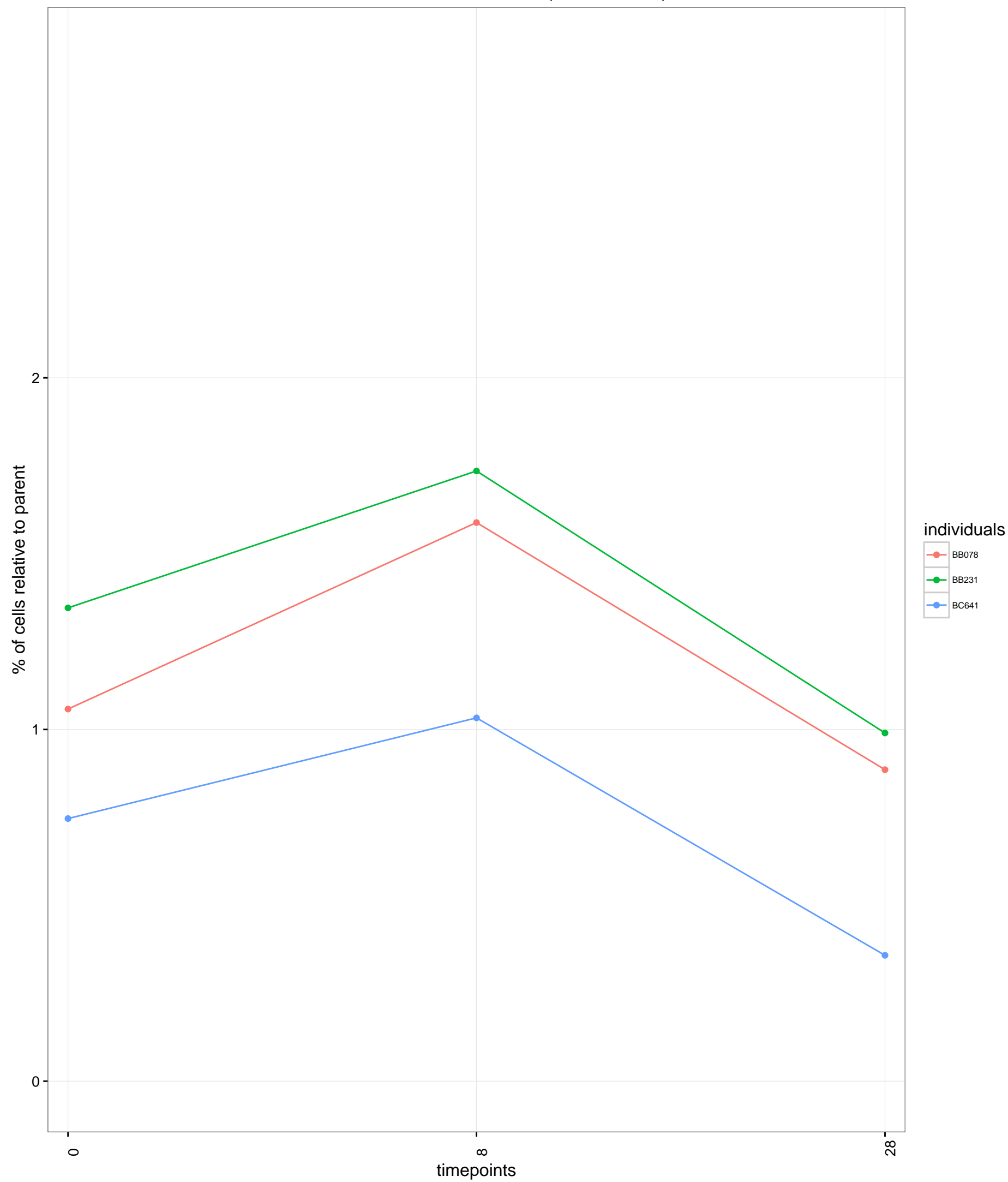
Kinetics Viewer – cluster 43 ( 1 587 cells)



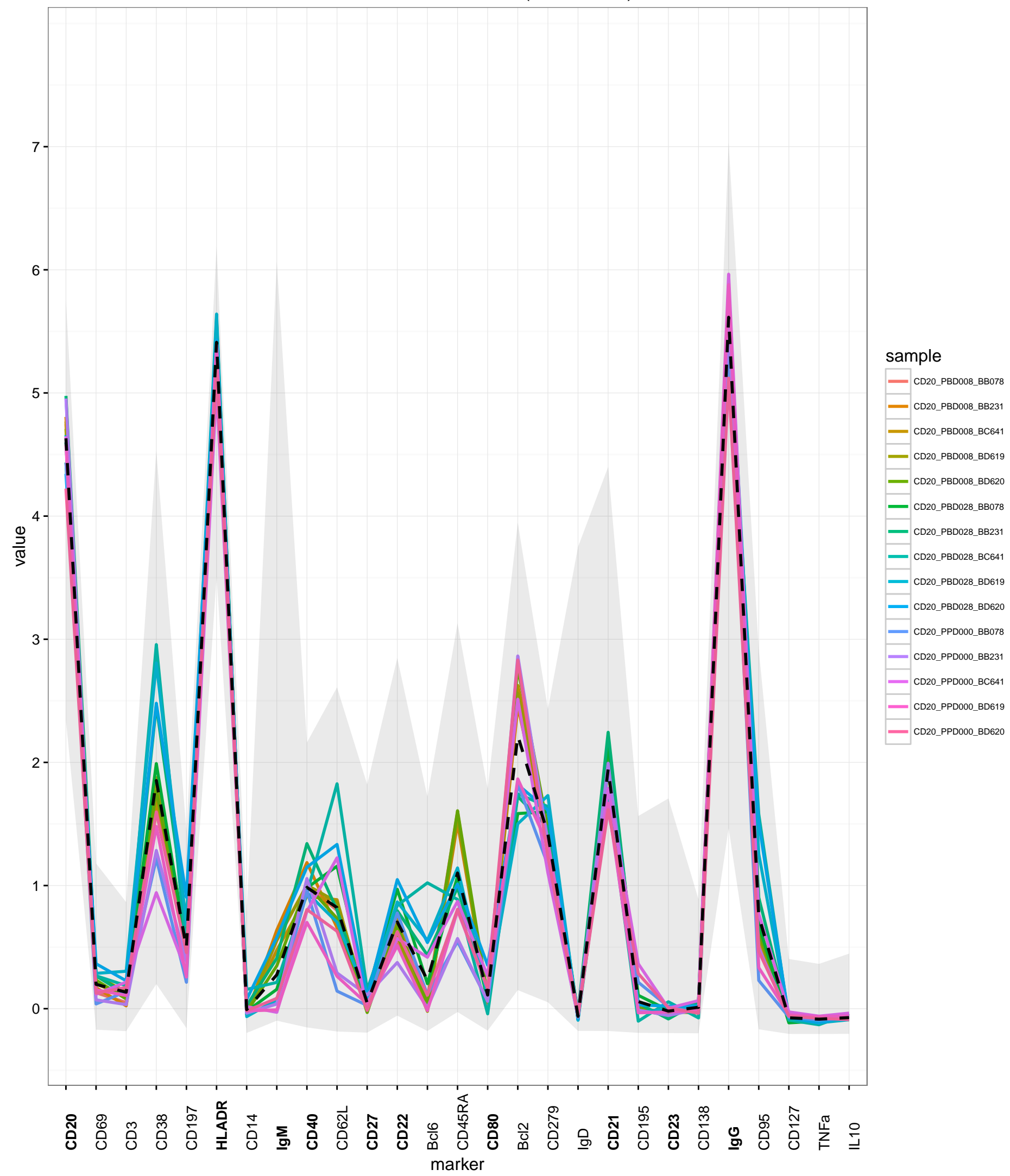
Pheno Viewer – cluster 43 (3 398 cells)



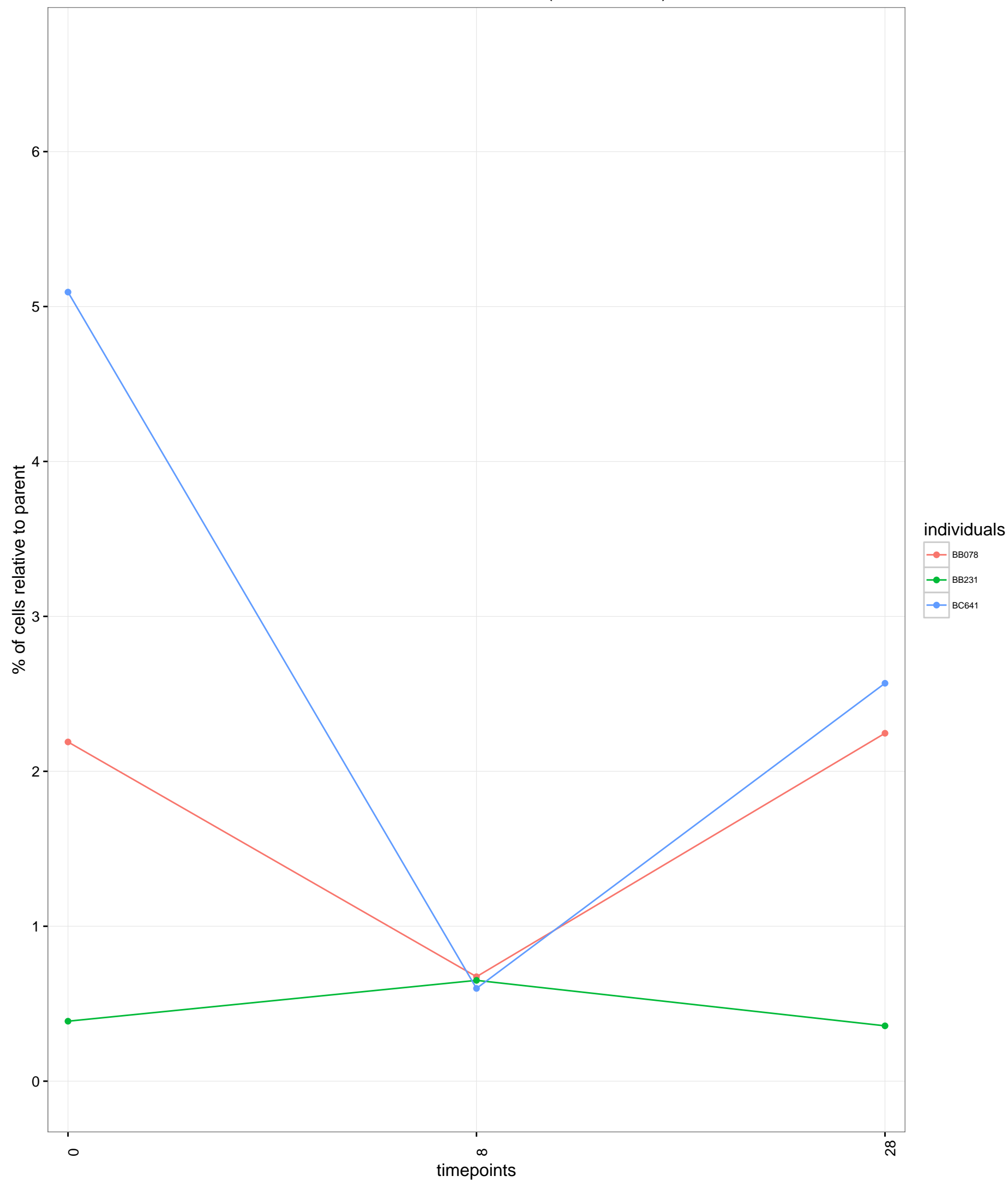
Kinetics Viewer – cluster 44 ( 1 143 cells)



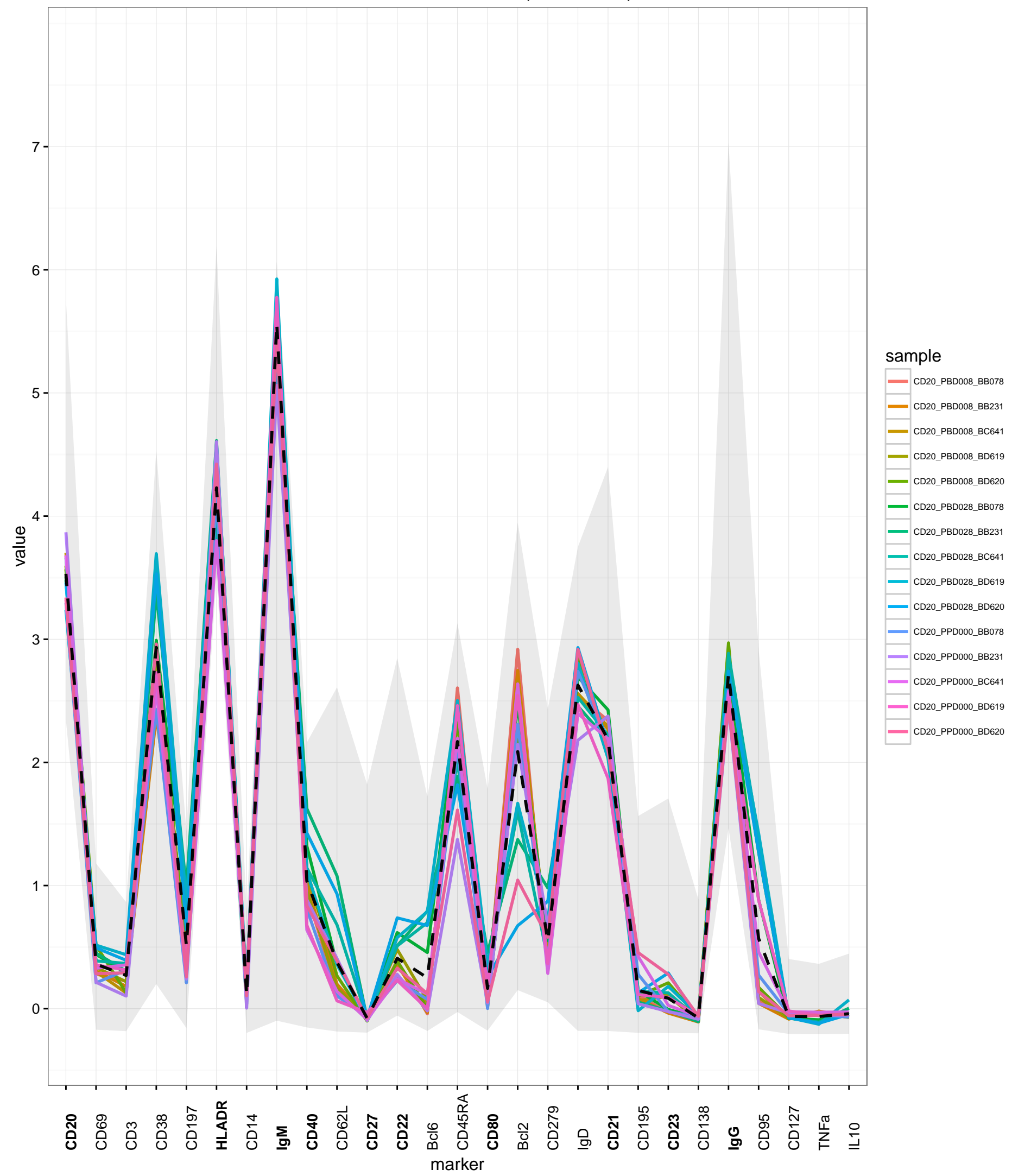
Pheno Viewer – cluster 44 (1 995 cells)



Kinetics Viewer – cluster 45 ( 1 005 cells)

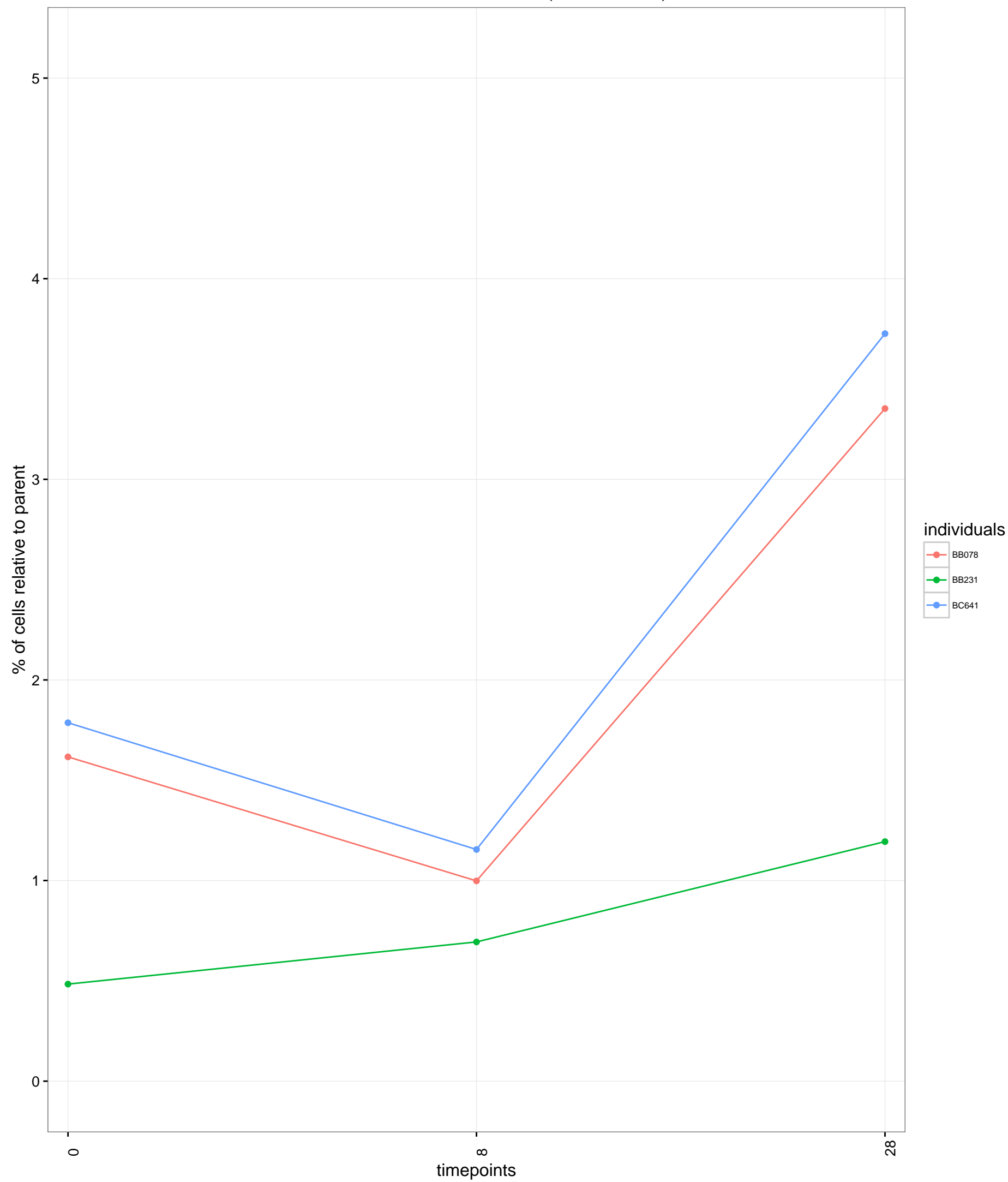


Pheno Viewer – cluster 45 (2 141 cells)

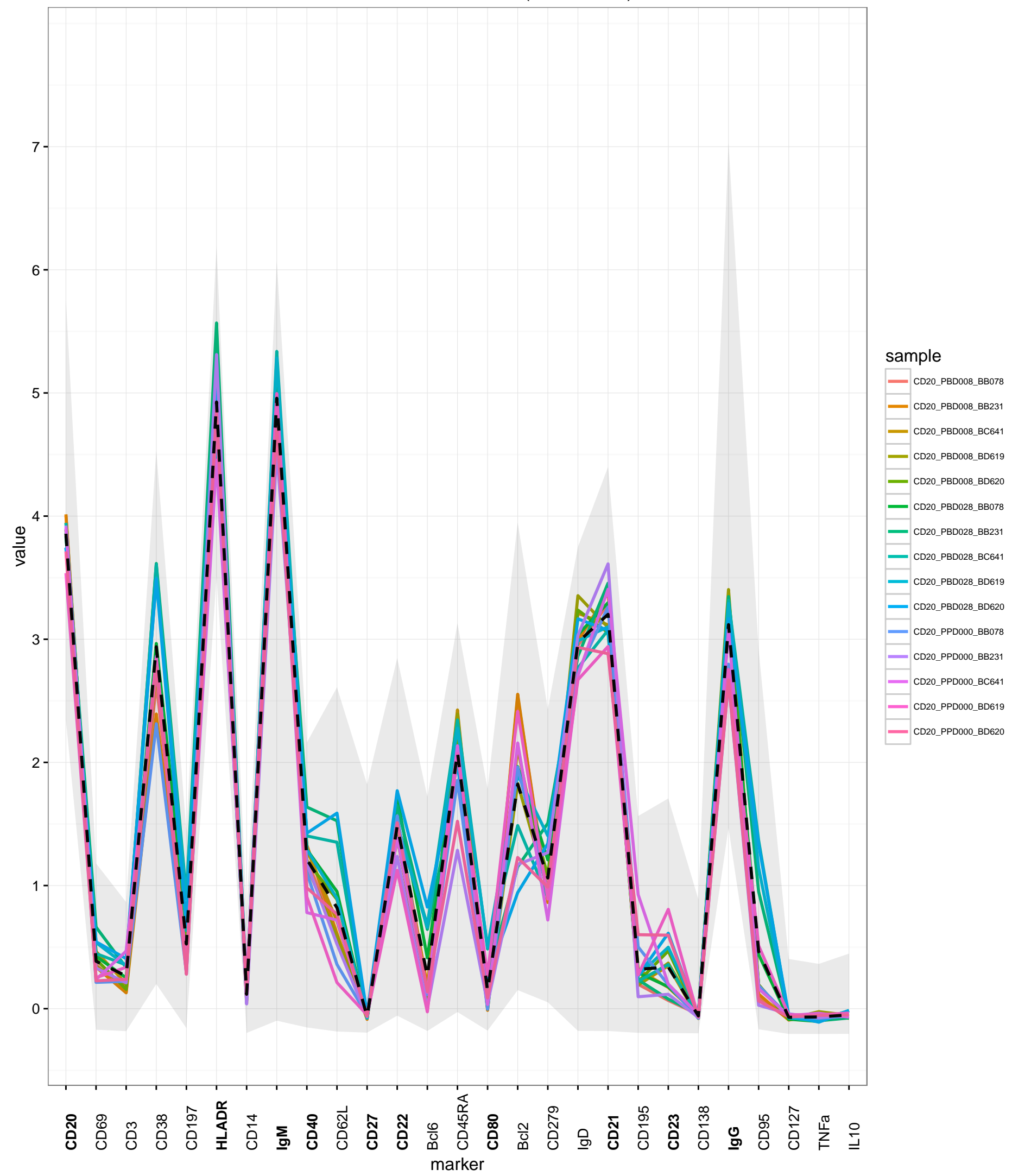




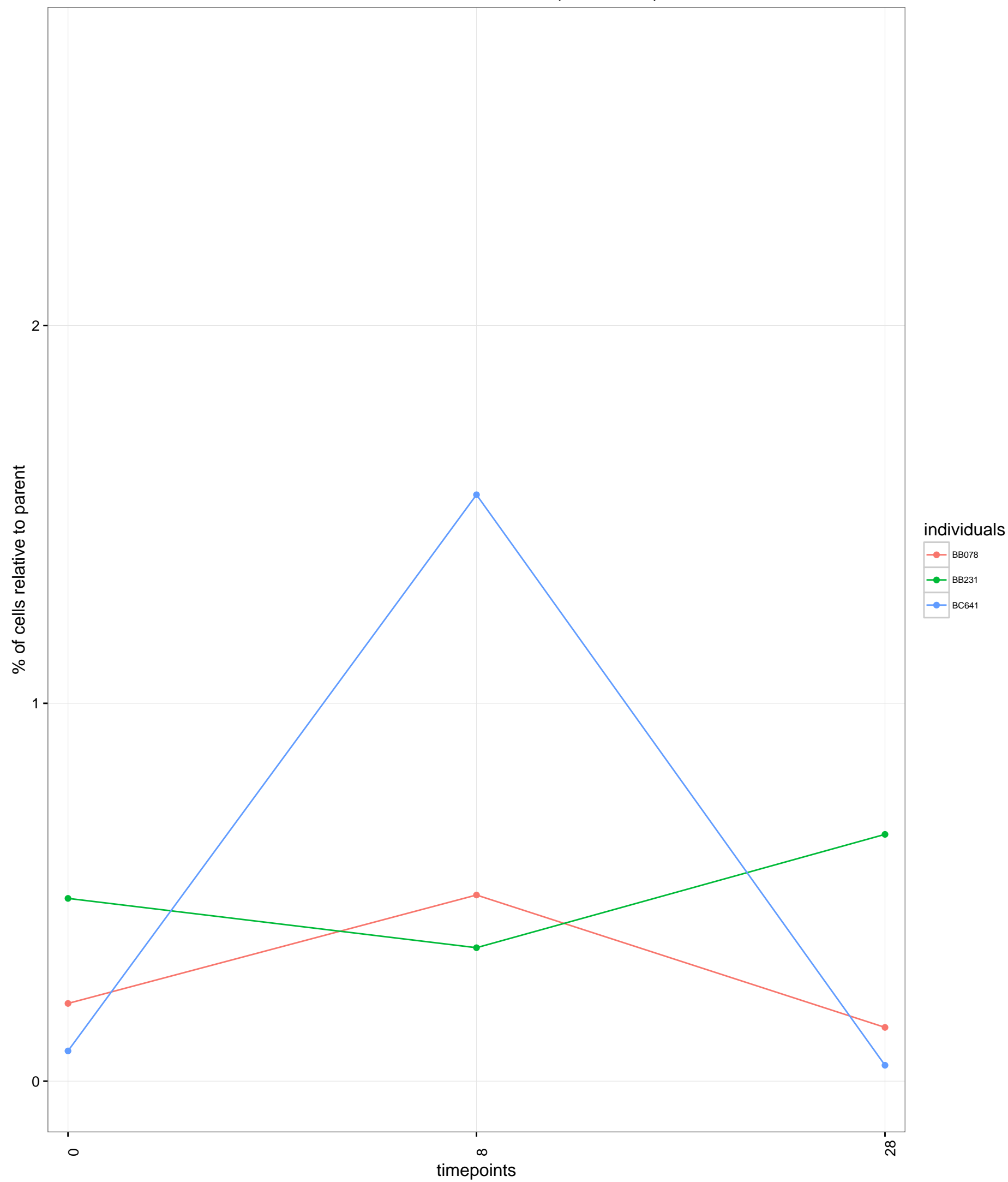
Kinetics Viewer – cluster 46 ( 1 222 cells)



