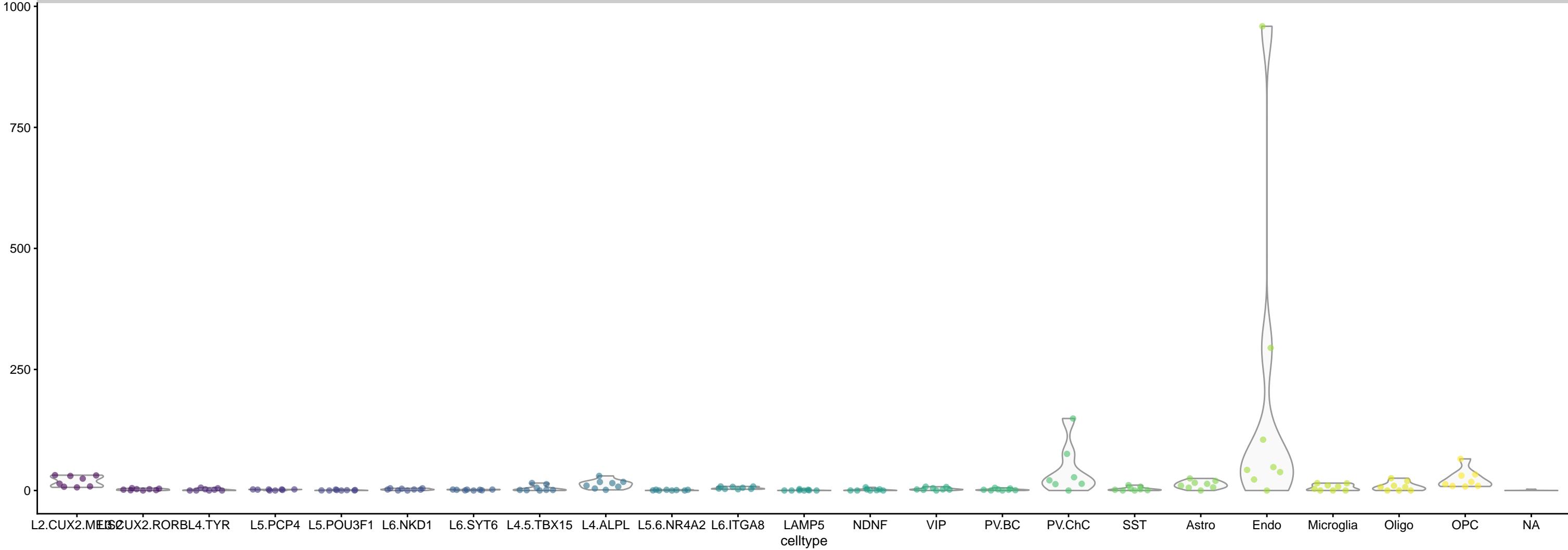


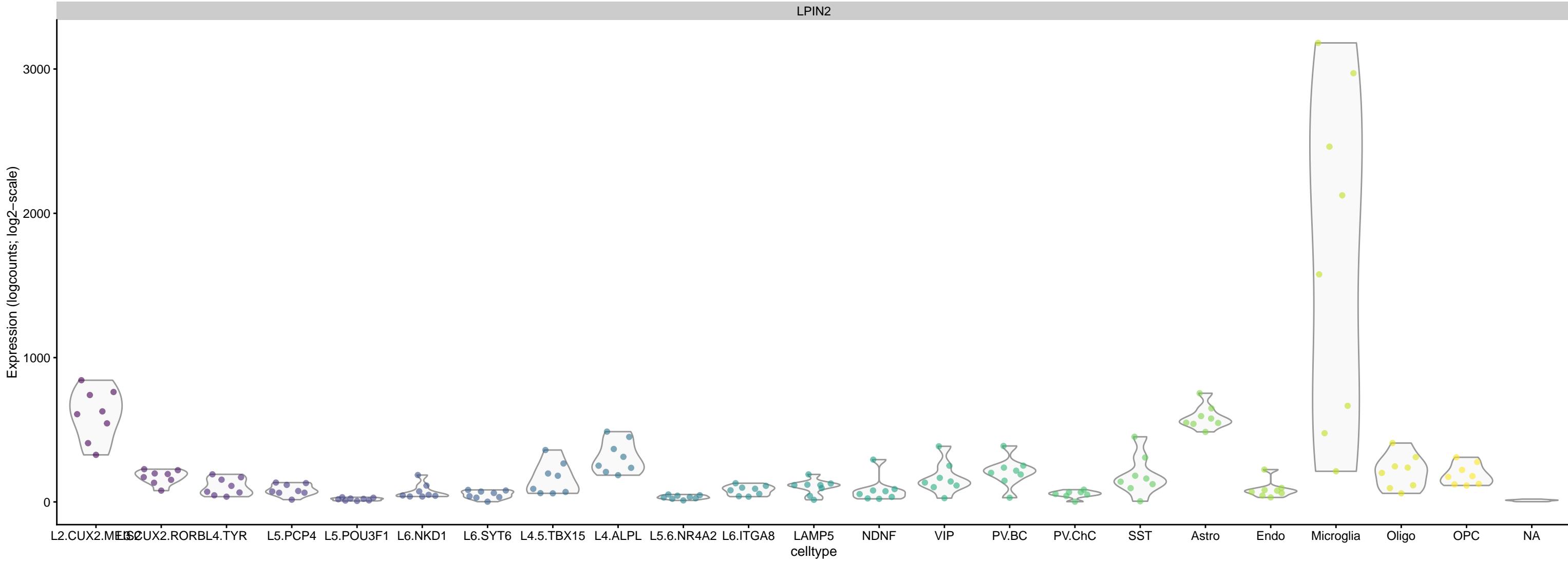
celltype: L6.NKD1, gene: SLC22A2, peak:L6.NKD1_4_SLC22A2

SLC22A2

Expression (logcounts; log2-scale)

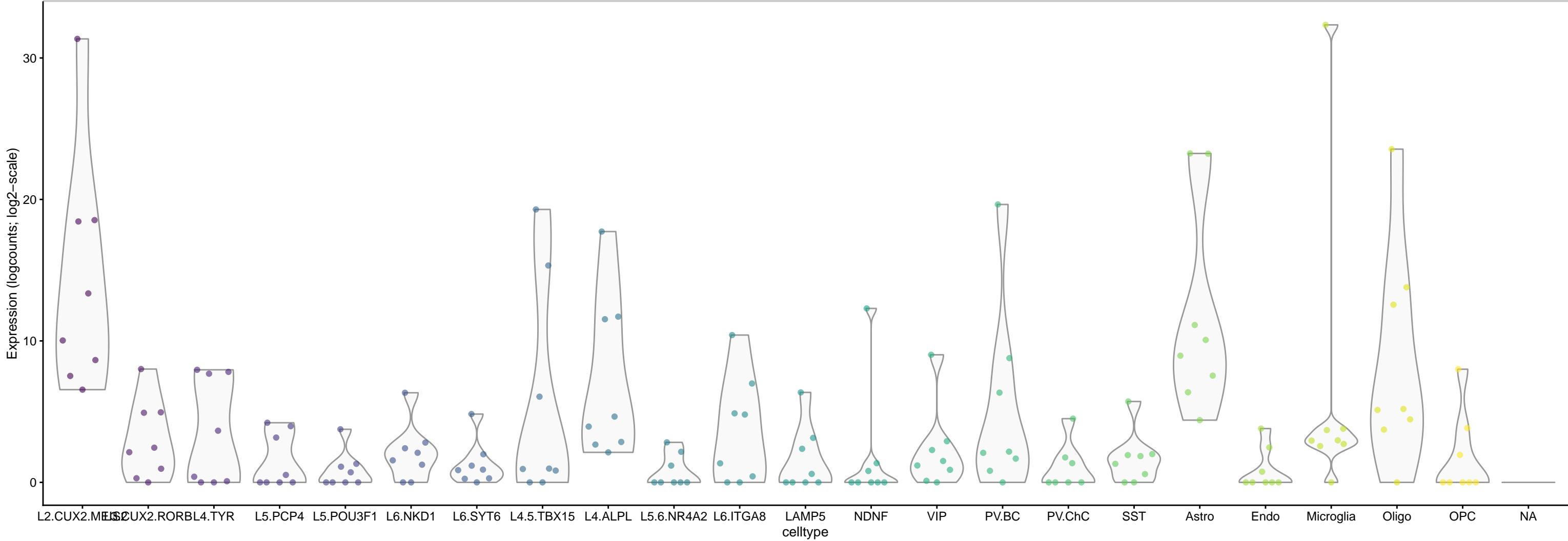


celltype: L6.NKD1, gene: LPIN2, peak:L6.NKD1_8_LPIN2



celltype: L6.NKD1, gene: SGMS1-AS1, peak:L6.NKD1_19_SGMS1-AS1

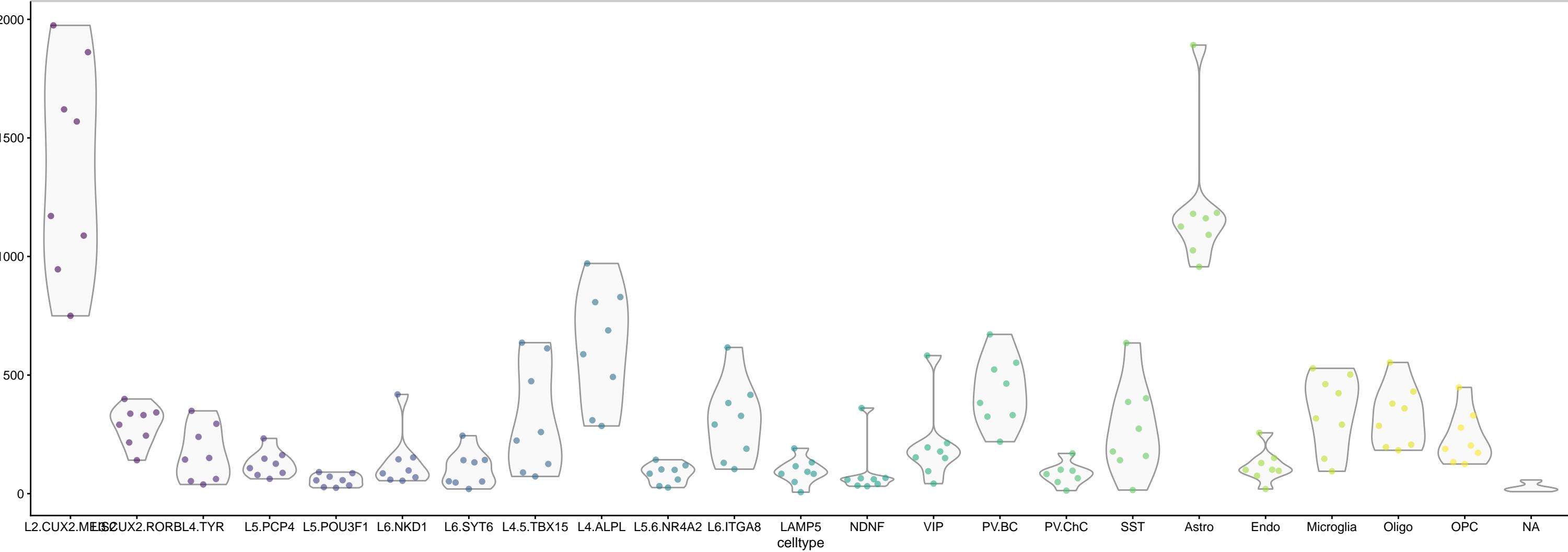
SGMS1-AS1



celltype: L6.NKD1, gene: SAFB2, peak:L6.NKD1_50_SAFB2,TINCR1

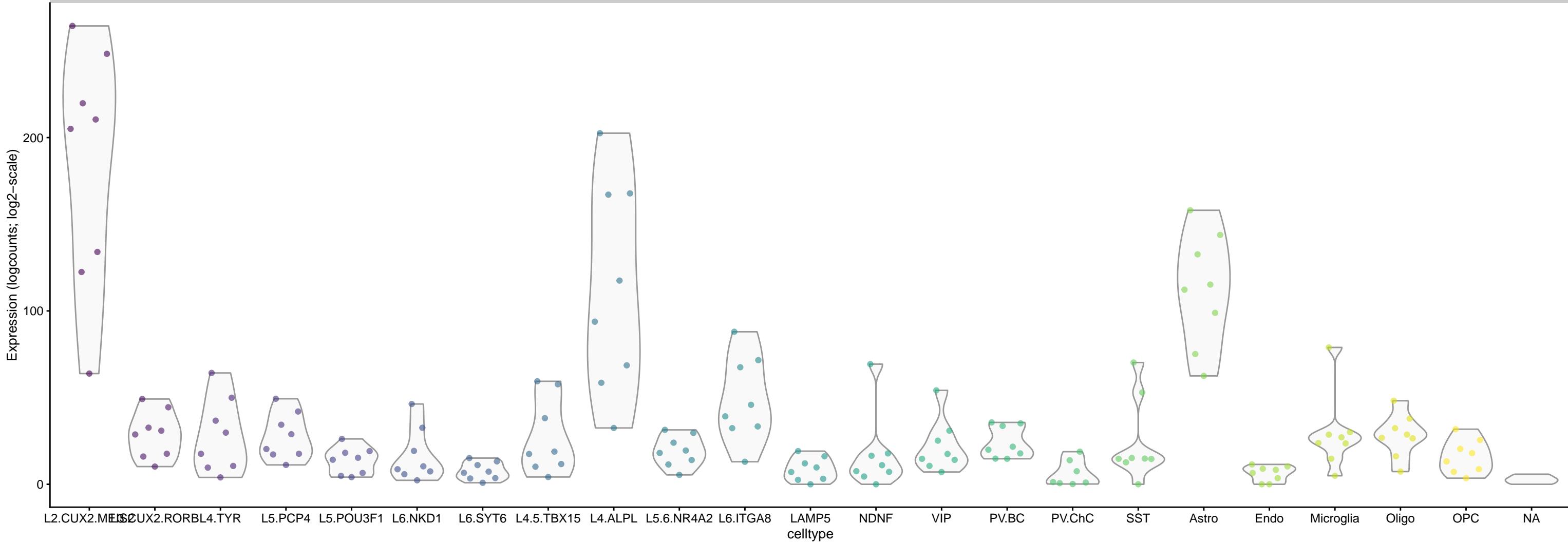
SAFB2

Expression (logcounts; log2-scale)



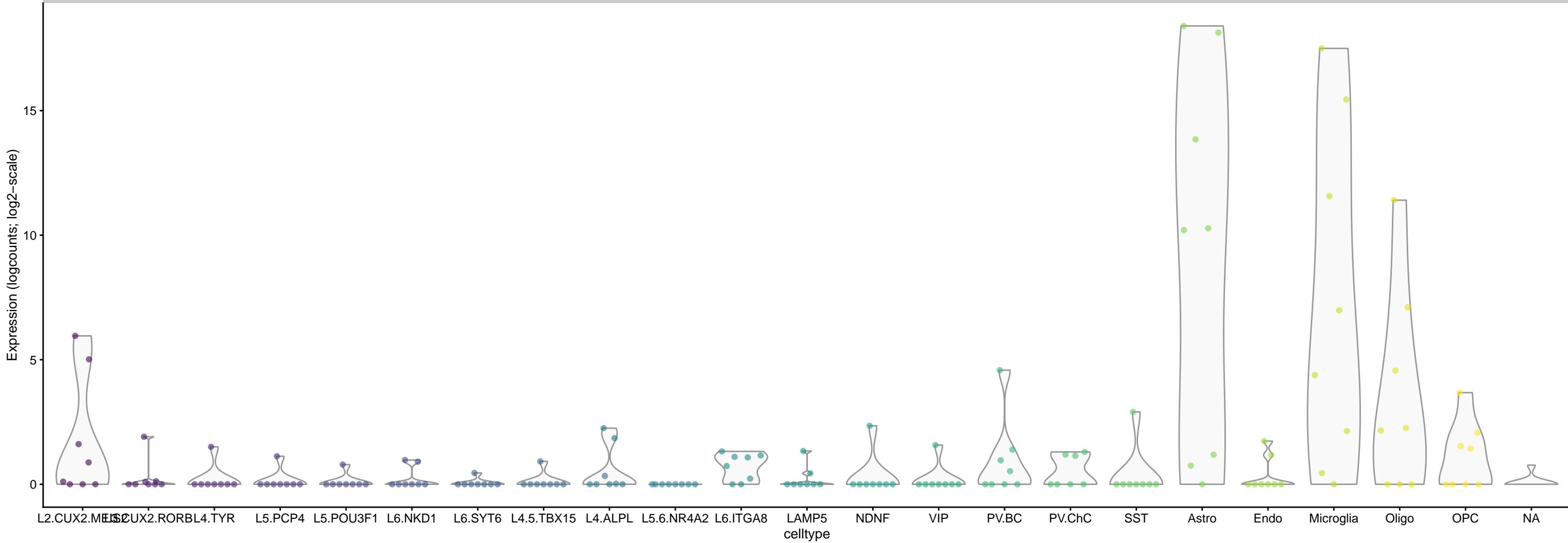
celltype: L6.NKD1, gene: TINCR, peak:L6.NKD1_50_SAFB2,TINCR2

TINCR

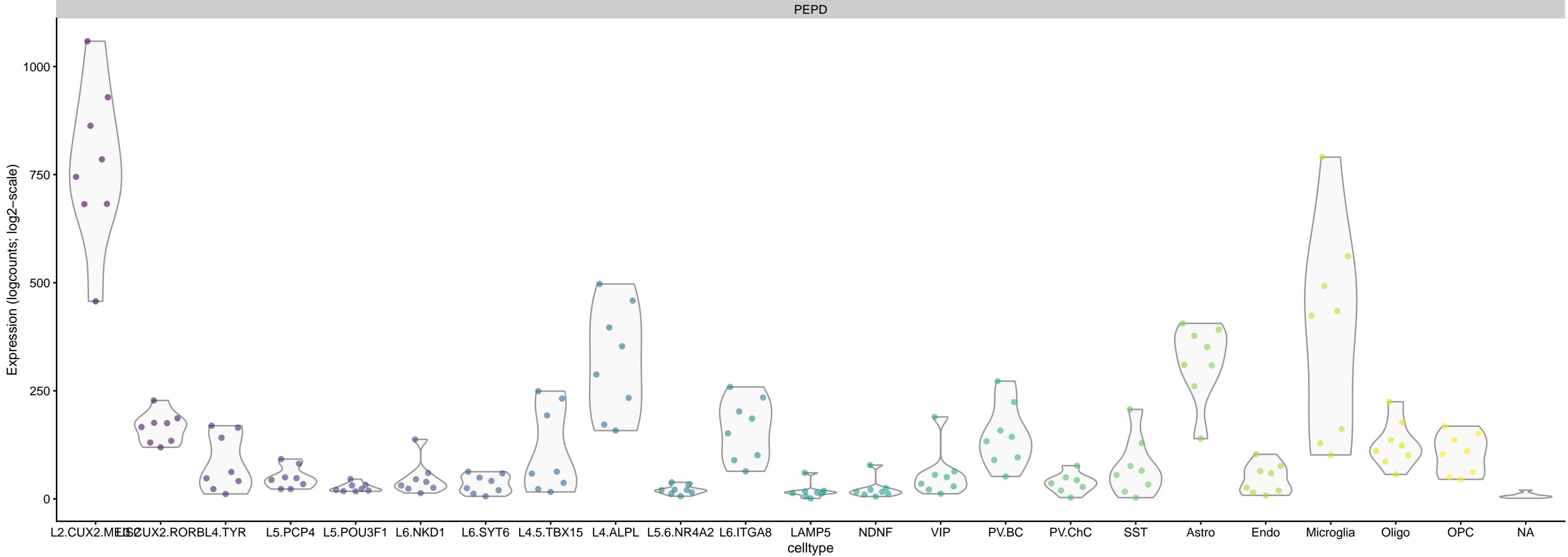


celltype: L6.NKD1, gene: CEBPA-DT, peak:L6.NKD1_53_CEBPA-DT,PEPD1

CEBPA-DT

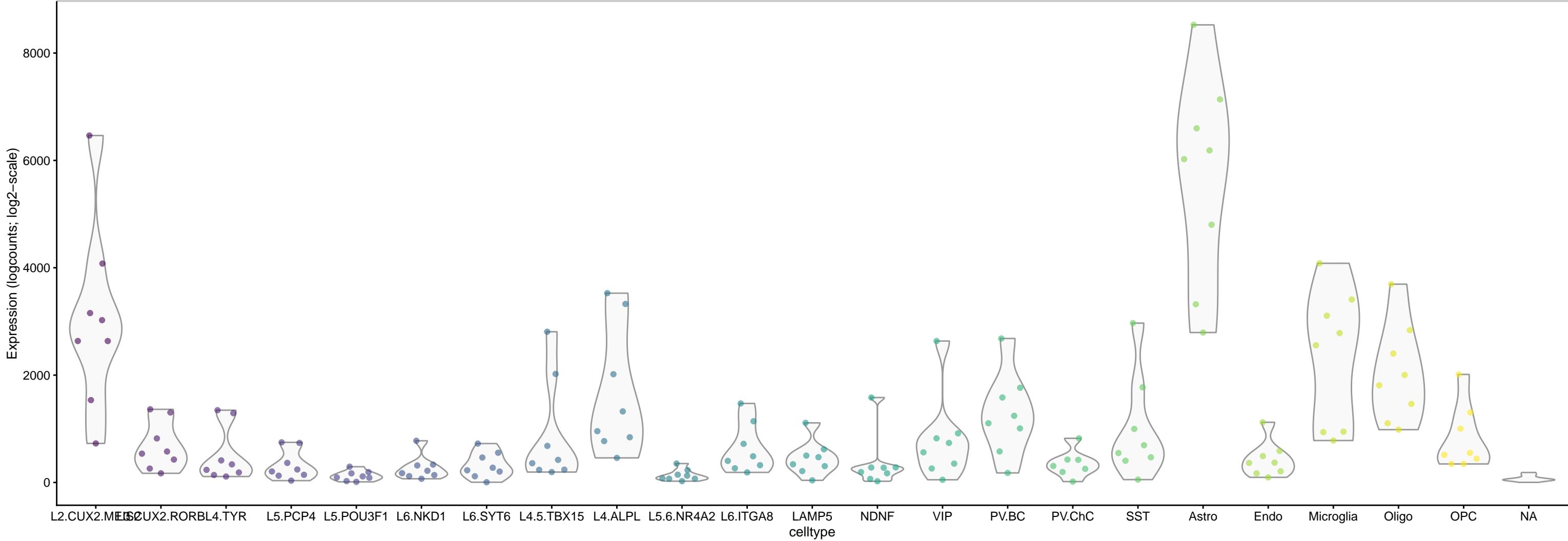


celltype: L6.NKD1, gene: PEPD, peak:L6.NKD1_53_CEBPA-DT,PEPD2



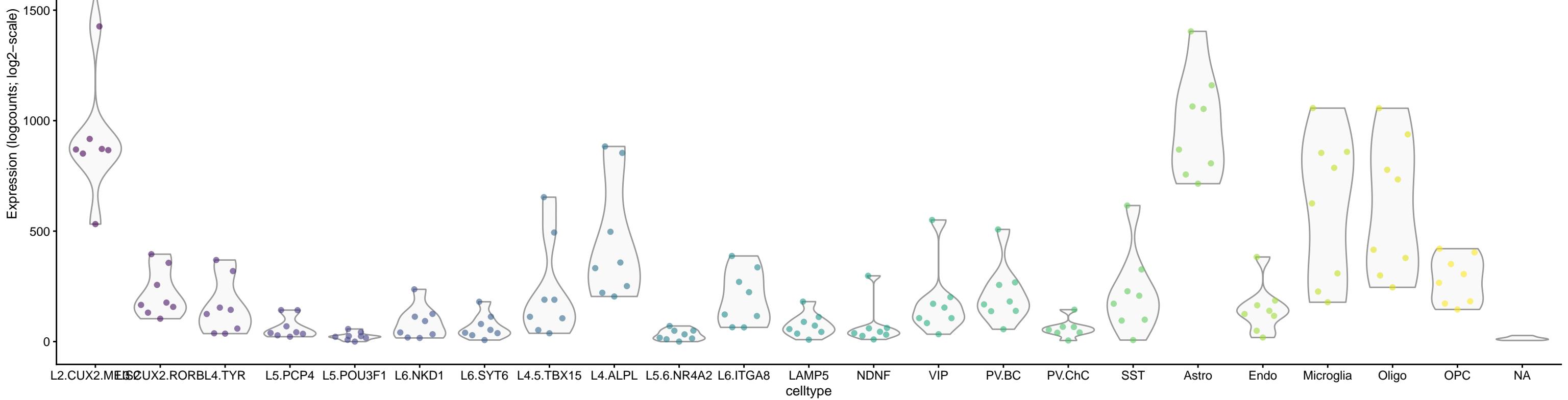
celltype: L6.NKD1, gene: CPEB3, peak:L6.NKD1_64_CPEB3

