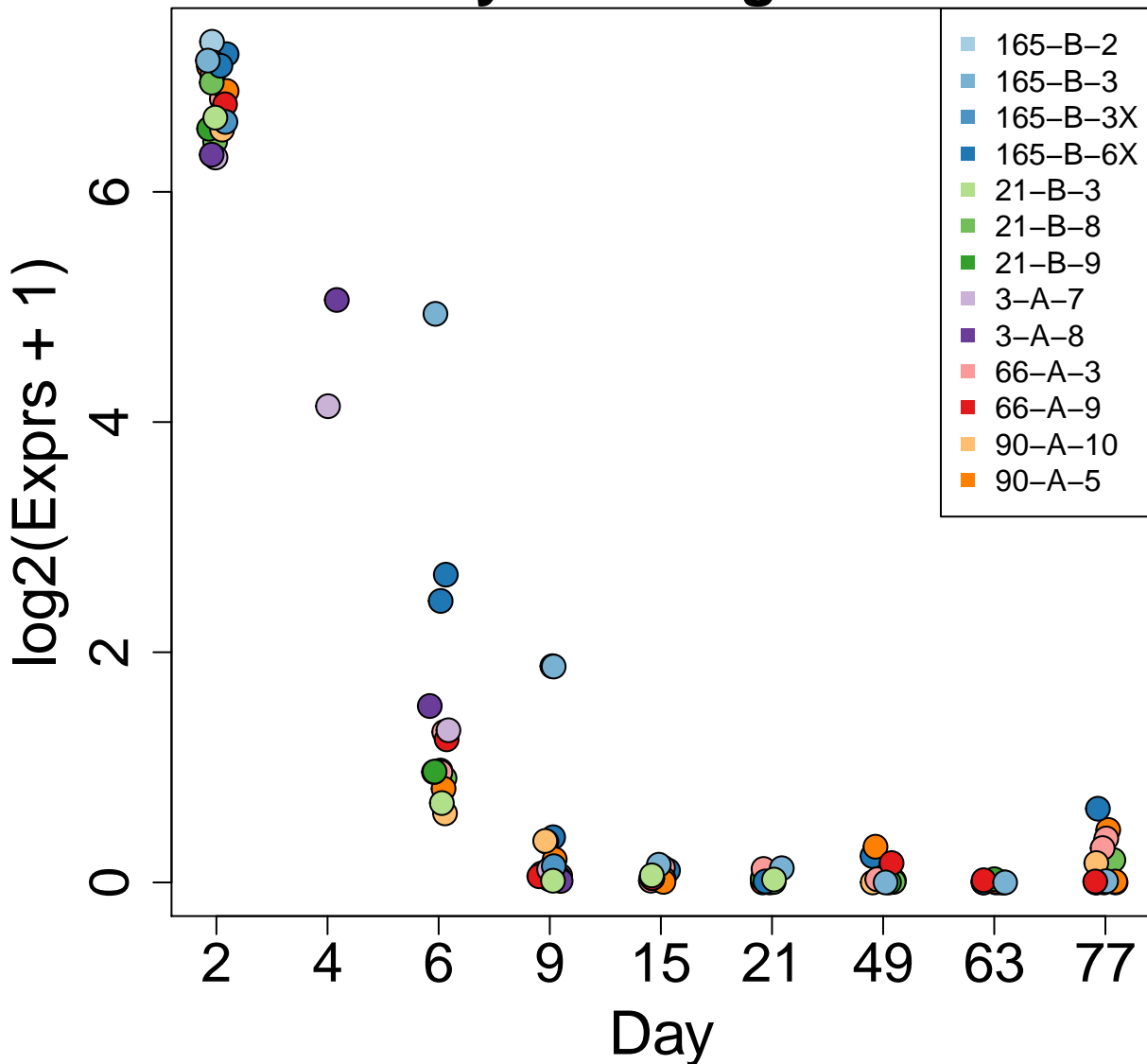


POU5F1
early downregulated

early downregulated



2

4

6

9

15

24

49

63

77

Day

-  165-B-2
-  165-B-3
-  165-B-3X
-  165-B-6X
-  21-B-3
-  21-B-8
-  21-B-9
-  3-A-7
-  3-A-8
-  66-A-3
-  66-A-9
-  90-A-10
-  90-A-5