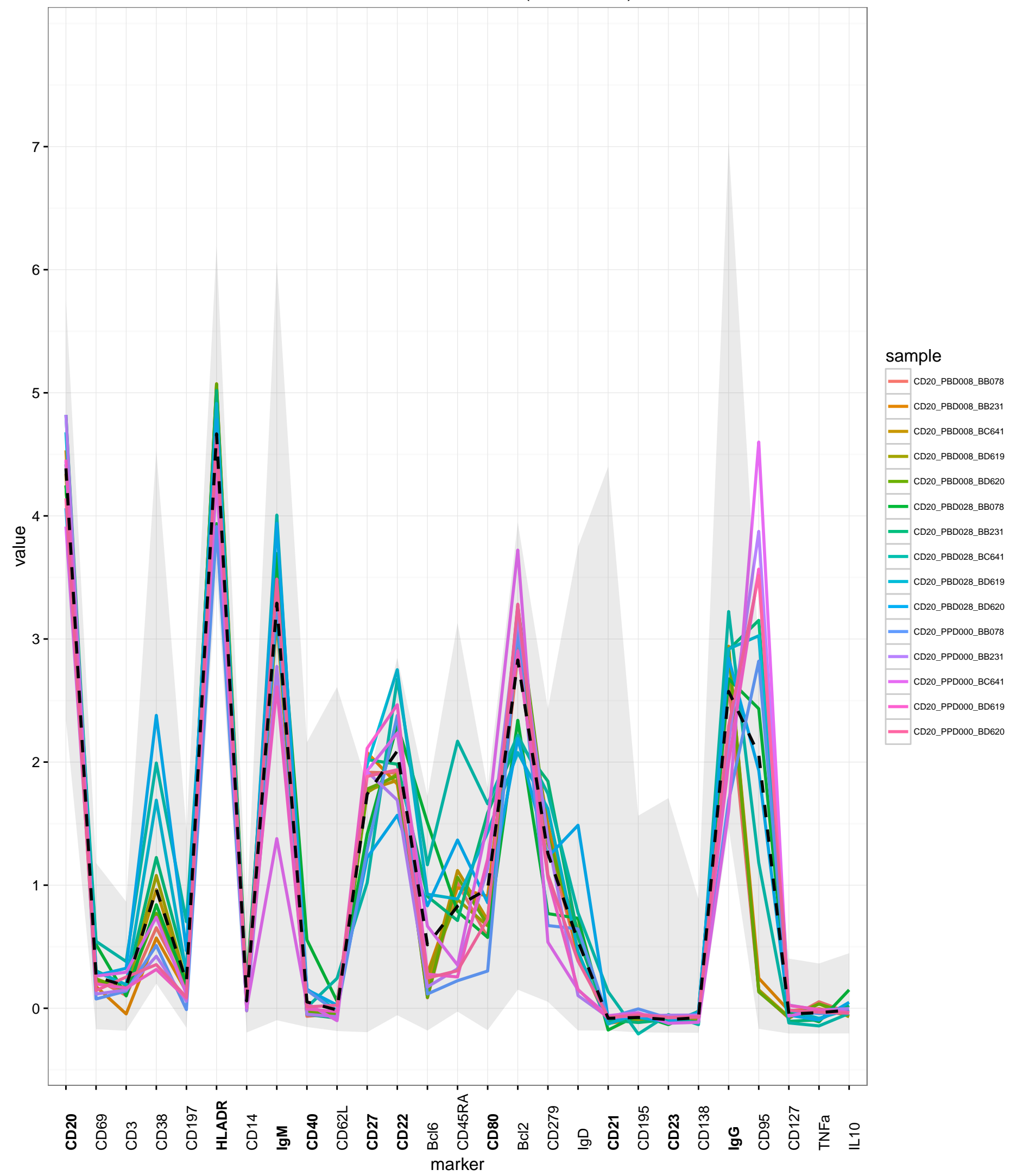
Pheno Viewer – cluster 46 (4 011 cells)



Kinetics Viewer – cluster 47 ( 573 cells)

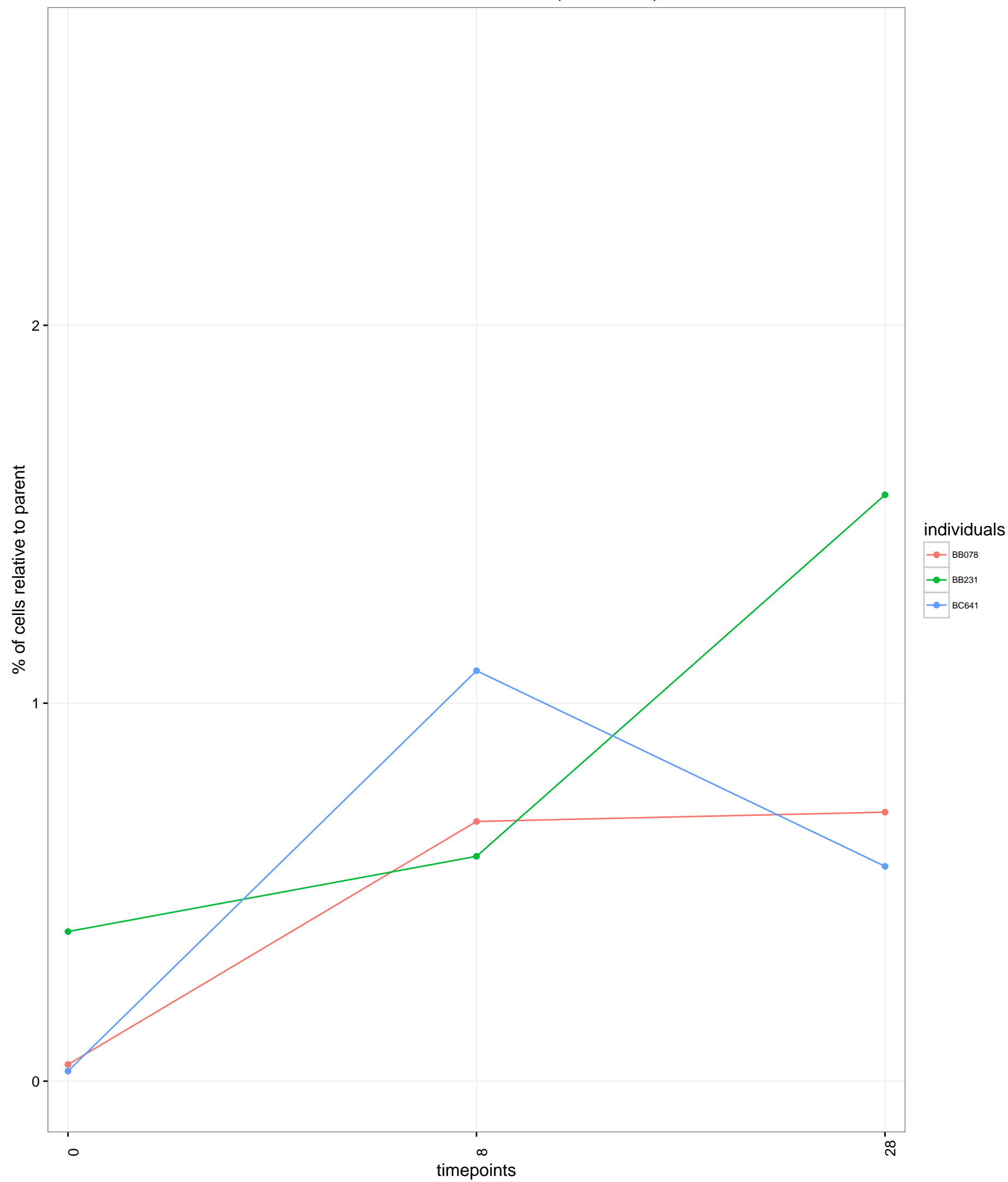


Pheno Viewer – cluster 47 (3 168 cells)

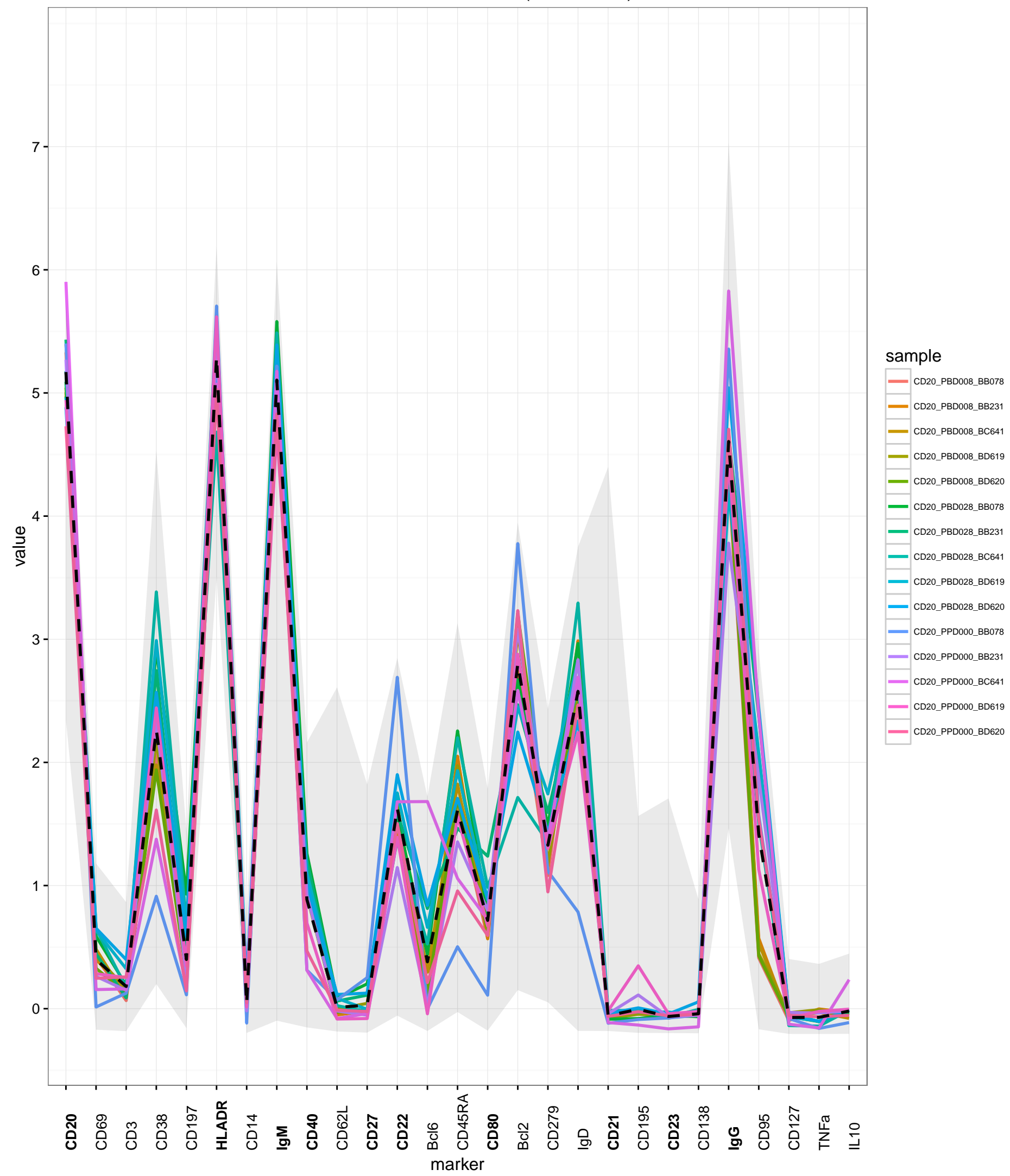




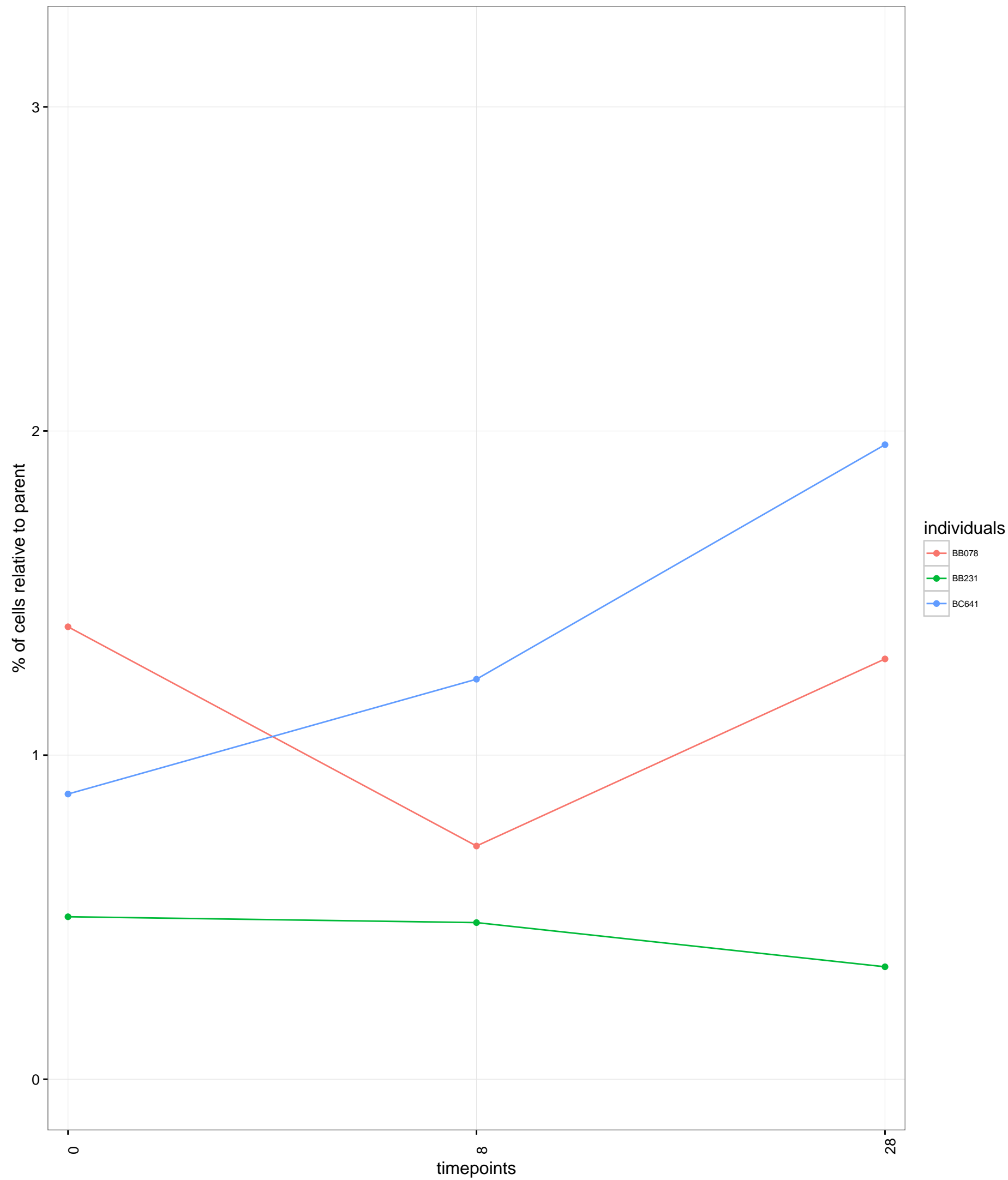
Kinetics Viewer – cluster 48 ( 680 cells)



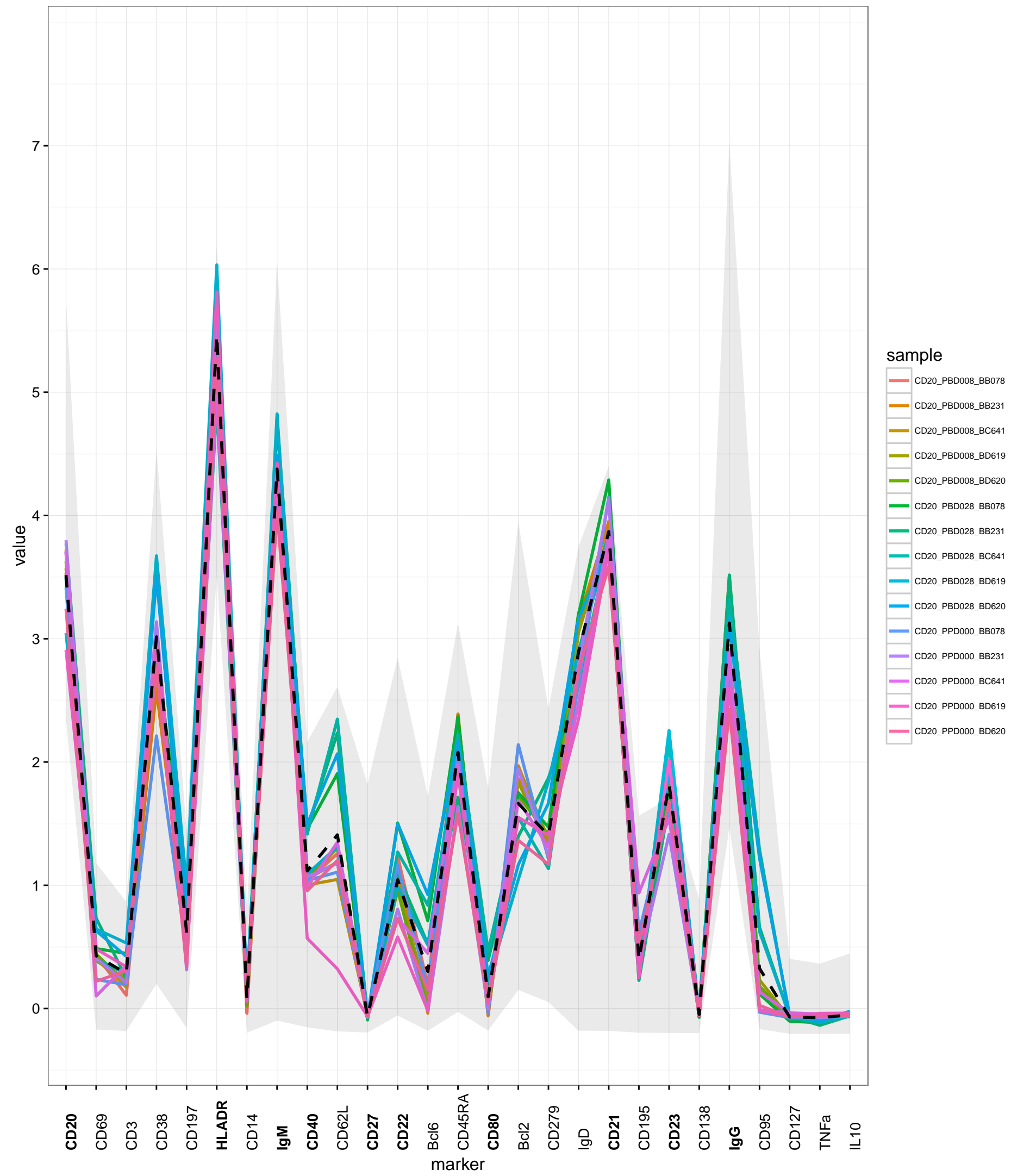
Pheno Viewer – cluster 48 (3 494 cells)



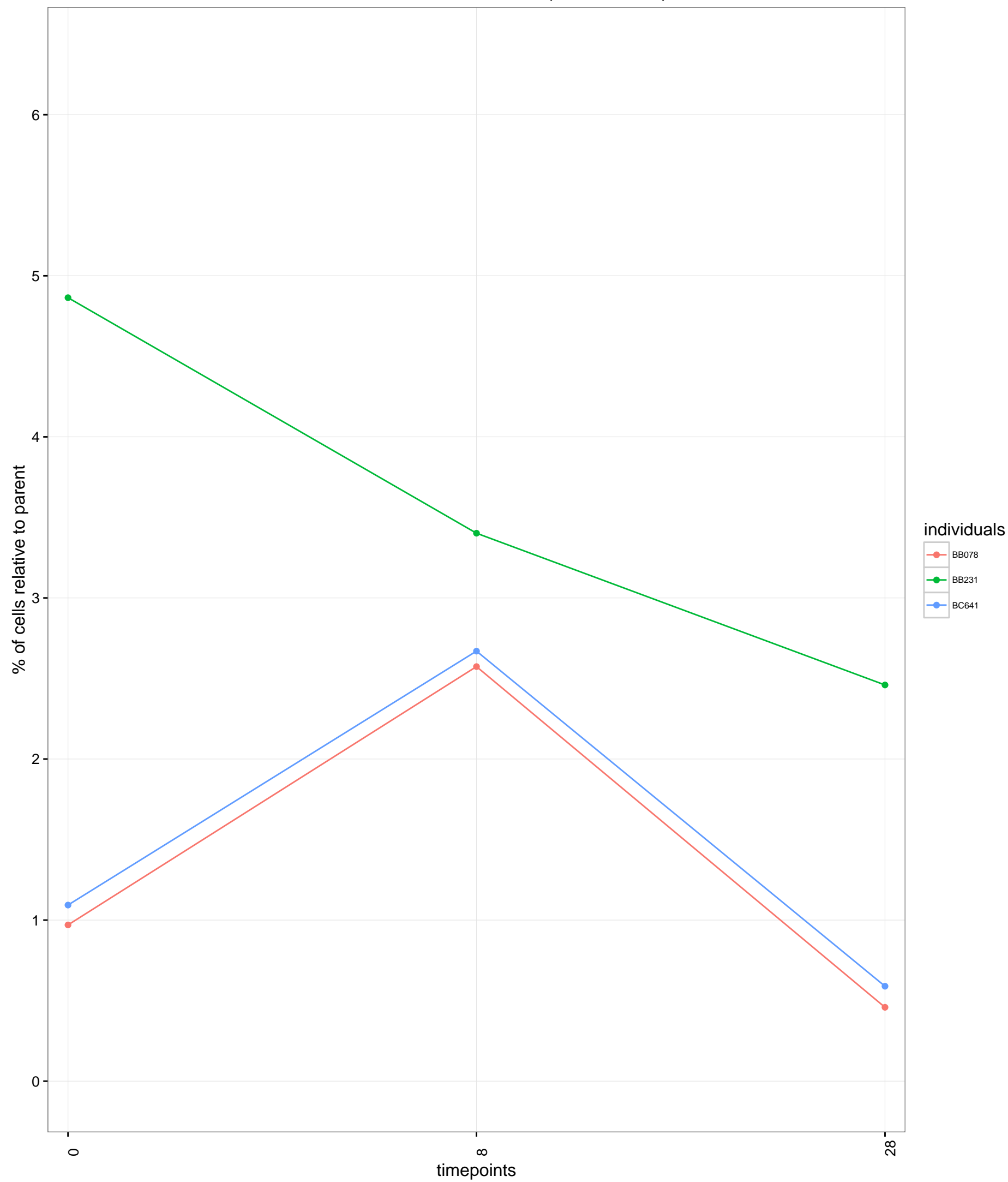
Kinetics Viewer – cluster 49 ( 816 cells)