CPEB3



celltype: L6.NKD1, gene: KPNA3, peak:L6.NKD1_73_KPNA3

KPNA3



celltype: L6.NKD1, gene: LINC00598, peak:L6.NKD1_77_LINC00598

LINC00598

Expression (logcounts; log₂-scale)

3000

2000

1000

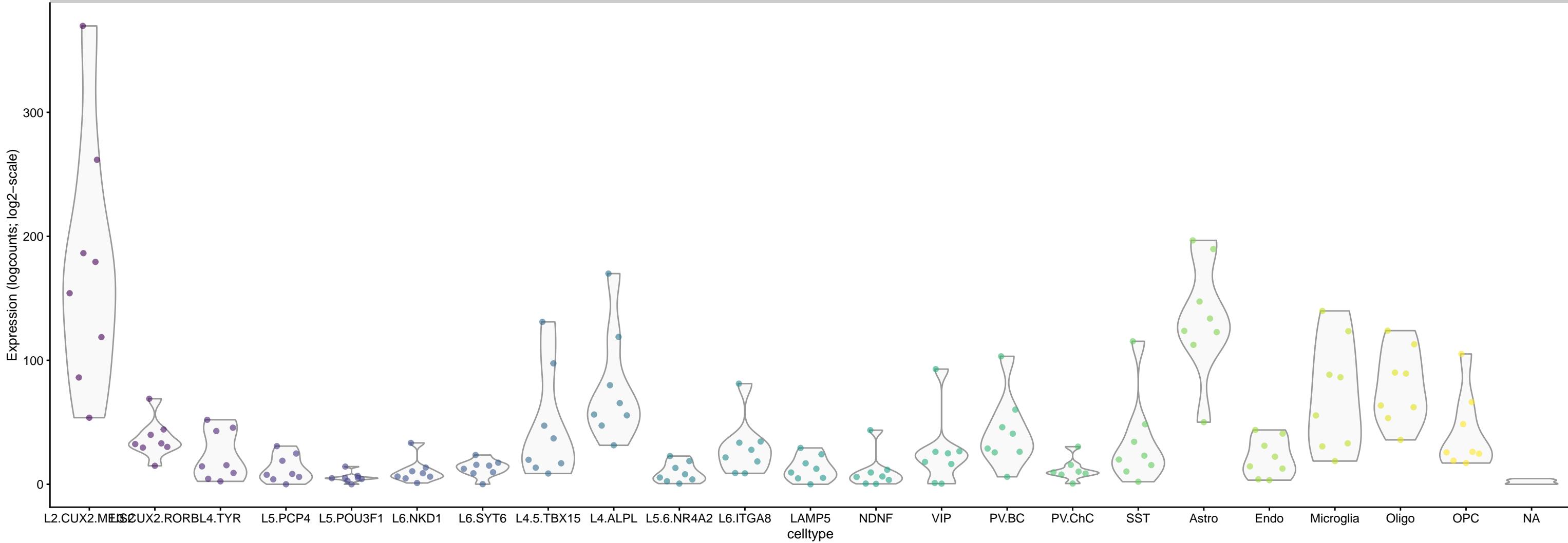
0

L2.CUX2.MES L2.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA

celltype

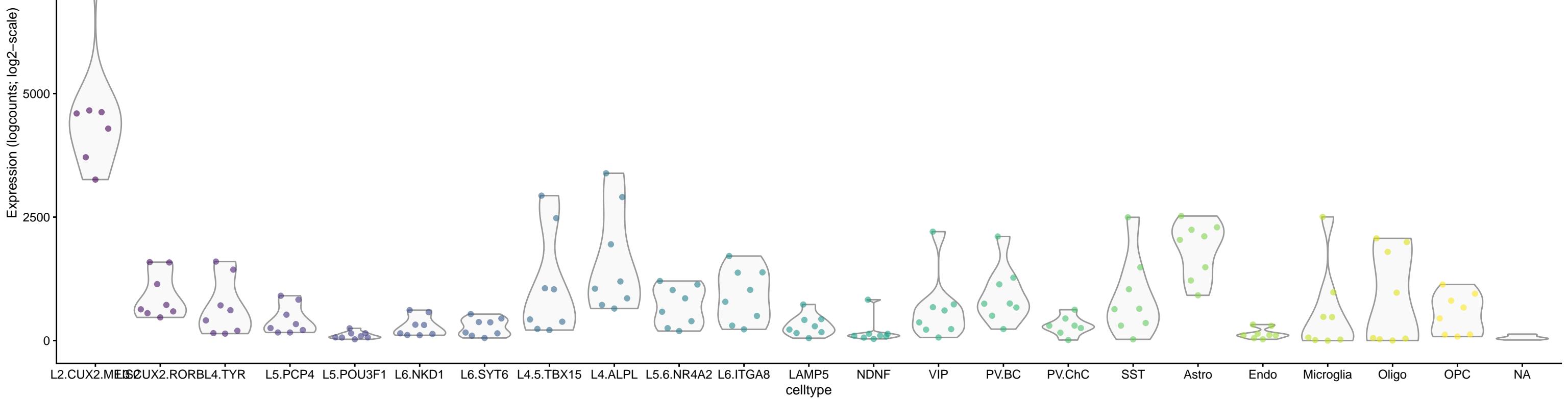
celltype: L6.NKD1, gene: RAE1, peak:L6.NKD1_84_BMP7-AS1,RAE12

RAE1

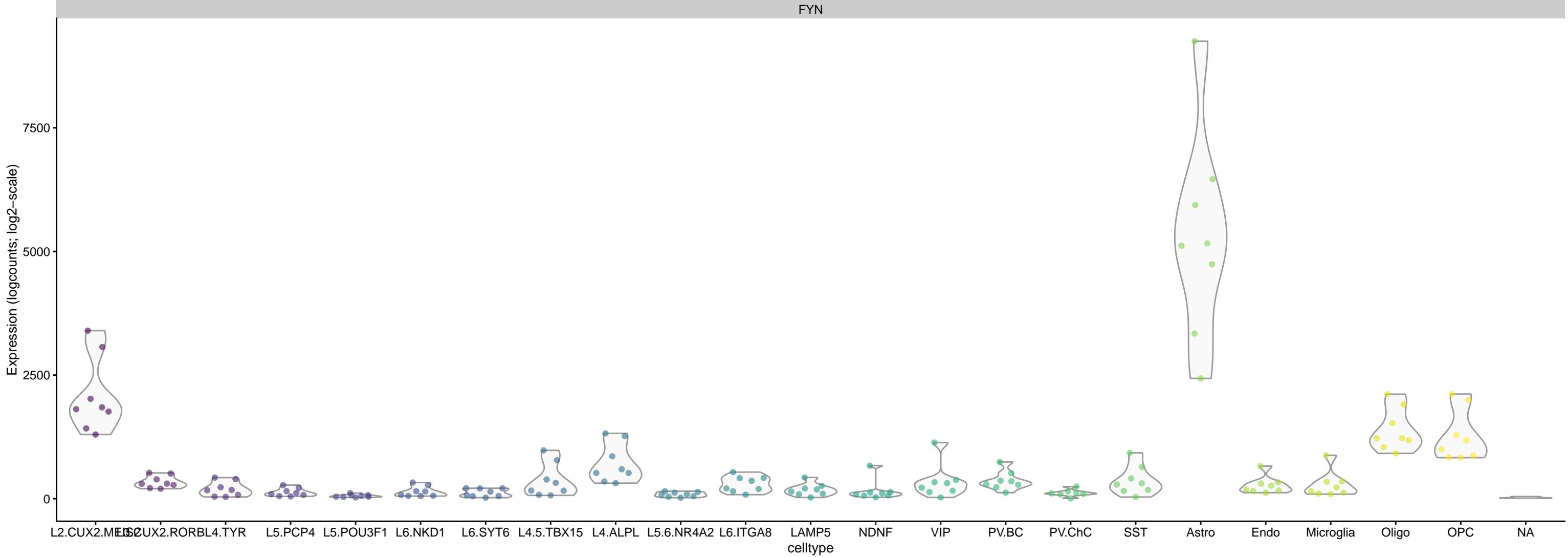


celltype: L6.NKD1, gene: SYBU, peak:L6.NKD1_91_SYBU

SYBU

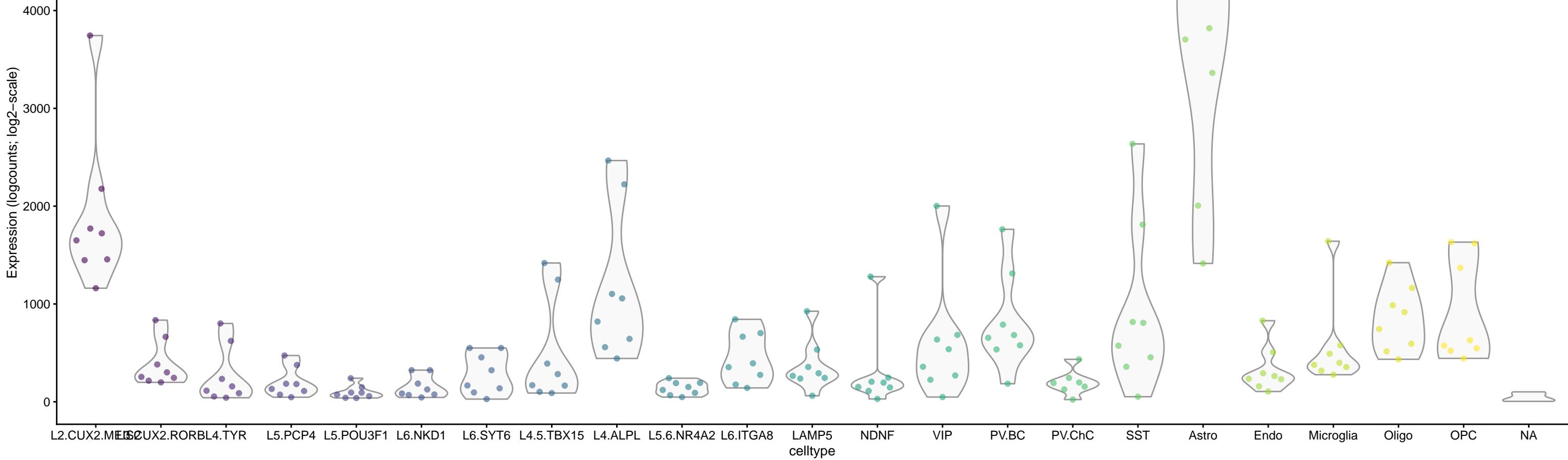


celltype: L6.NKD1, gene: FYN, peak:L6.NKD1_96_FYN,TRAF3IP2-AS11



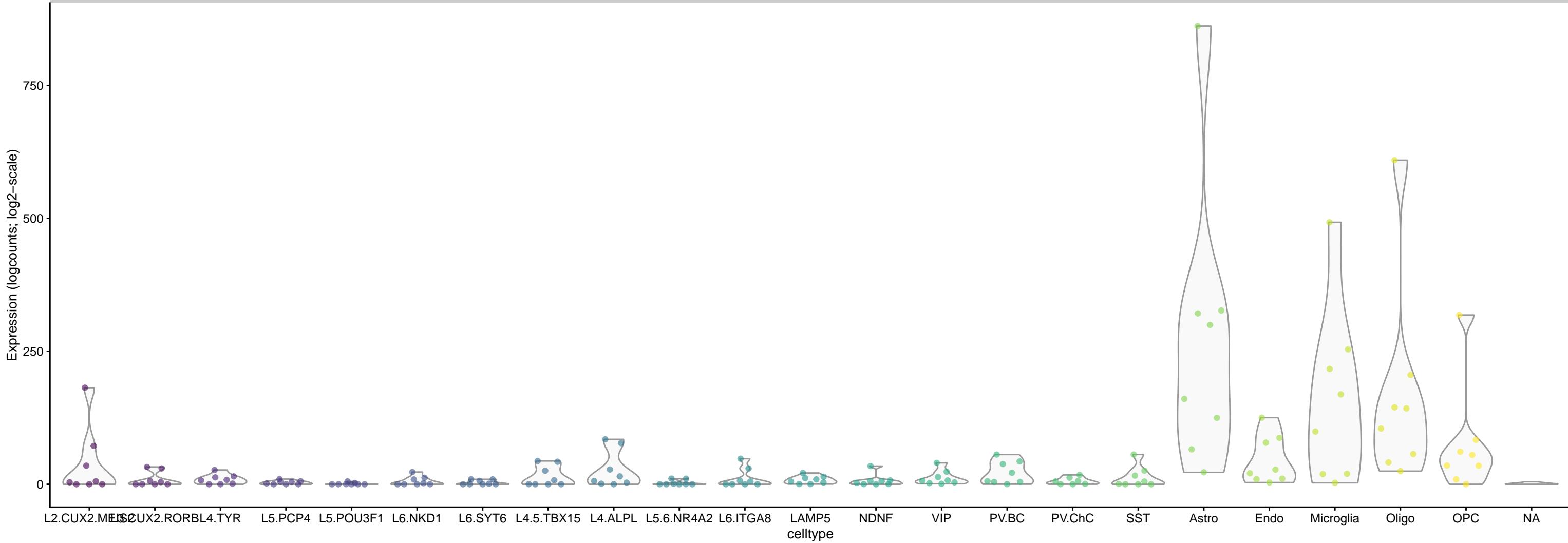
celltype: L6.NKD1, gene: TRAF3IP2-AS1, peak:L6.NKD1_96_FYN,TRAF3IP2-AS12

TRAF3IP2-AS1



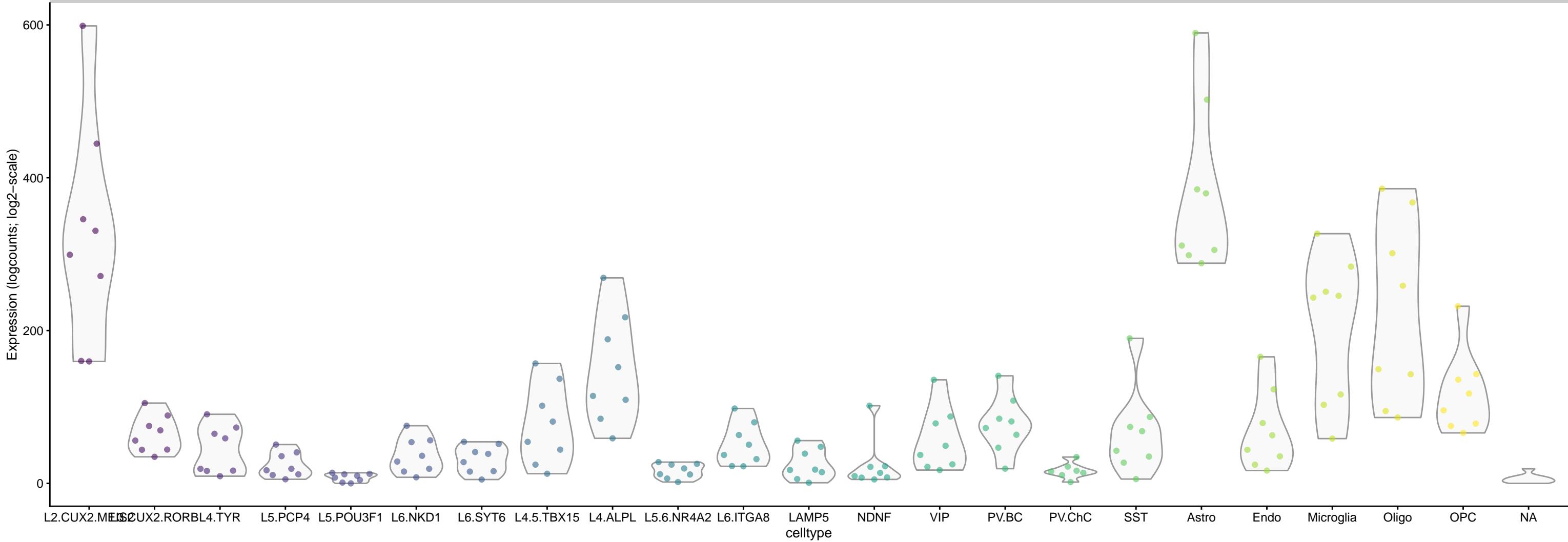
celltype: L6.NKD1, gene: COX7A2, peak:L6.NKD1_108_COX7A2,TMEM30A1

COX7A2



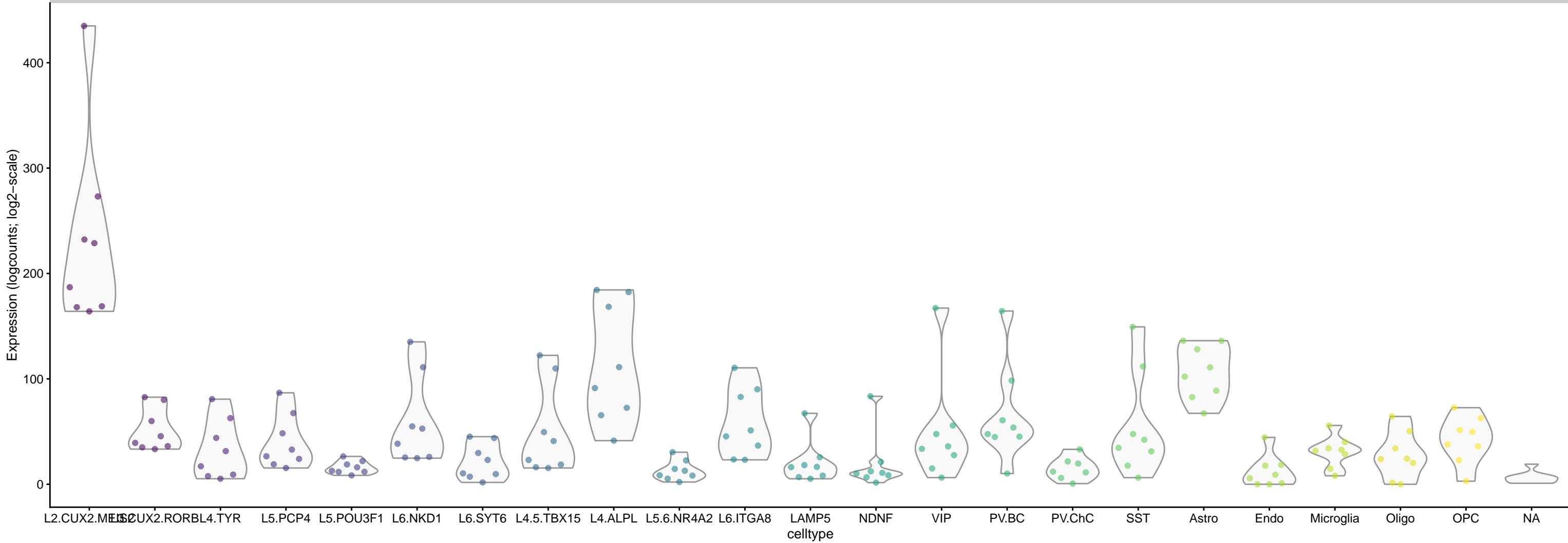
celltype: L6.NKD1, gene: TMEM30A, peak:L6.NKD1_108_COX7A2,TMEM30A2