■ 165-B-3

■ 165-B-3X

- 165-B-6X

■ 21-B-3

■ 21-B-8

■ 21-B-9

3-A-7

3-A-8

66-4-3

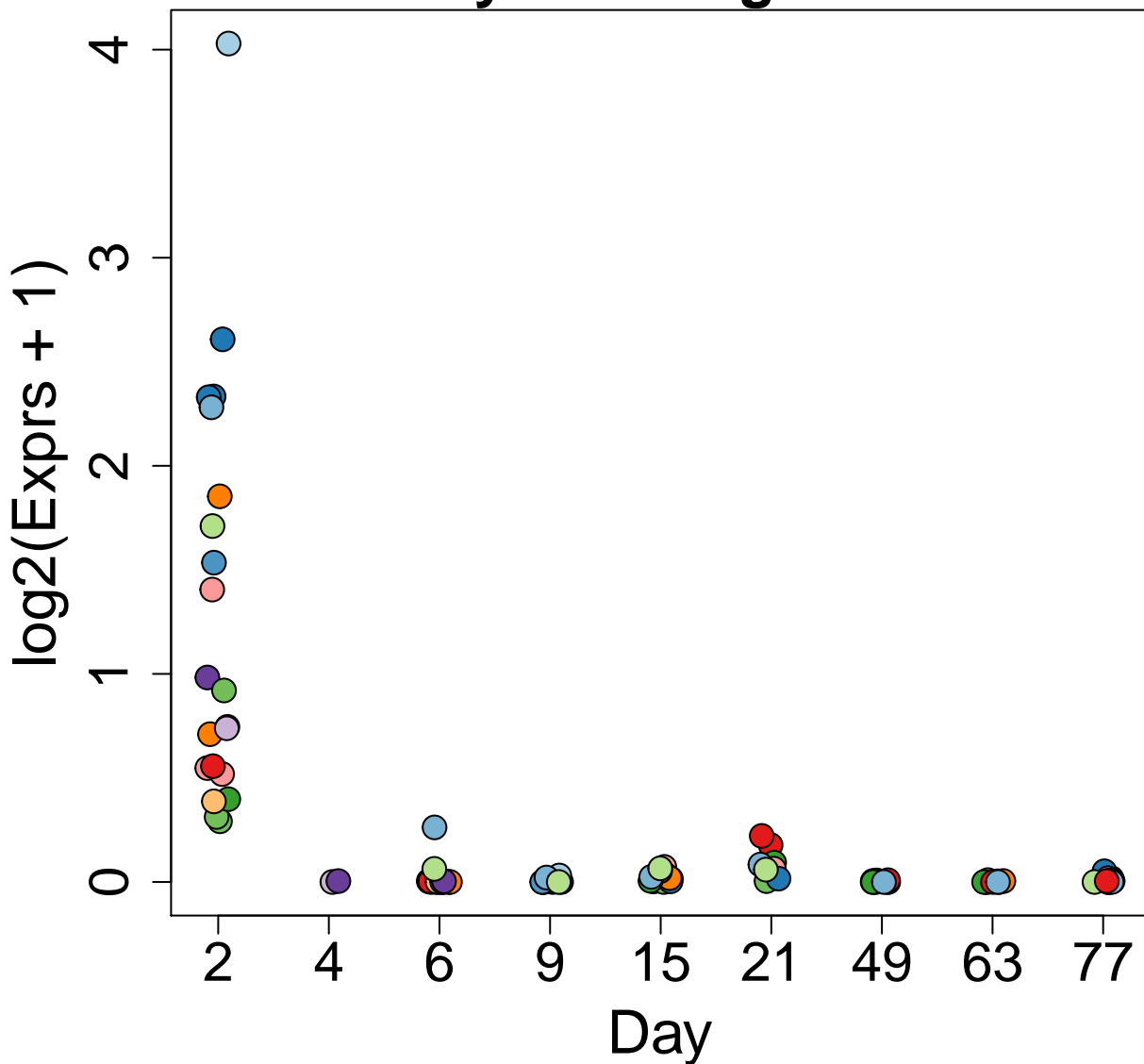
66-4-9

90-A-10

90_A_5

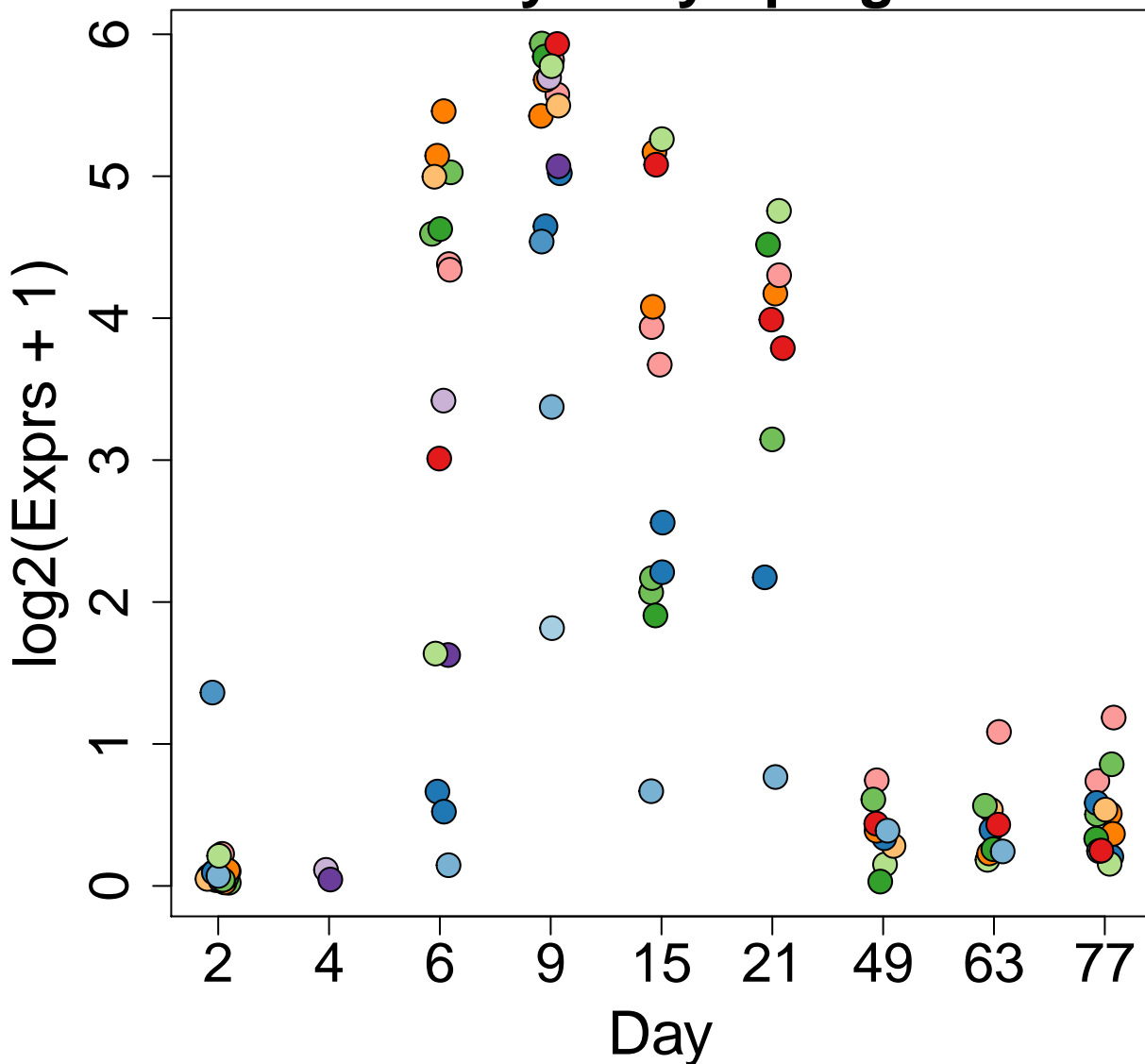
NANOG