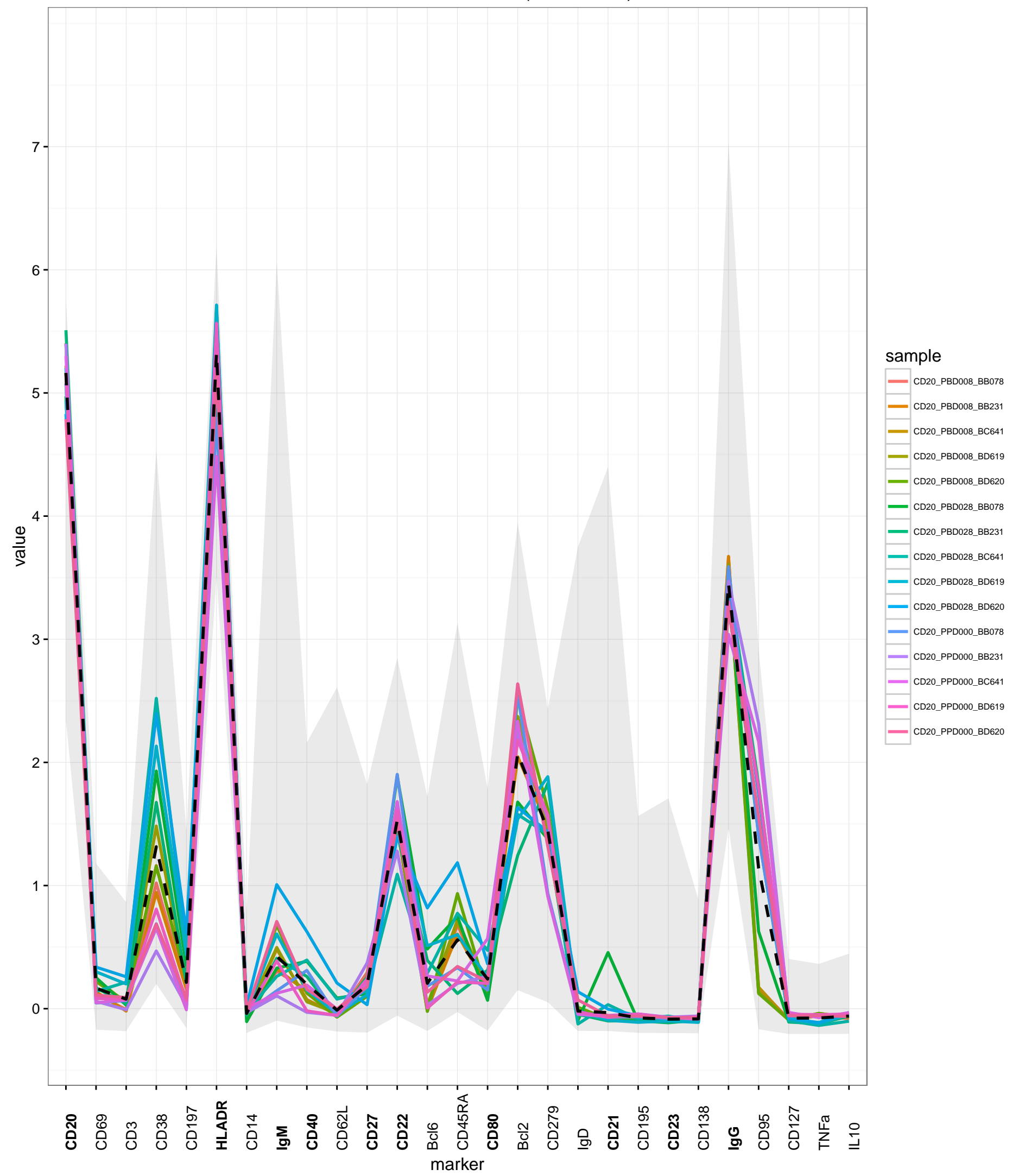
Pheno Viewer – cluster 49 (4 096 cells)



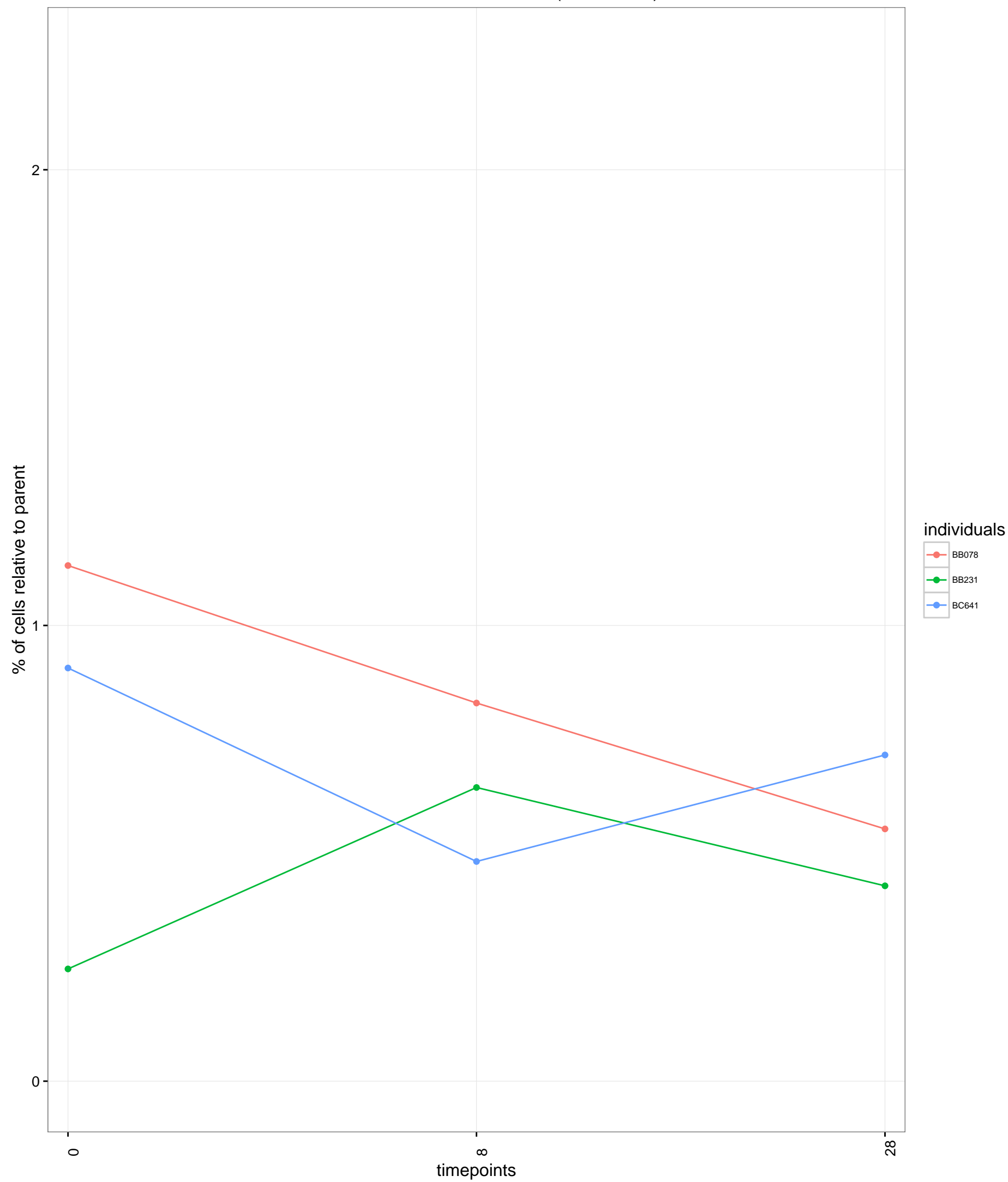
Kinetics Viewer – cluster 50 ( 2 408 cells)



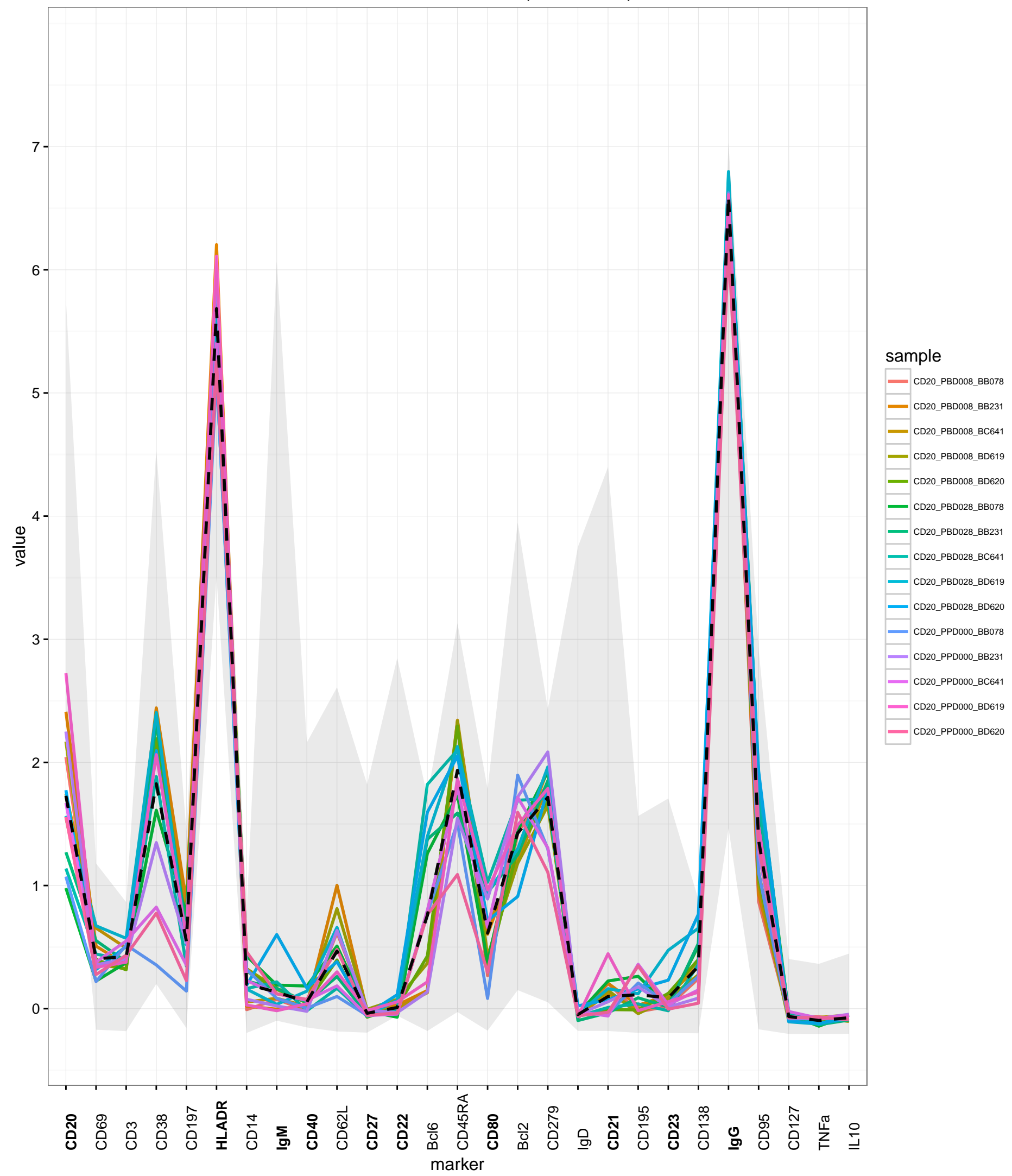
Pheno Viewer – cluster 50 (4 953 cells)



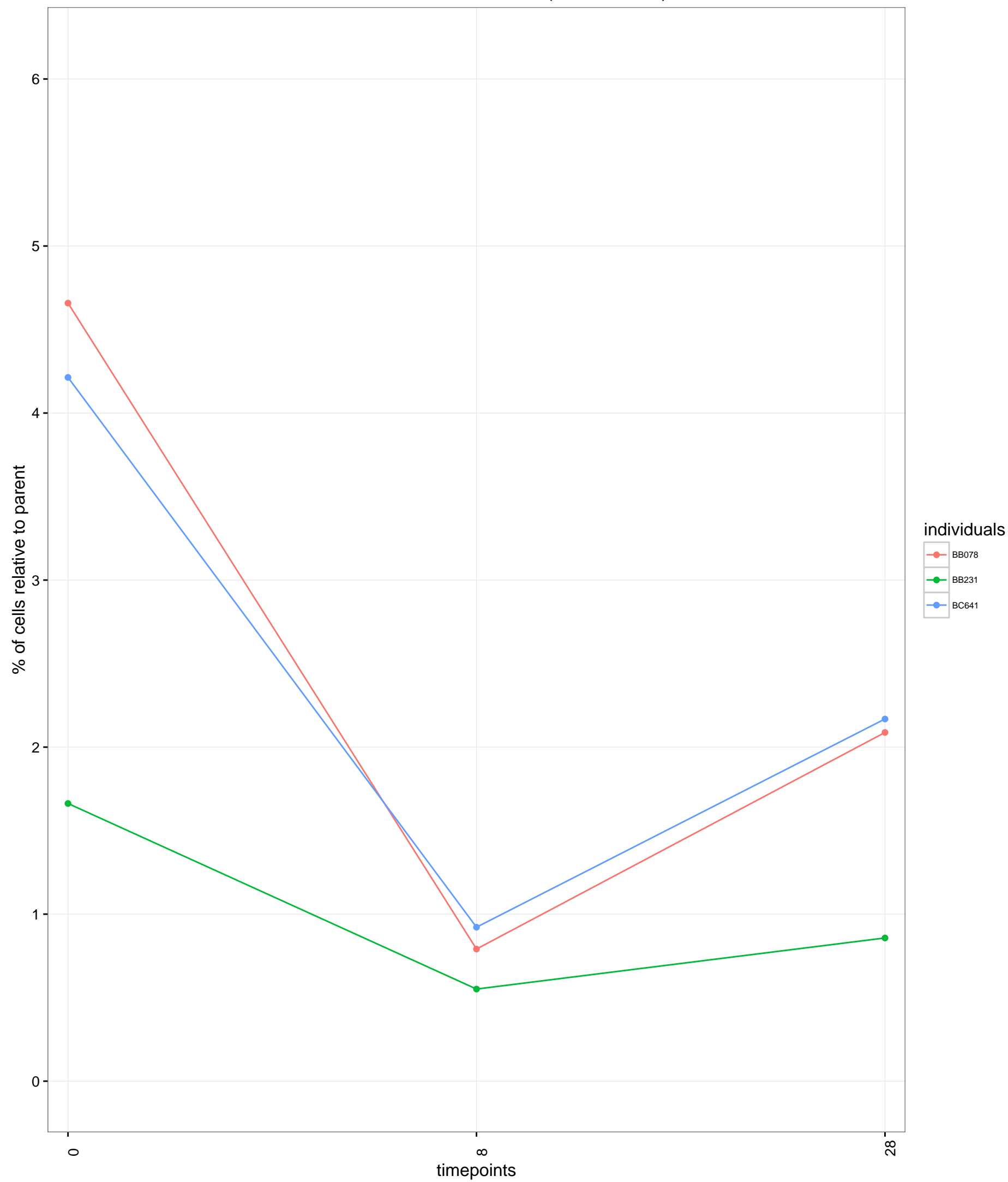
Kinetics Viewer – cluster 51 ( 573 cells)



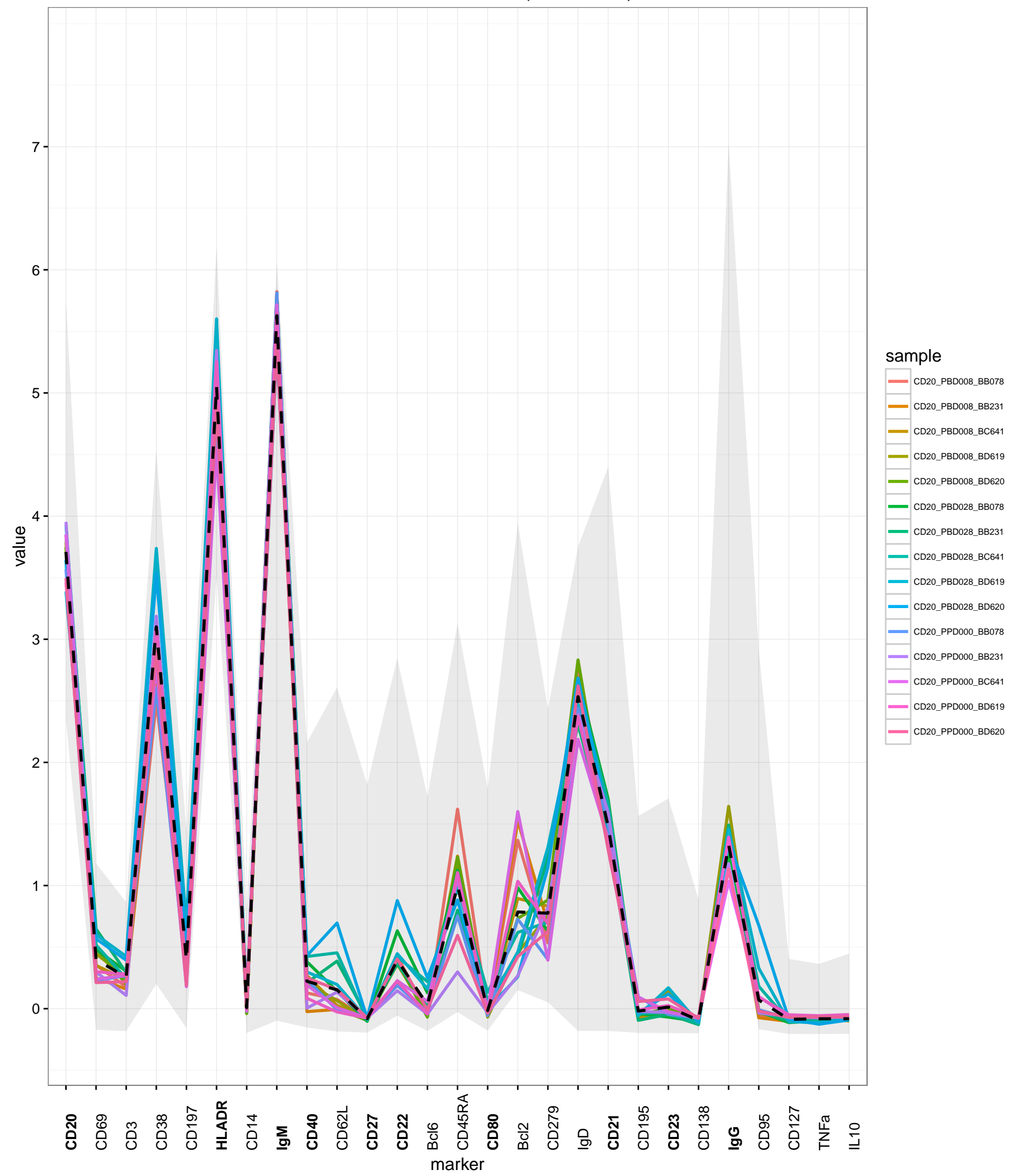
Pheno Viewer – cluster 51 (1 071 cells)



Kinetics Viewer – cluster 52 ( 1 368 cells)

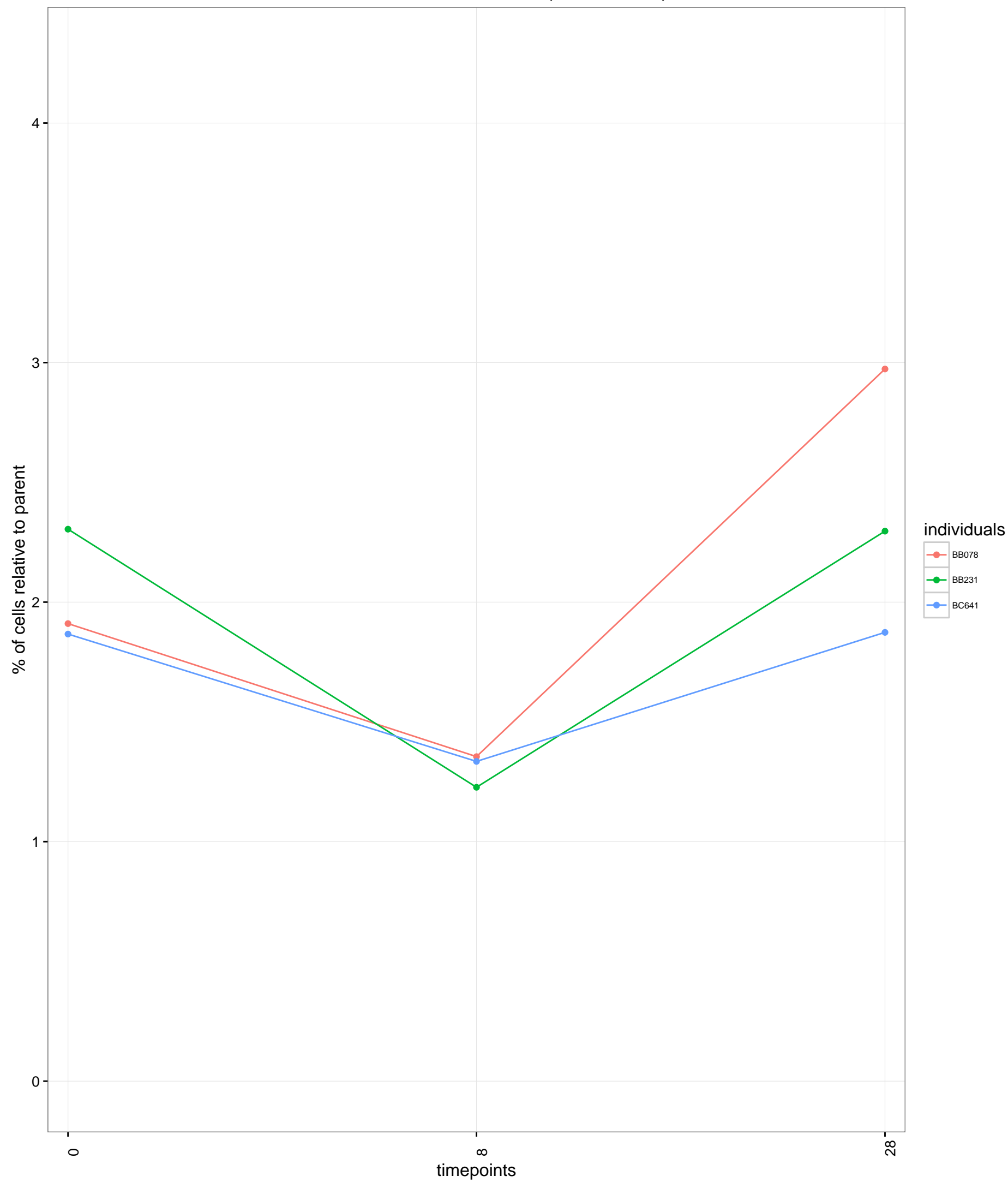


Pheno Viewer – cluster 52 (3 978 cells)

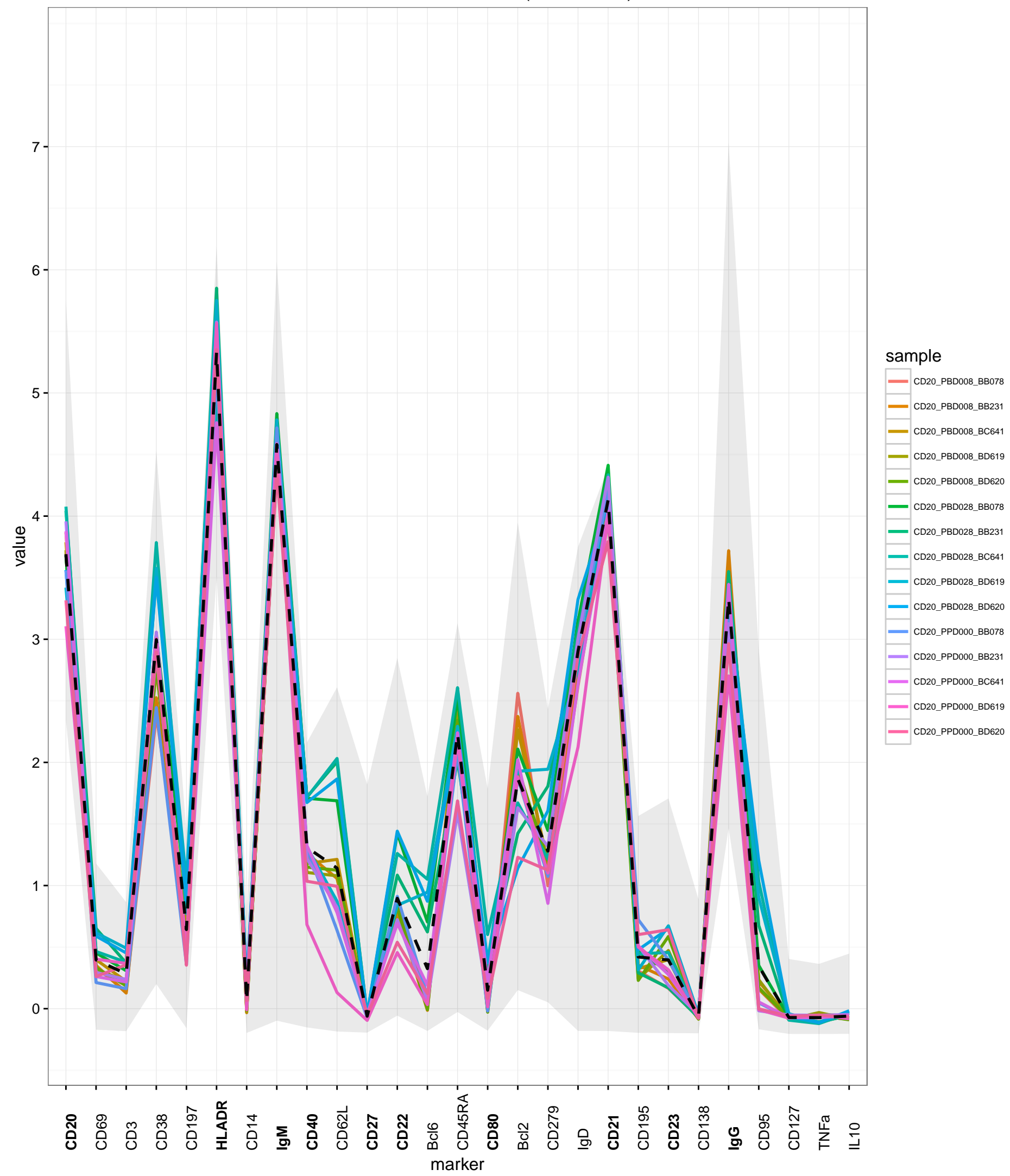




Kinetics Viewer – cluster 53 ( 1 623 cells)