TMEM30A



celltype: L6.NKD1, gene: ERCC2, peak:L6.NKD1_124_ERCC2

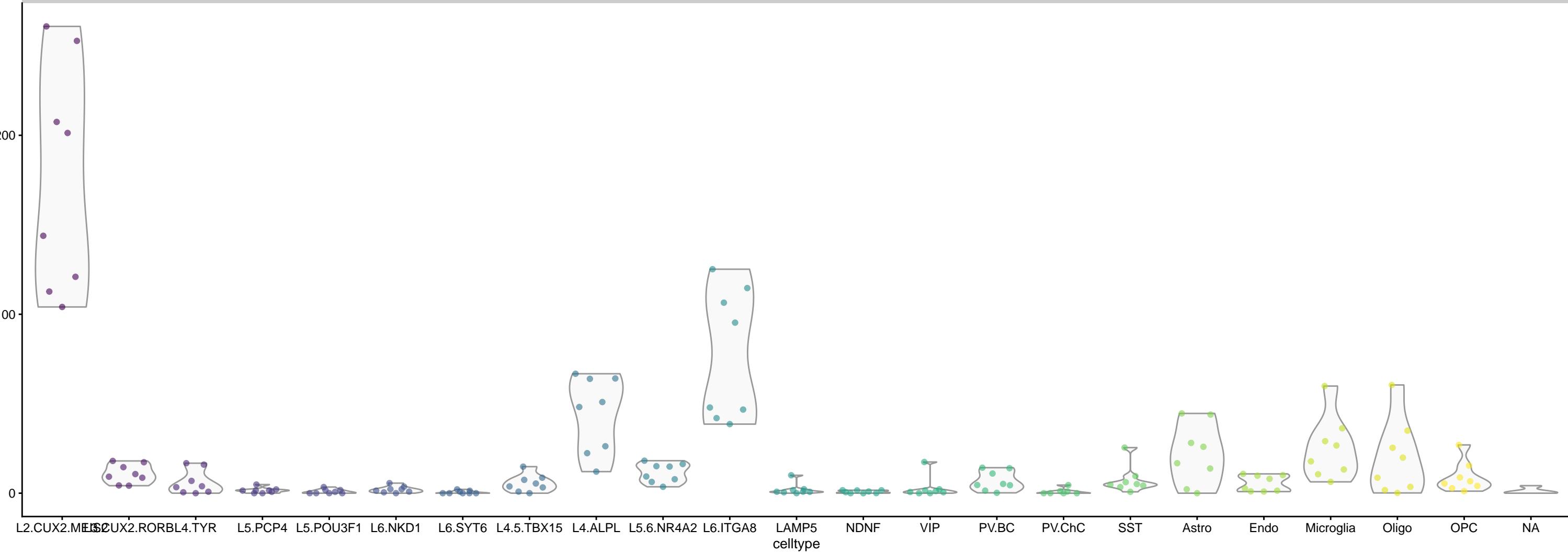
ERCC2



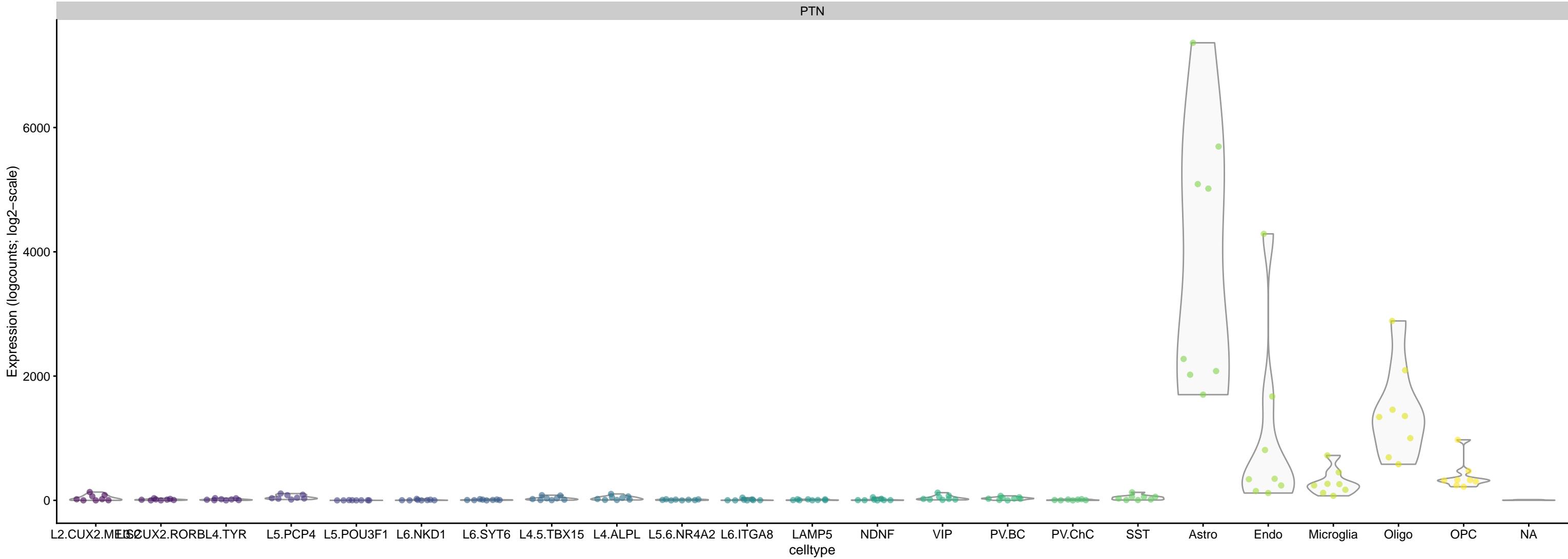
celltype: L6.NKD1, gene: LINC01605, peak:L6.NKD1_128_LINC01605

LINC01605

Expression (logcounts; log2-scale)

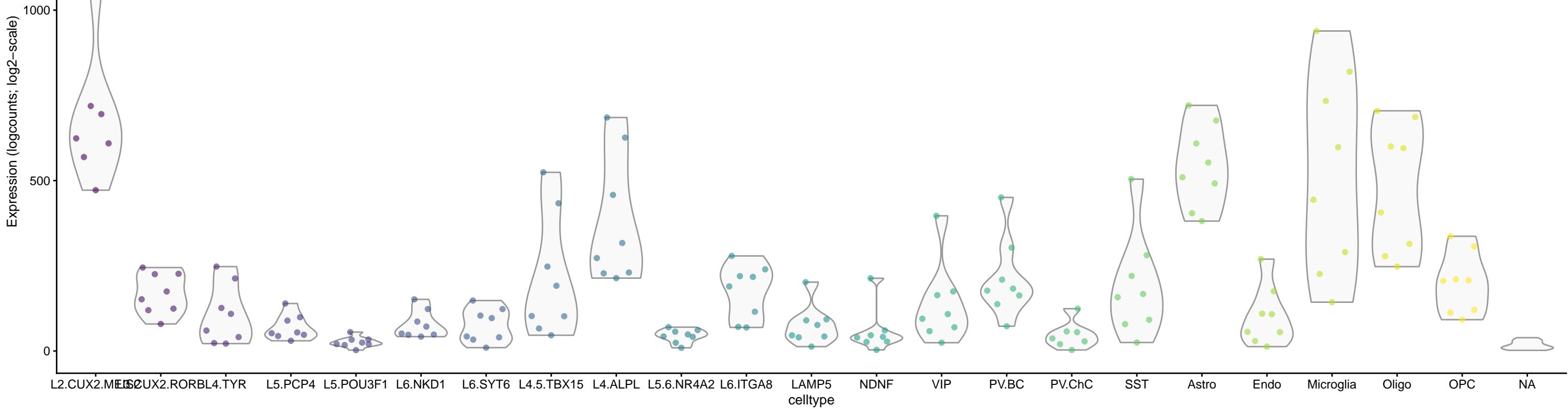


celltype: L6.NKD1, gene: PTN, peak:L6.NKD1_136_PTN



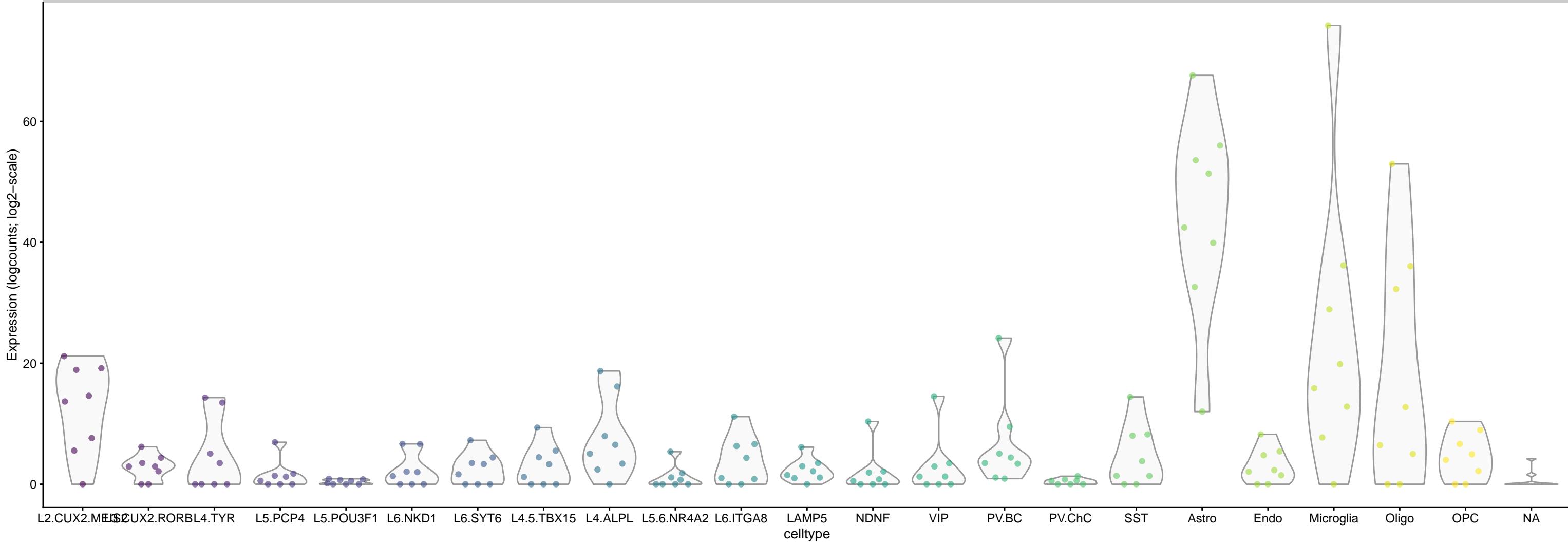
celltype: L6.NKD1, gene: APPL1, peak:L6.NKD1_140_APPL1,HESX1,IL17RD1

APPL1



celltype: L6.NKD1, gene: HESX1, peak:L6.NKD1_140_APPL1,HESX1,IL17RD2

HESX1



celltype: L6.NKD1, gene: IL17RD, peak:L6.NKD1_140_APPL1,HESX1,IL17RD3

IL17RD

Expression (logcounts; log₂-scale)

500

400

300

200

100

0

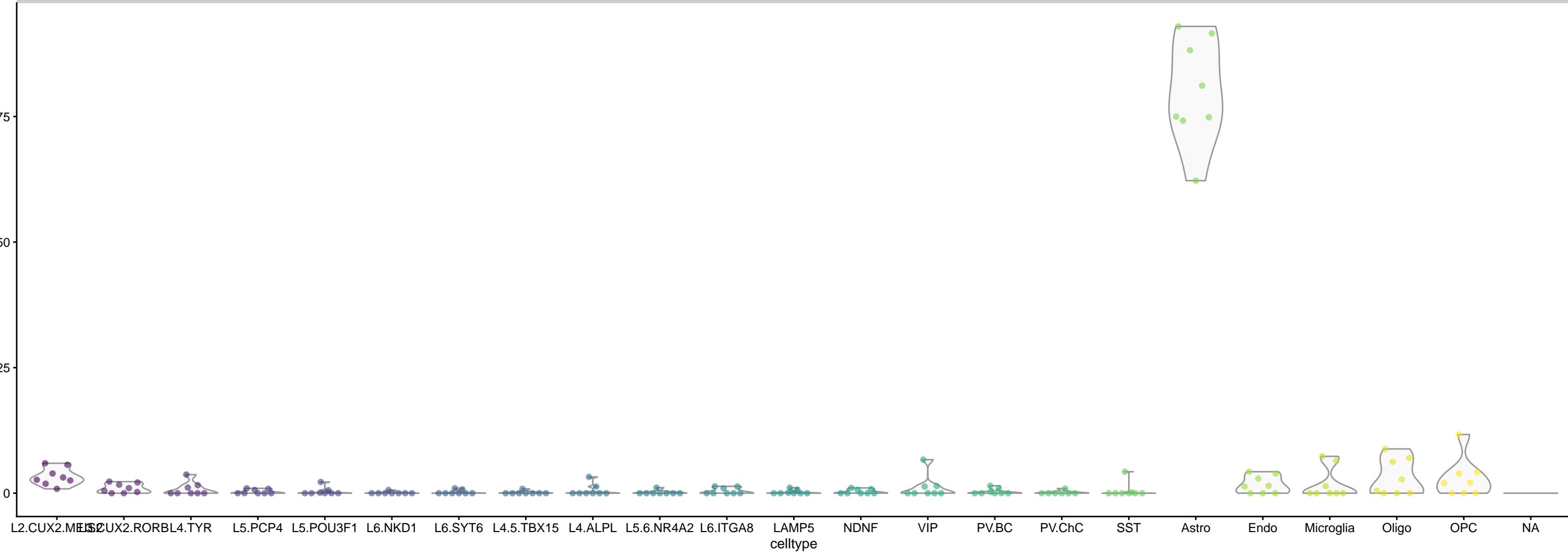
L2.CUX2.MES L5.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA

celltype

celltype: L6.NKD1, gene: CAPN8, peak:L6.NKD1_157_CAPN8

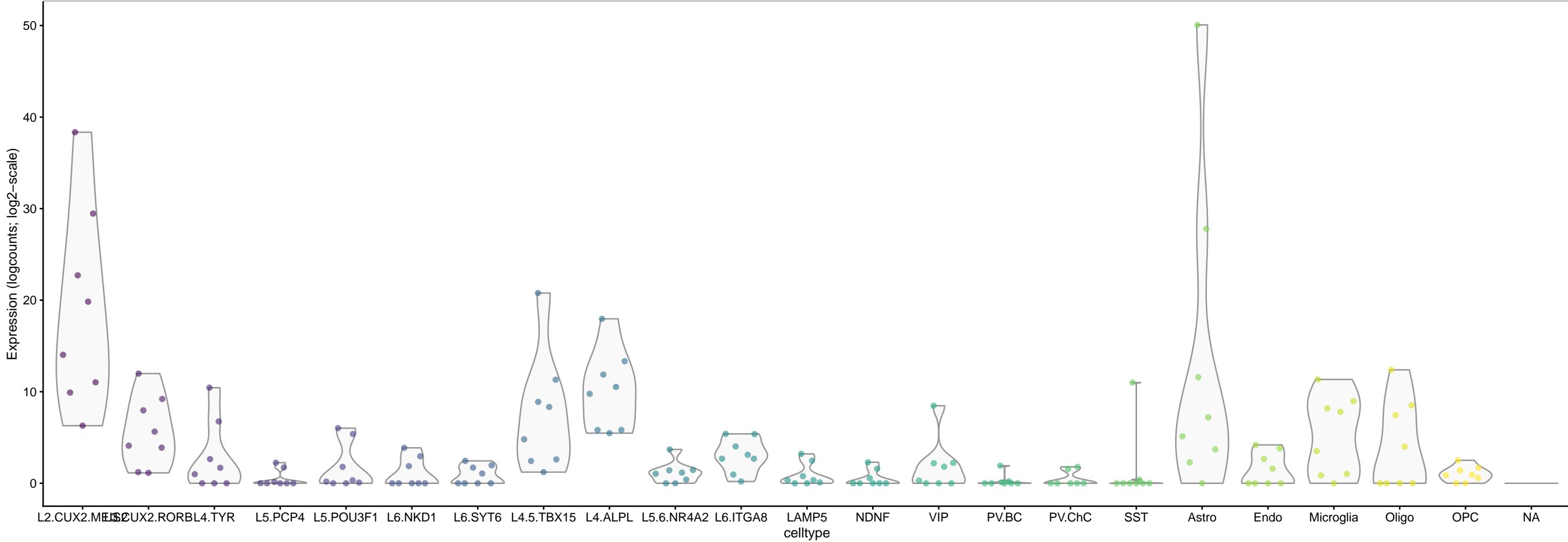
CAPN8

Expression (logcounts; log₂-scale)

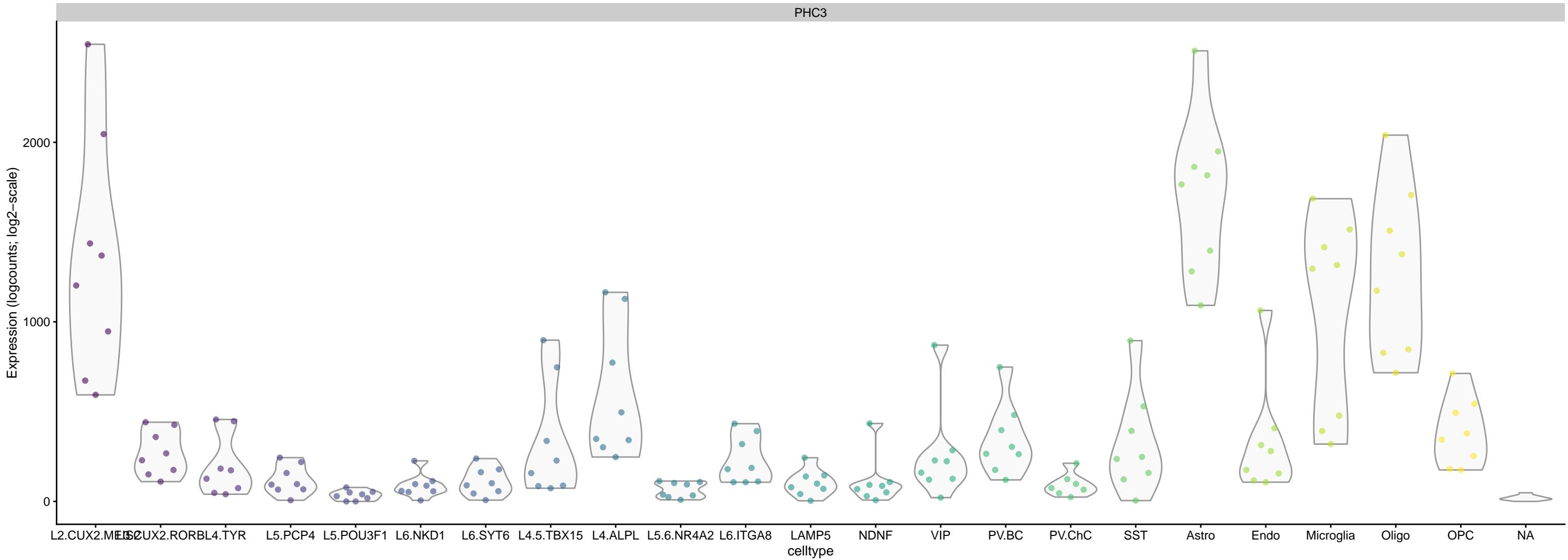


celltype: L6.NKD1, gene: SSTR3, peak:L6.NKD1_172_SSTR3

SSTR3



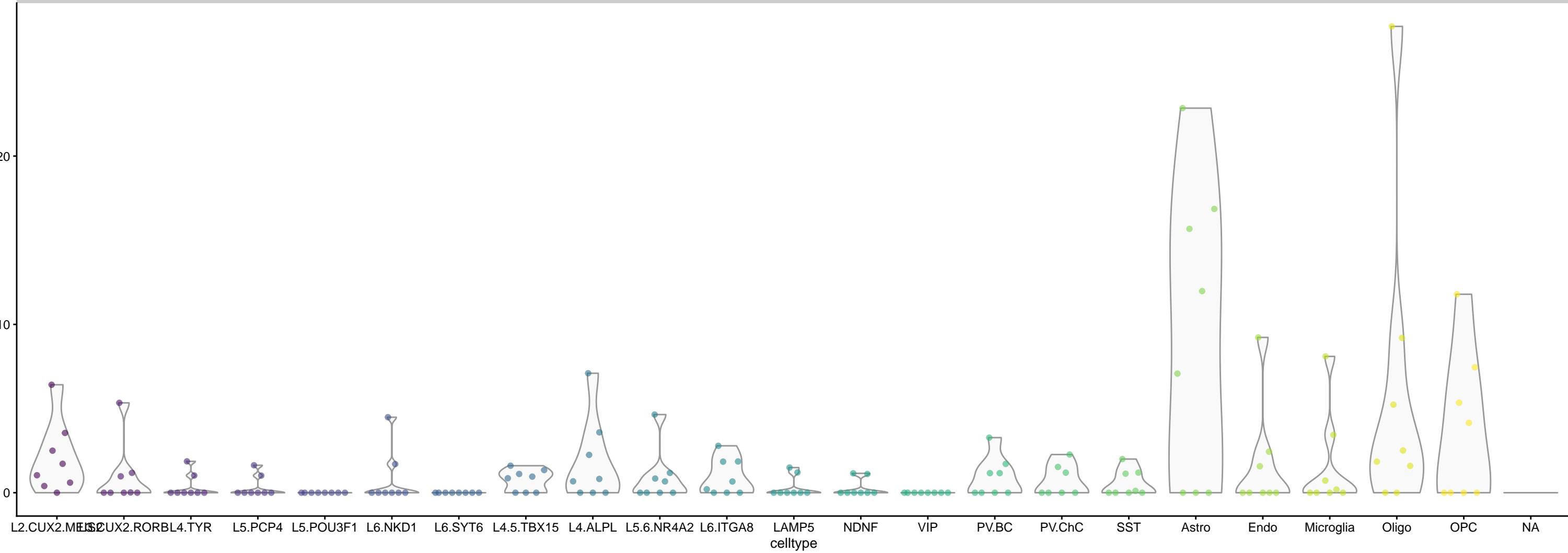
celltype: L6.NKD1, gene: PHC3, peak:L6.NKD1_176_PHC3



celltype: L6.NKD1, gene: LINC00702, peak:L6.NKD1_178_LINC00702

LINC00702

Expression (logcounts; log₂-scale)



celltype: L6.NKD1, gene: MRLN, peak:L6.NKD1_185_MRLN

MRLN

Expression (logcounts; log₂-scale)

200

150

100

50

0

L2.CUX2.MES L5.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA

celltype

celltype: L6.NKD1, gene: RAD23B, peak:L6.NKD1_188_RAD23B

RAD23B

Expression (logcounts; log2-scale)

1200

800

400

0

L2.CUX2.MES L2.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA

celltype

celltype: L6.NKD1, gene: SFXN5, peak:L6.NKD1_191_SFXN5

SFXN5

Expression (logcounts; log2-scale)

10000

7500

5000

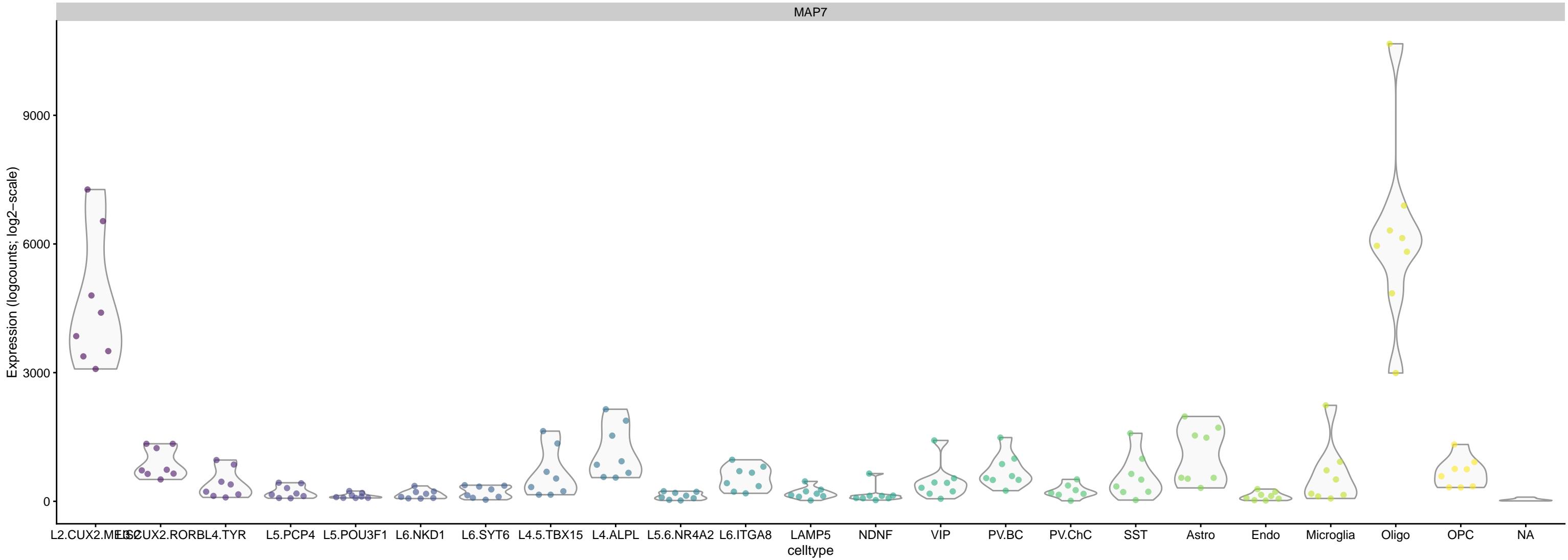
2500

0

L2.CUX2.MES L3.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA

celltype

celltype: L6.NKD1, gene: MAP7, peak:L6.NKD1_193_MAP7



celltype: L6.NKD1, gene: SLC6A1, peak:L6.NKD1_199_SLC6A1

SLC6A1

Expression (logcounts; log₂-scale)