early downregulated



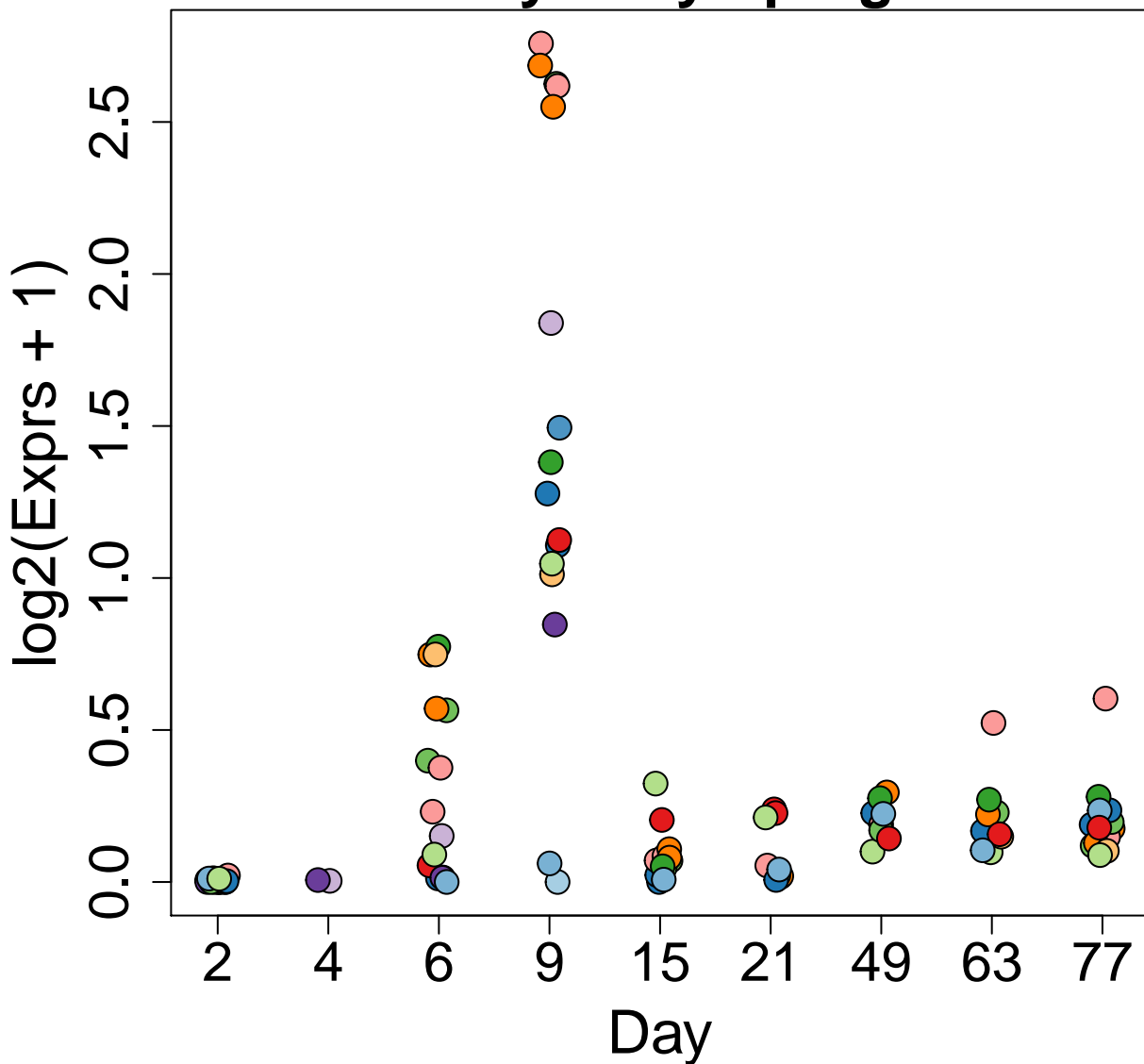
HES5

transiently early upregulated



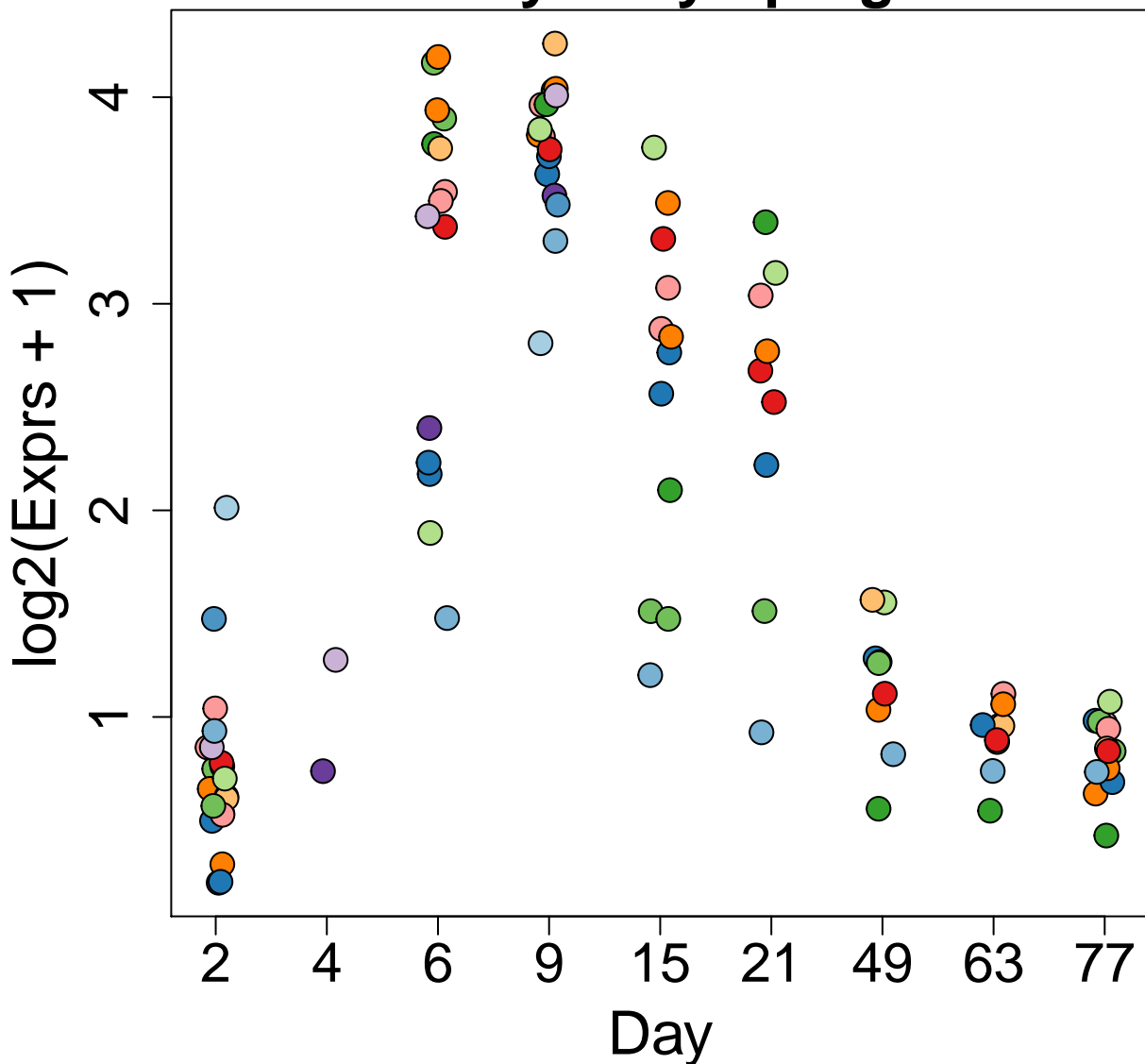
NR2E1

transiently early upregulated



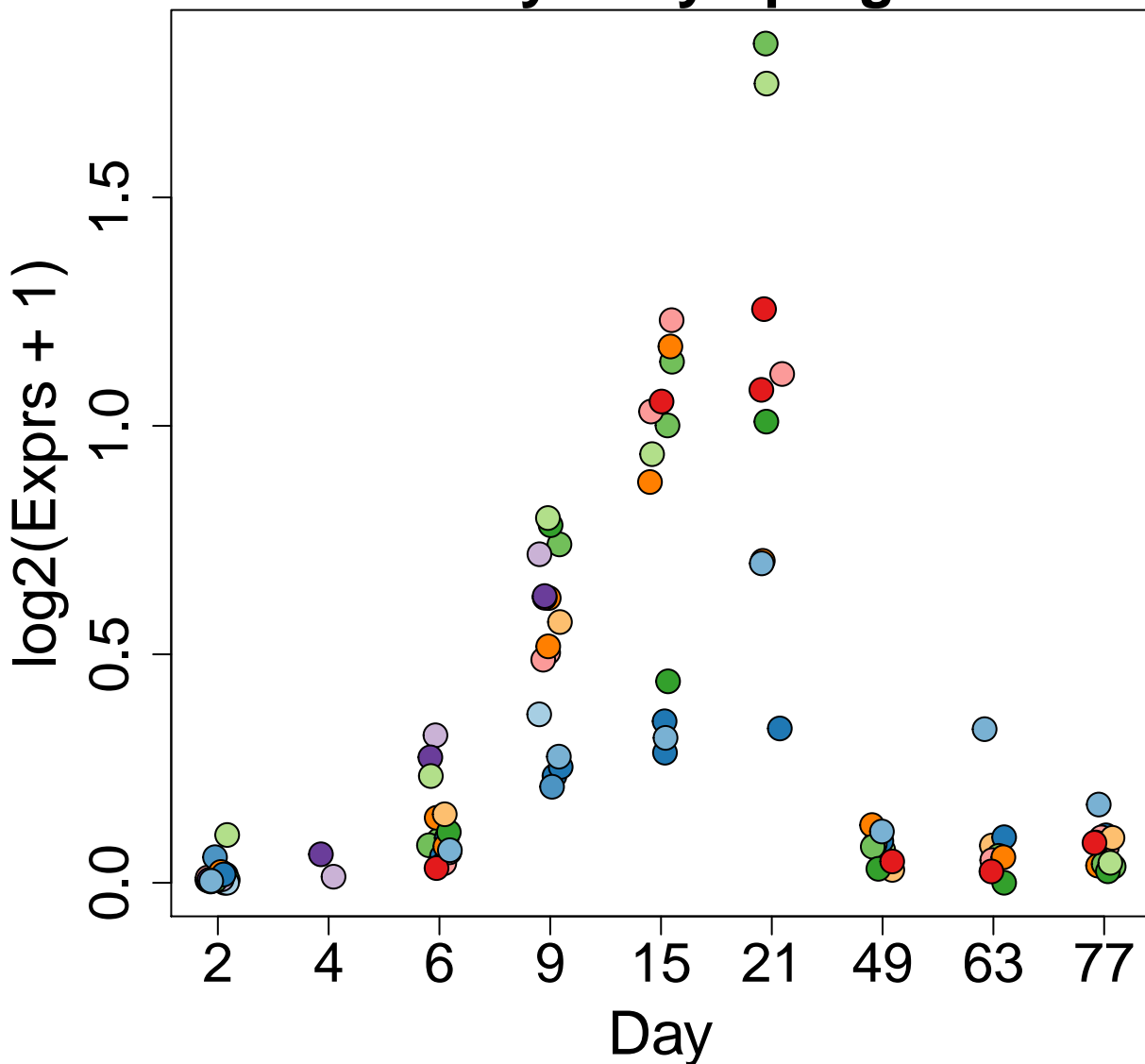