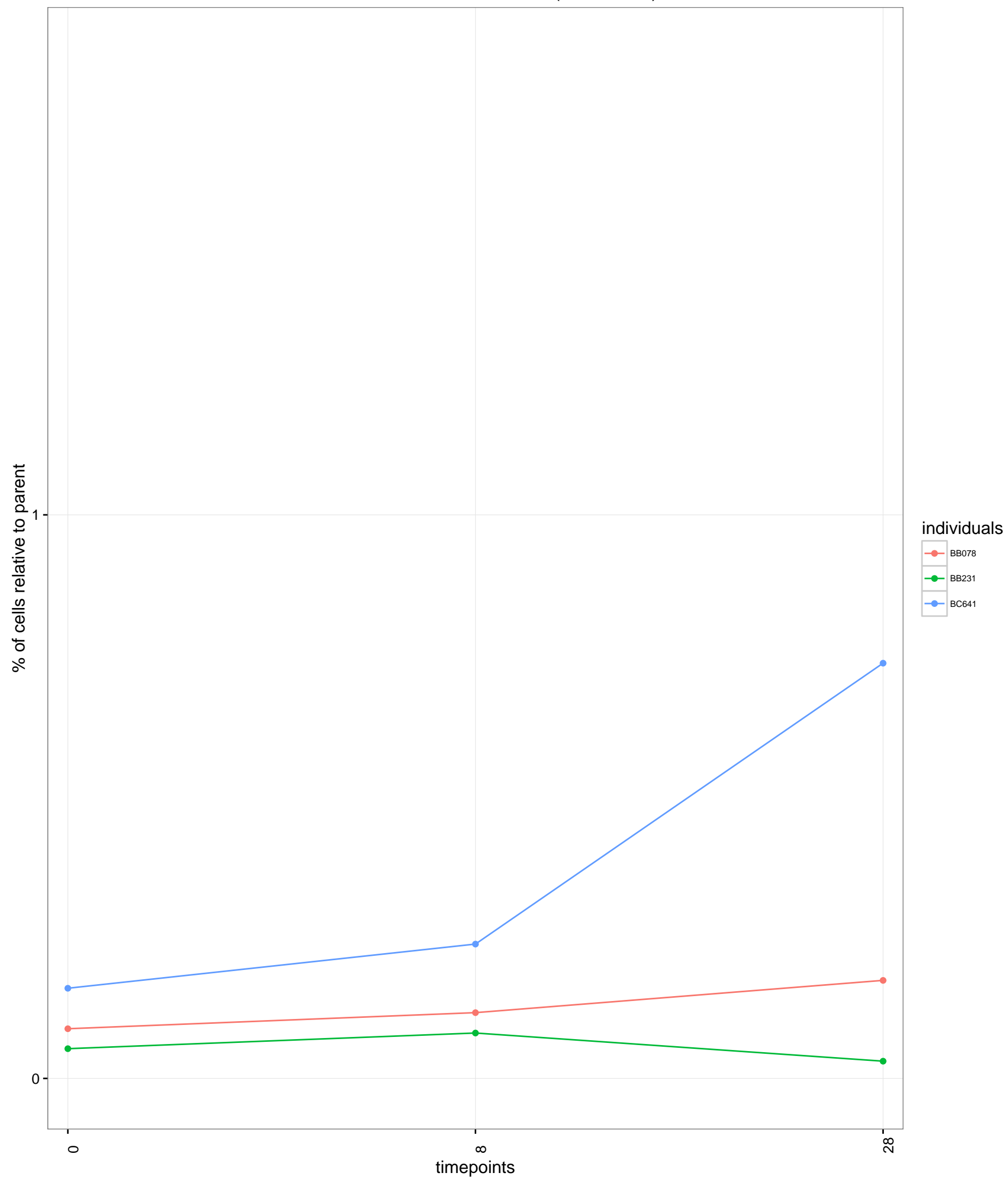


Pheno Viewer – cluster 53 (3 733 cells)

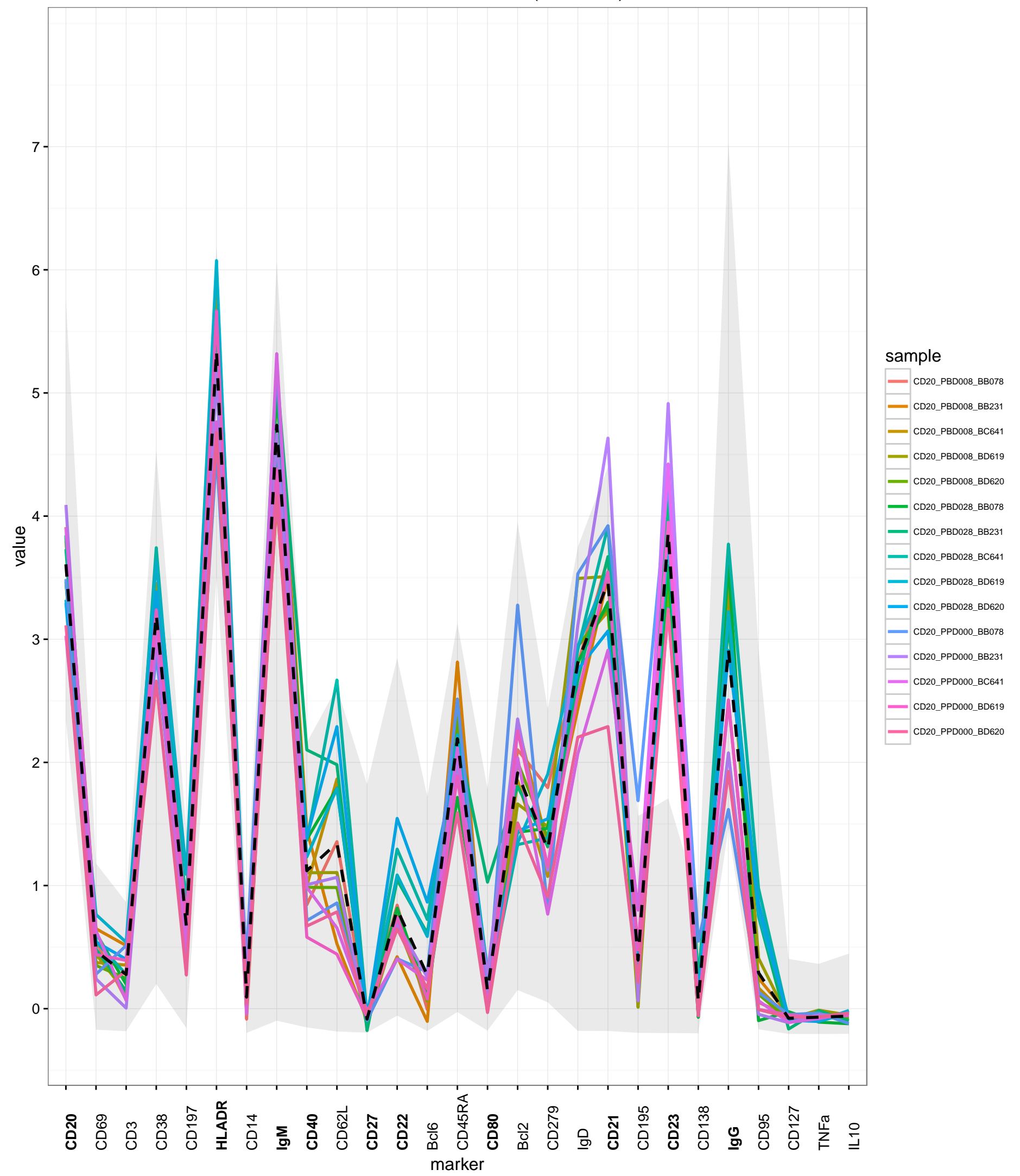




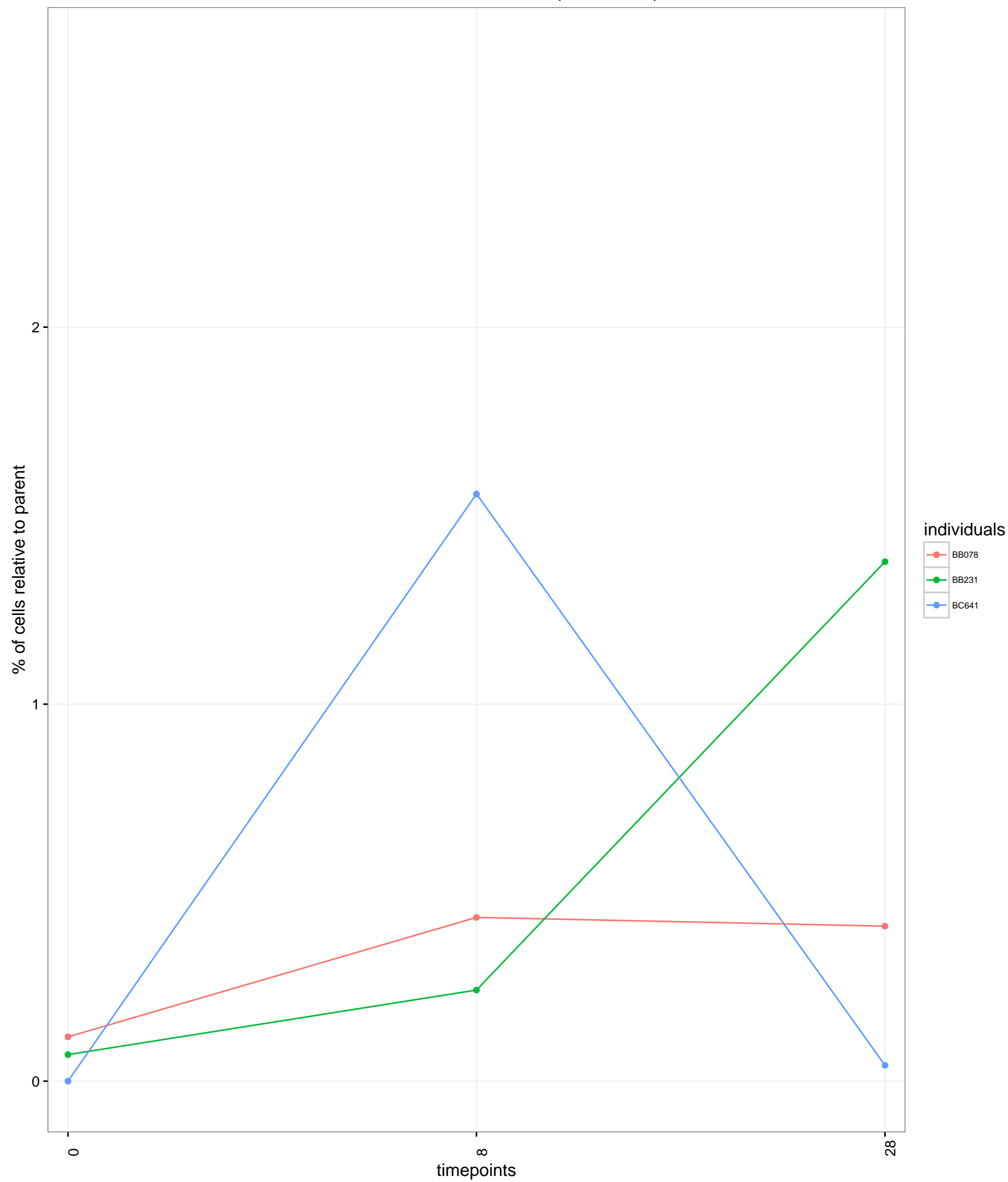
Kinetics Viewer – cluster 54 ( 143 cells)



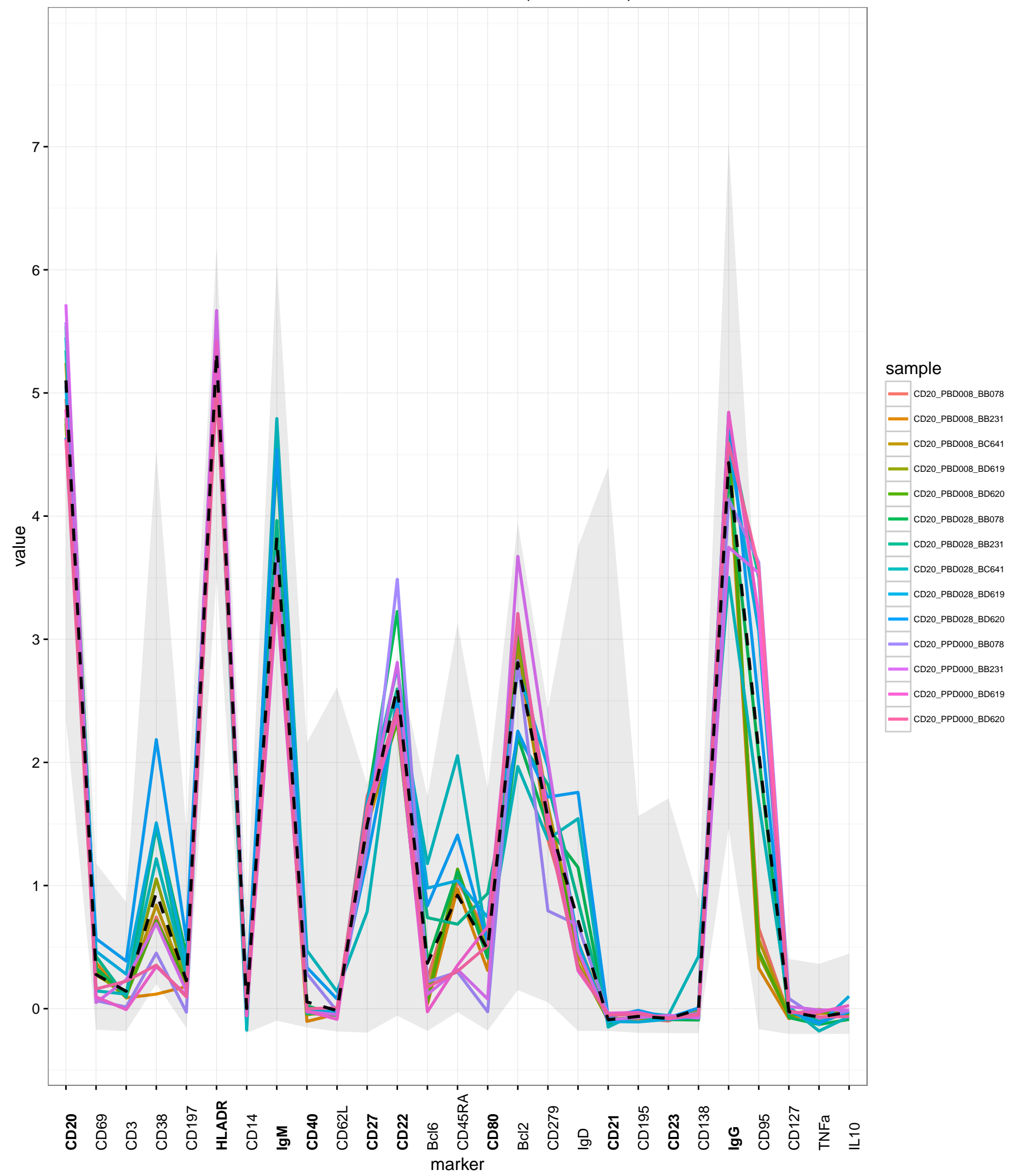
Pheno Viewer – cluster 54 (656 cells)



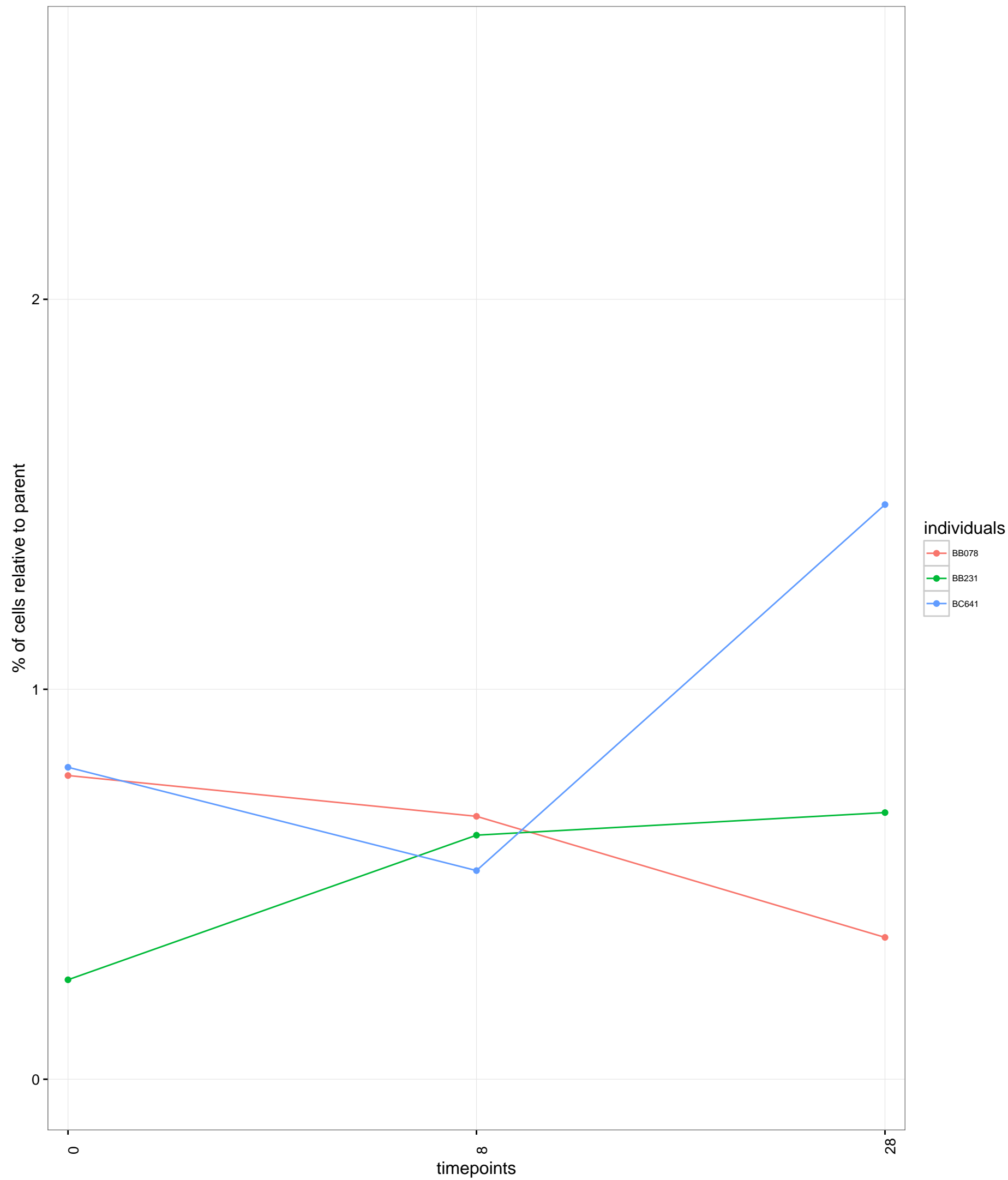
Kinetics Viewer – cluster 55 ( 579 cells)



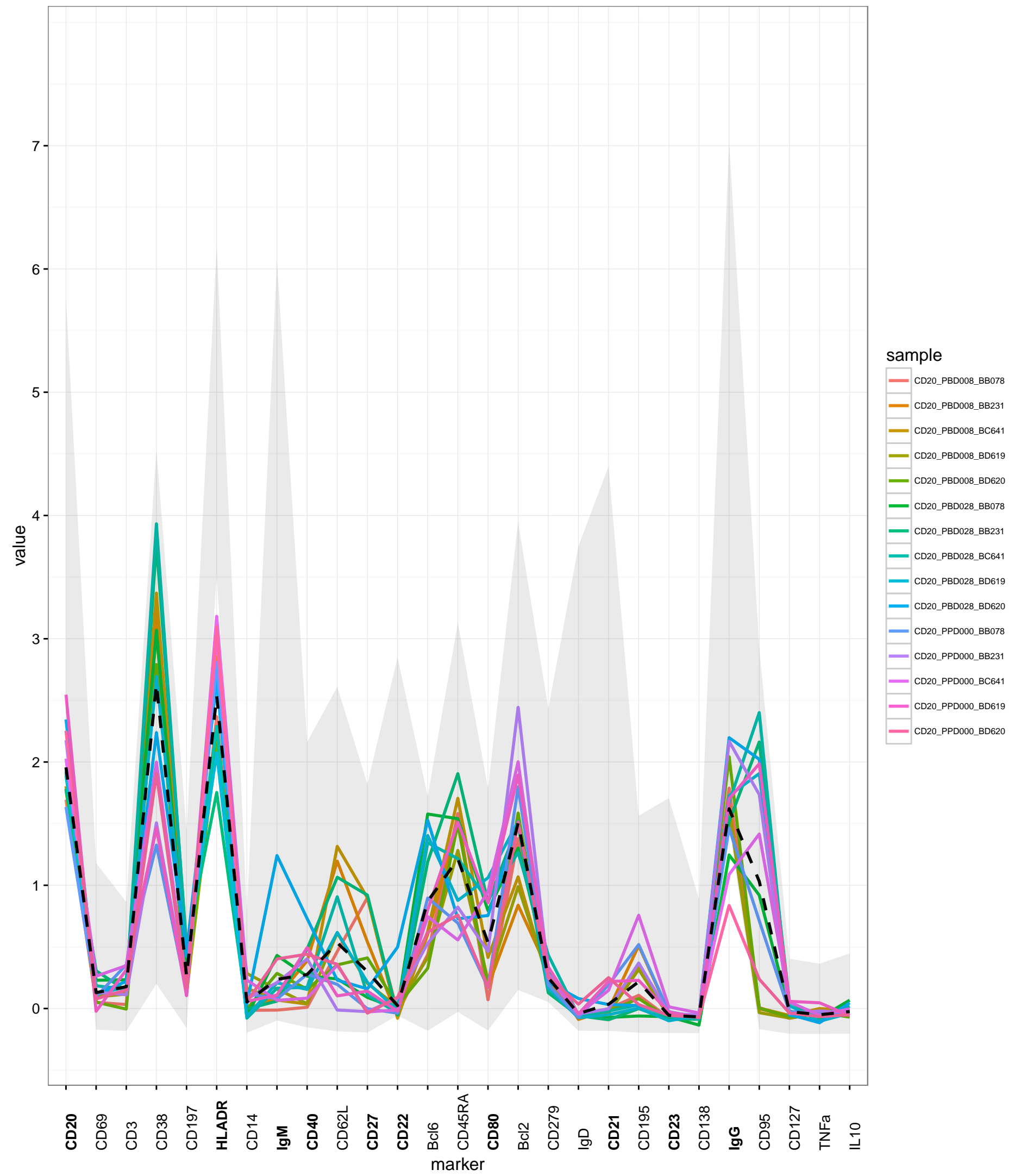
Pheno Viewer – cluster 55 (1 988 cells)



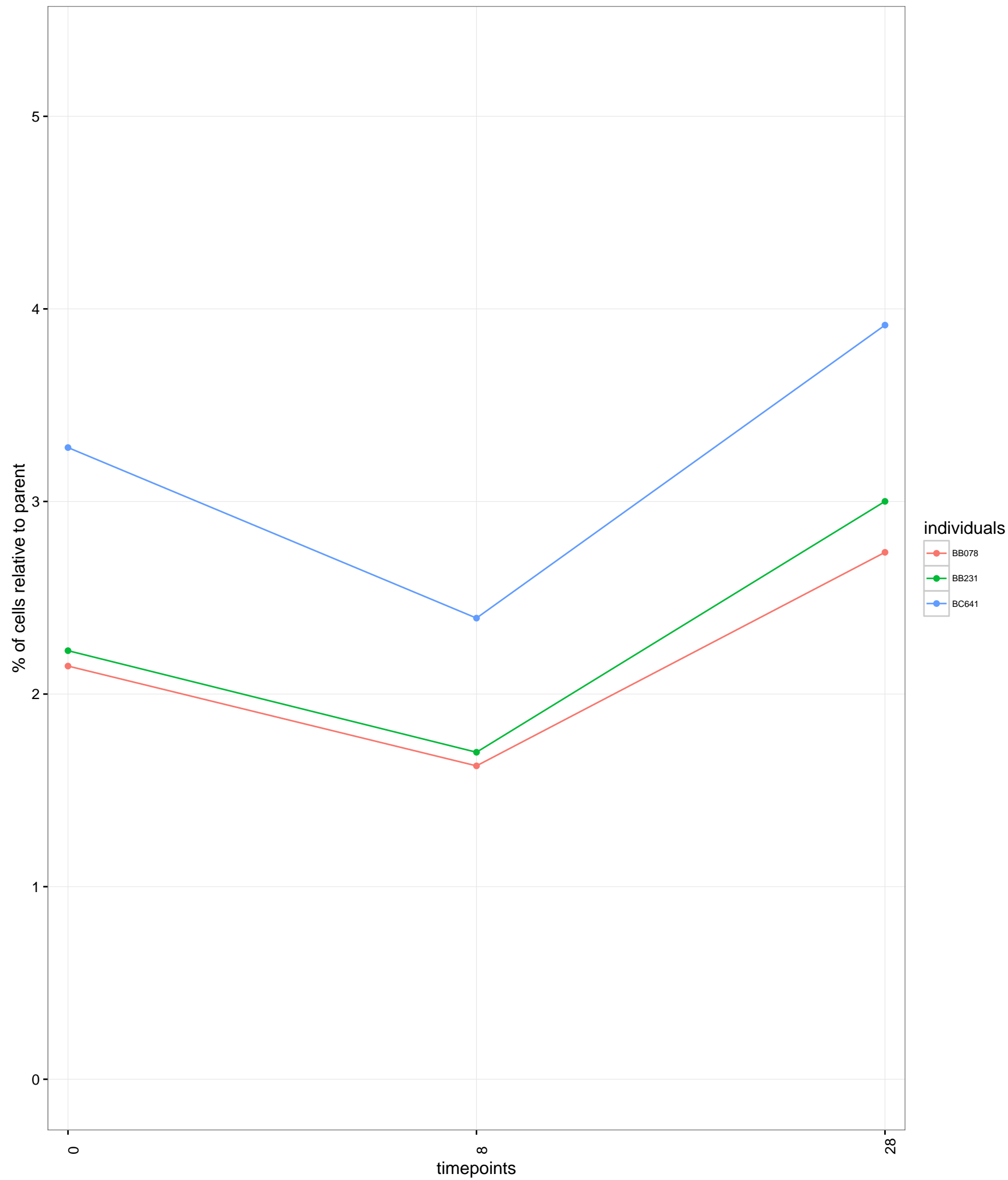
Kinetics Viewer – cluster 56 ( 578 cells)