7500

5000

2500

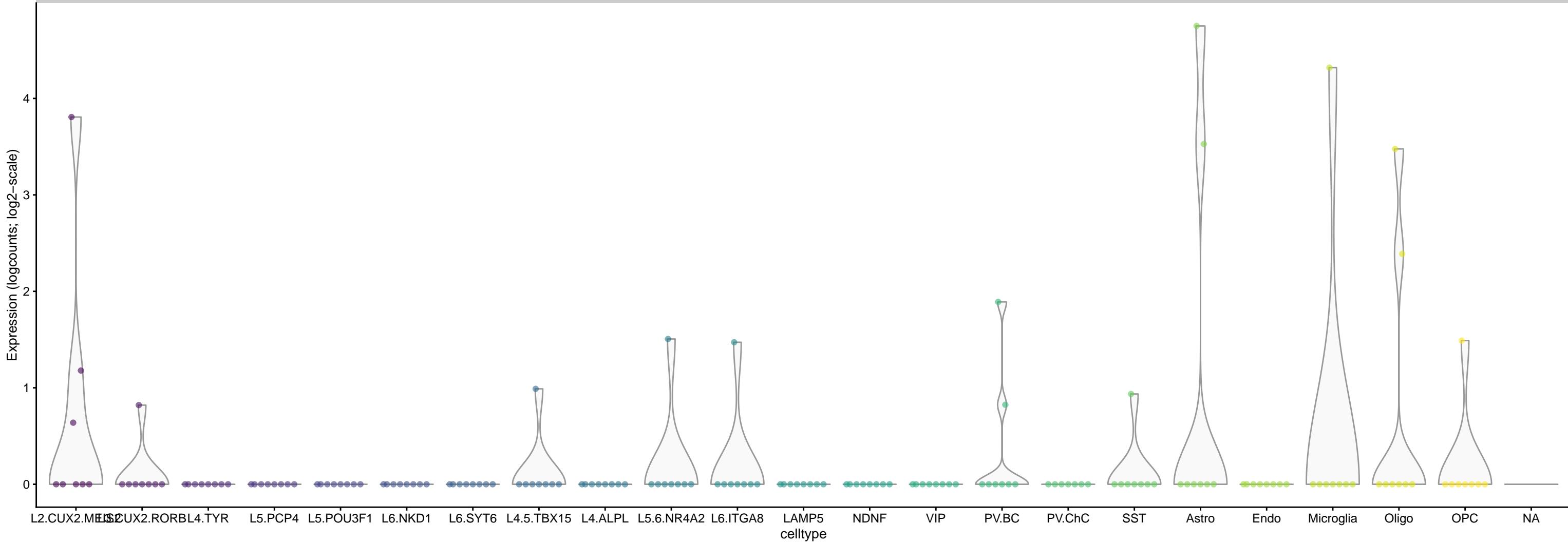
0

L2.CUX2.MES L2.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA

celltype

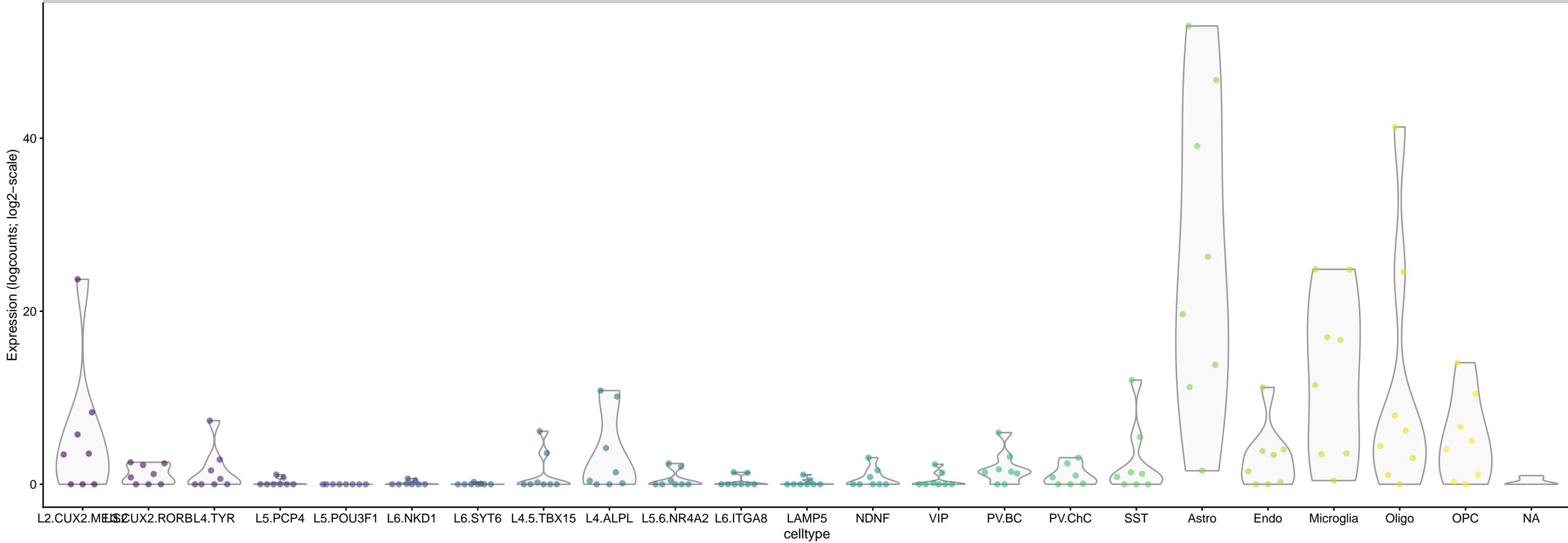
celltype: L6.NKD1, gene: LINC02308, peak:L6.NKD1_207_LINC02308

LINC02308



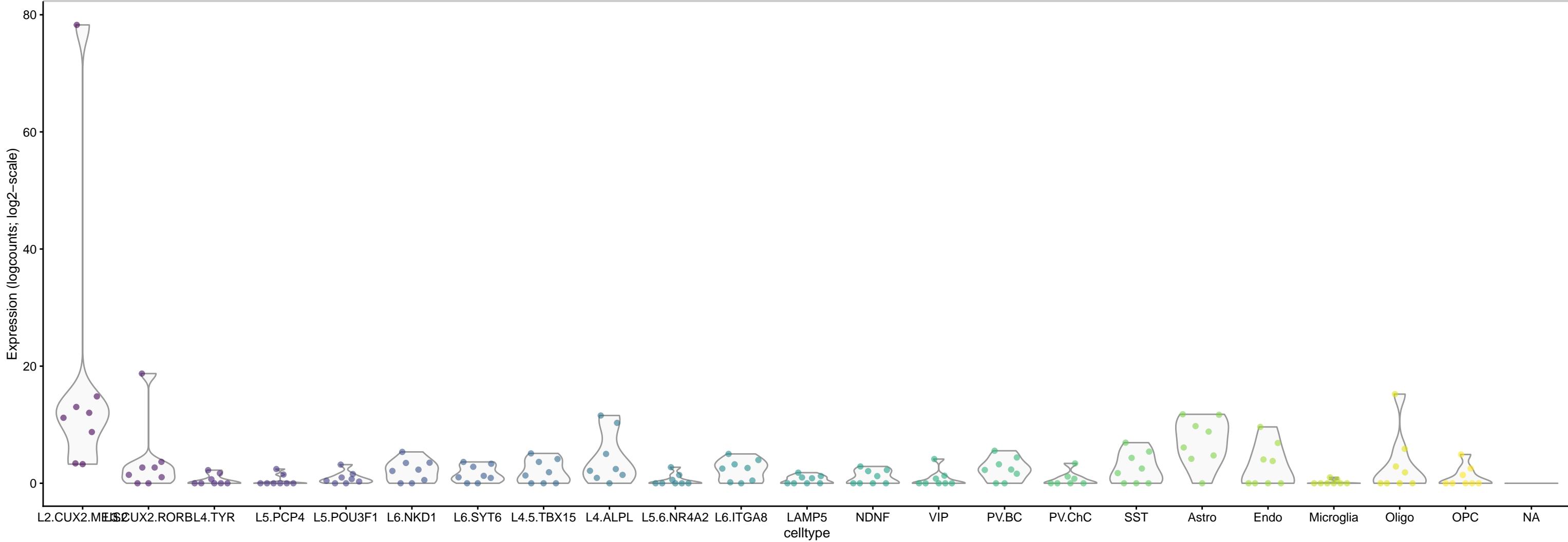
celltype: L6.NKD1, gene: EGLN1, peak:L6.NKD1_216_EGLN1

EGLN1



celltype: L6.NKD1, gene: CT70, peak:L6.NKD1_229_CT70

CT70



celltype: L6.NKD1, gene: DTHD1, peak:L6.NKD1_231_DTHD1

DTHD1

Expression (logcounts; log2-scale)

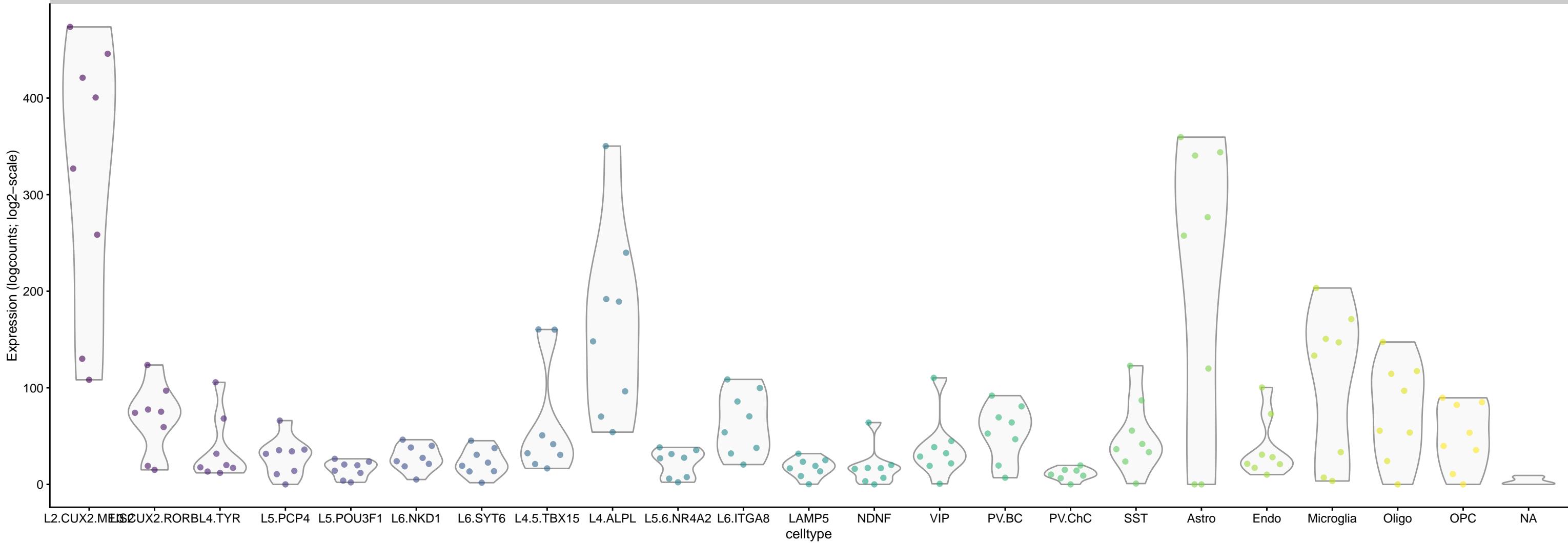
1000
750
500
250
0

L2.CUX2.MES L2.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA

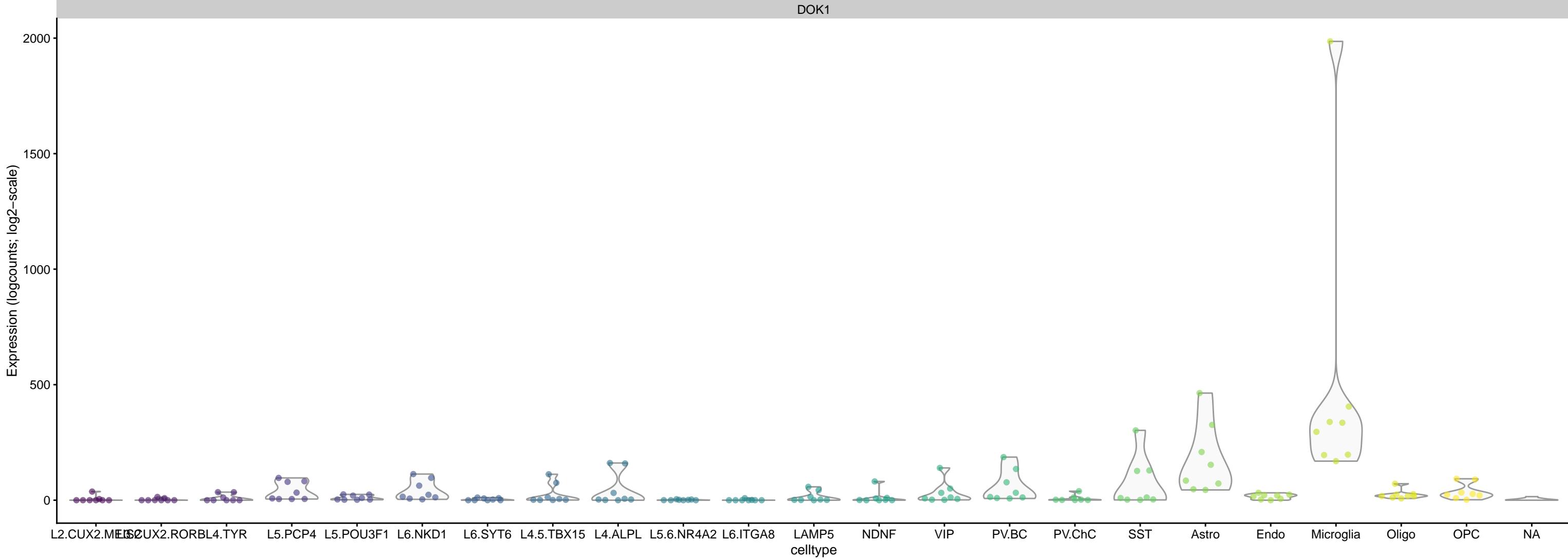
celltype

celltype: L6.NKD1, gene: AUP1, peak:L6.NKD1_240_AUP1,DOK1,DQX1,HTRA2,M1AP,MRPL53,PCGF1,TLX21

AUP1

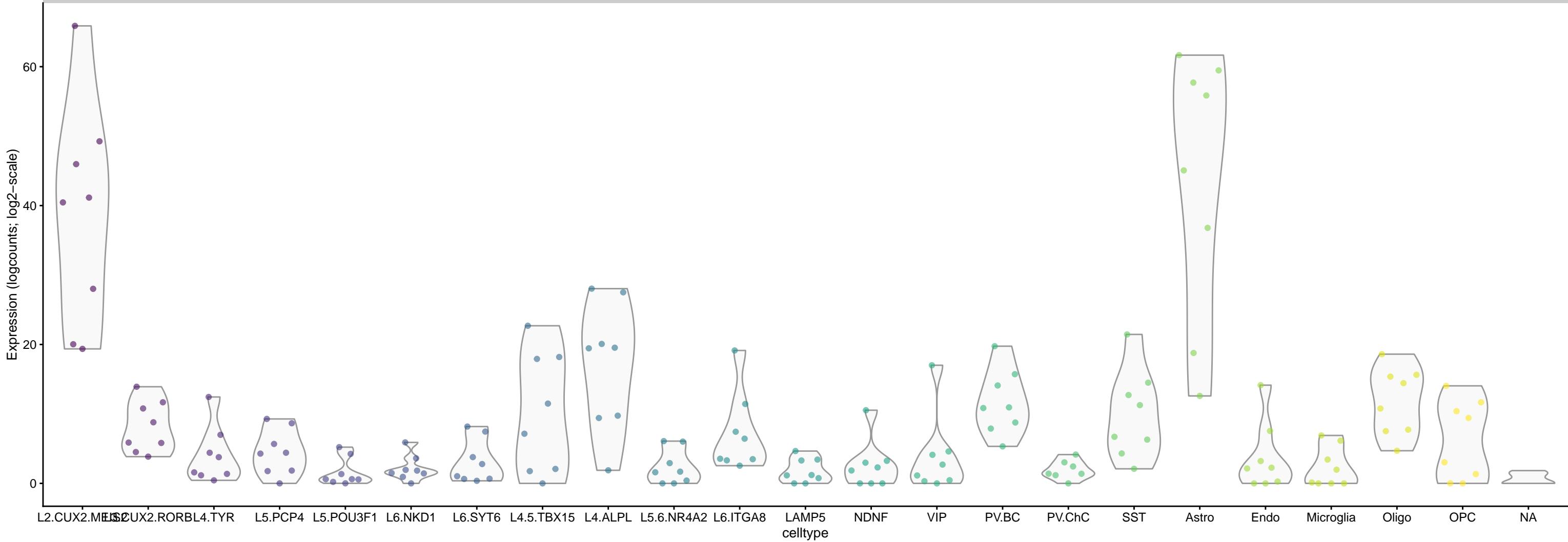


celltype: L6.NKD1, gene: DOK1, peak:L6.NKD1_240_AUP1,DOK1,DQX1,HTRA2,M1AP,MRPL53,PCGF1,TLX22



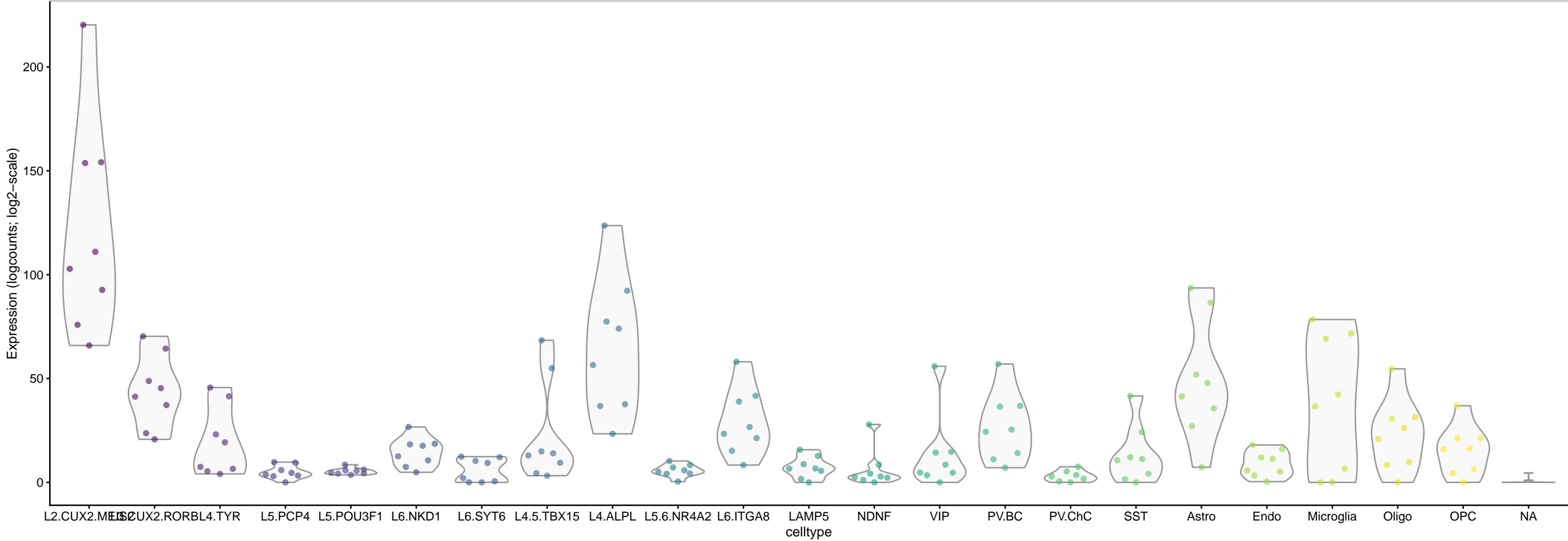
celltype: L6.NKD1, gene: DQX1, peak:L6.NKD1_240_AUP1,DOK1,DQX1,HTRA2,M1AP,MRPL53,PCGF1,TLX23

DQX1



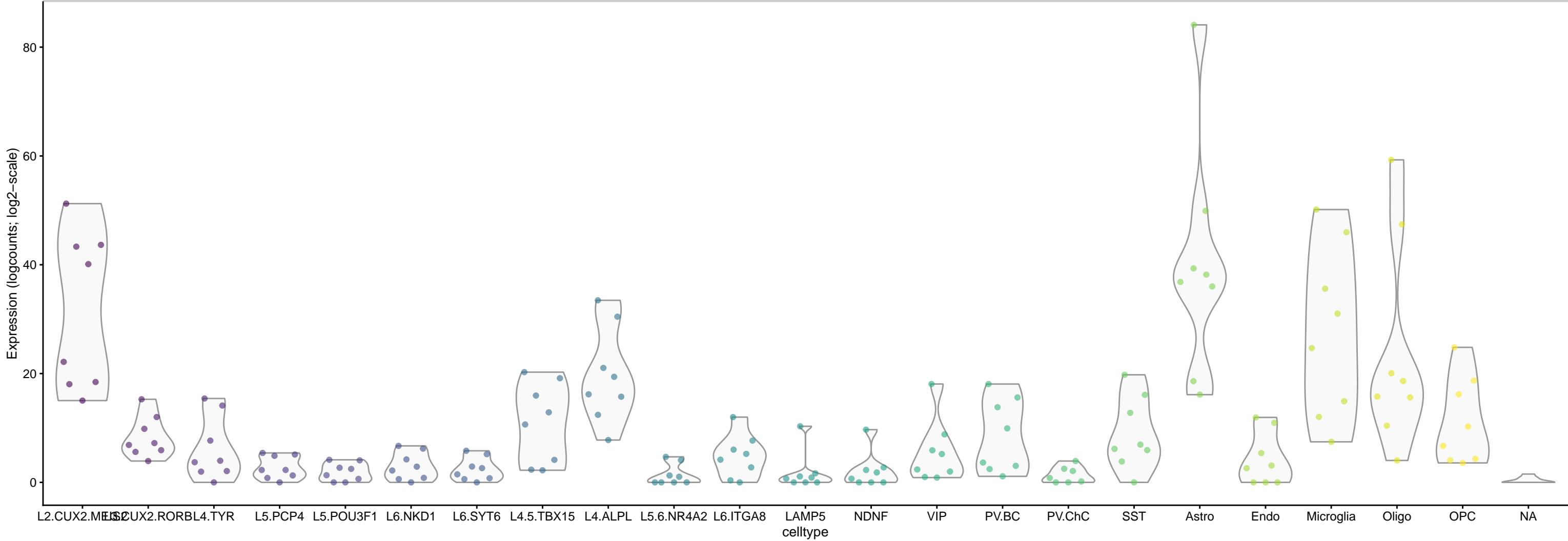
celltype: L6.NKD1, gene: HTRA2, peak:L6.NKD1_240_AUP1,DOK1,DQX1,HTRA2,M1AP,MRPL53,PCGF1,TLX24