DLL1

transiently early upregulated



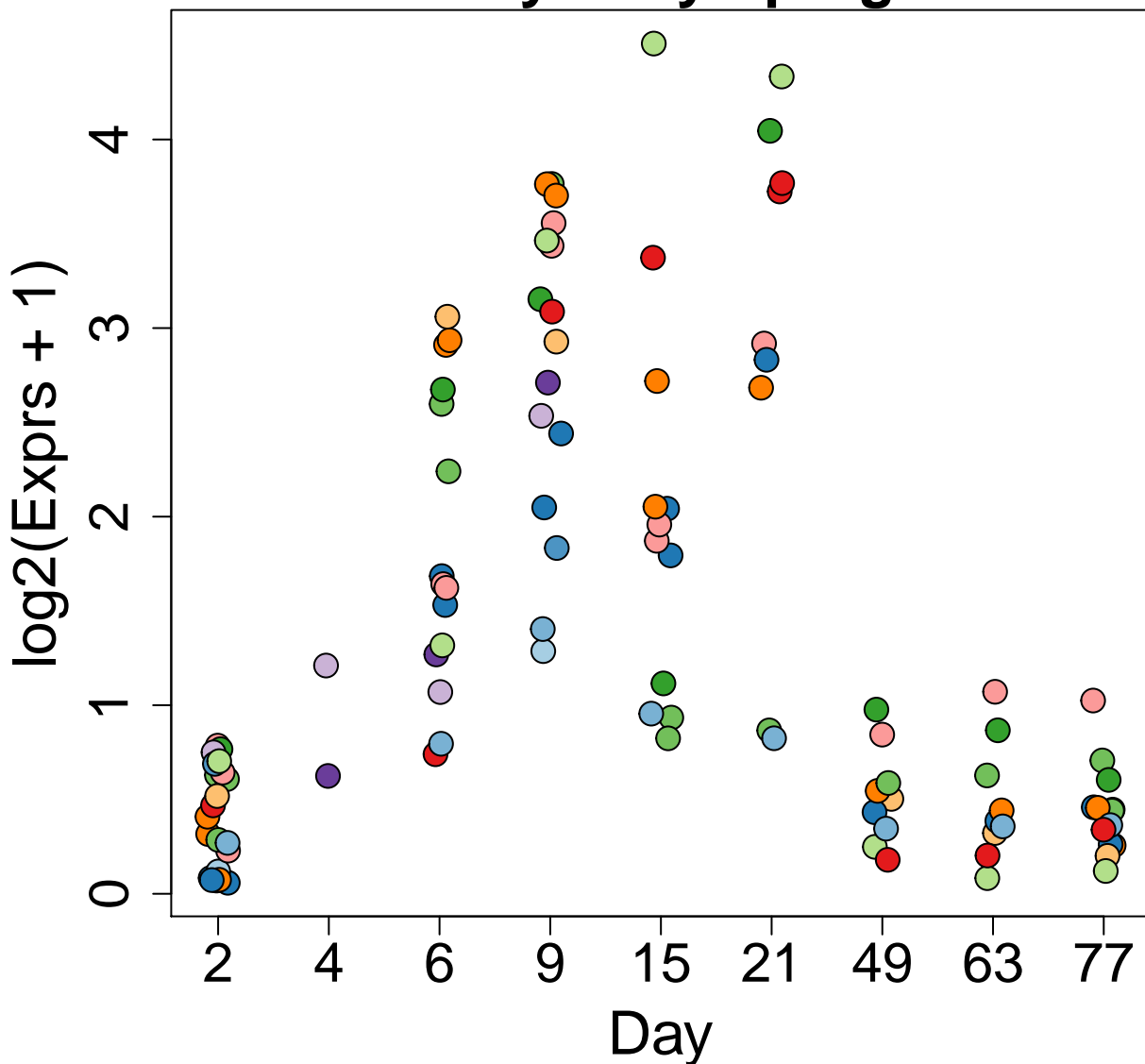
LGR5

transiently early upregulated



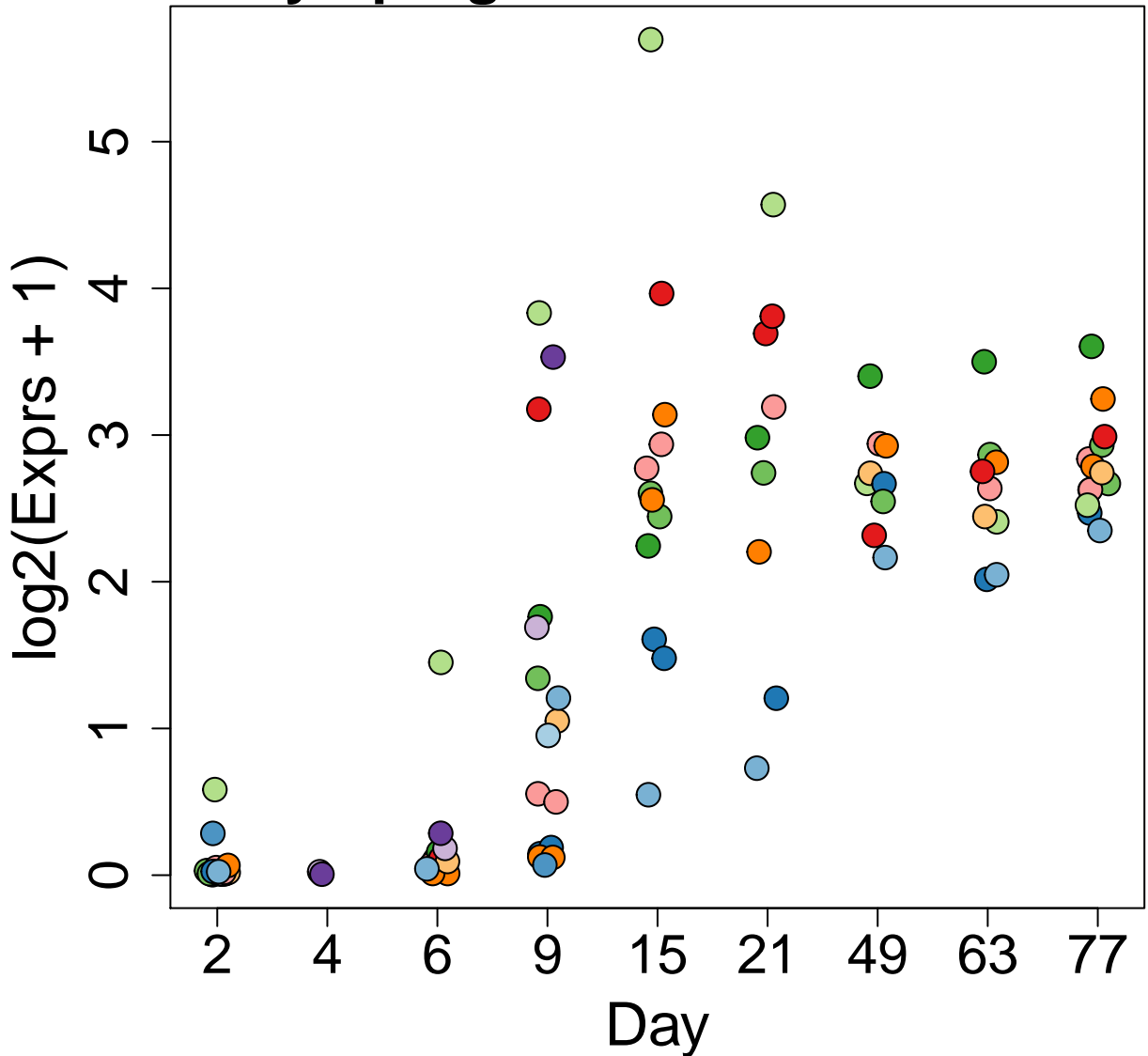
SOX1

transiently early upregulated