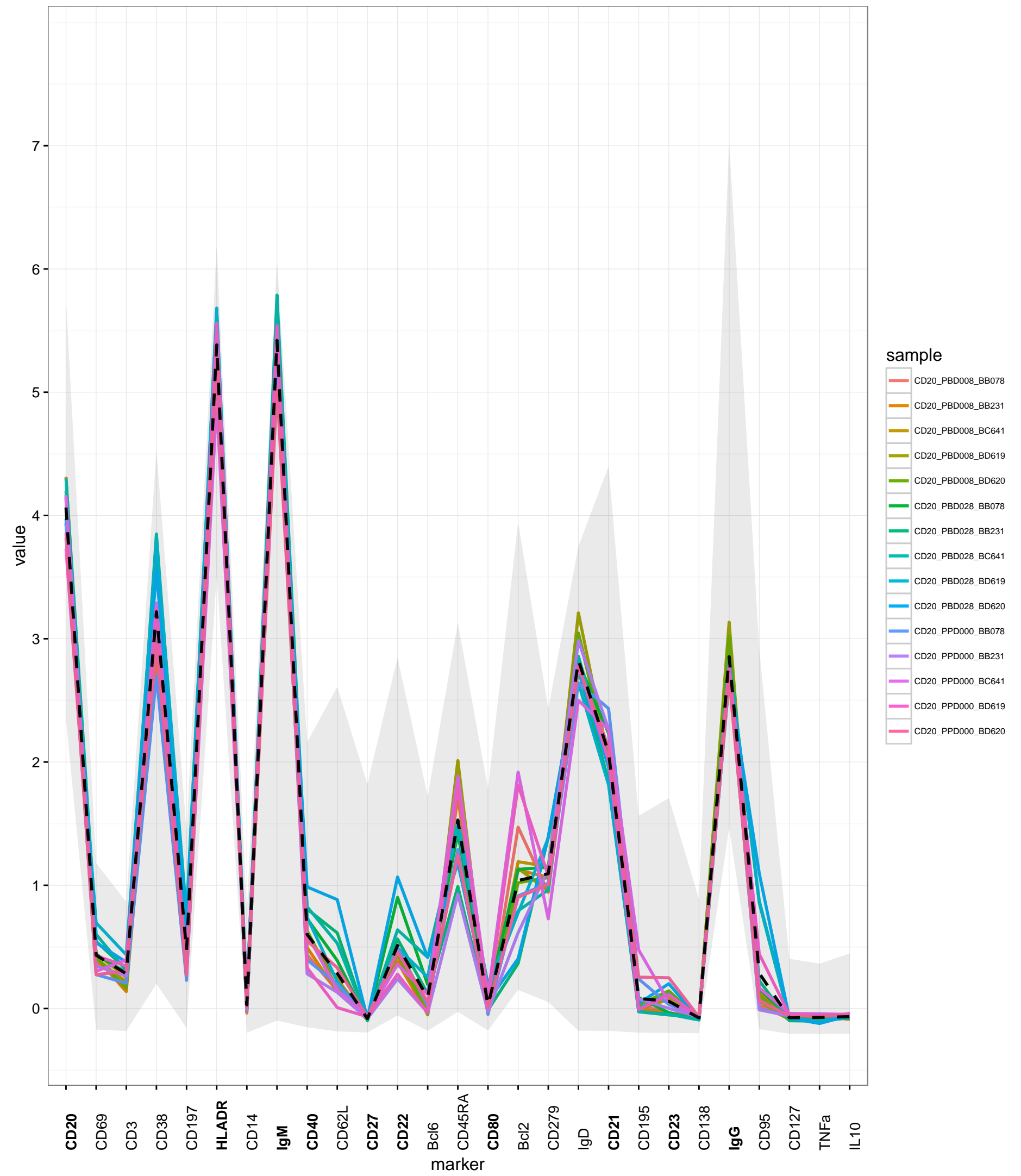
Pheno Viewer – cluster 56 (970 cells)



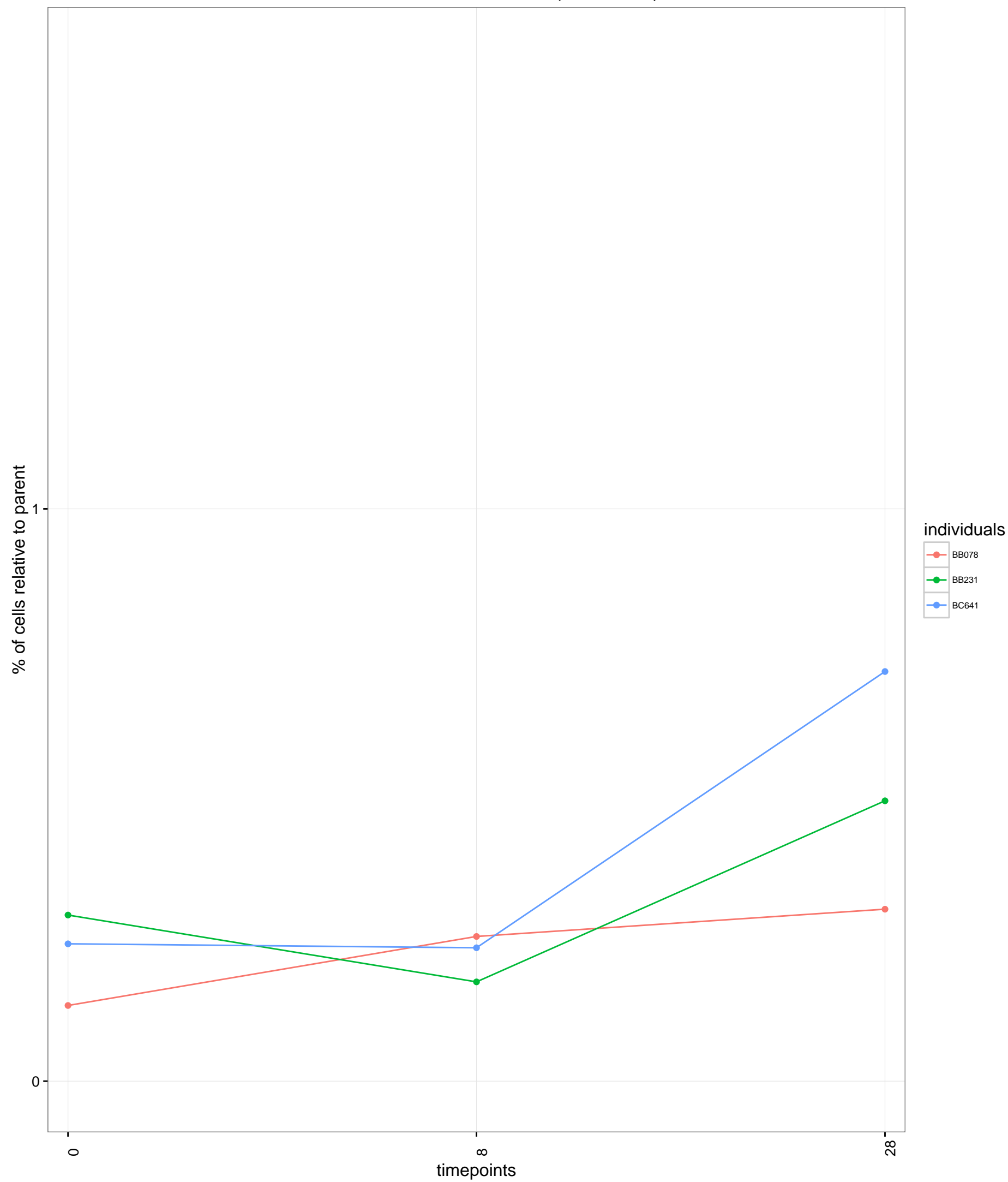
Kinetics Viewer – cluster 57 ( 2 152 cells)



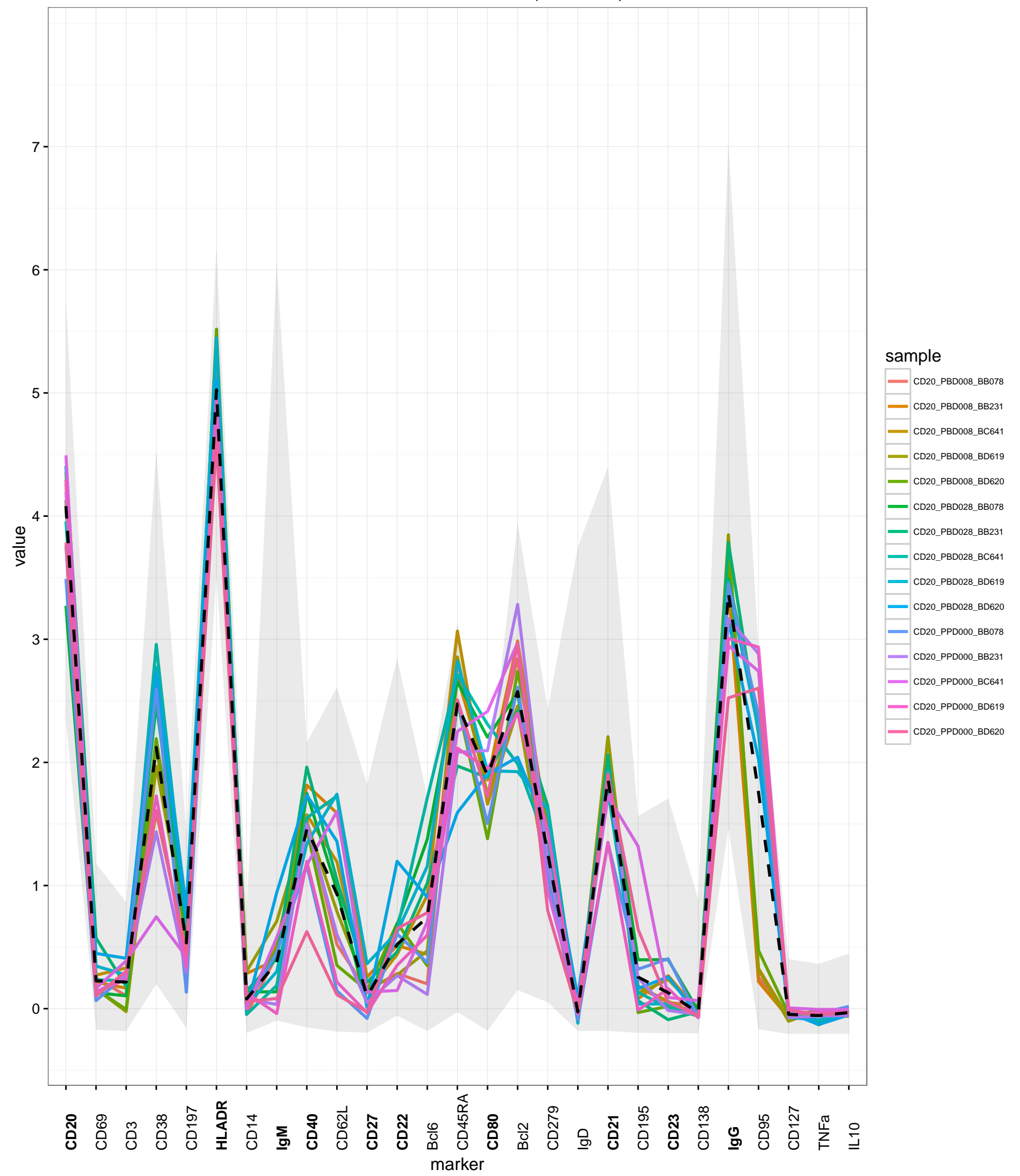
Pheno Viewer – cluster 57 (5 956 cells)



Kinetics Viewer – cluster 58 ( 263 cells)

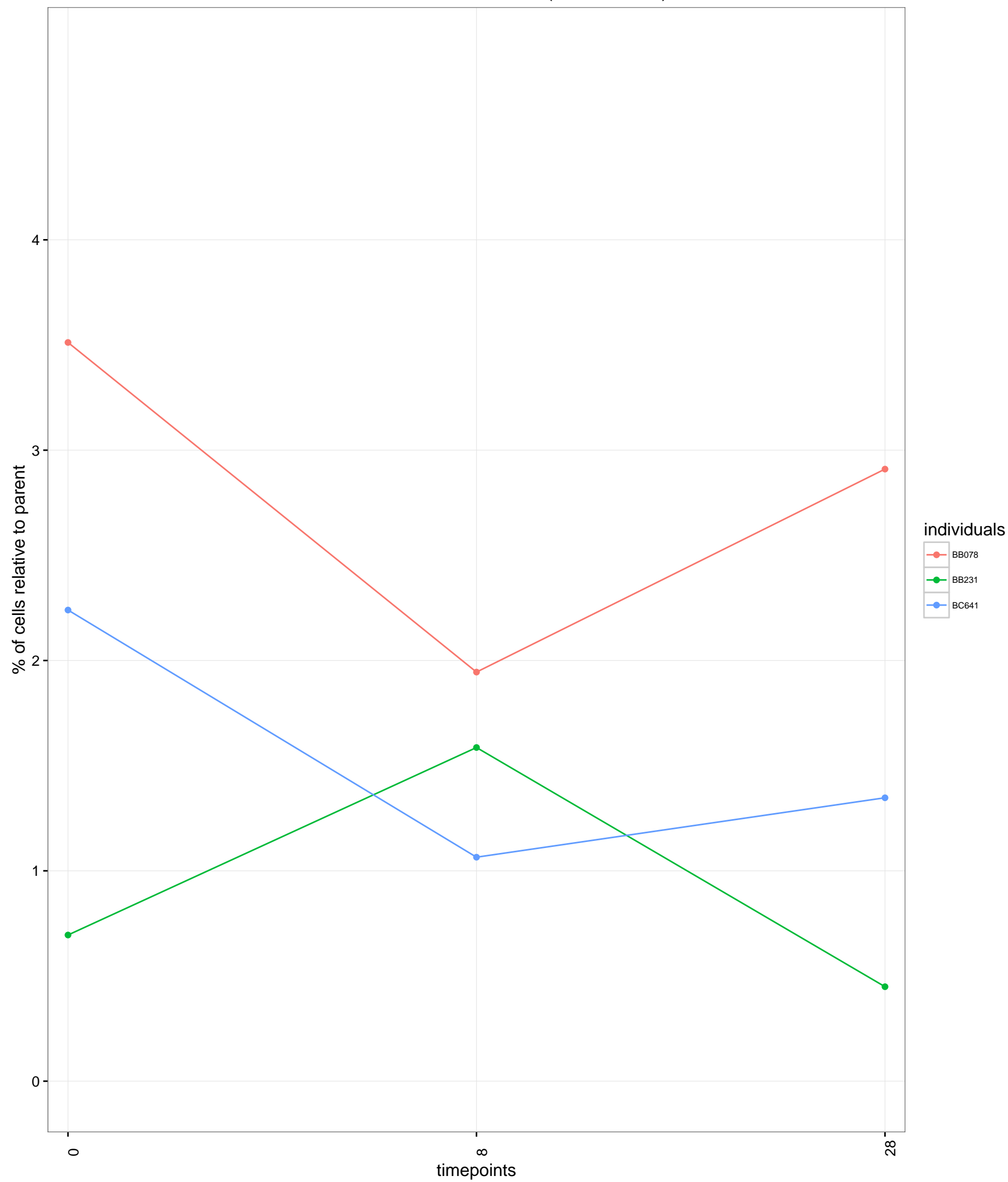


Pheno Viewer – cluster 58 (516 cells)

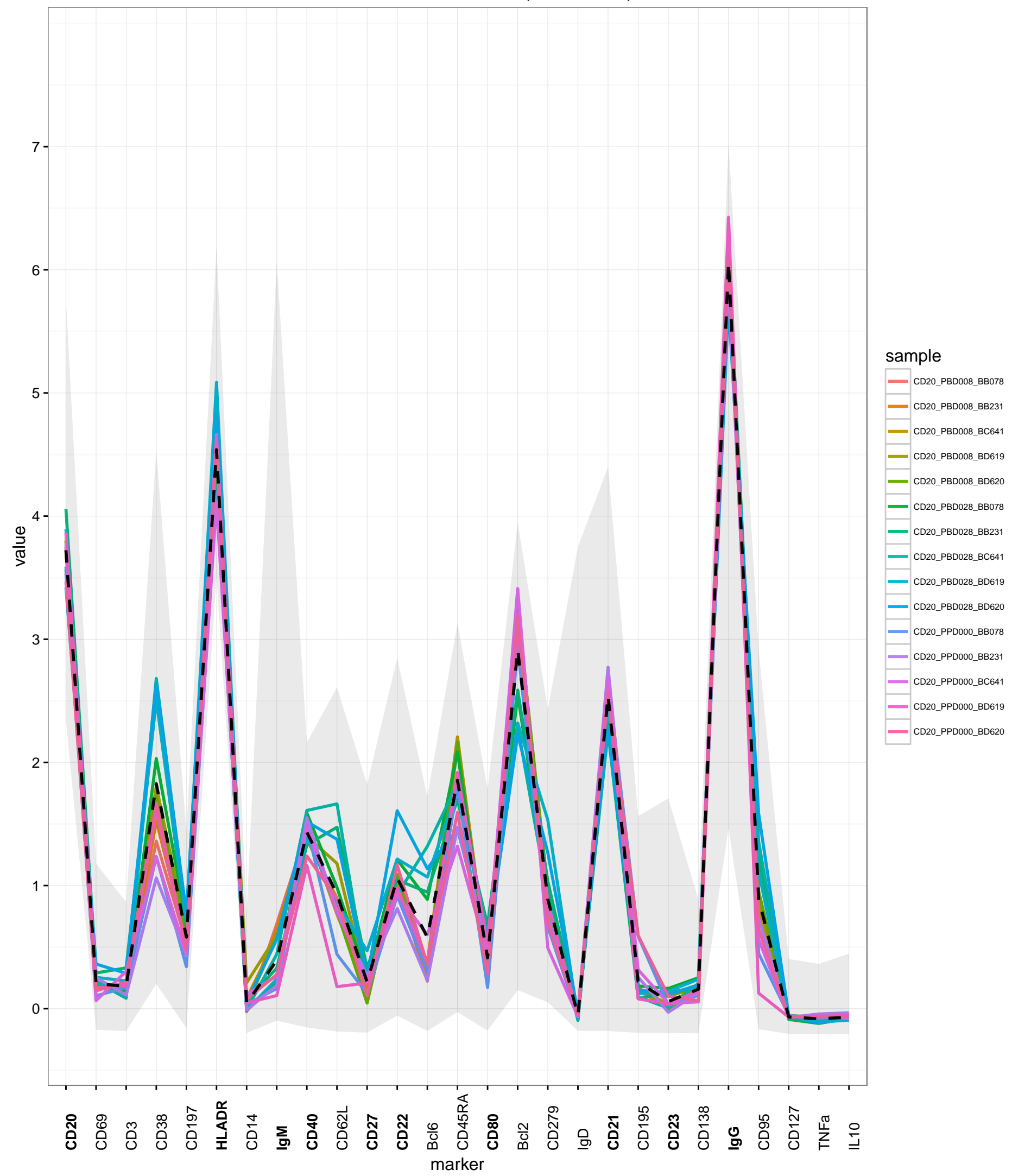




Kinetics Viewer – cluster 59 ( 1 451 cells)

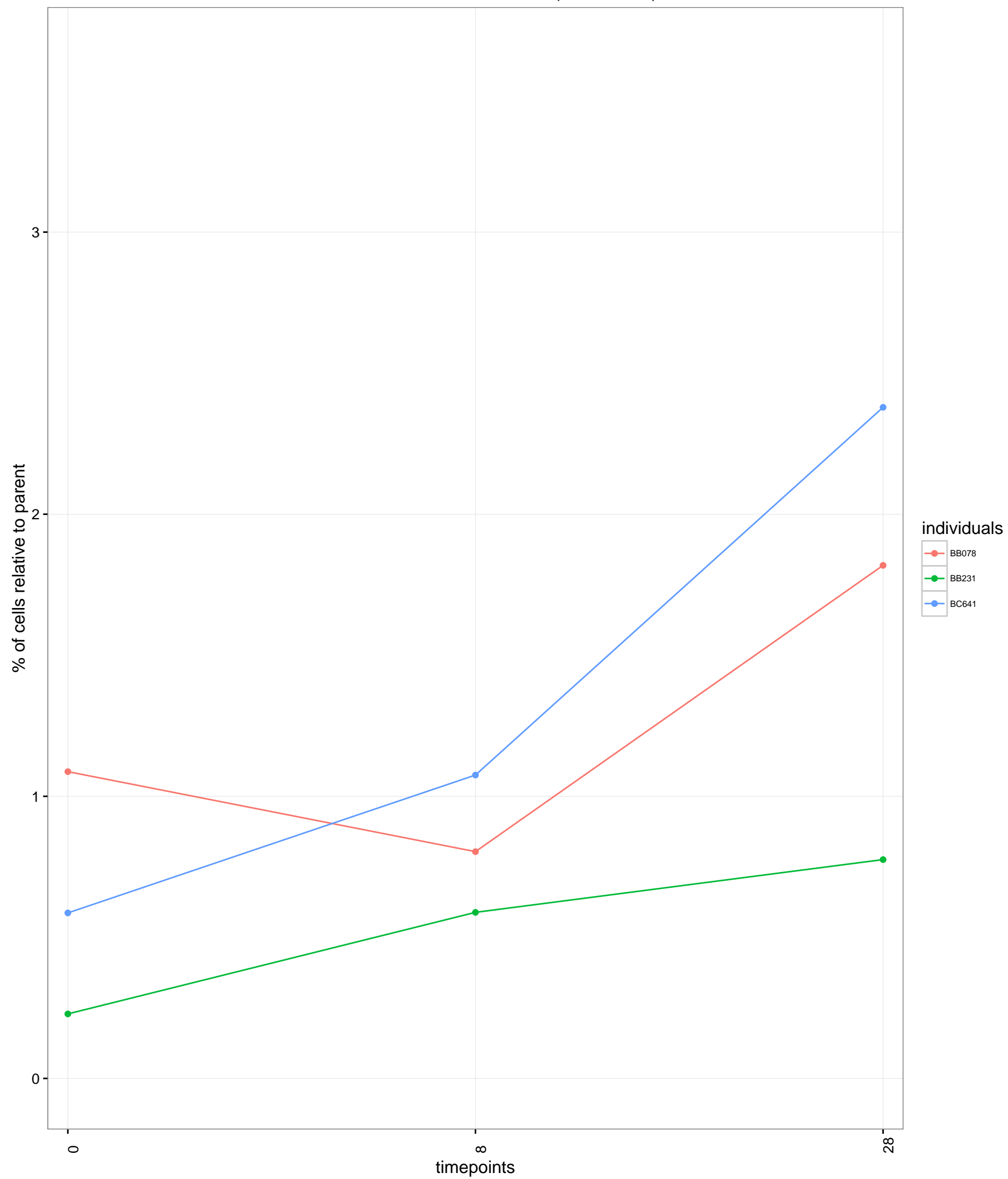


Pheno Viewer – cluster 59 (2 784 cells)