HTRA2



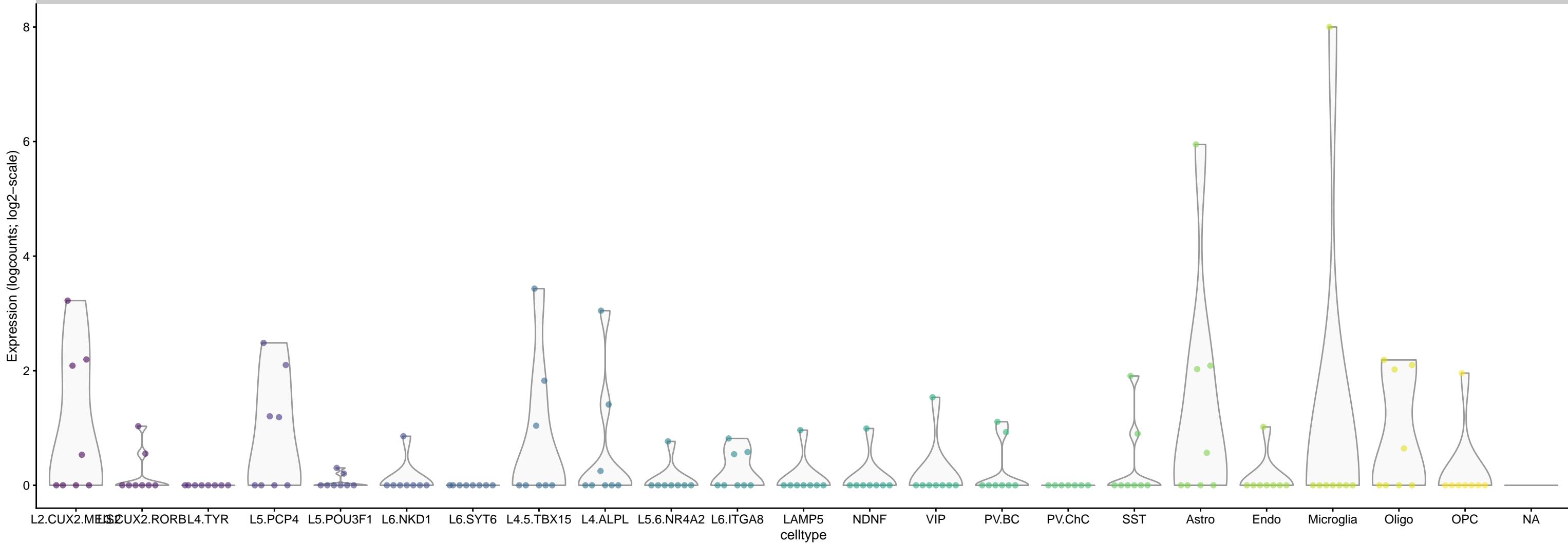
celltype: L6.NKD1, gene: M1AP, peak:L6.NKD1_240_AUP1,DOK1,DQX1,HTRA2,M1AP,MRPL53,PCGF1,TLX25

M1AP



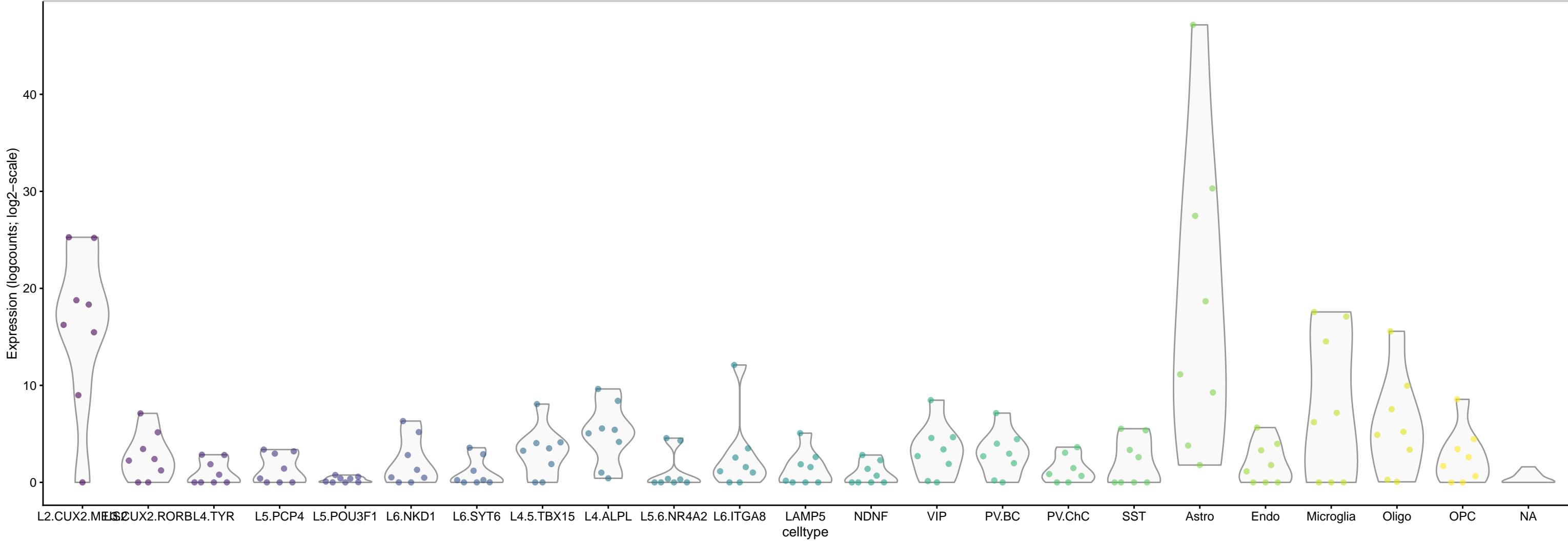
celltype: L6.NKD1, gene: MRPL53, peak:L6.NKD1_240_AUP1,DOK1,DQX1,HTRA2,M1AP,MRPL53,PCGF1,TLX26

MRPL53



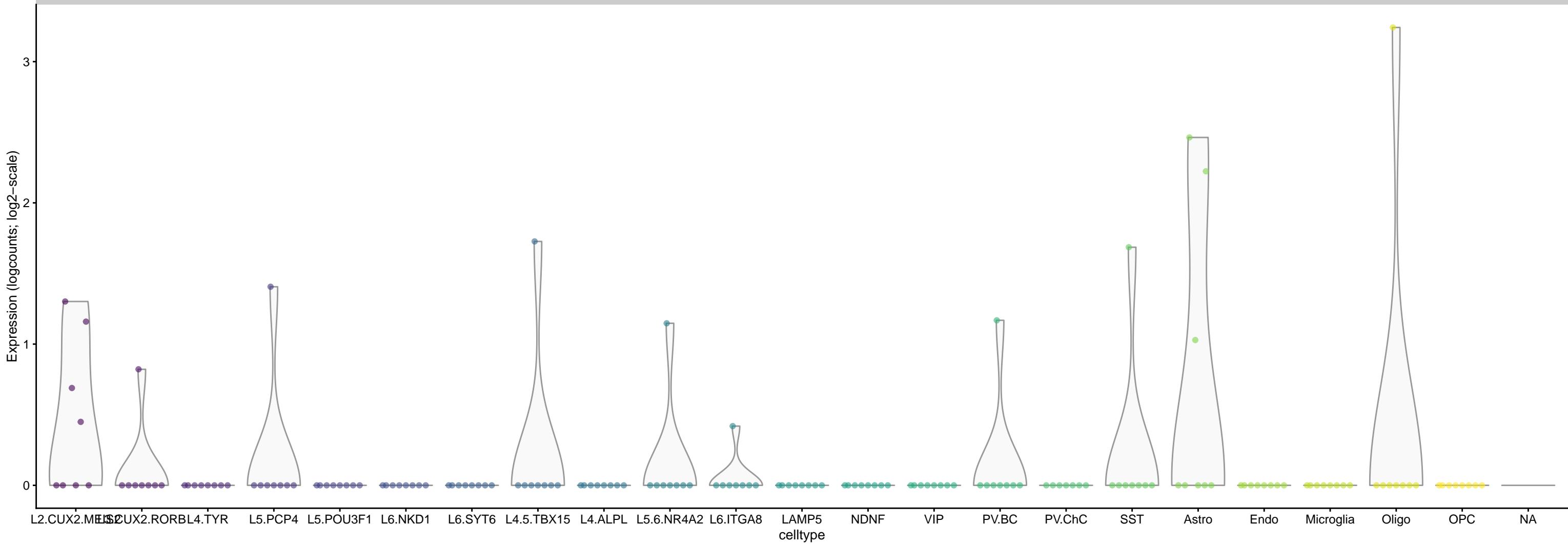
celltype: L6.NKD1, gene: PCGF1, peak:L6.NKD1_240_AUP1,DOK1,DQX1,HTRA2,M1AP,MRPL53,PCGF1,TLX27

PCGF1



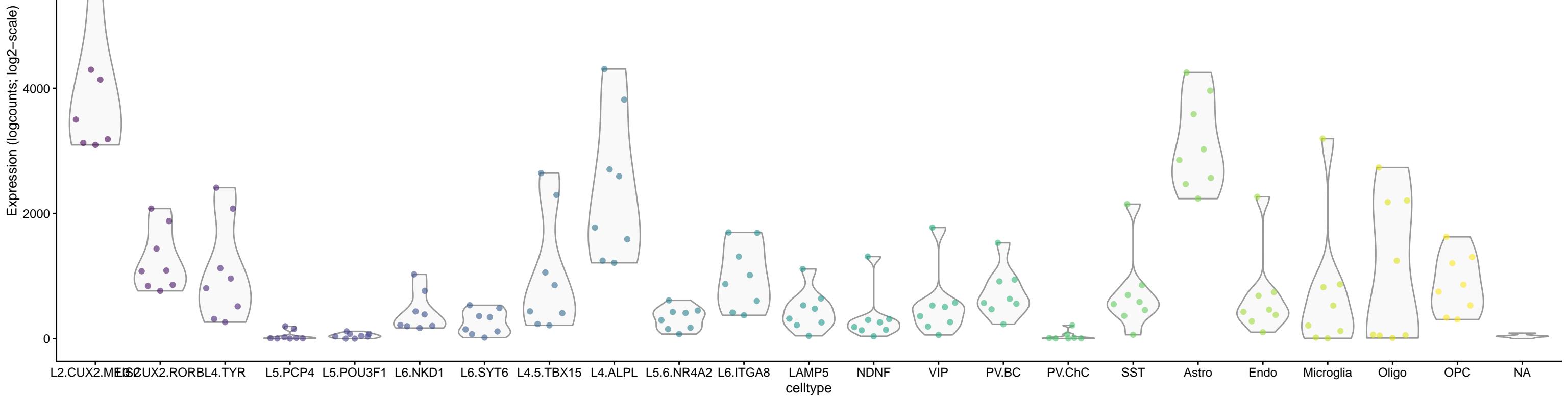
celltype: L6.NKD1, gene: TLX2, peak:L6.NKD1_240_AUP1,DOK1,DQX1,HTRA2,M1AP,MRPL53,PCGF1,TLX28

TLX2



celltype: L6.NKD1, gene: NR2F1-AS1, peak:L6.NKD1_243_NR2F1-AS1

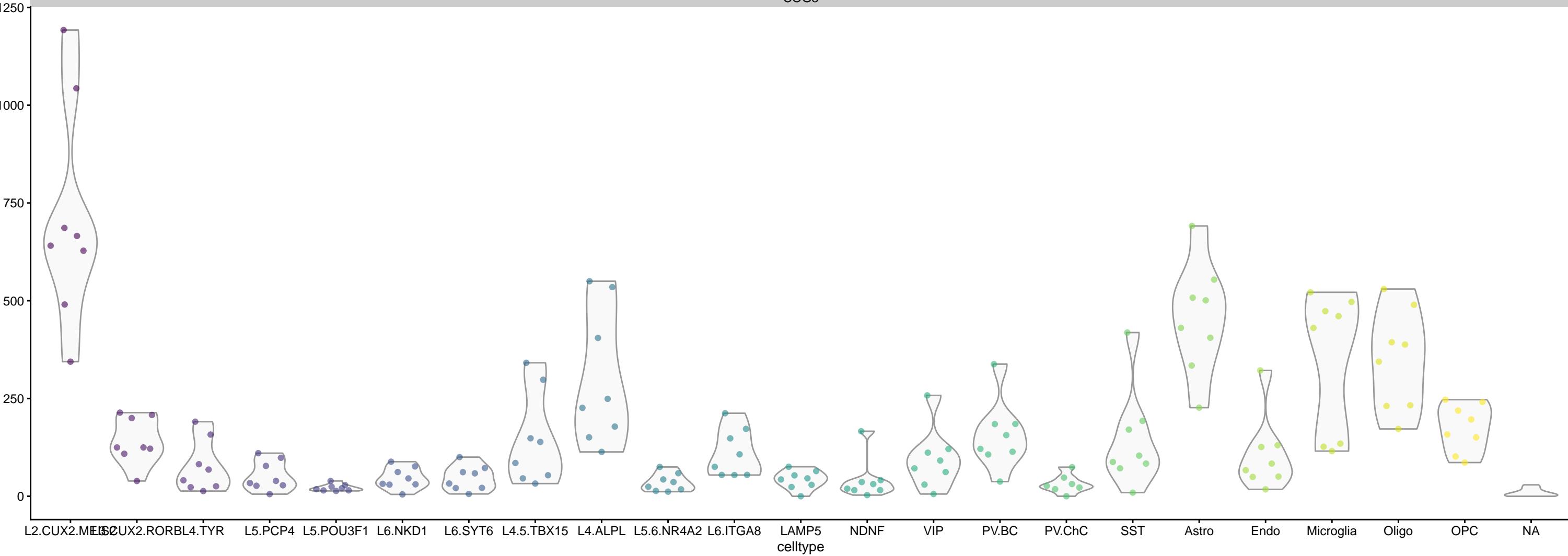
NR2F1-AS1



celltype: L6.NKD1, gene: COG3, peak:L6.NKD1_247_COG3,SNORA311

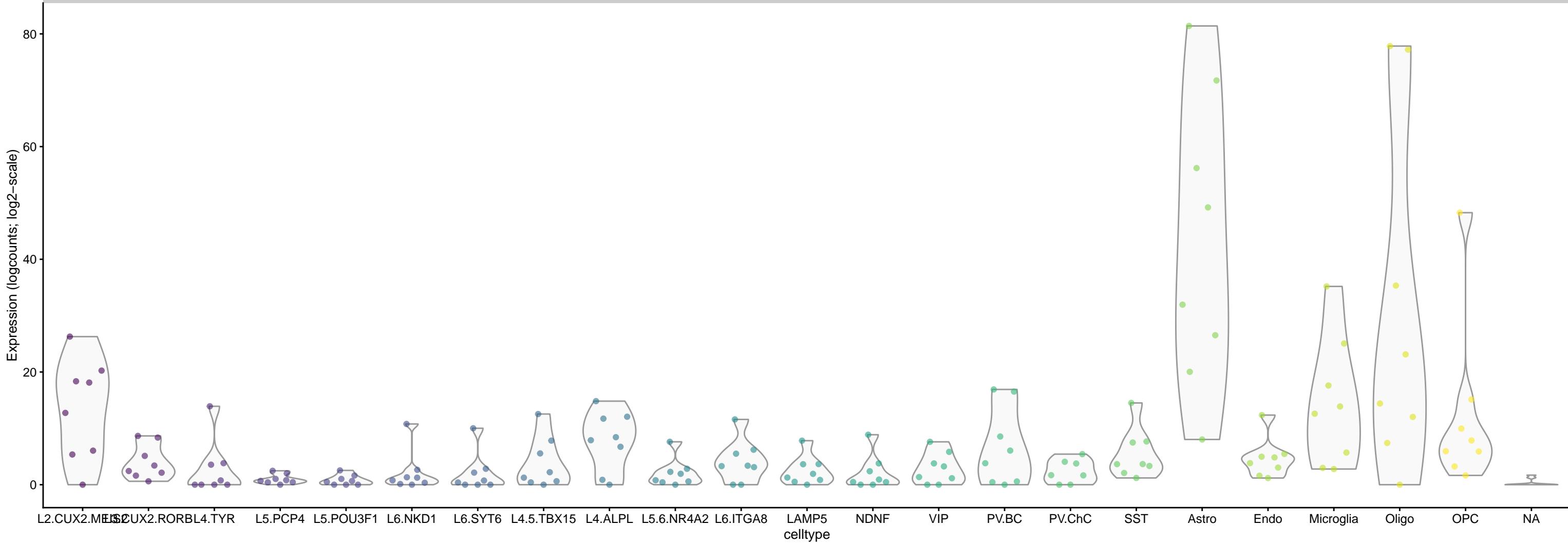
COG3

Expression (logcounts; log₂-scale)