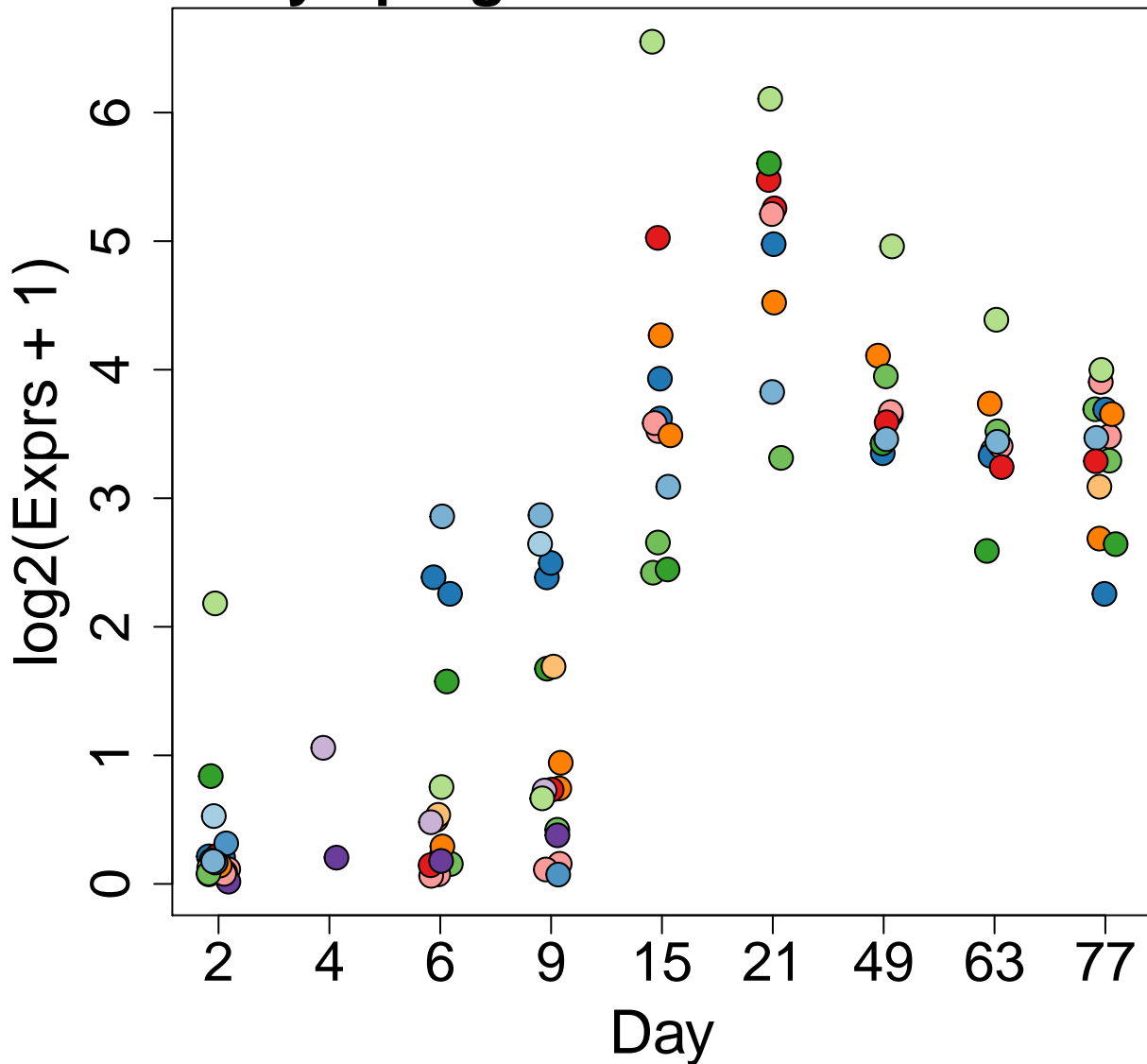
FOXG1

early upregulated and maintained



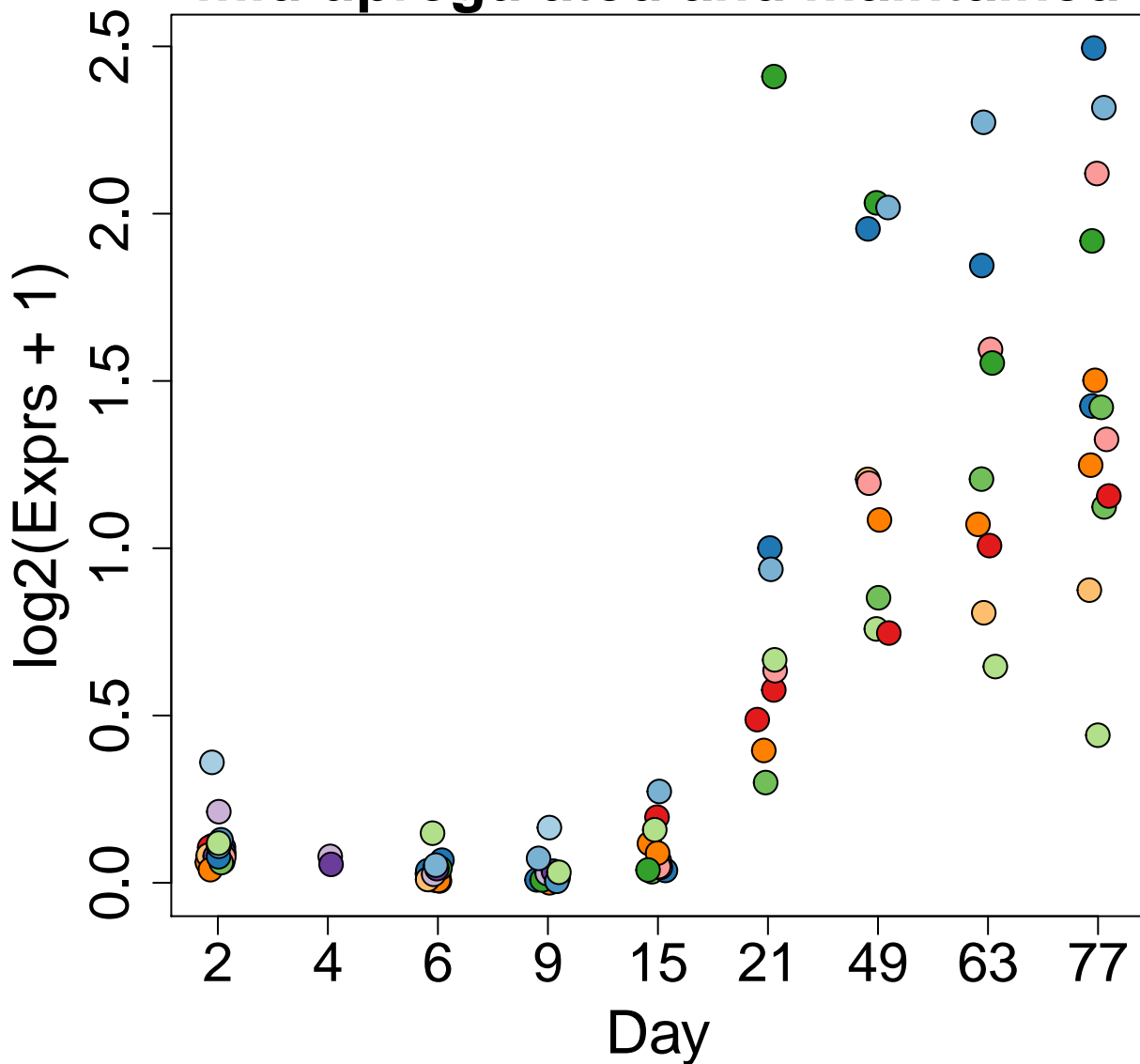
ZIC1

early upregulated and maintained