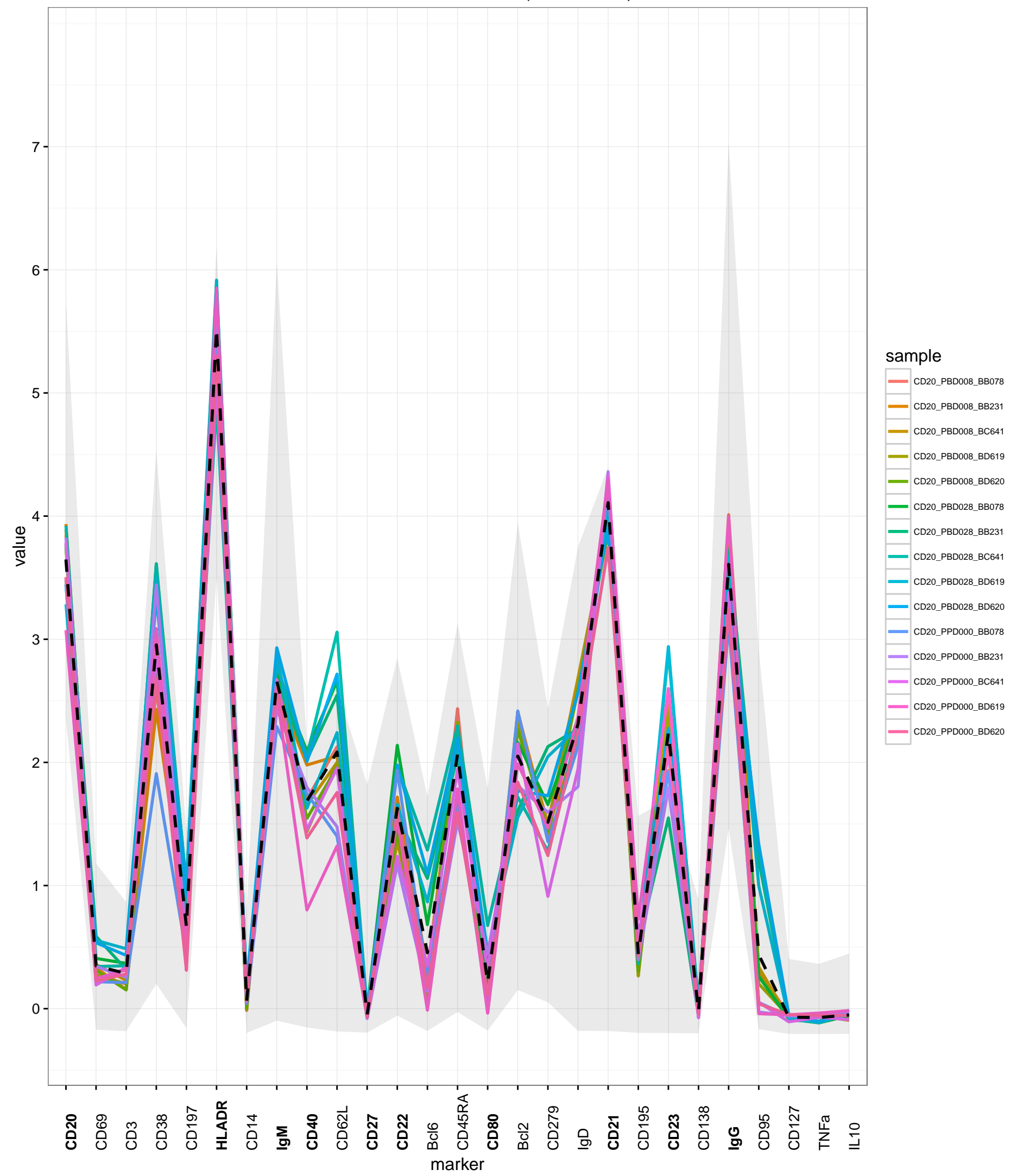




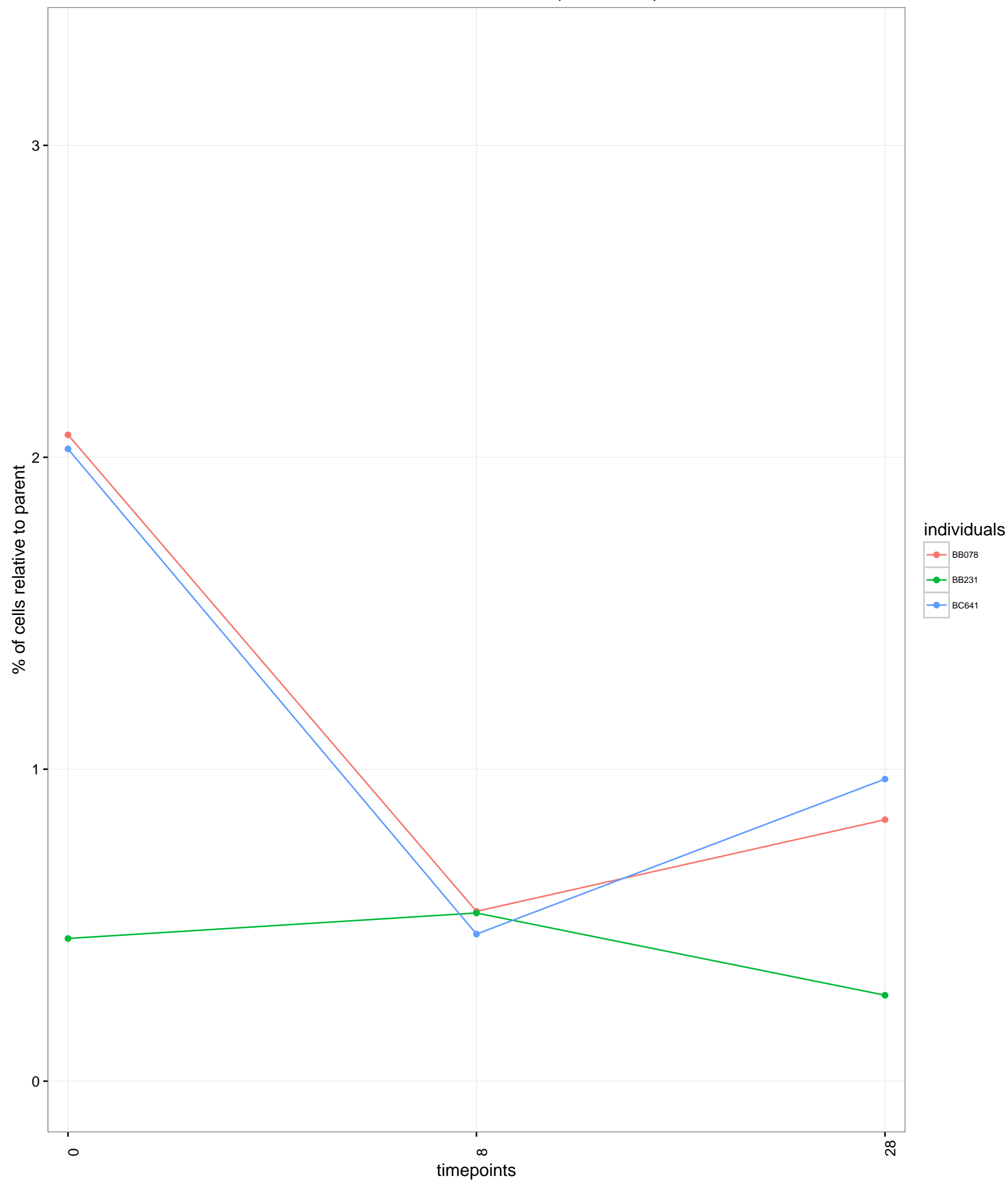
Kinetics Viewer – cluster 60 ( 848 cells)



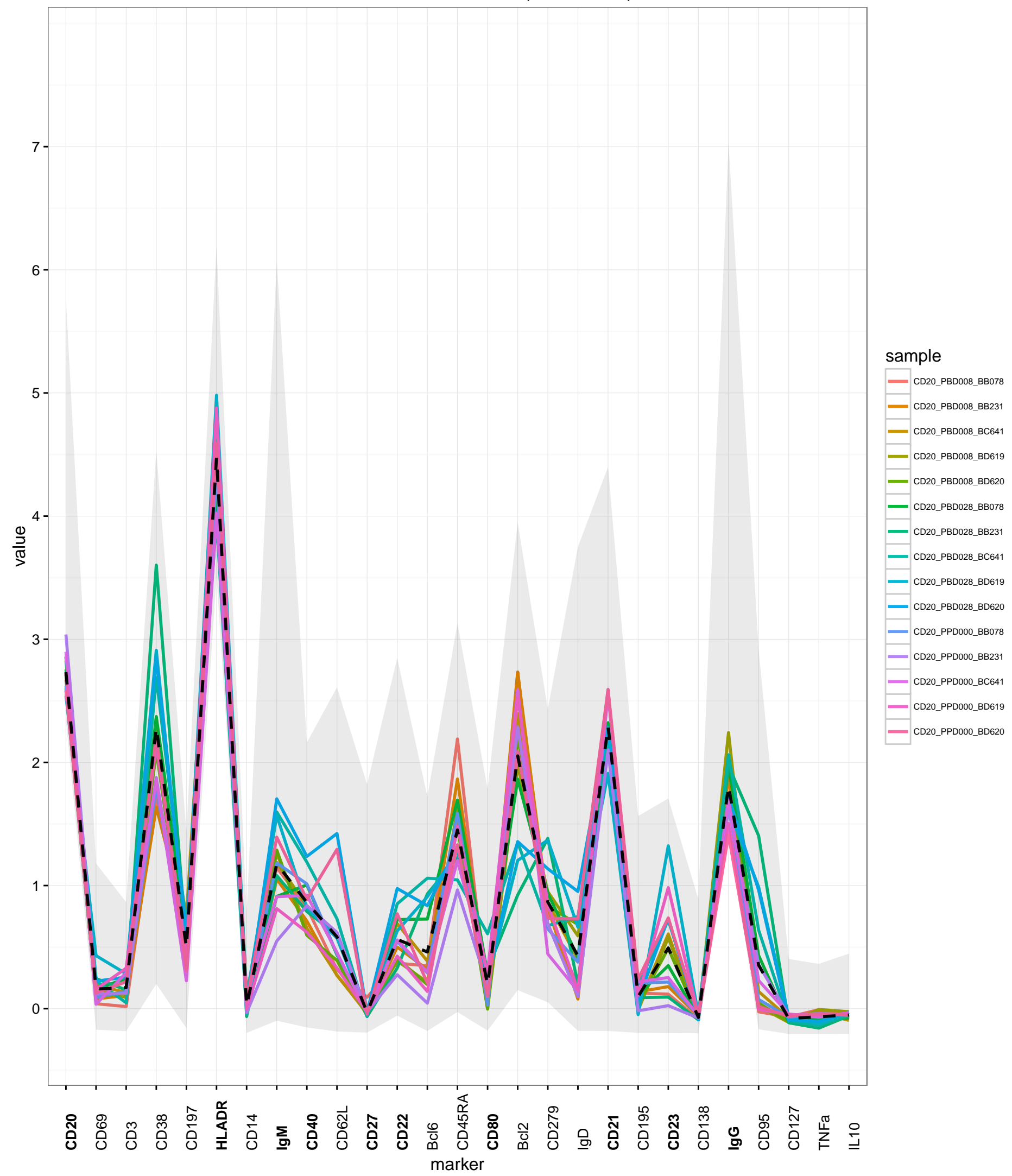
Pheno Viewer – cluster 60 (3 312 cells)



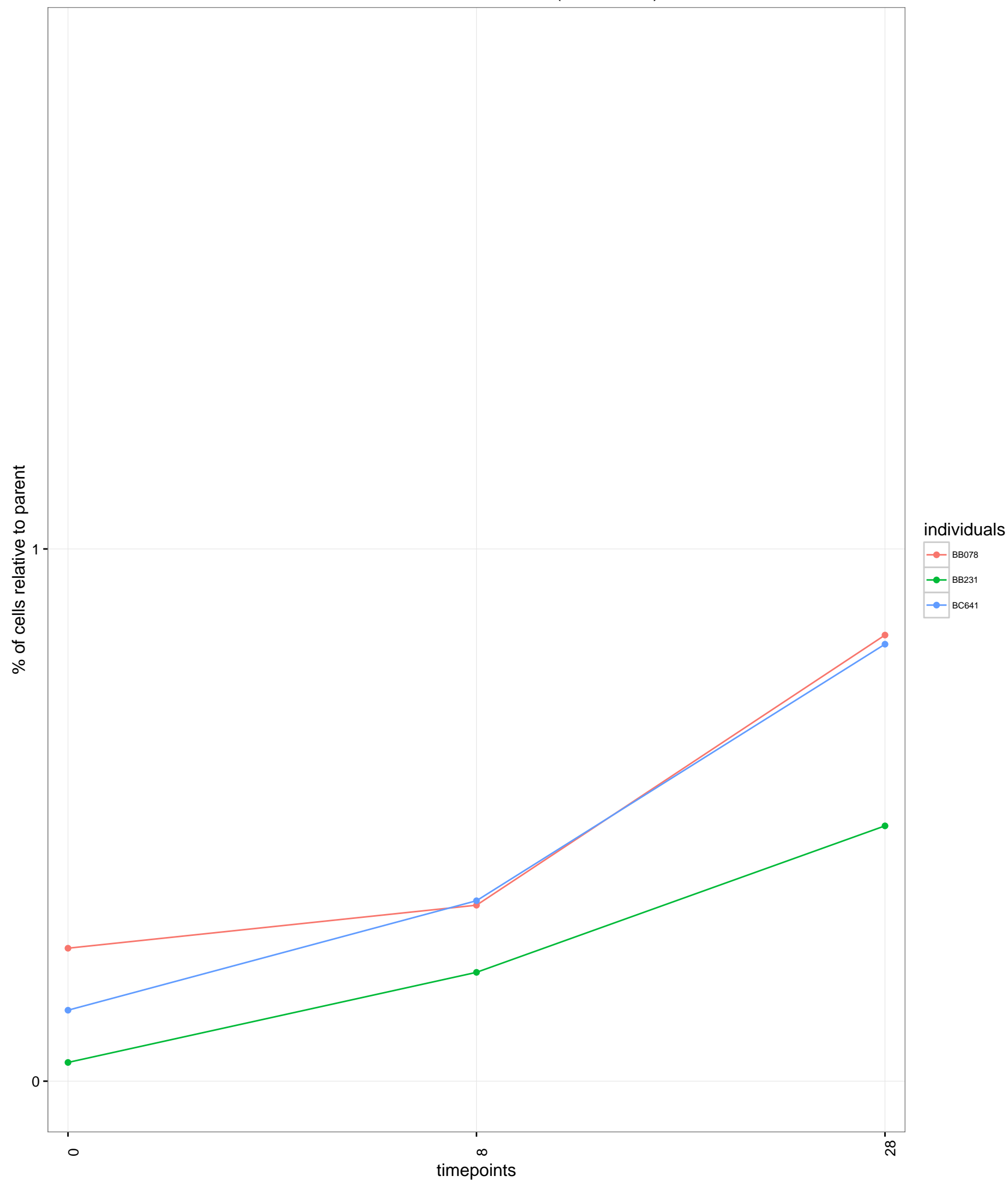
Kinetics Viewer – cluster 61 ( 655 cells)



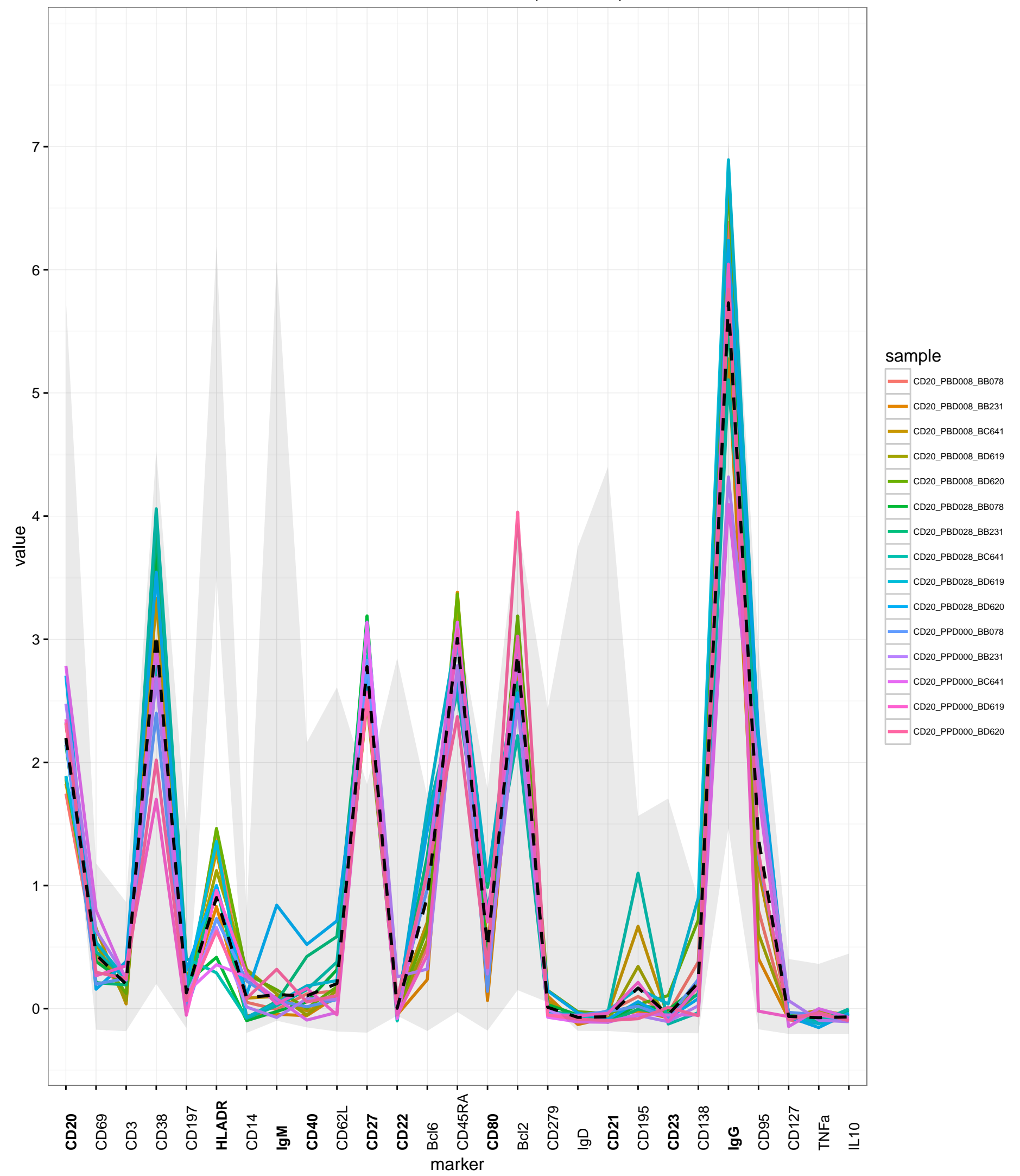
Pheno Viewer – cluster 61 (2 311 cells)



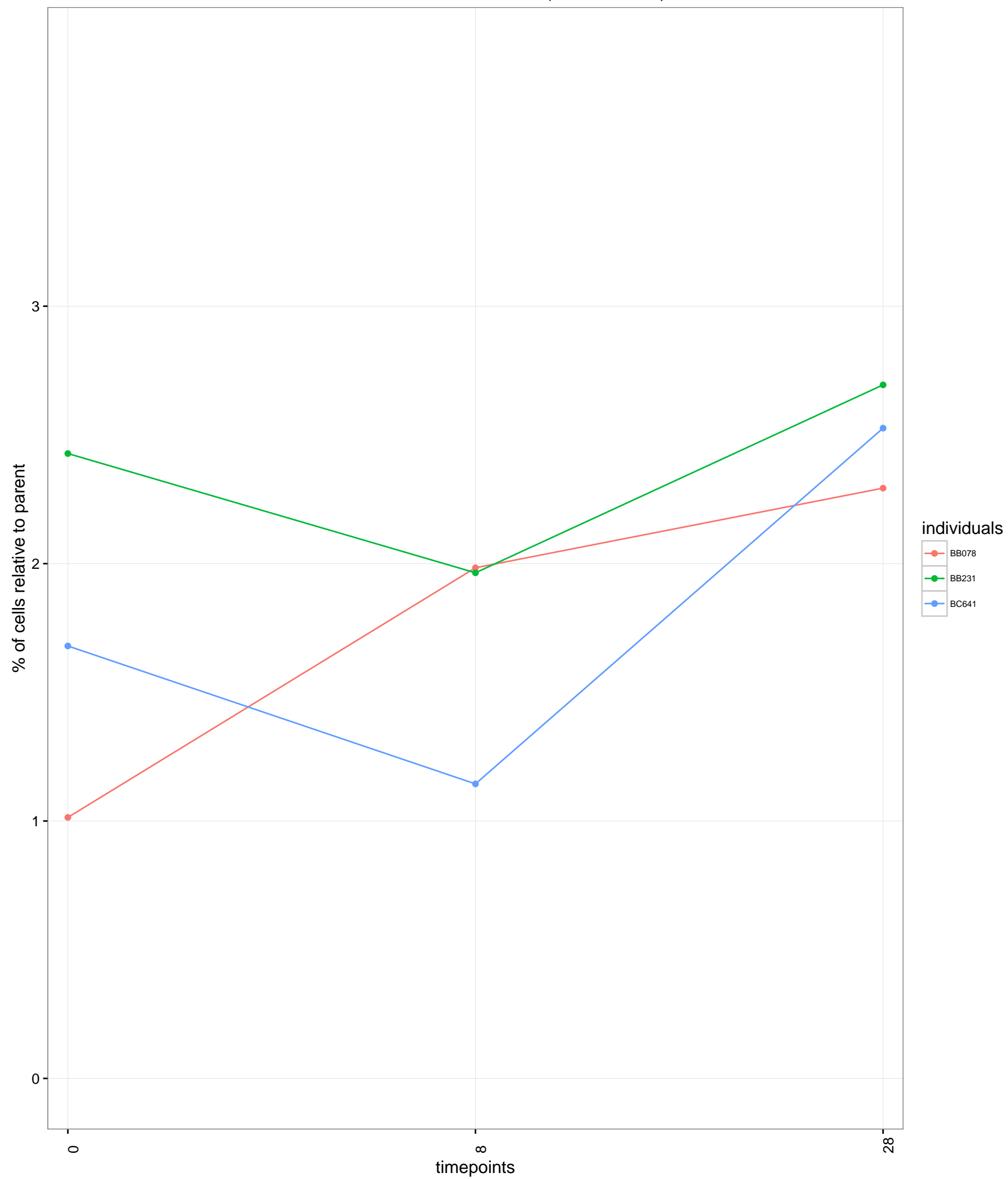
Kinetics Viewer – cluster 62 ( 313 cells)



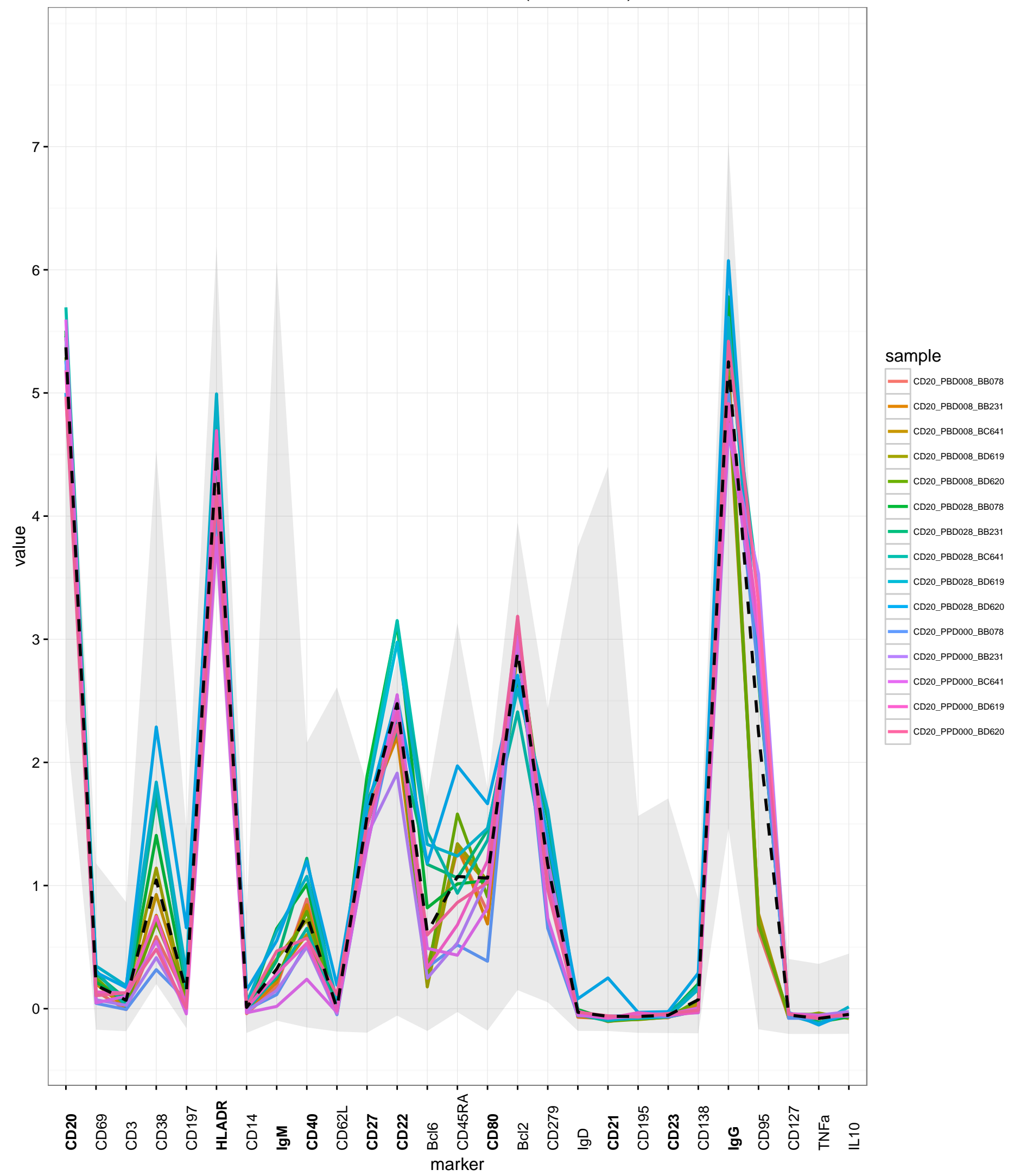
Pheno Viewer – cluster 62 (523 cells)