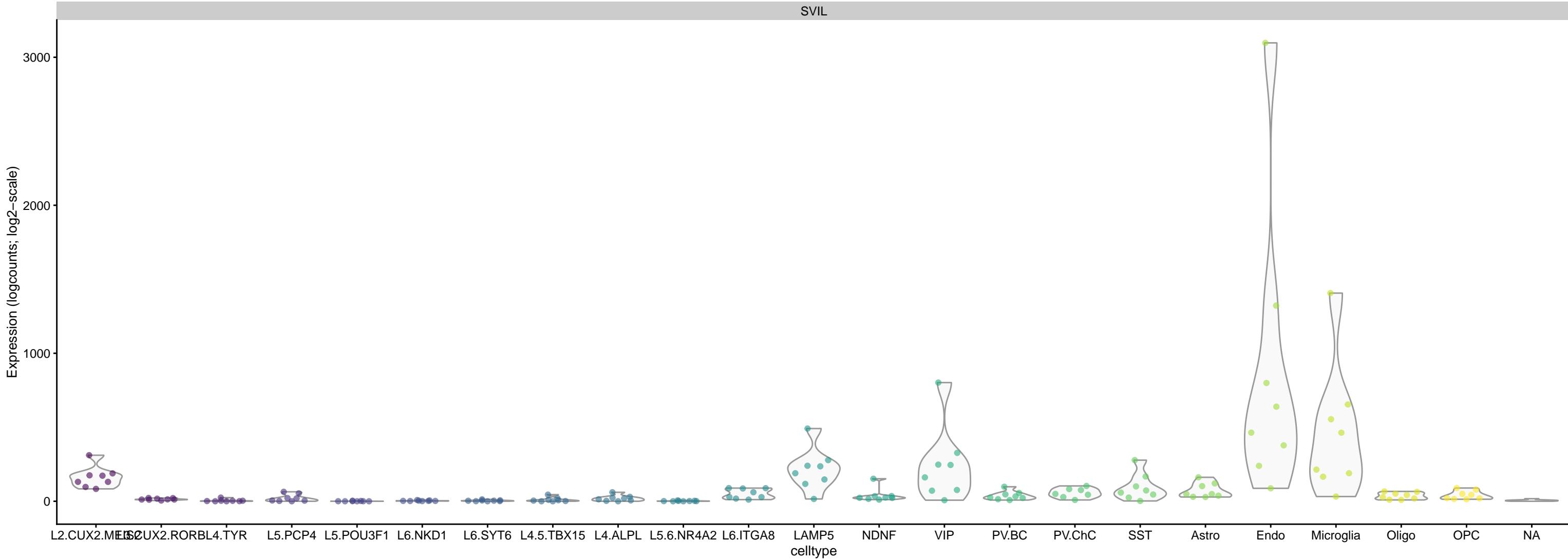


celltype: L6.NKD1, gene: CRYBA1, peak:L6.NKD1_249_CRYBA1

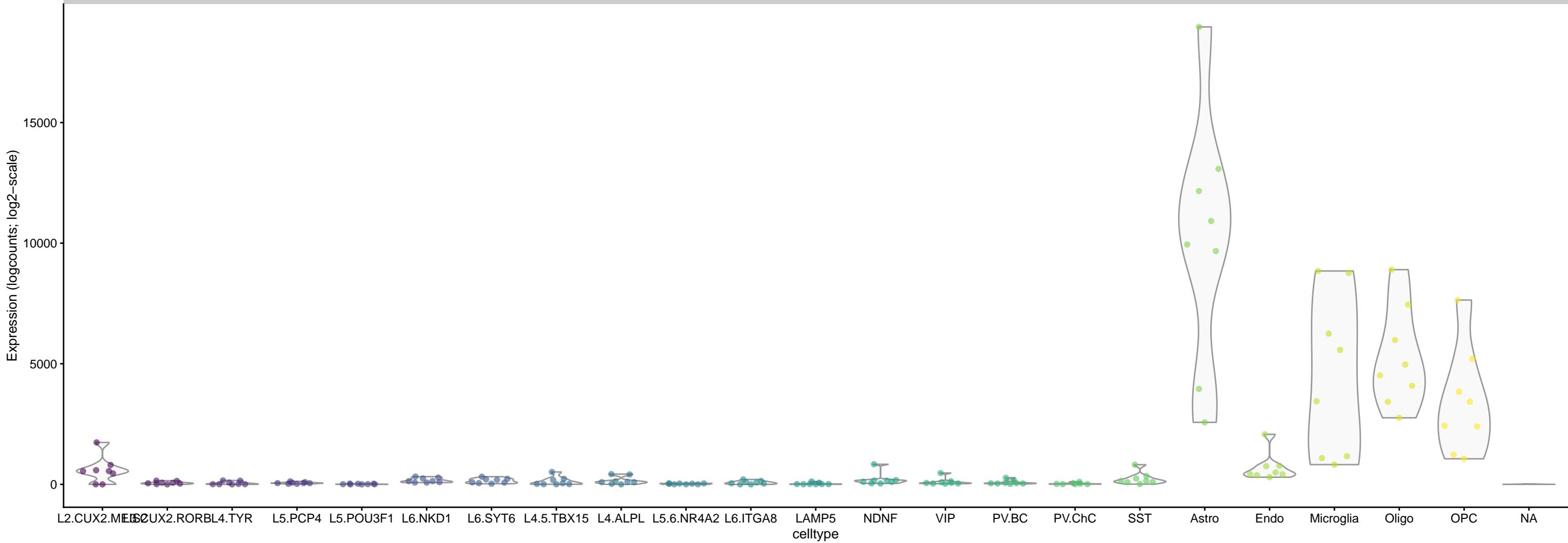
CRYBA1



celltype: L6.NKD1, gene: SVIL, peak:L6.NKD1_251_SVIL

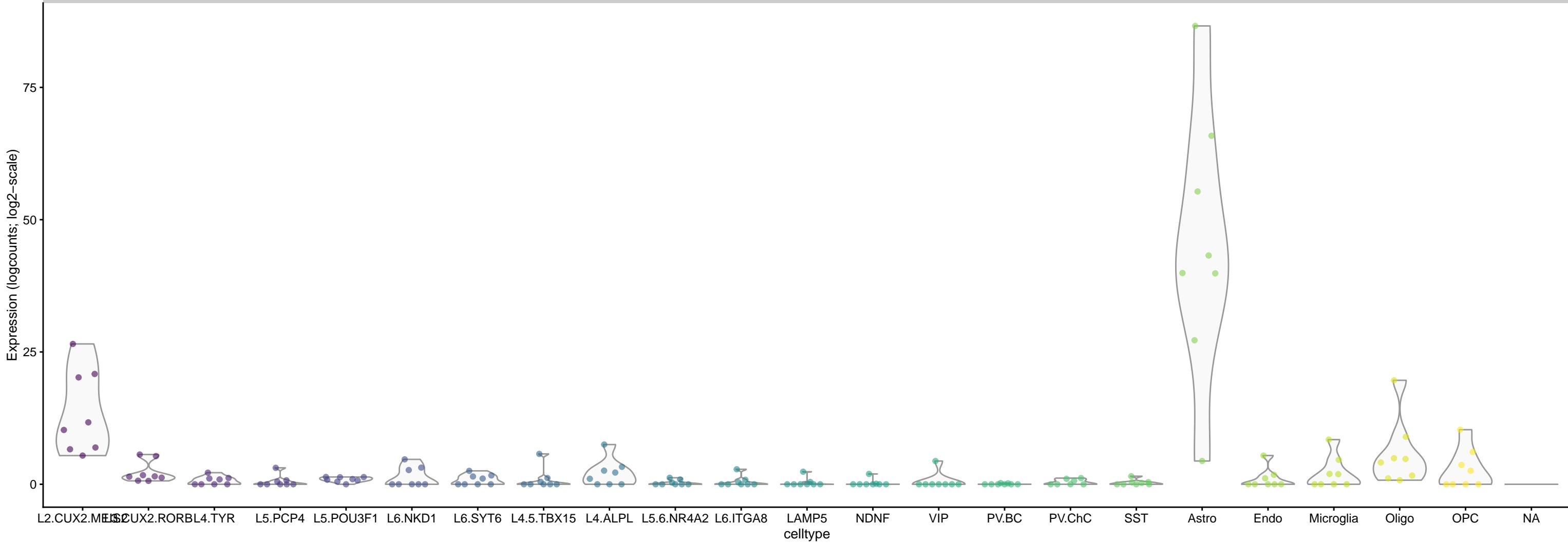


MAML2

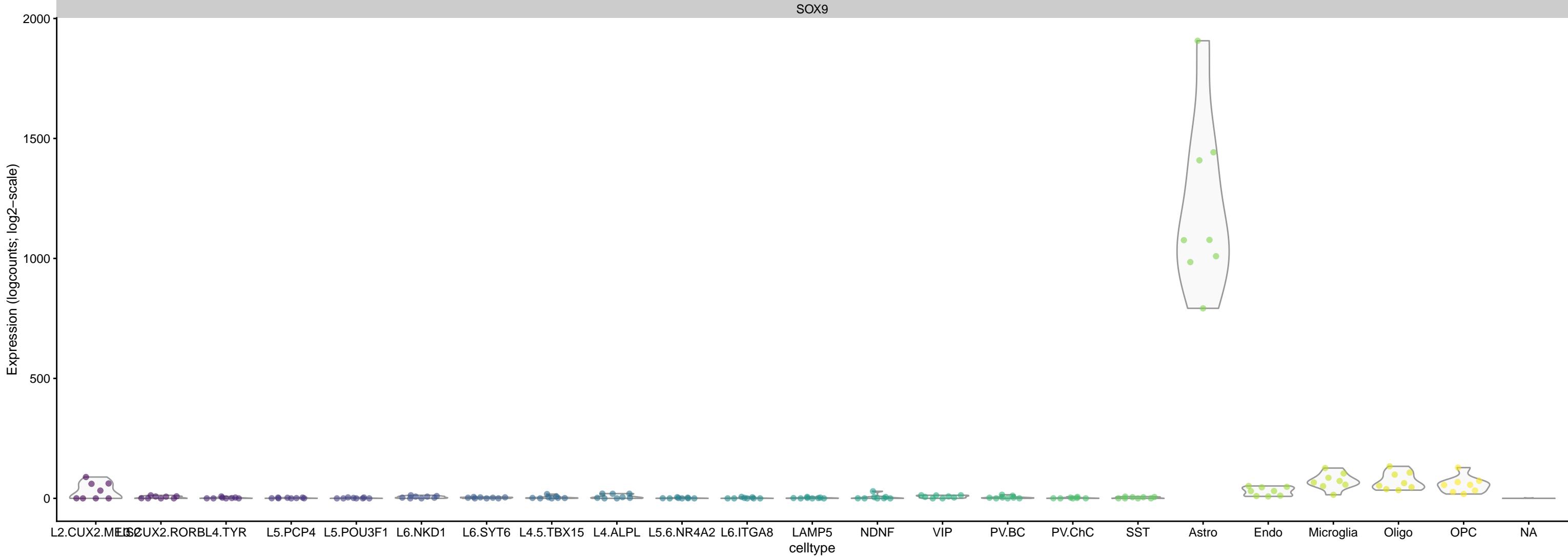


celltype: L6.NKD1, gene: LINC02097, peak:L6.NKD1_256_LINC02097,SOX9,SOX9-AS11

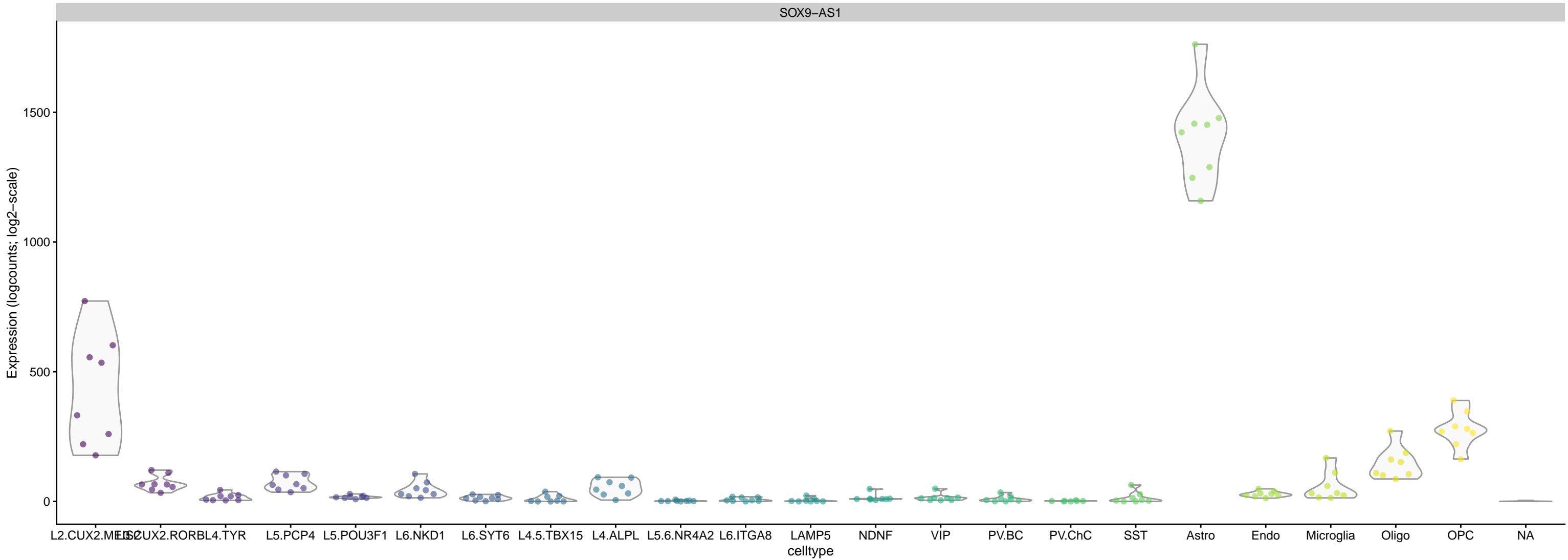
LINC02097



celltype: L6.NKD1, gene: SOX9, peak:L6.NKD1_256_LINC02097,SOX9,SOX9-AS12

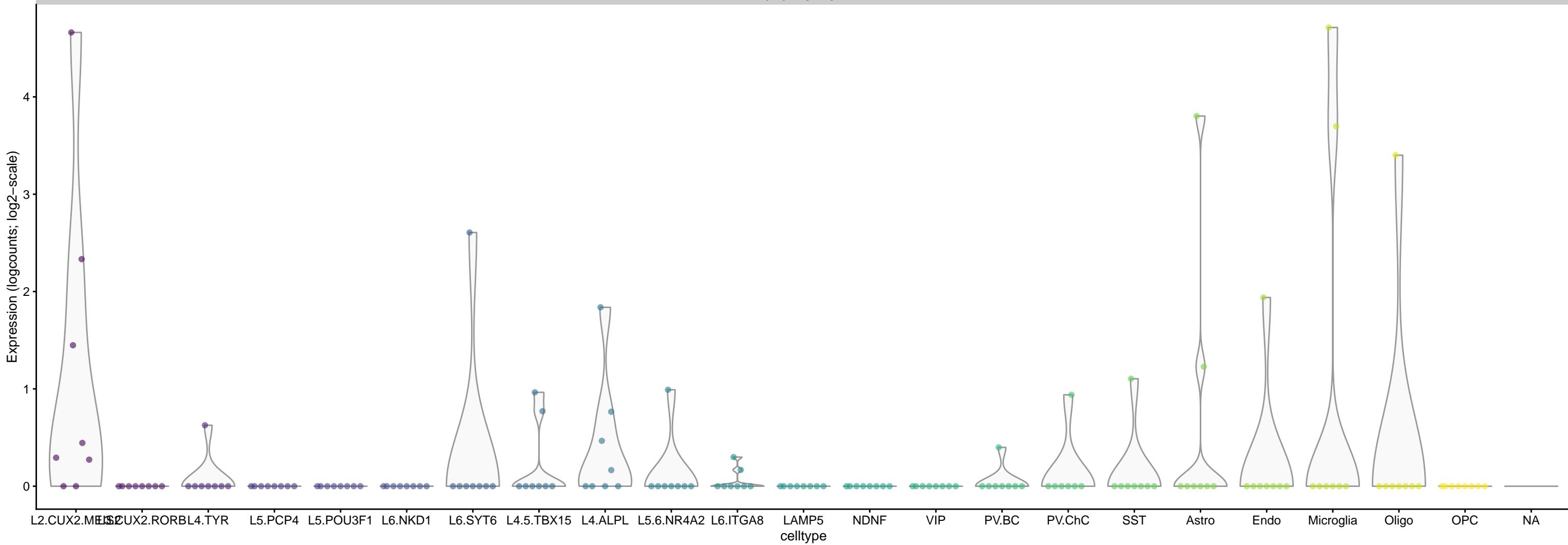


celltype: L6.NKD1, gene: SOX9-AS1, peak:L6.NKD1_256_LINC02097,SOX9,SOX9-AS13



celltype: L6.NKD1, gene: JMJD1C-AS1, peak:L6.NKD1_259_JMJD1C-AS1

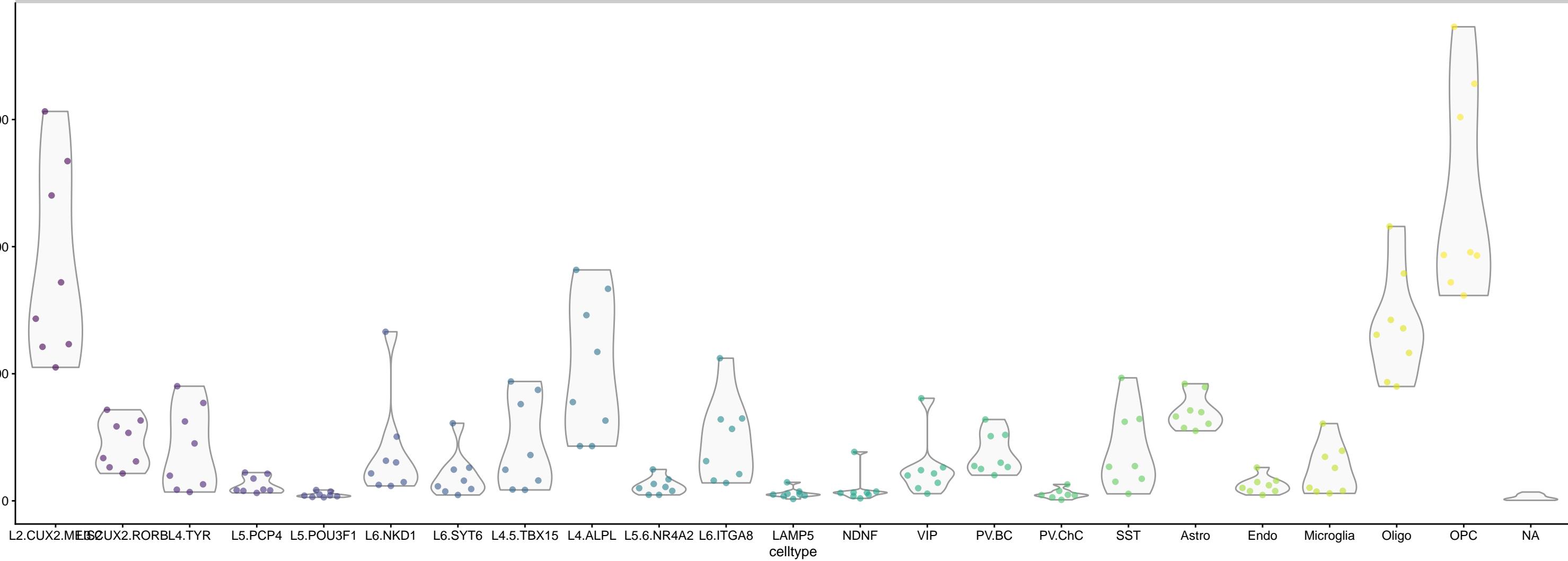
JMJD1C-AS1



celltype: L6.NKD1, gene: AGAP1, peak:L6.NKD1_270_AGAP1,AGAP1-IT11

AGAP1

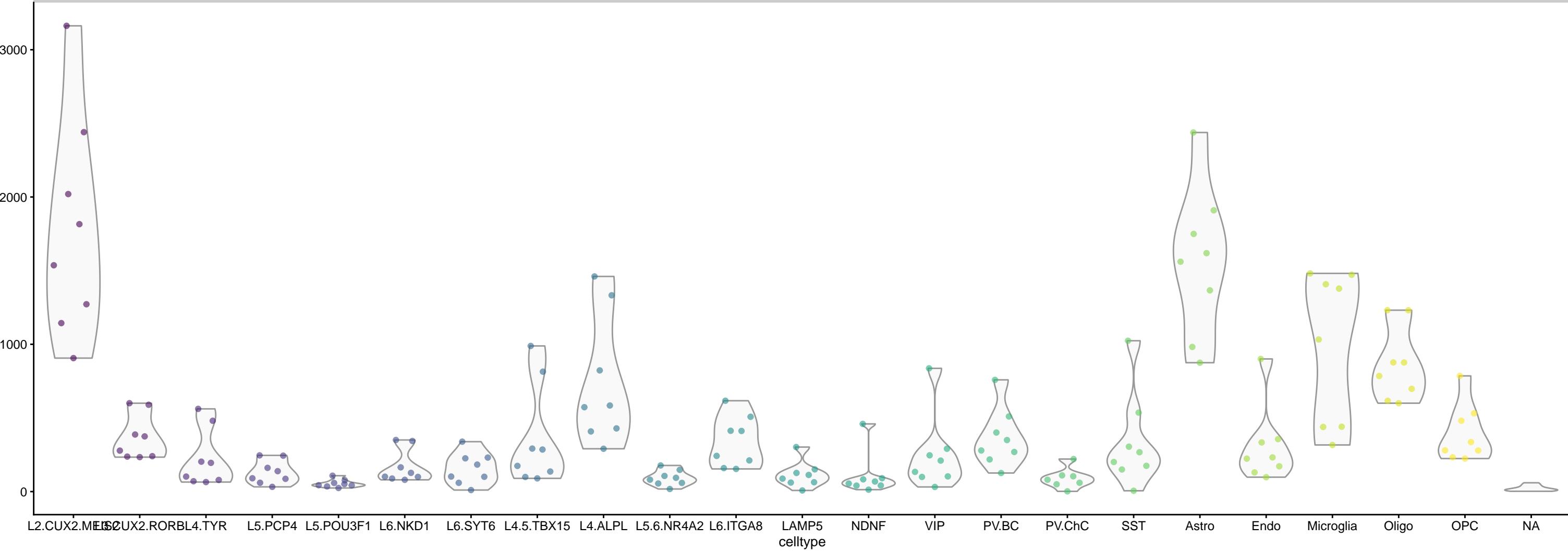
Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: RAB7A, peak:L6.NKD1_276_RAB7A

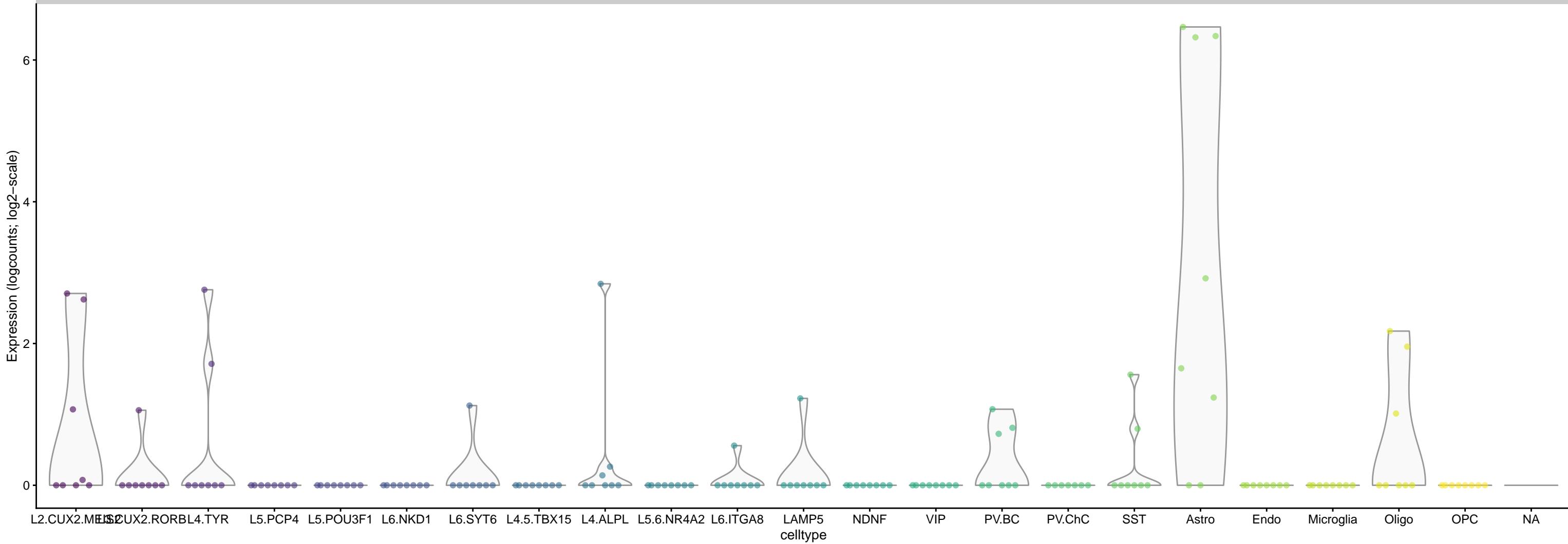
RAB7A

Expression (logcounts; log₂-scale)



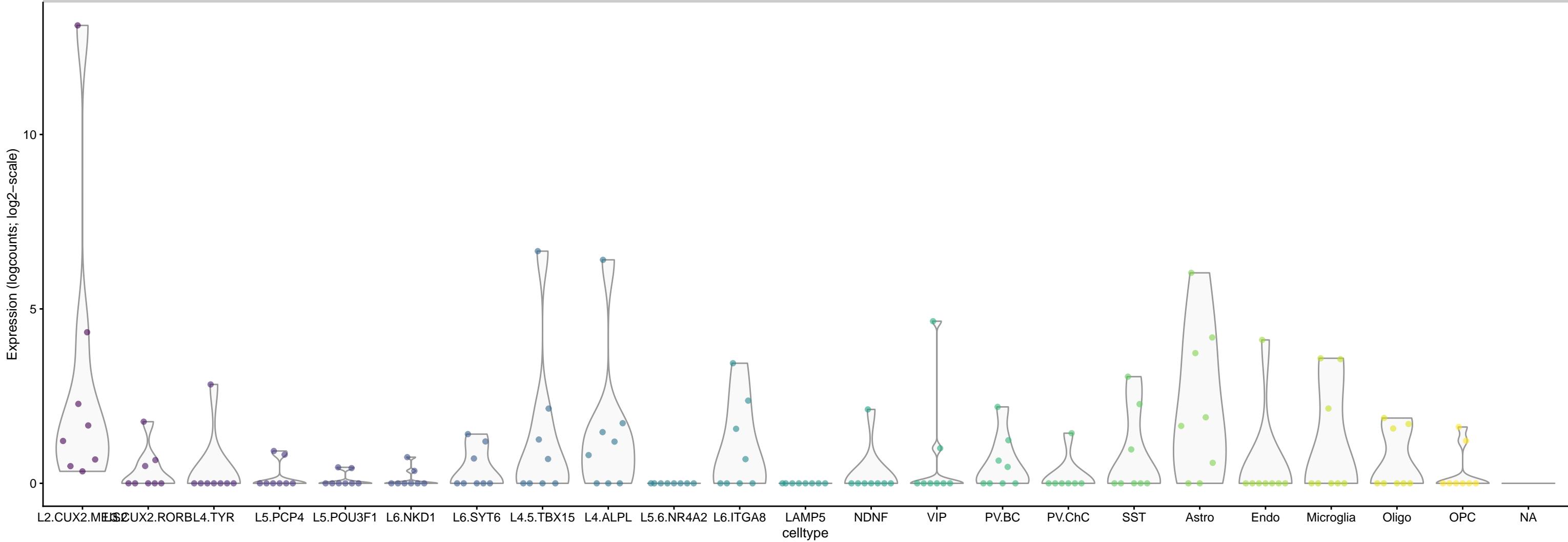
celltype: L6.NKD1, gene: PPP1R32, peak:L6.NKD1_282_PPP1R32