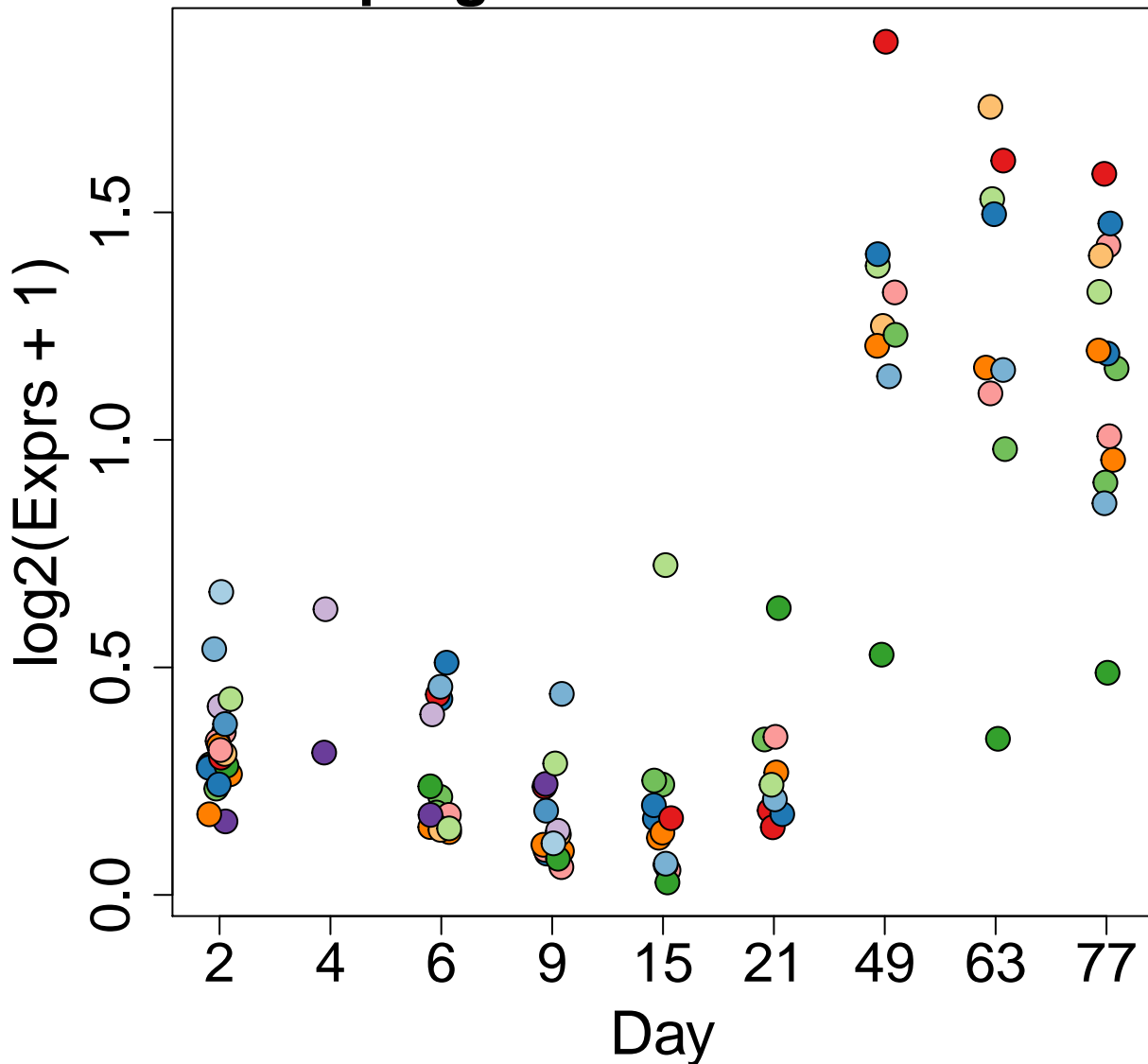
NFIA

mid upregulated and maintained



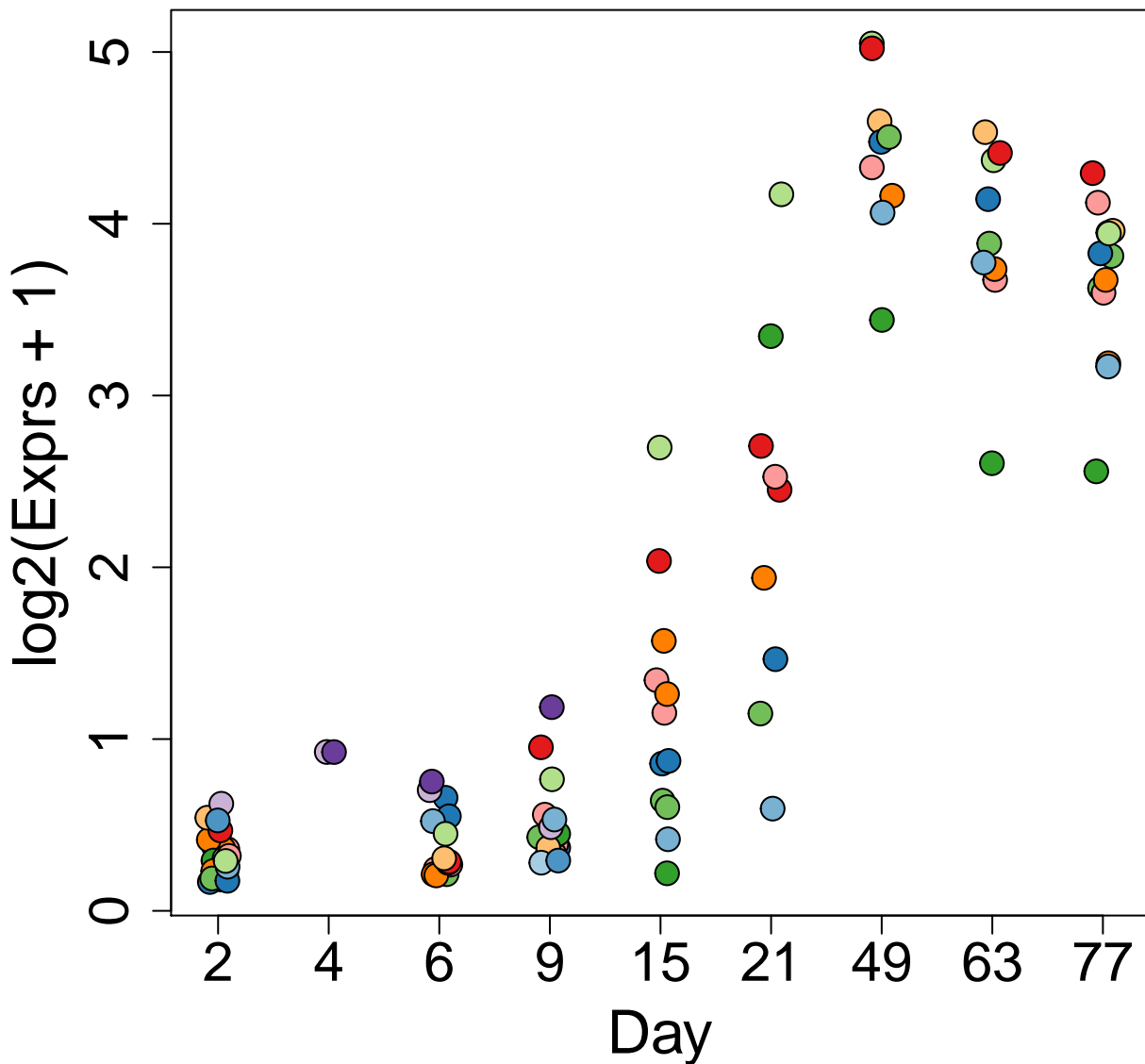
SLITRK3

mid upregulated and maintained



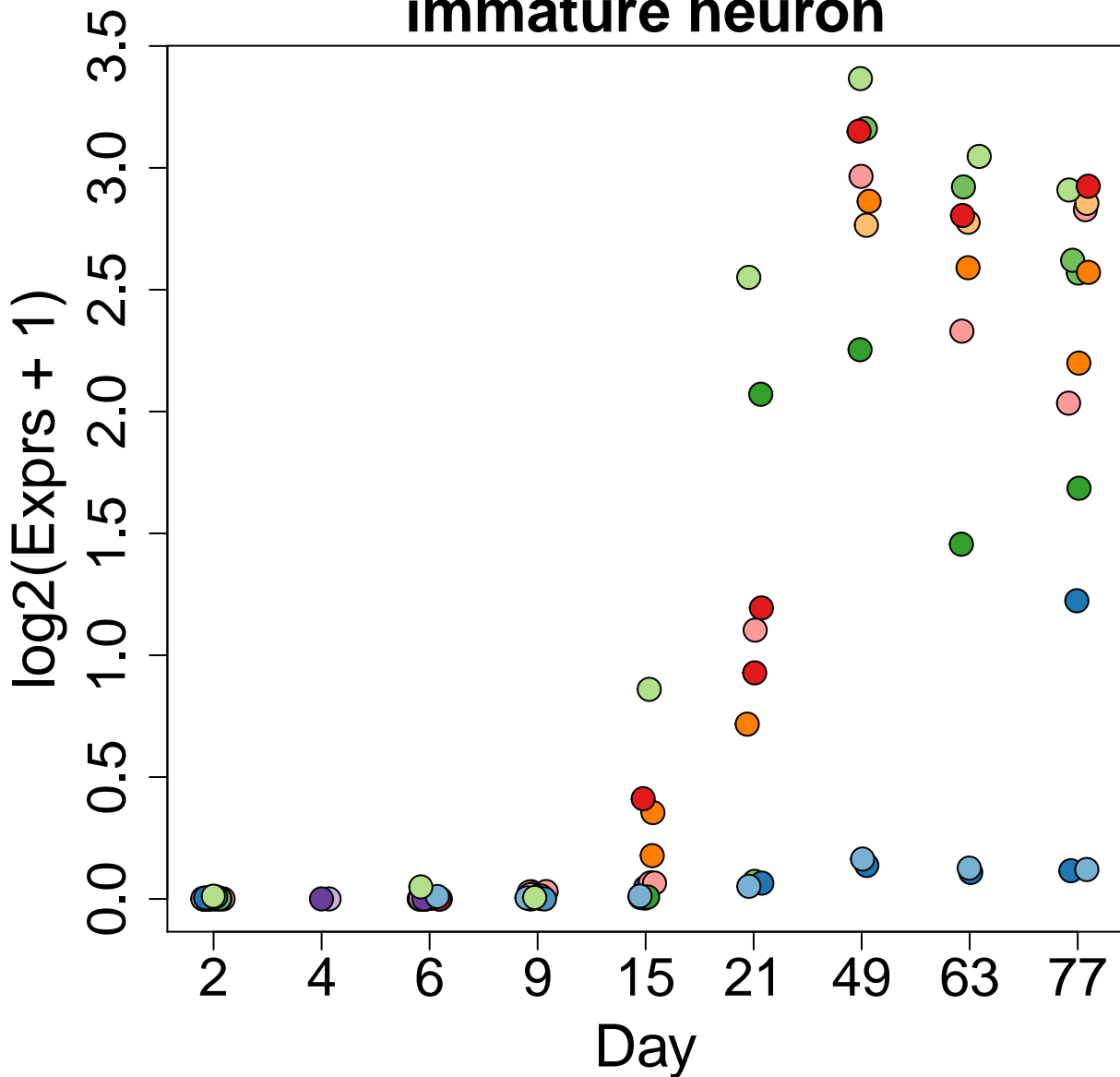
DCX

immature neuron