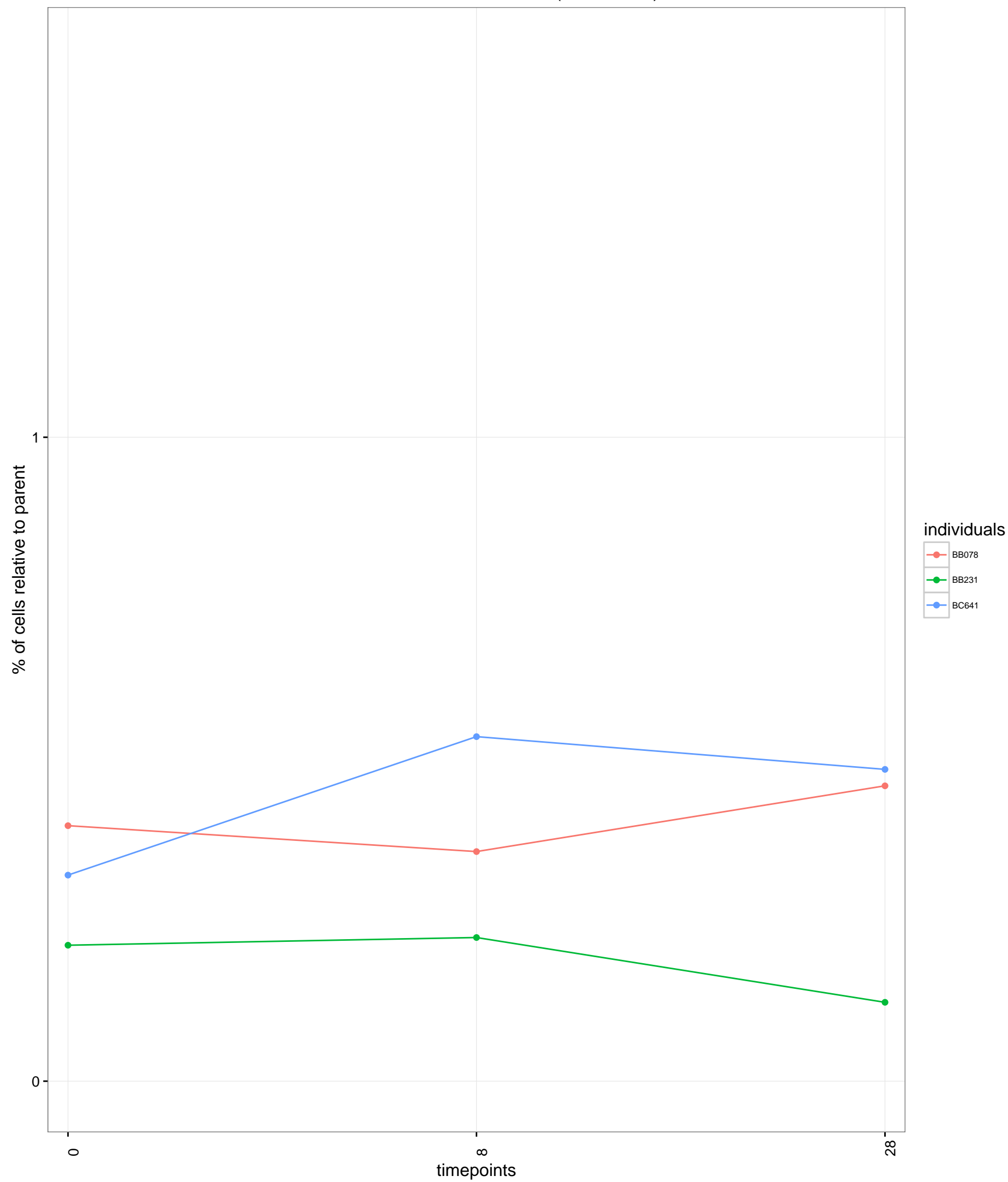
Kinetics Viewer – cluster 63 ( 1 776 cells)



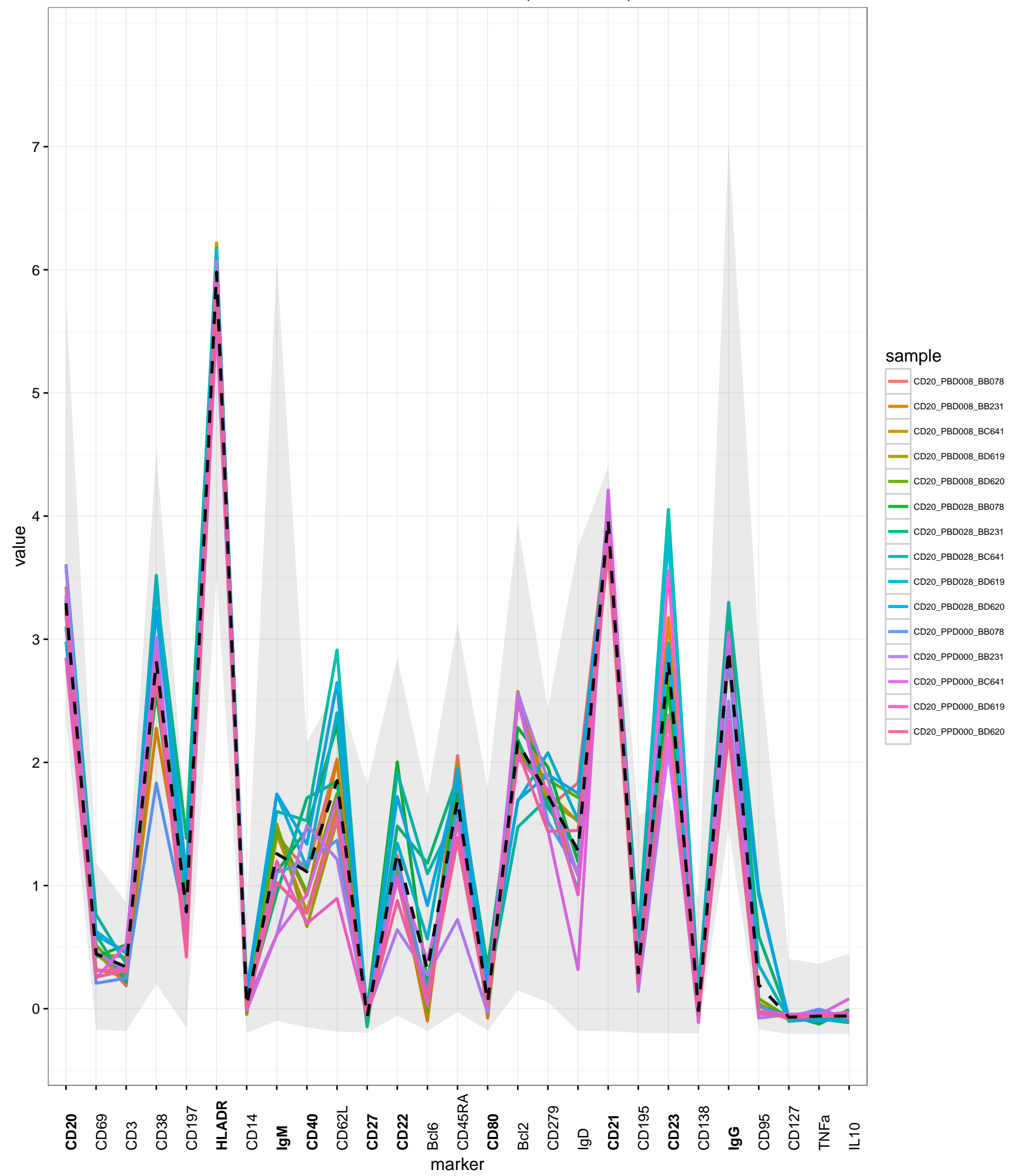
Pheno Viewer – cluster 63 (2 721 cells)



Kinetics Viewer – cluster 64 ( 319 cells)

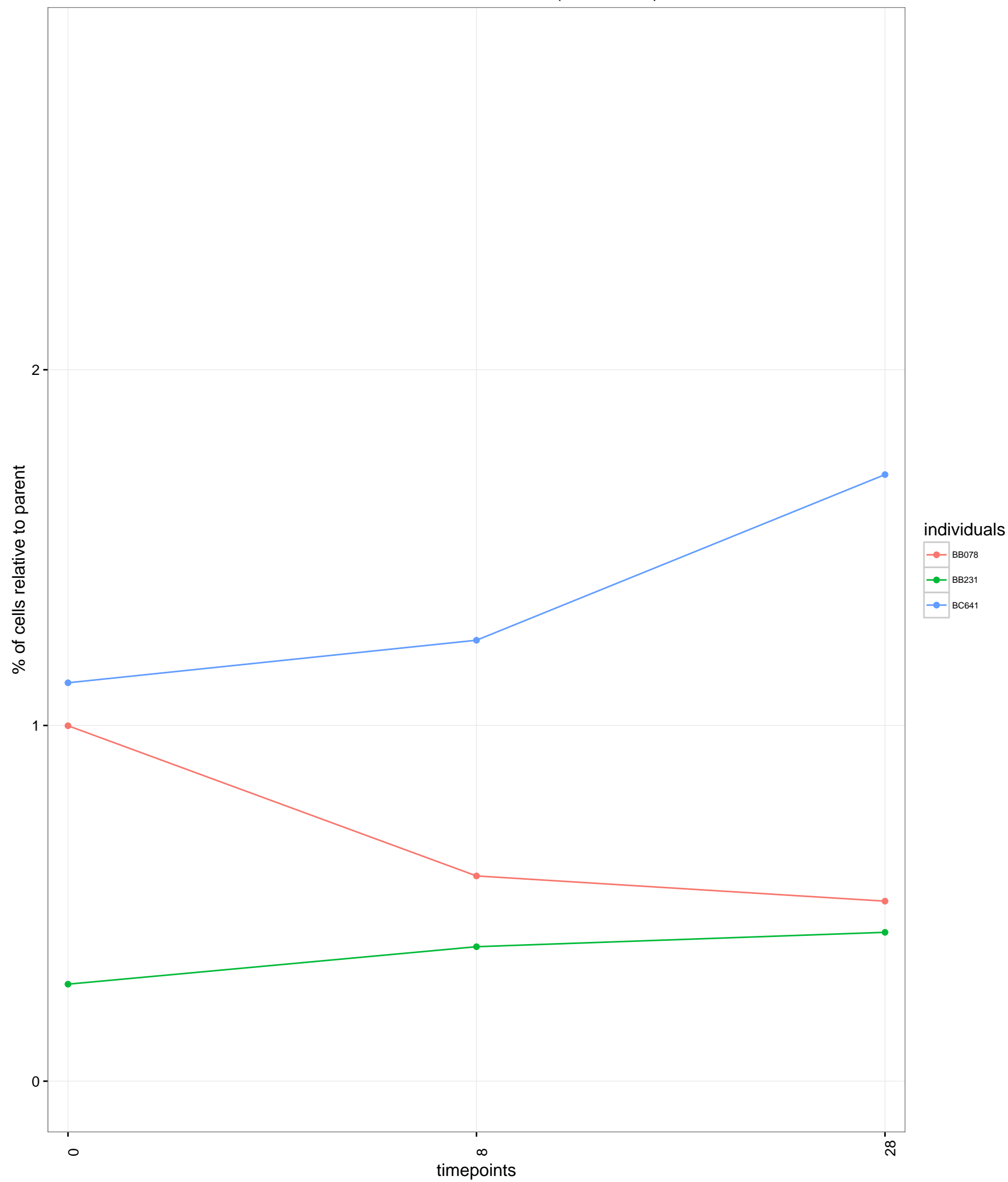


Pheno Viewer – cluster 64 (1 437 cells)

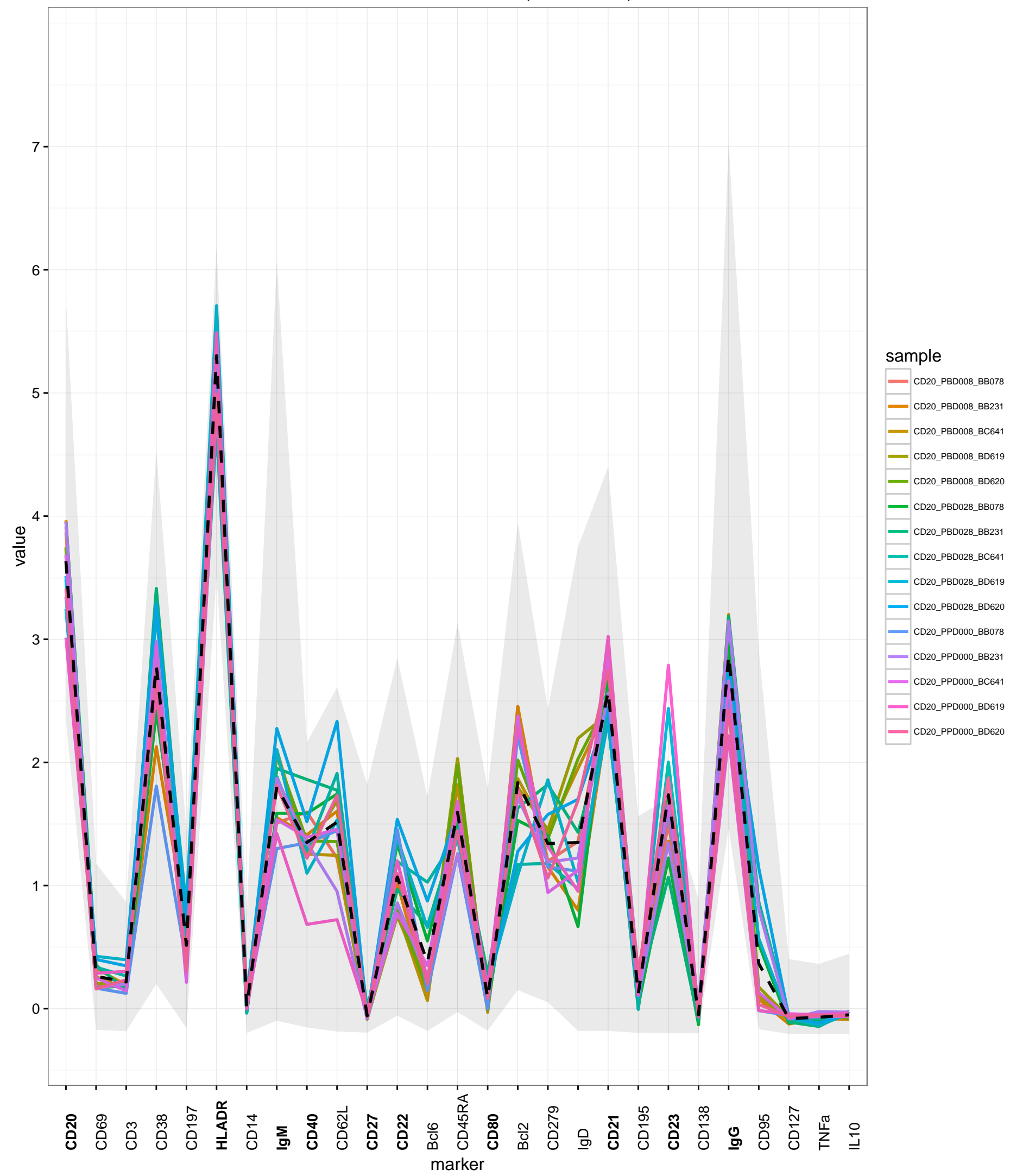




Kinetics Viewer – cluster 65 ( 679 cells)

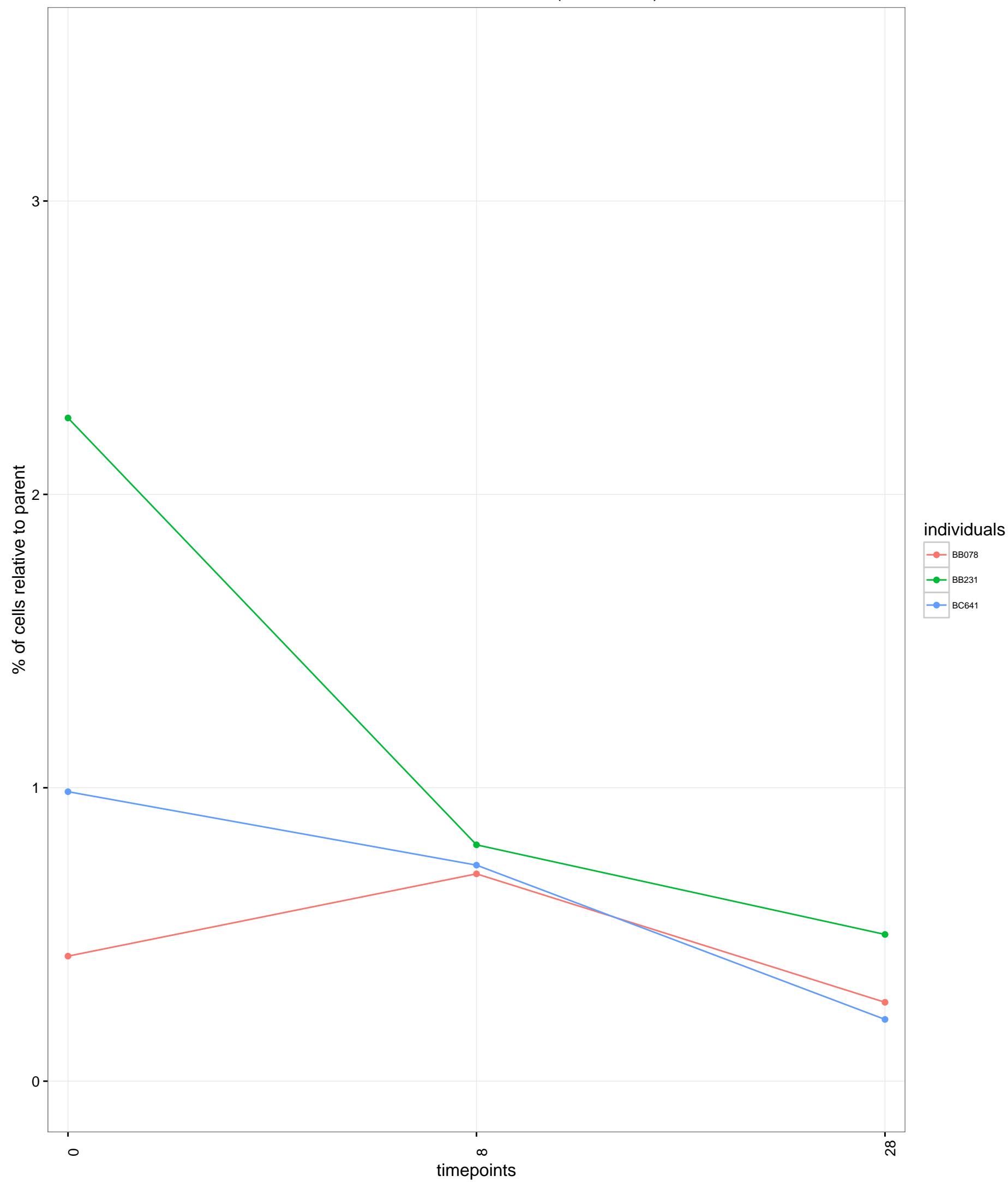


Pheno Viewer – cluster 65 (3 375 cells)

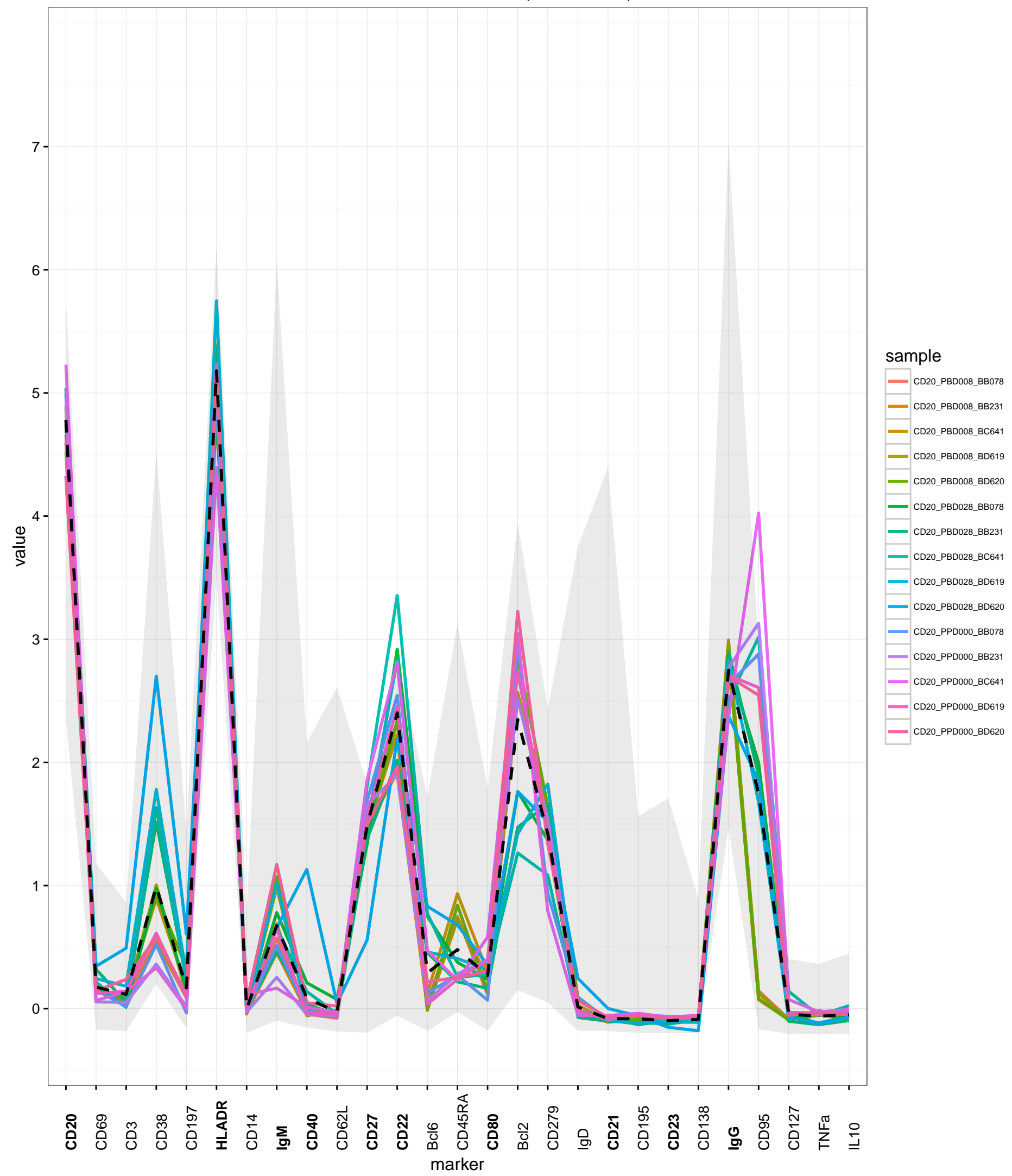




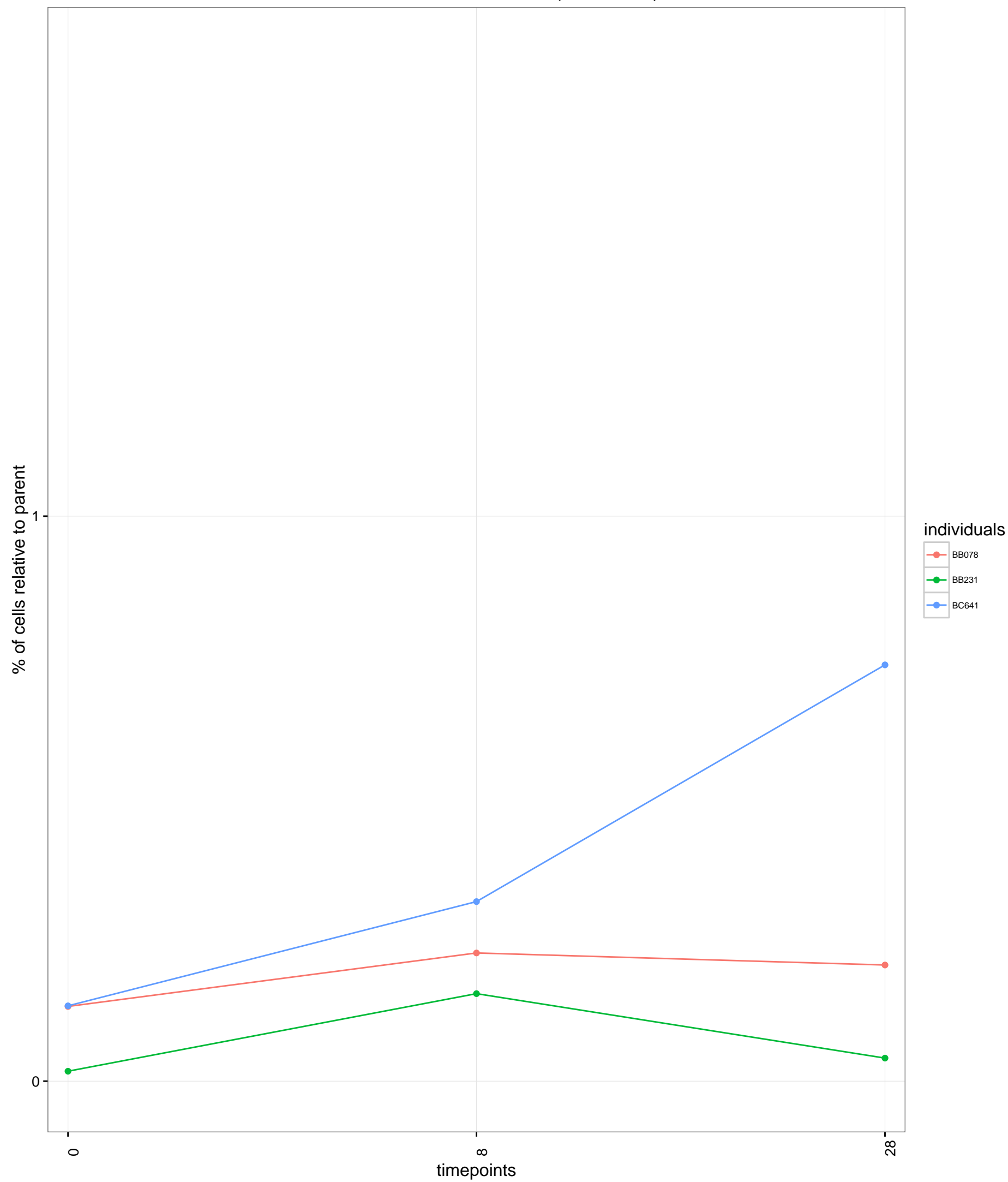
Kinetics Viewer – cluster 66 ( 777 cells)