PPP1R32

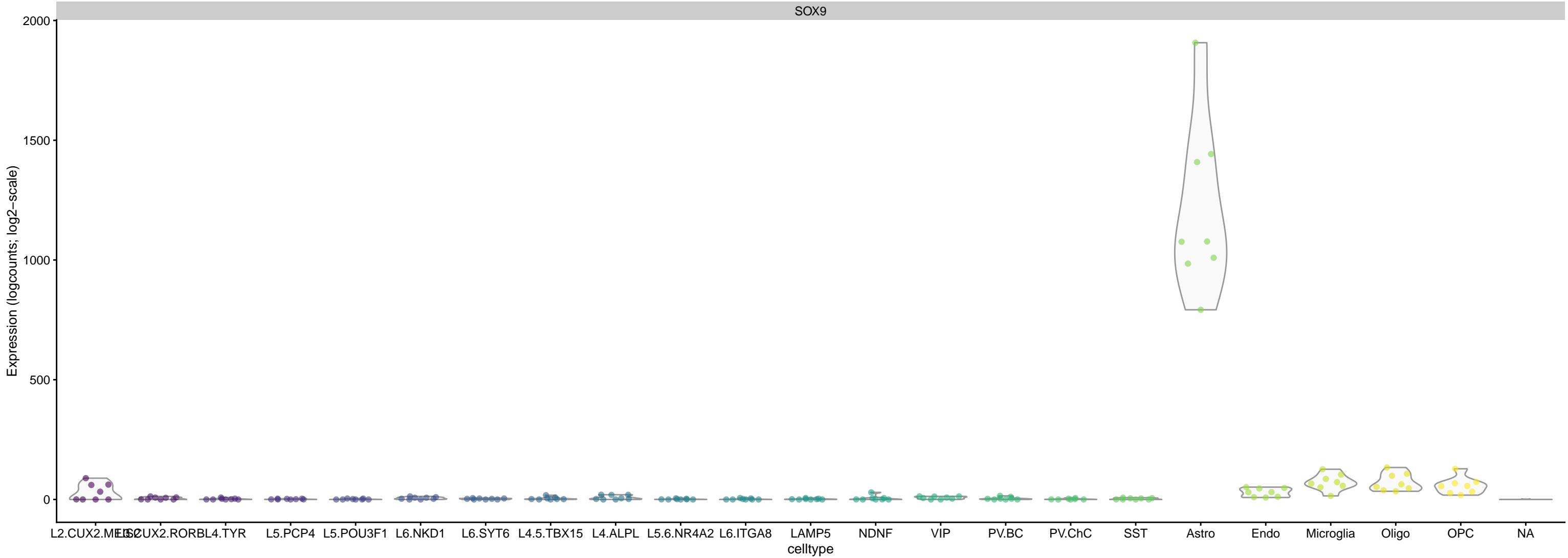


celltype: L6.NKD1, gene: LINC01132, peak:L6.NKD1_288_LINC01132

LINC01132



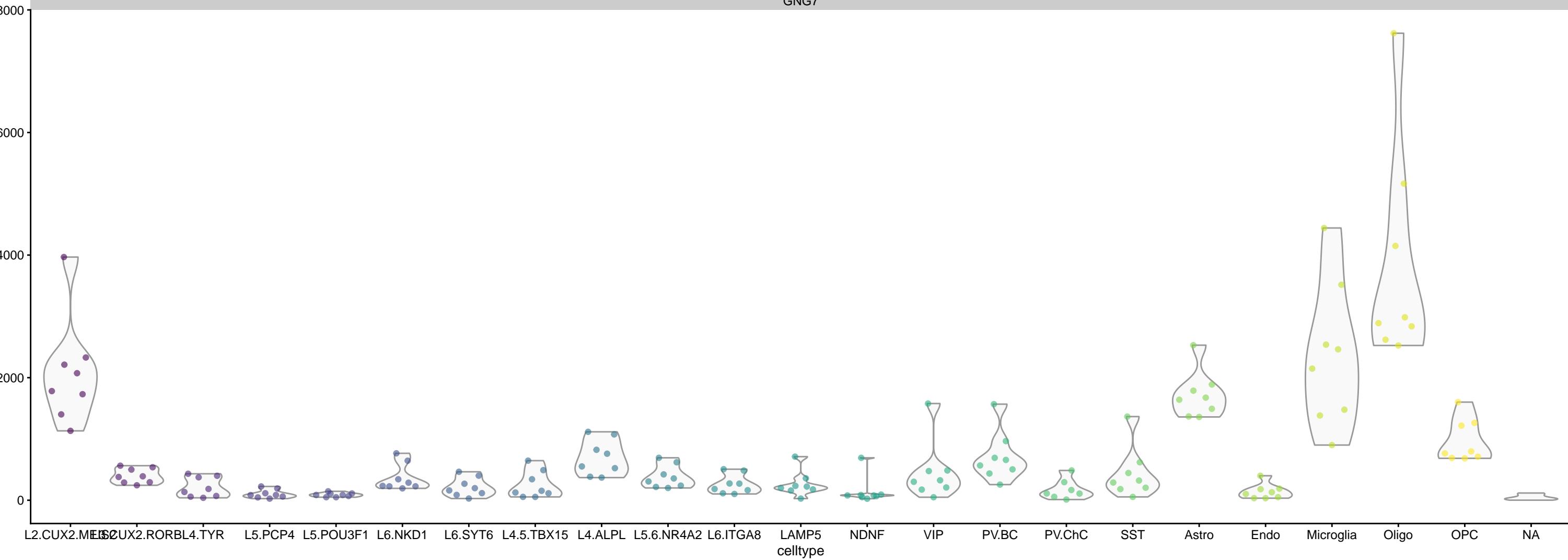
celltype: L6.NKD1, gene: SOX9, peak:L6.NKD1_296_SOX9



celltype: L6.NKD1, gene: GNG7, peak:L6.NKD1_299_GNG7

GNG7

Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: SOCS2, peak:L6.NKD1_306_SOCS2

SOCS2

Expression (logcounts; log₂-scale)

150

100

50

0

L2.CUX2.MES L2.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA celltype

celltype: L6.NKD1, gene: CD63, peak:L6.NKD1_307_CD63,GDF111

CD63

Expression (logcounts; log₂-scale)

300

200

100

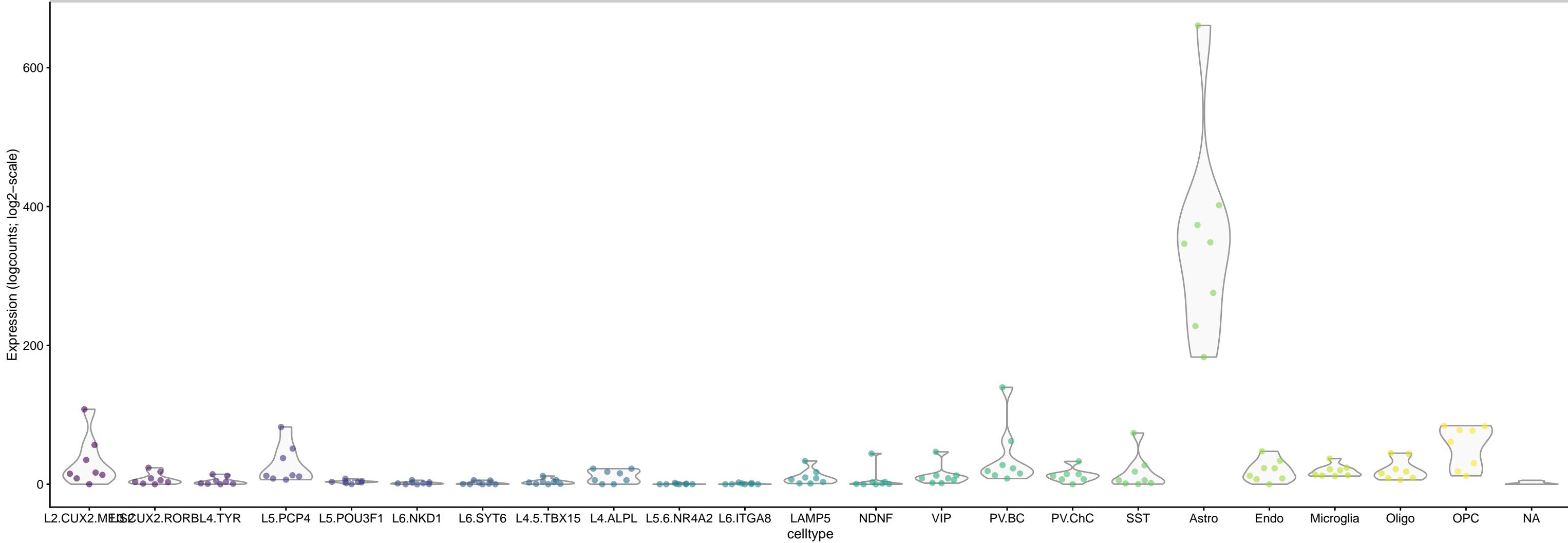
0

L2.CUX2.MES L2.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA

celltype

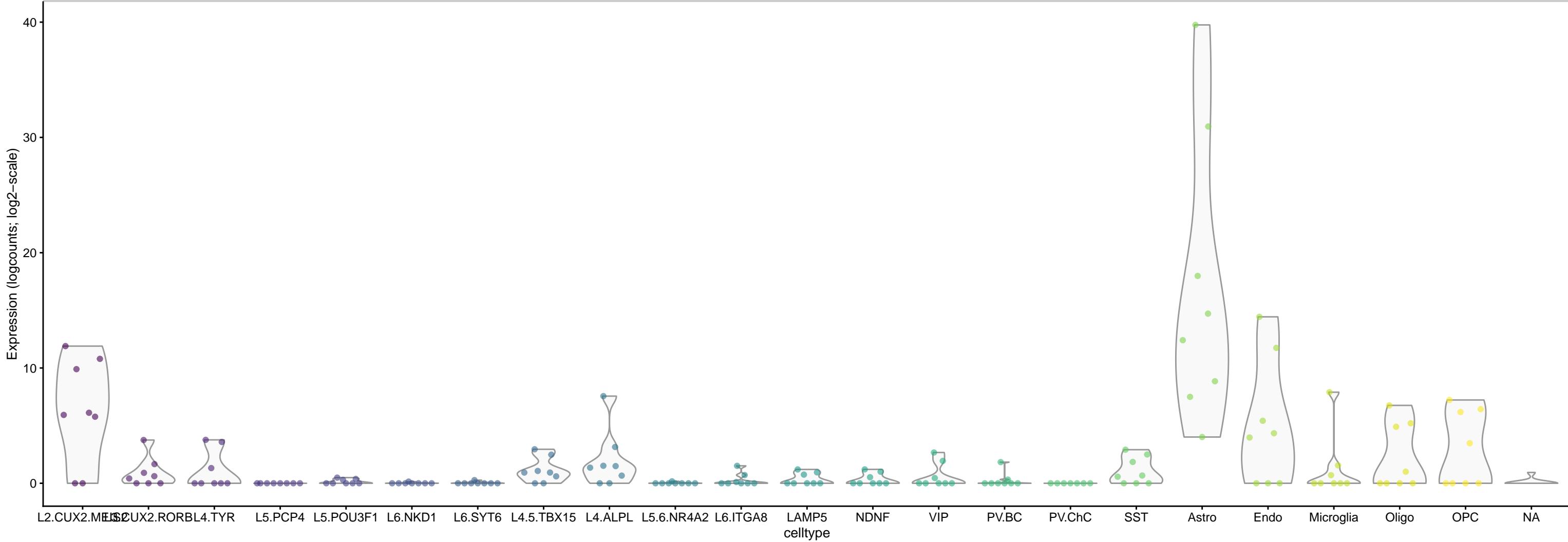
celltype: L6.NKD1, gene: GDF11, peak:L6.NKD1_307_CD63,GDF11

GDF11



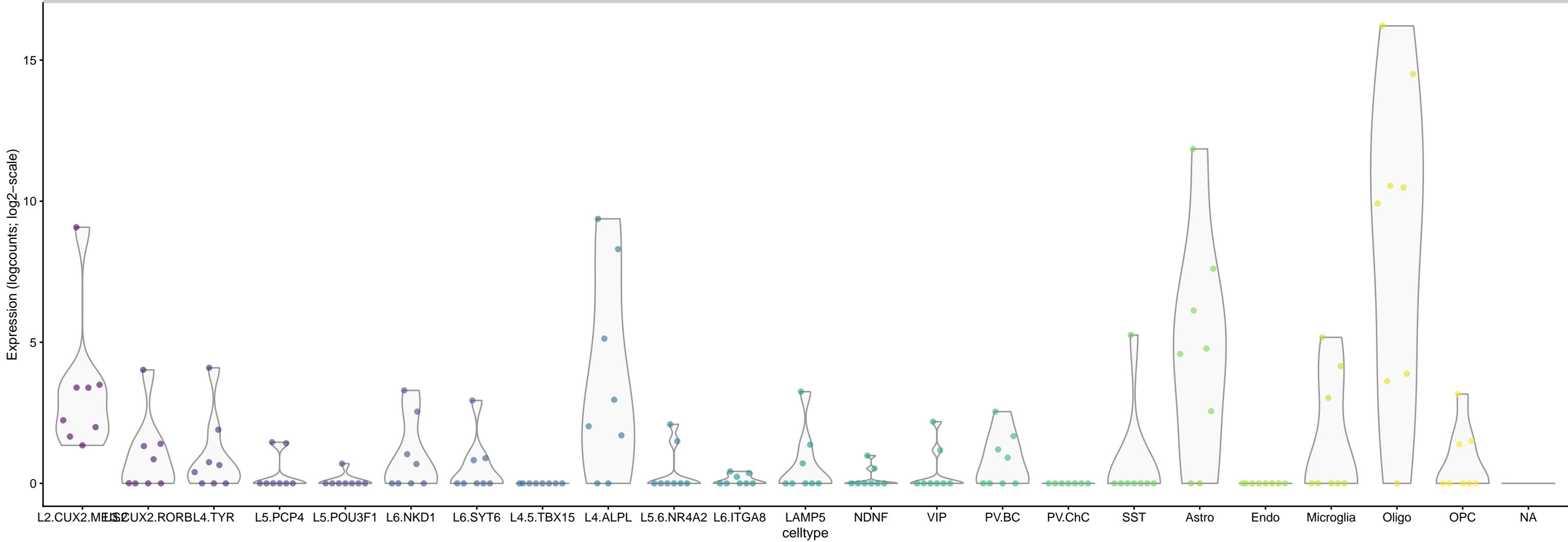
celltype: L6.NKD1, gene: PDLIM4, peak:L6.NKD1_317_PDLIM4

PDLIM4



celltype: L6.NKD1, gene: LINC00870, peak:L6.NKD1_322_LINC00870

LINC00870



celltype: L6.NKD1, gene: PPP2R1B, peak:L6.NKD1_337_PPP2R1B

PPP2R1B

Expression (logcounts; log₂-scale)

1500

1000

500

0

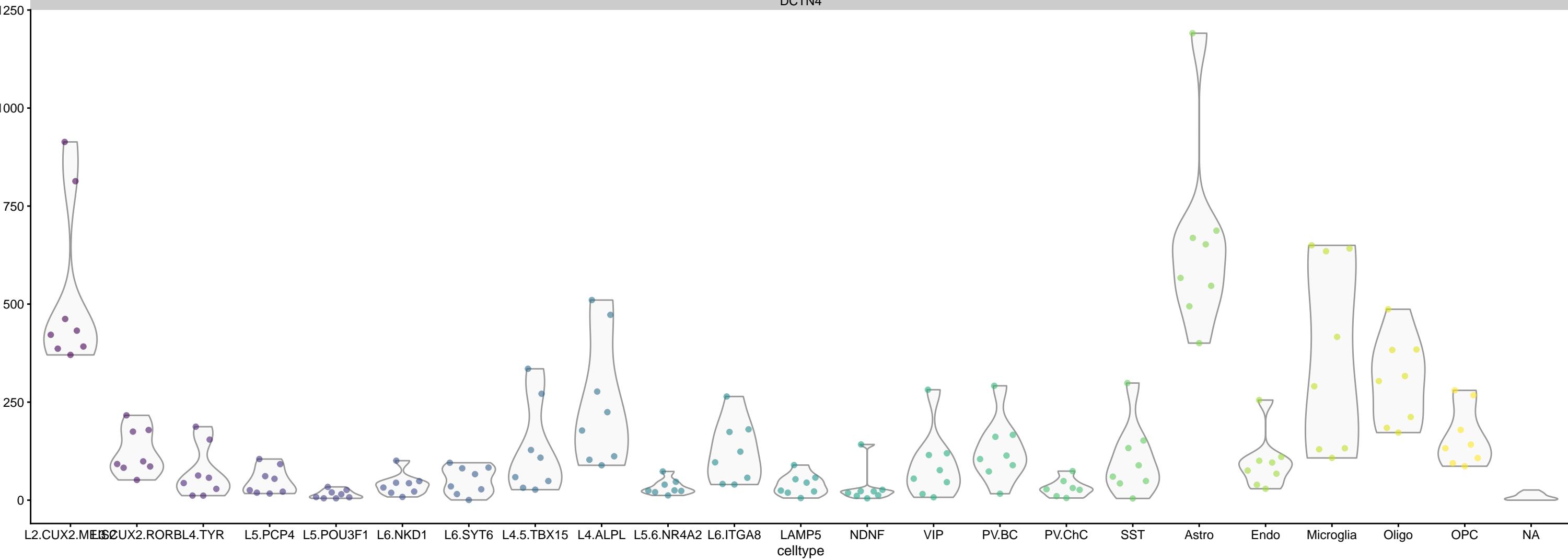
L2.CUX2.MES L2.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA

celltype

celltype: L6.NKD1, gene: DCTN4, peak:L6.NKD1_340_DCTN4

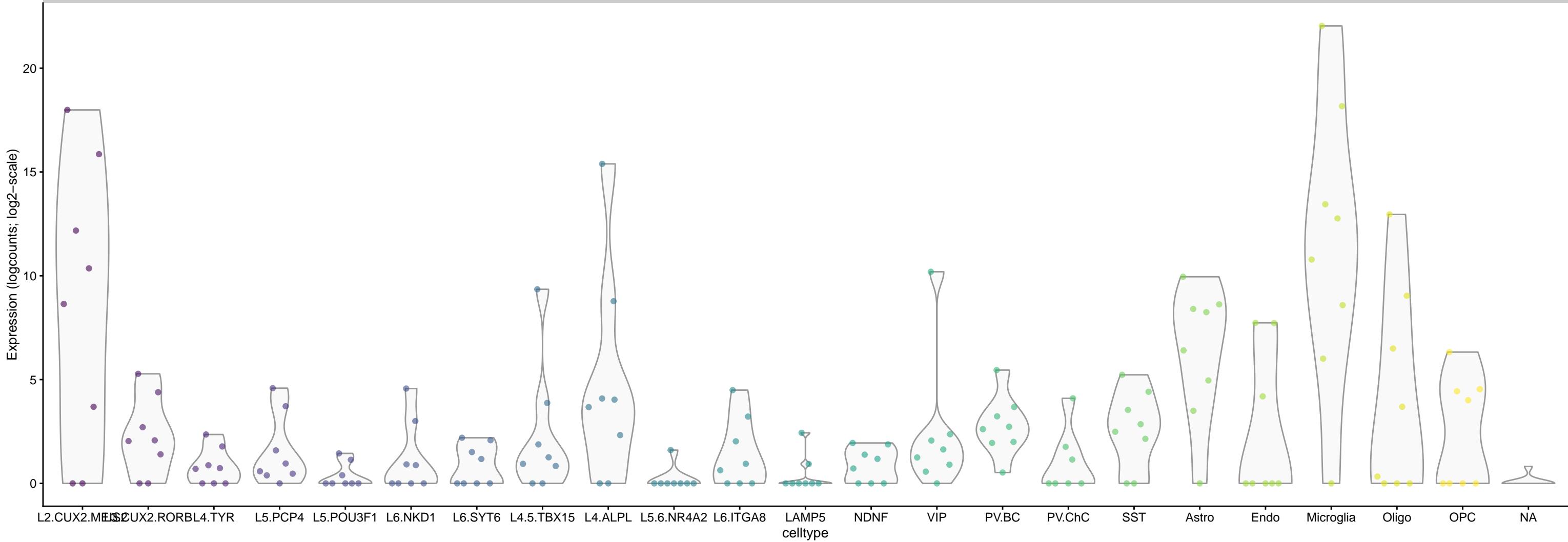
DCTN4

Expression (logcounts; log2-scale)



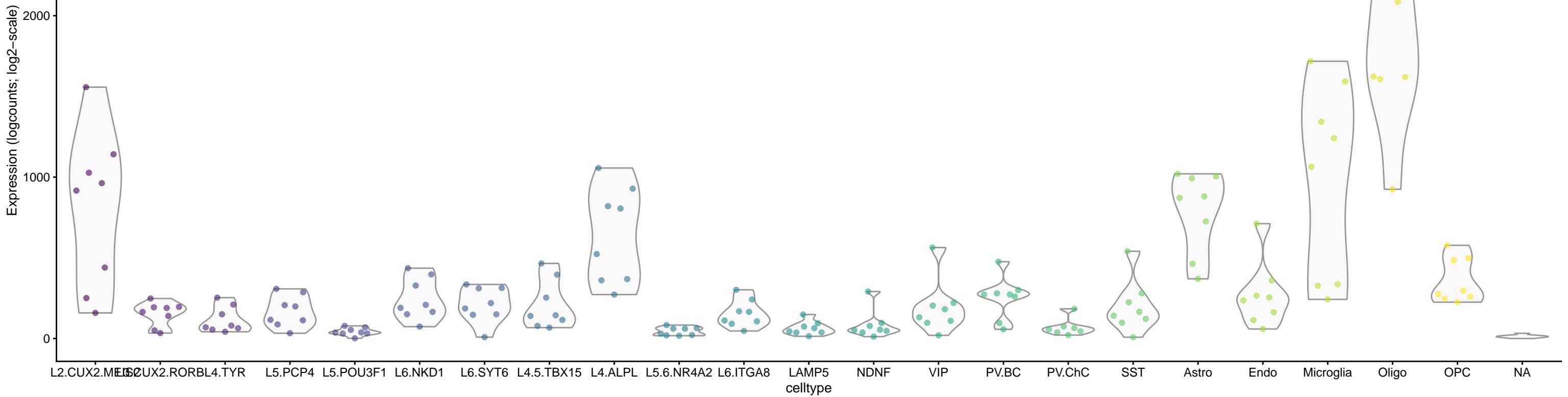
celltype: L6.NKD1, gene: LINC01926, peak:L6.NKD1_353_LINC01926