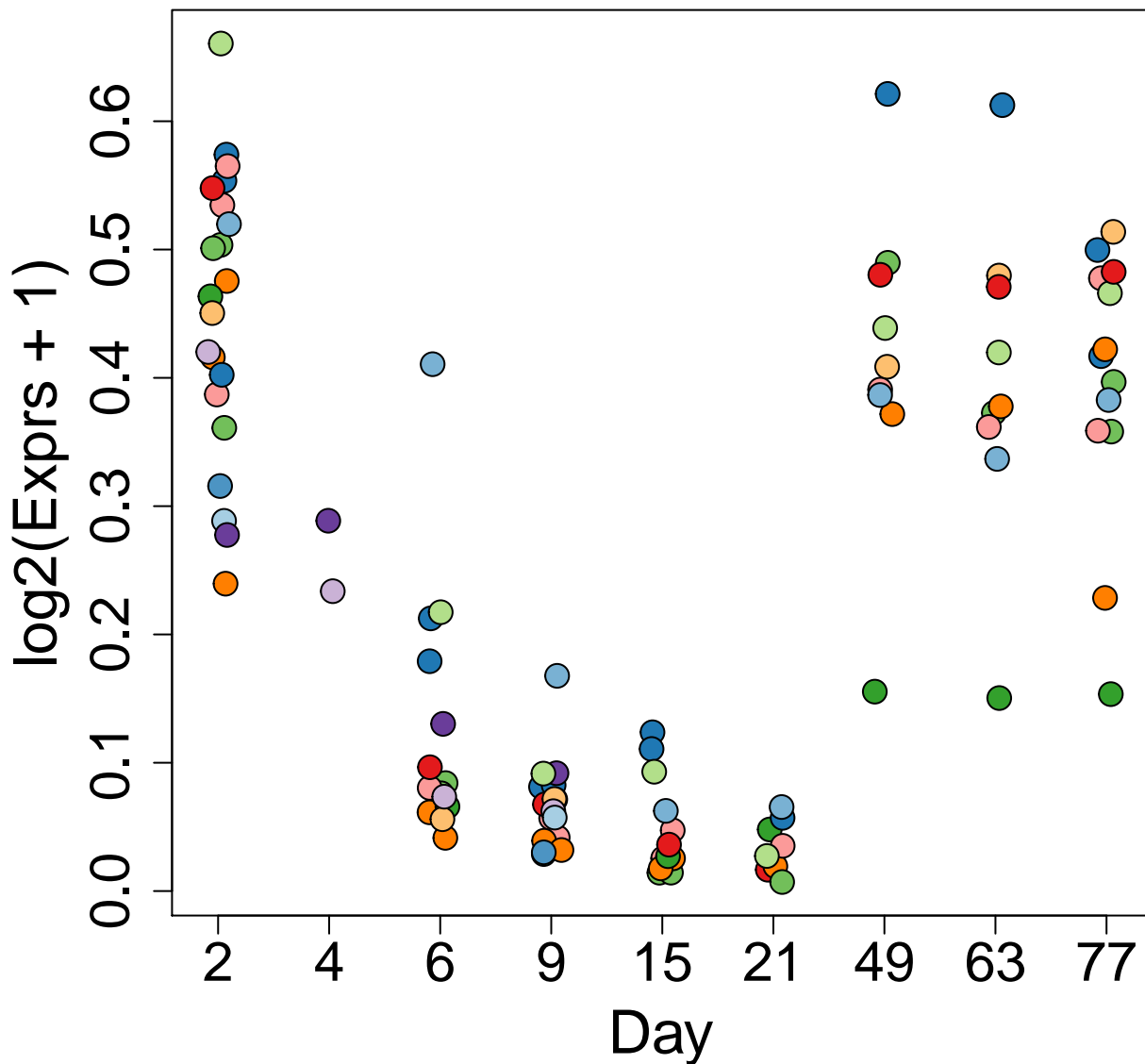
TBR1

immature neuron



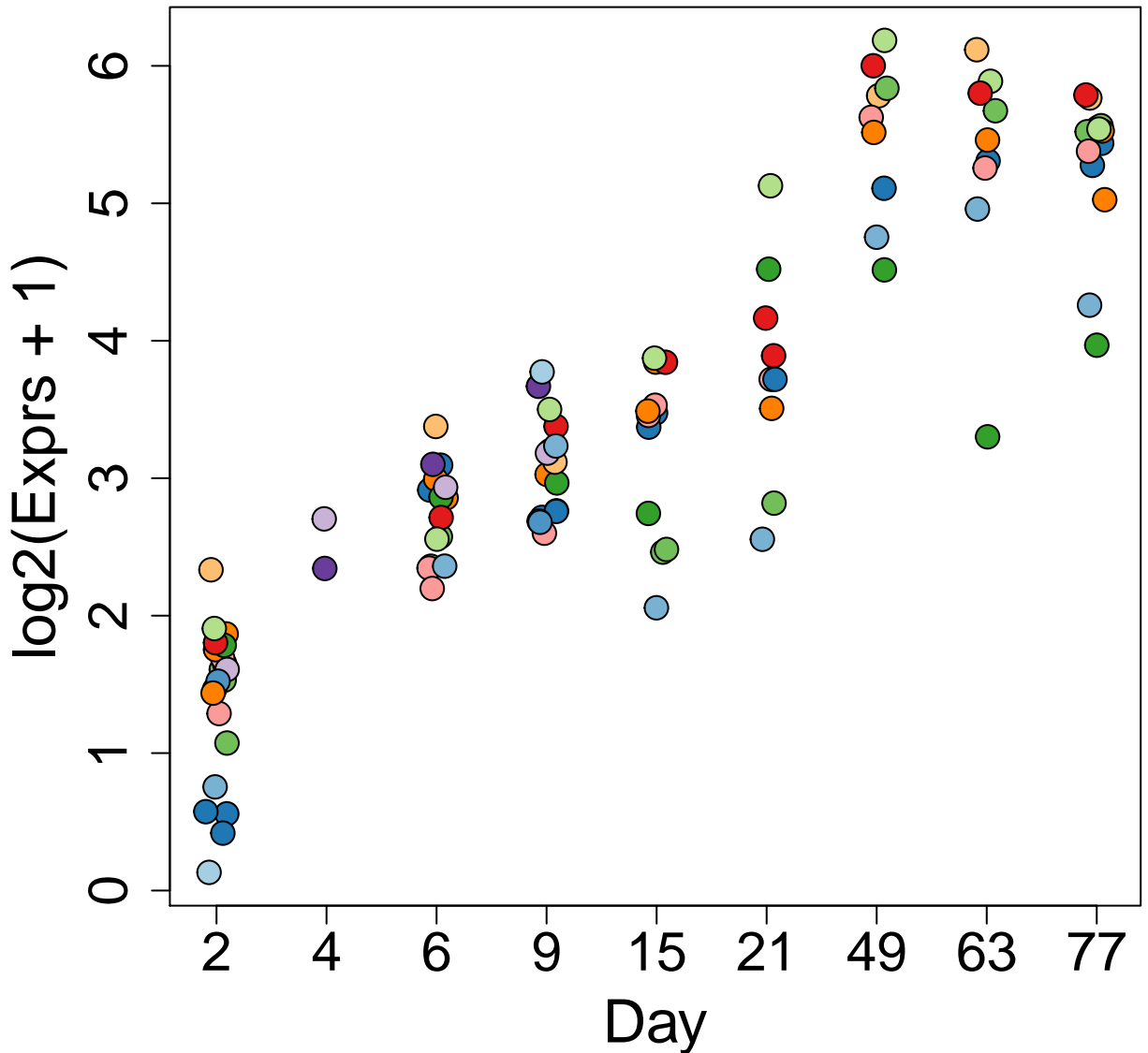
RBFOX3

mature neuron



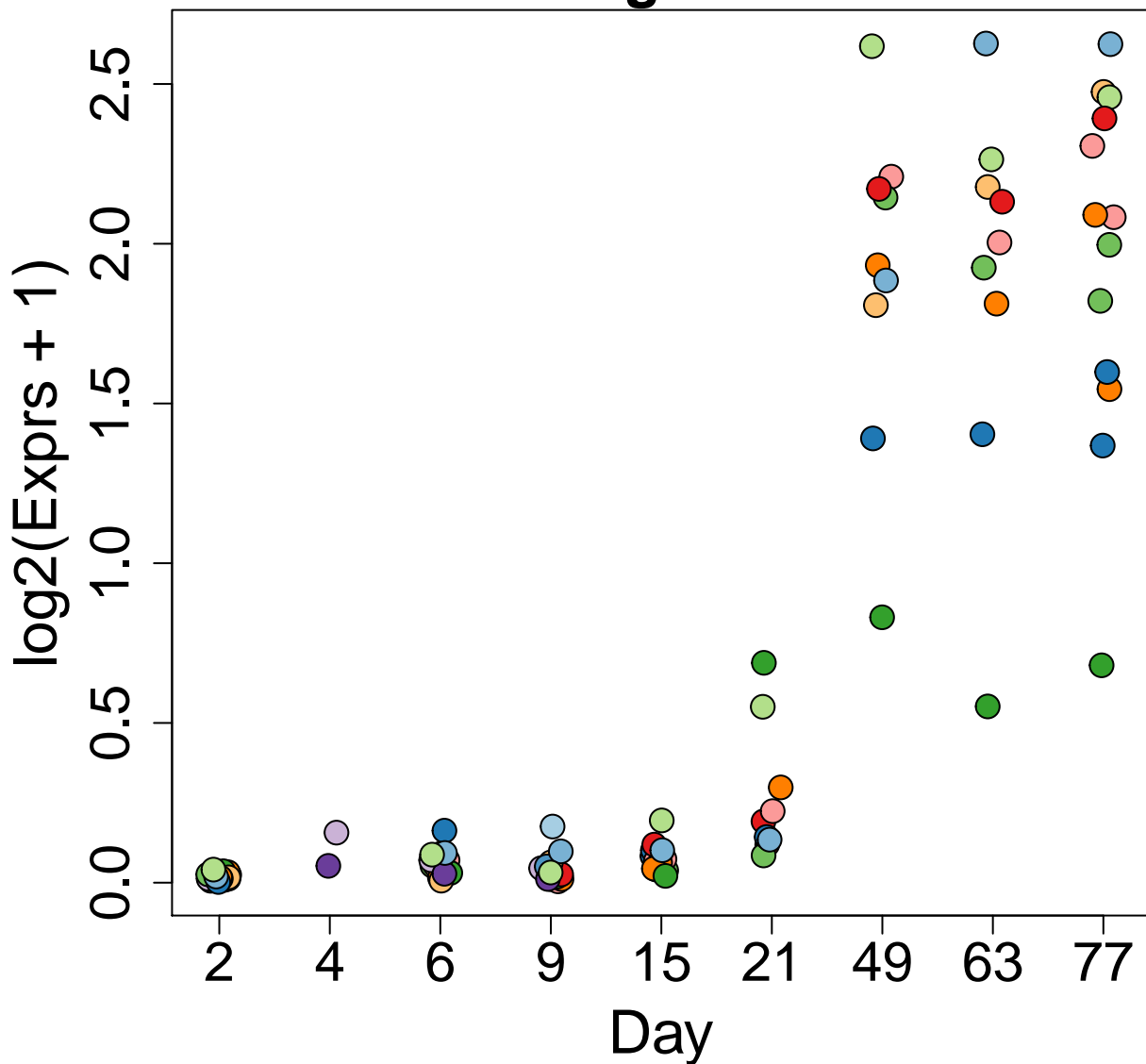
MAP2

mature neuron