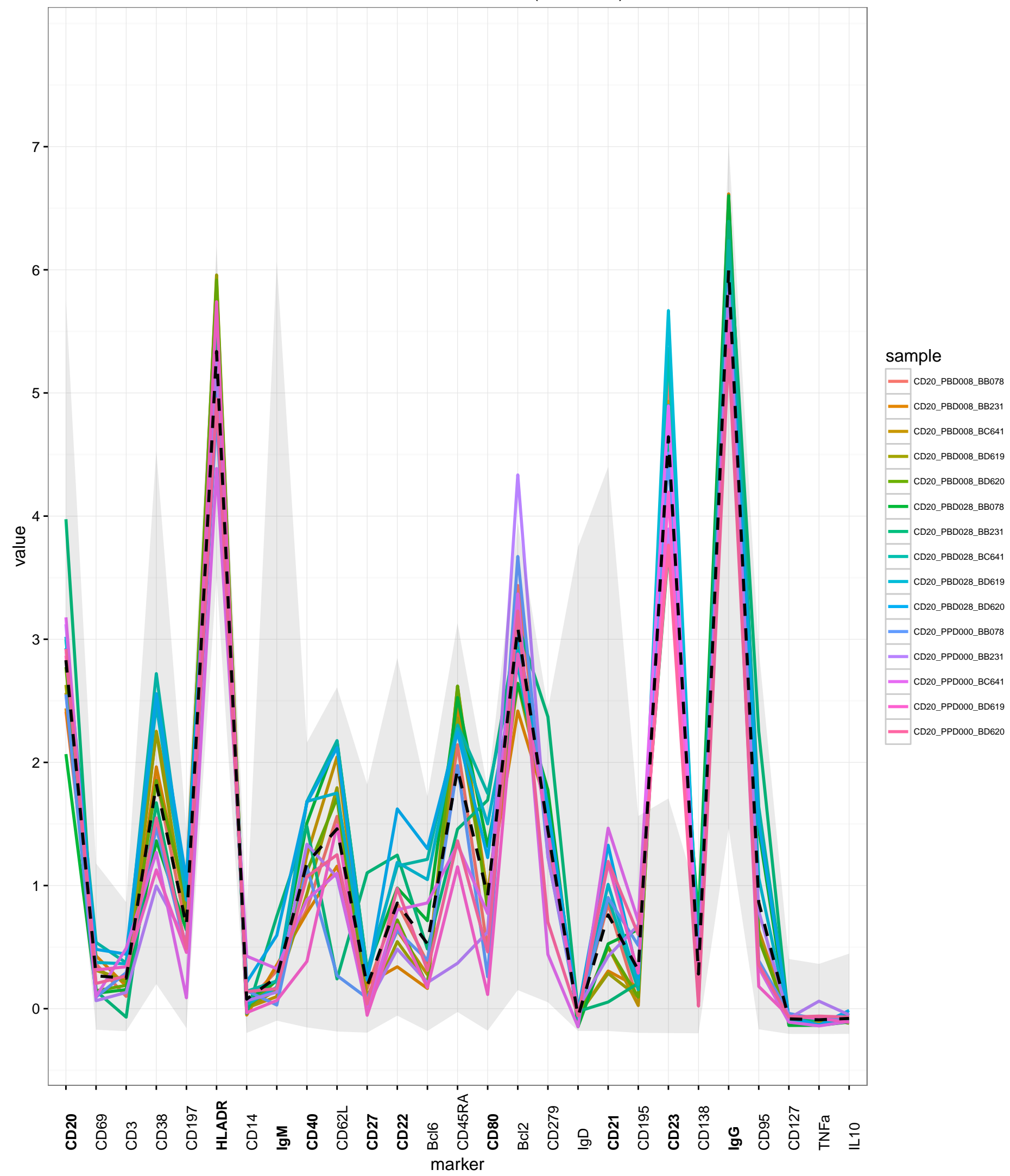
Pheno Viewer – cluster 66 (2 107 cells)



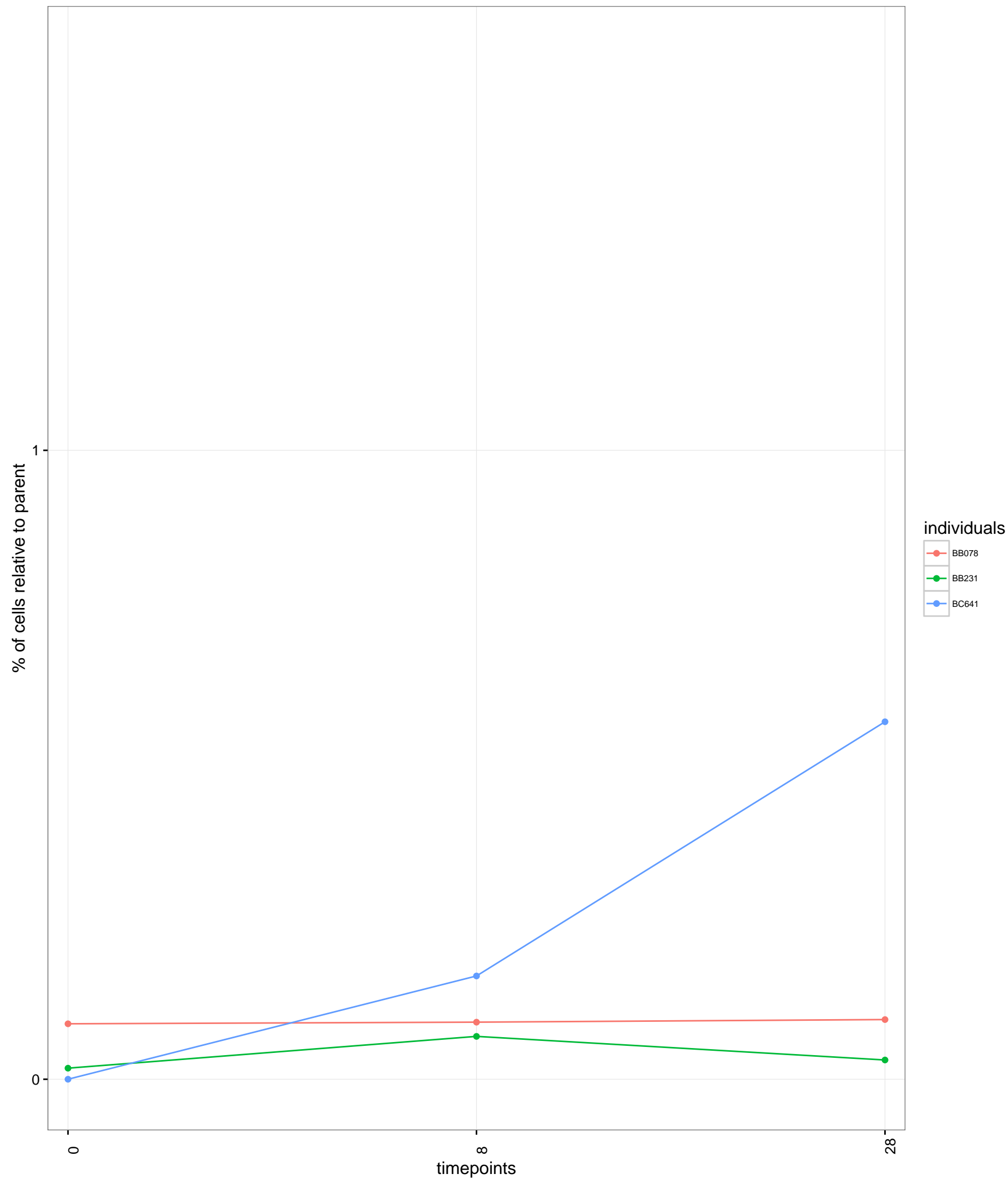
Kinetics Viewer – cluster 67 ( 188 cells)



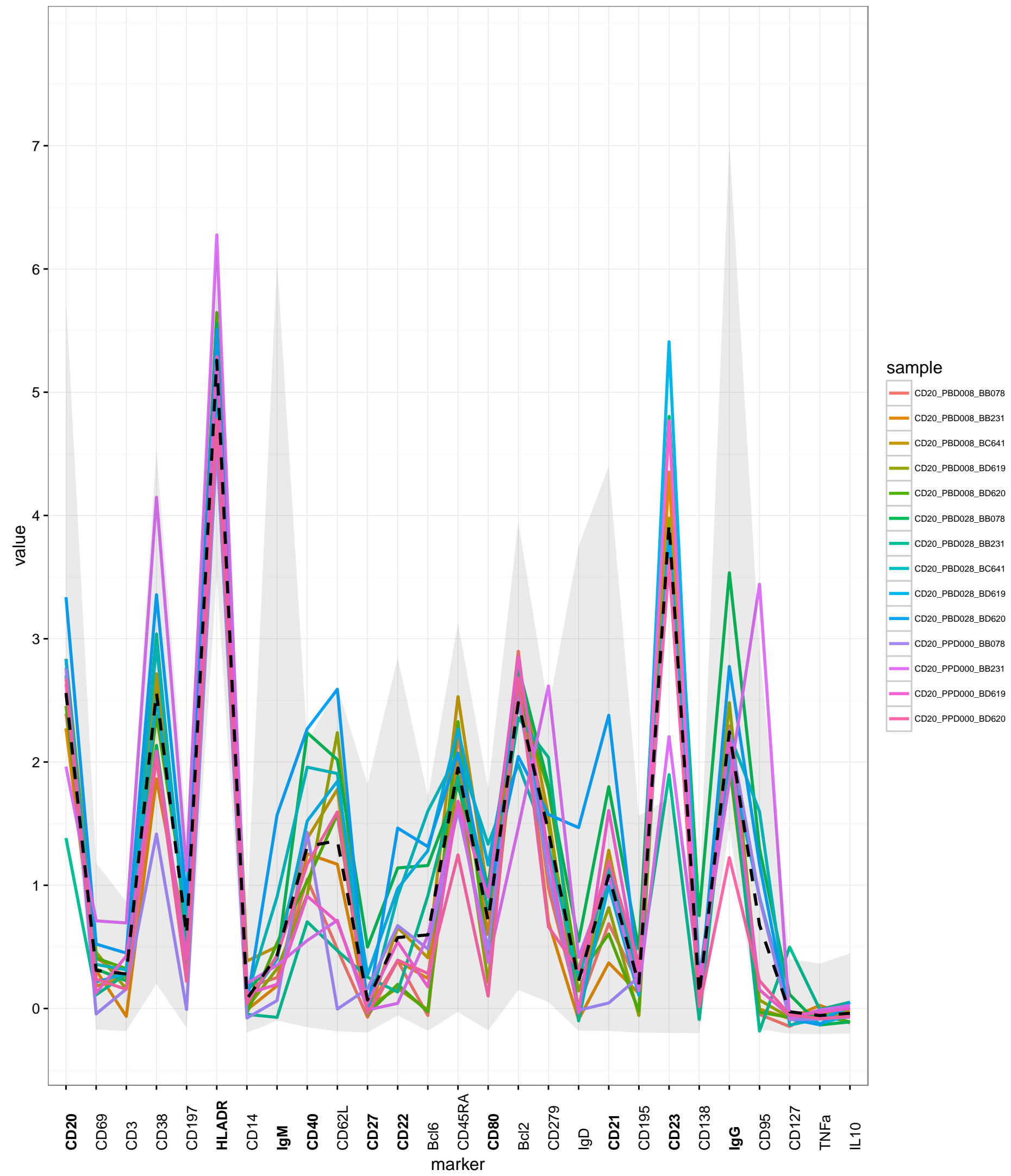
Pheno Viewer – cluster 67 (627 cells)



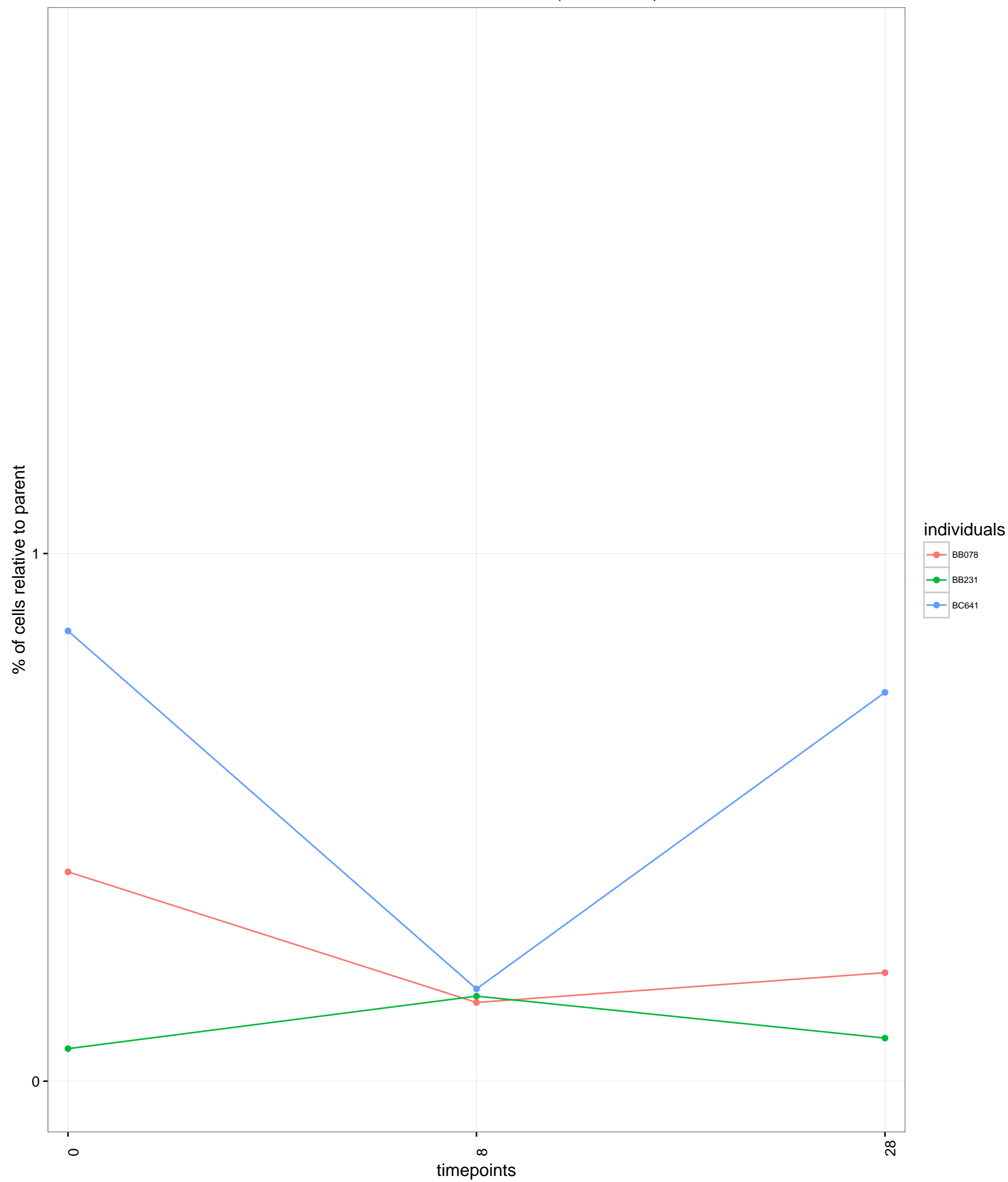
Kinetics Viewer – cluster 68 ( 100 cells)



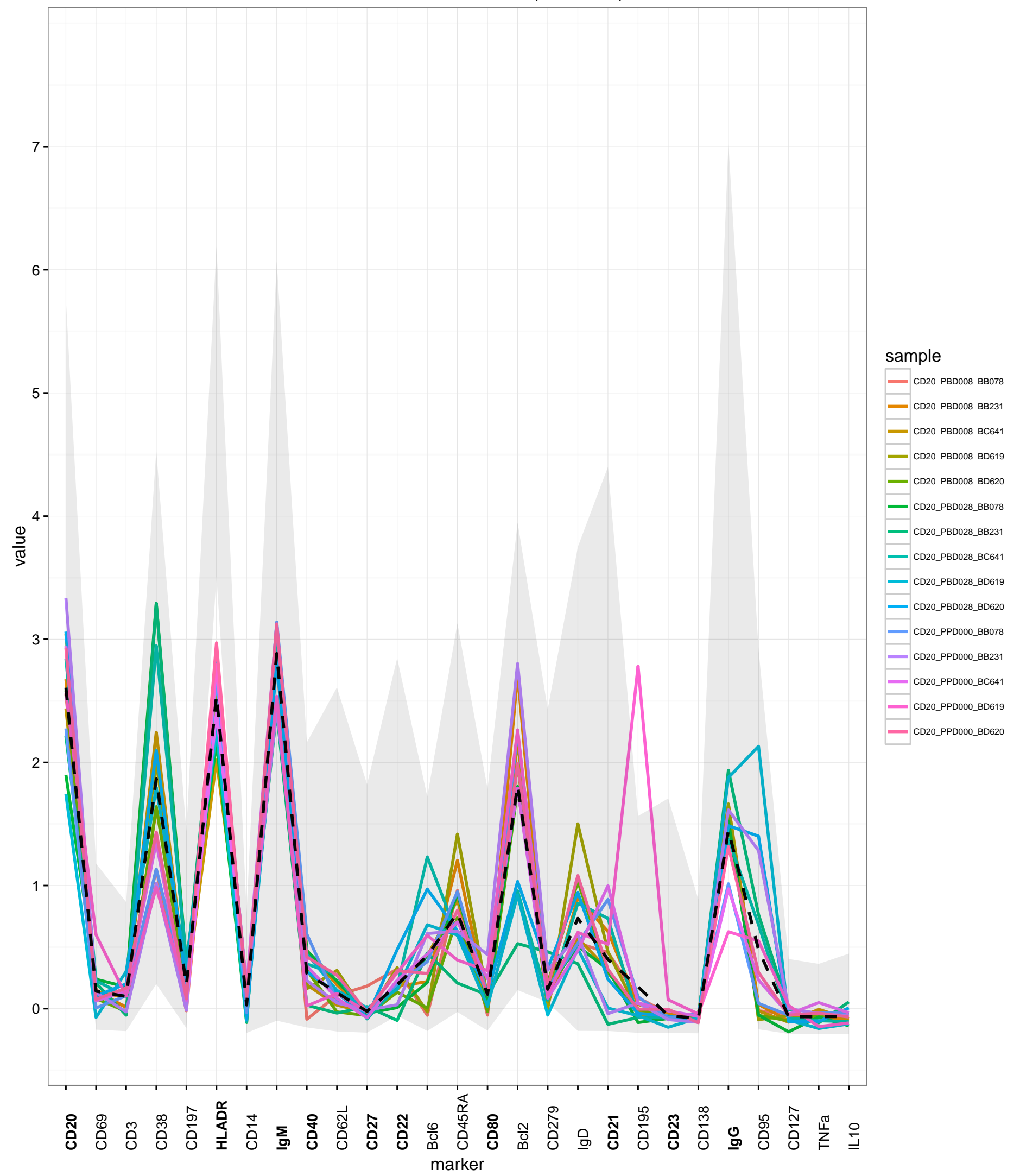
Pheno Viewer – cluster 68 (470 cells)



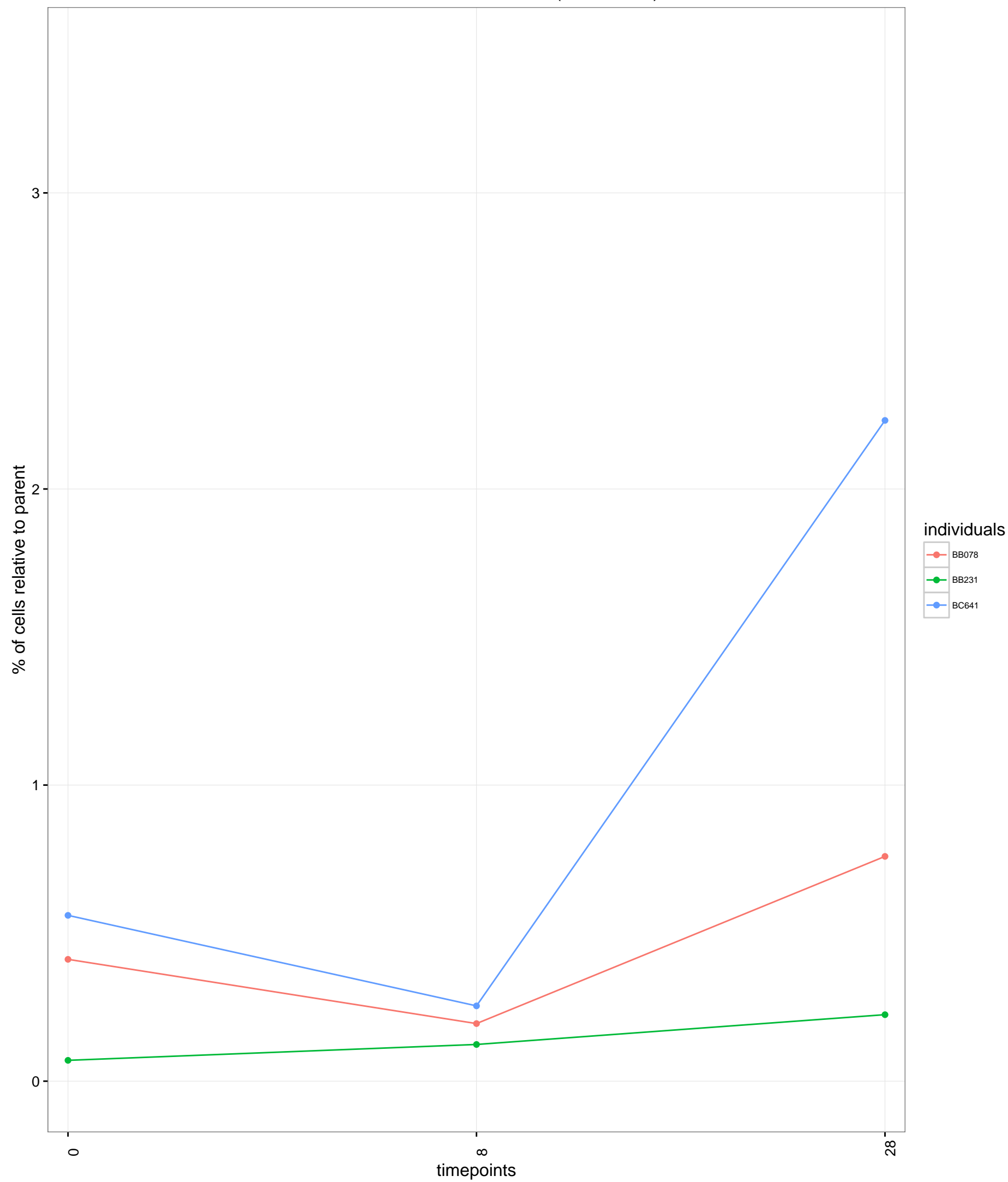
Kinetics Viewer – cluster 69 ( 204 cells)



Pheno Viewer – cluster 69 (440 cells)



Kinetics Viewer – cluster 70 ( 331 cells)



Pheno Viewer – cluster 70 (1 918 cells)