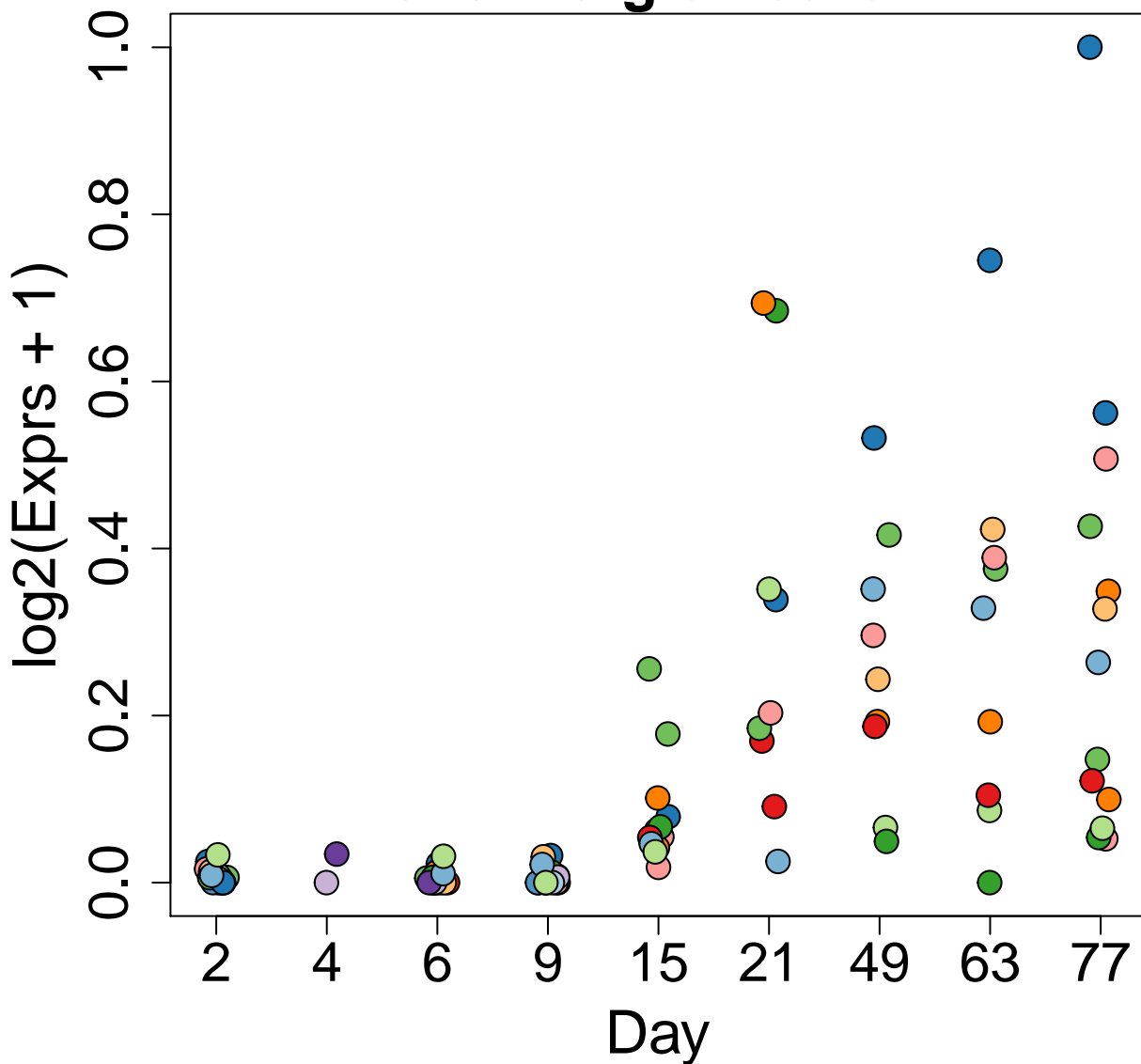
SLC6A1

GABAergic neuron



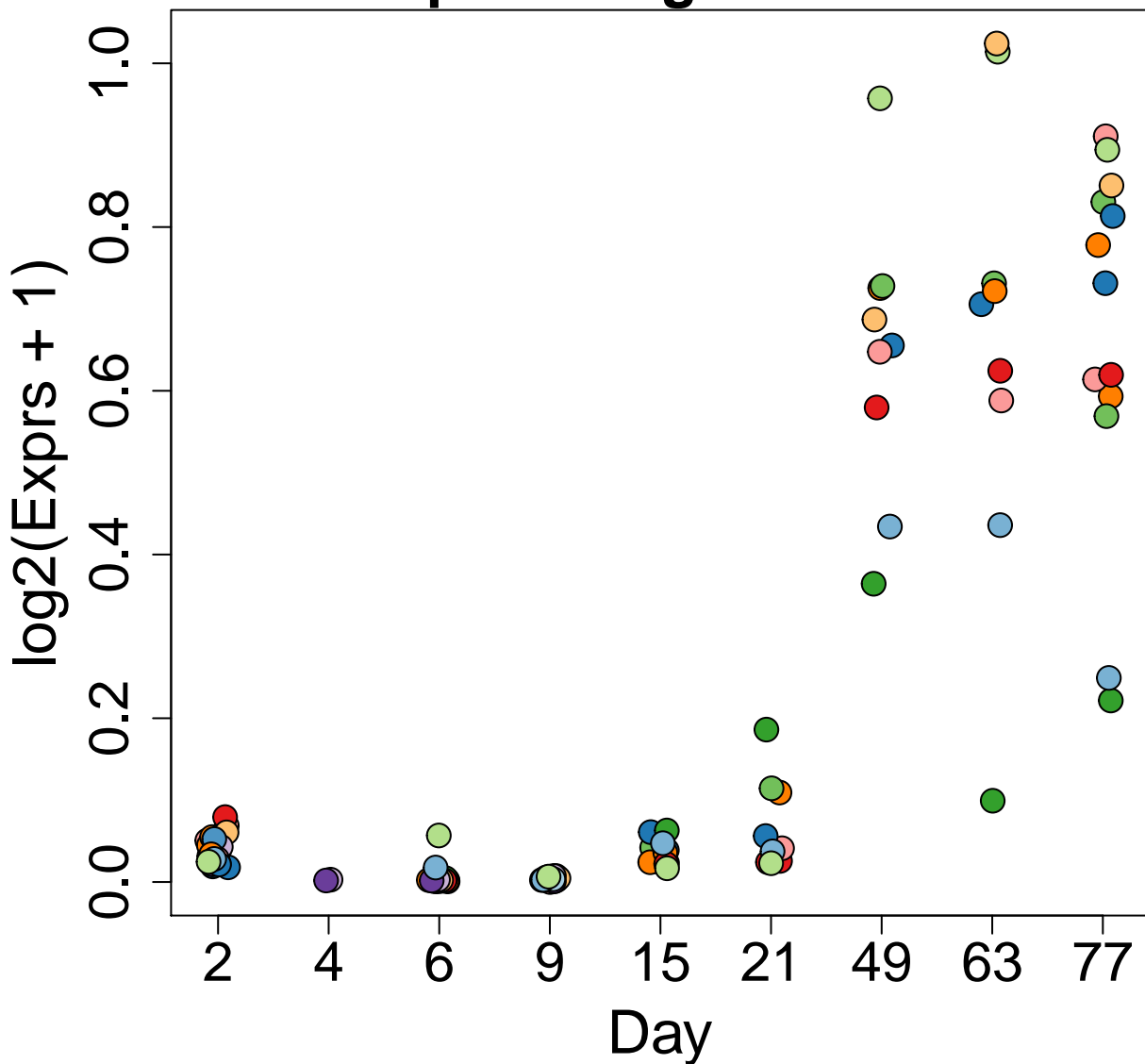
SLC18A3

cholinergic neuron



KCNJ6

dopaminergic neuron



SLC17A6

glutamatergic neuron