LINC01926



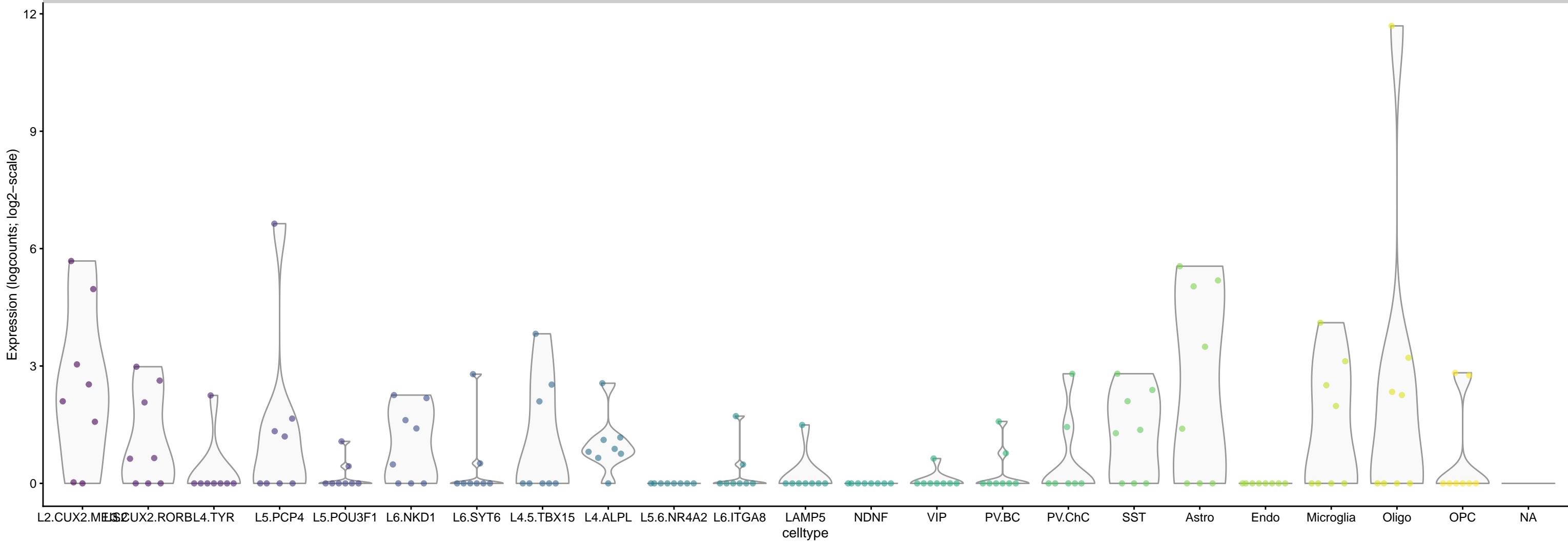
celltype: L6.NKD1, gene: SMURF1, peak:L6.NKD1_360_SMURF1

SMURF1



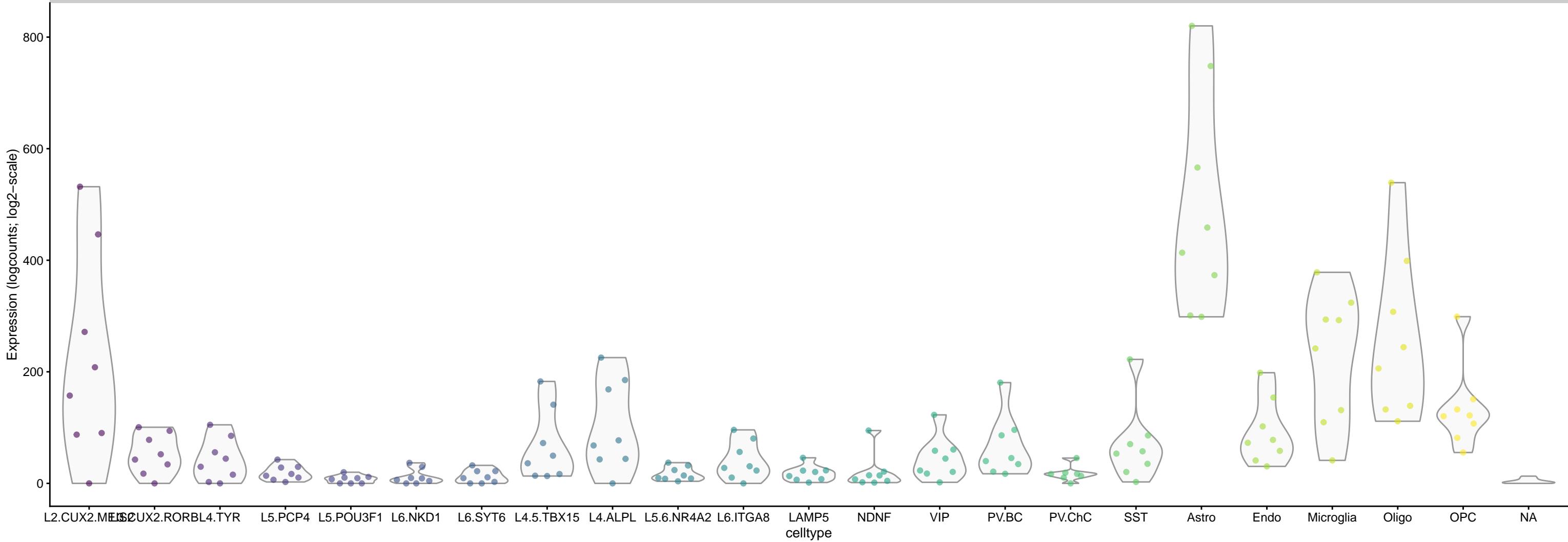
celltype: L6.NKD1, gene: OR7D4, peak:L6.NKD1_363_OR7D4

OR7D4



celltype: L6.NKD1, gene: PRKAR1A, peak:L6.NKD1_371_PRKAR1A,WIPI11

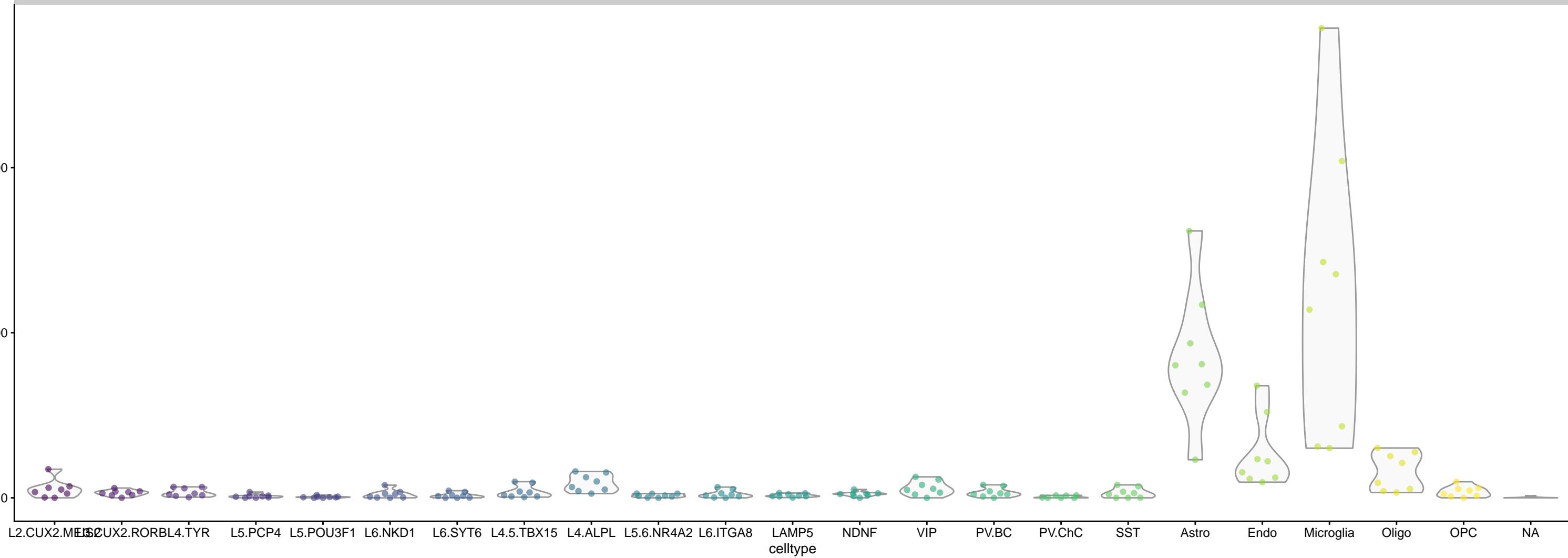
PRKAR1A



celltype: L6.NKD1, gene: WIPI1, peak:L6.NKD1_371_PRKAR1A,WIPI12

WIPI1

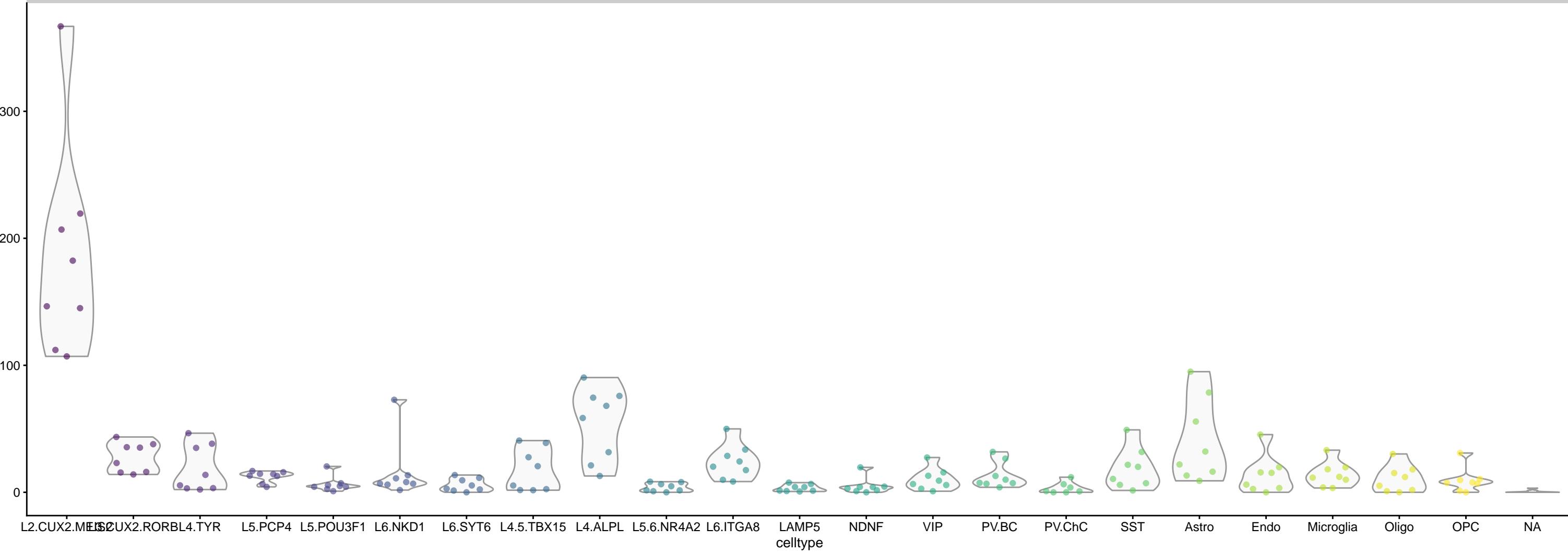
Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: NXNL2, peak:L6.NKD1_387_NXNL2

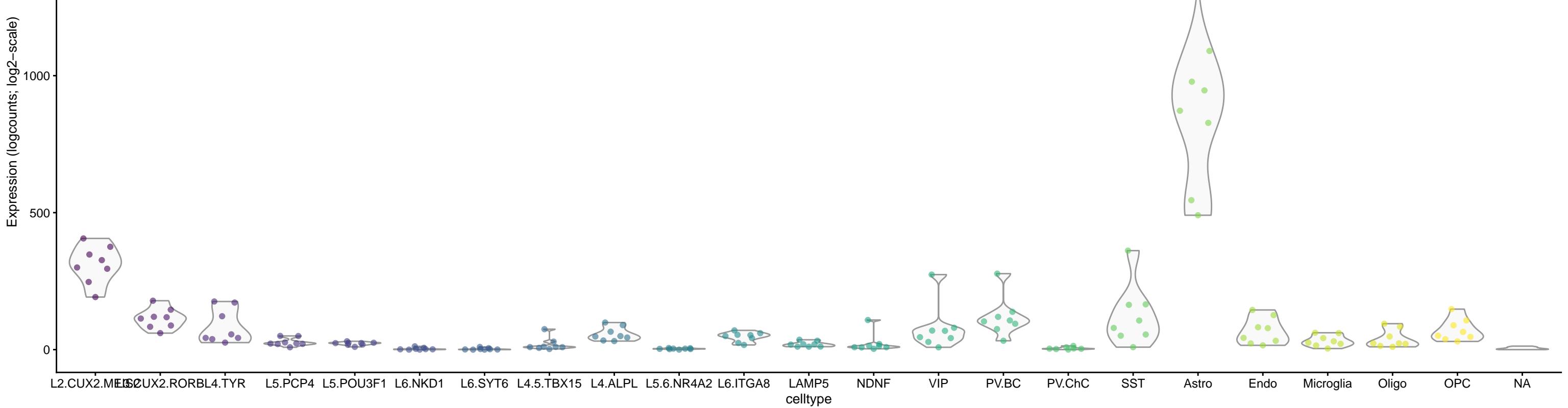
NXNL2

Expression (logcounts; log₂-scale)



celltype: L6.NKD1, gene: SH3PXD2B, peak:L6.NKD1_388_SH3PXD2B

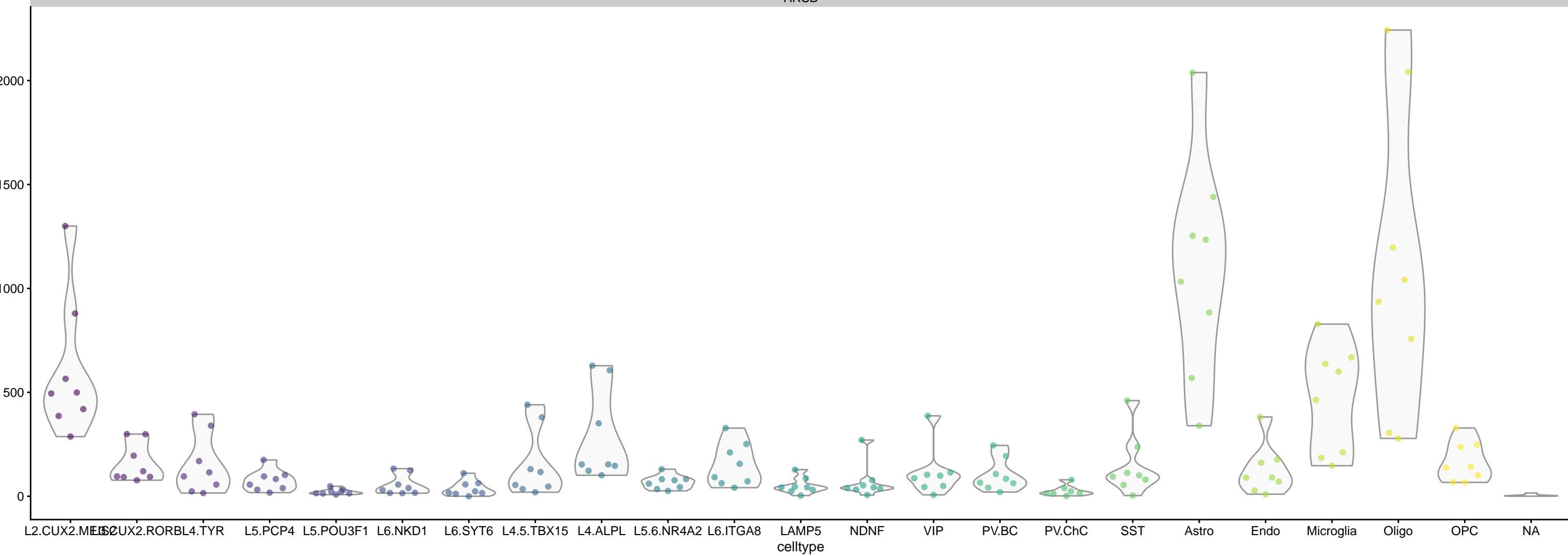
SH3PXD2B



celltype: L6.NKD1, gene: ARSB, peak:L6.NKD1_392_ARSB

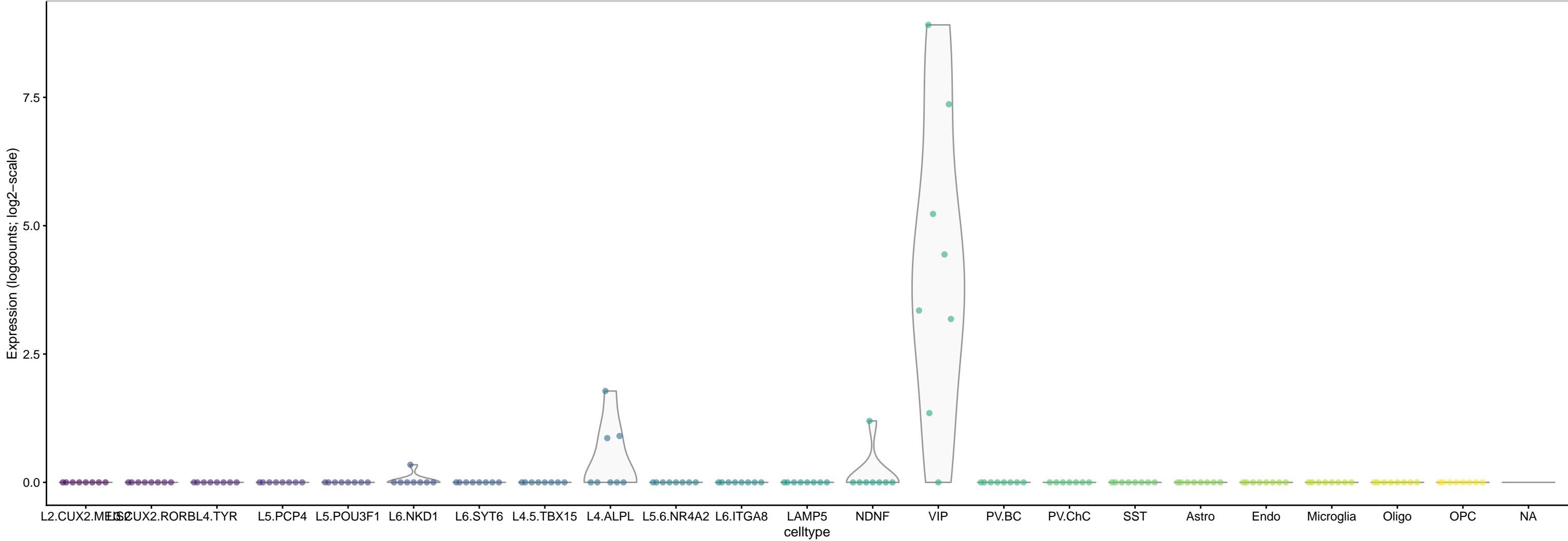
ARSB

Expression (logcounts; log2-scale)



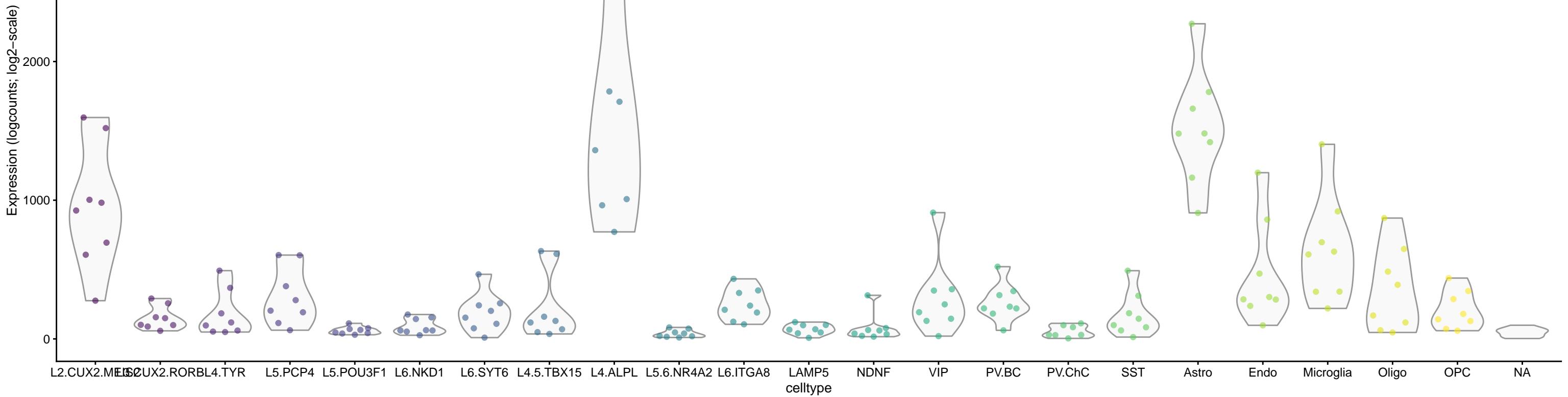
celltype: L6.NKD1, gene: LINC01989, peak:L6.NKD1_395_LINC01989

LINC01989



celltype: L6.NKD1, gene: CRIM1, peak:L6.NKD1_418_CRIM1,FEZ21

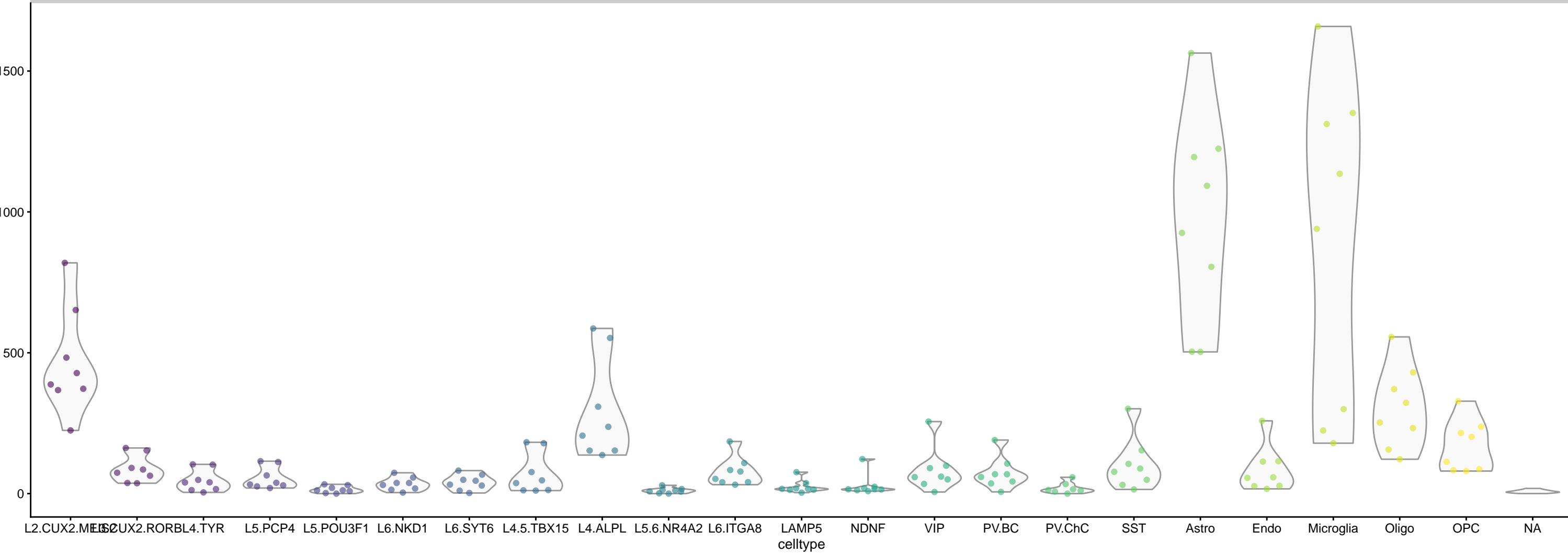
CRIM1



celltype: L6.NKD1, gene: FEZ2, peak:L6.NKD1_418_CRIM1,FEZ22

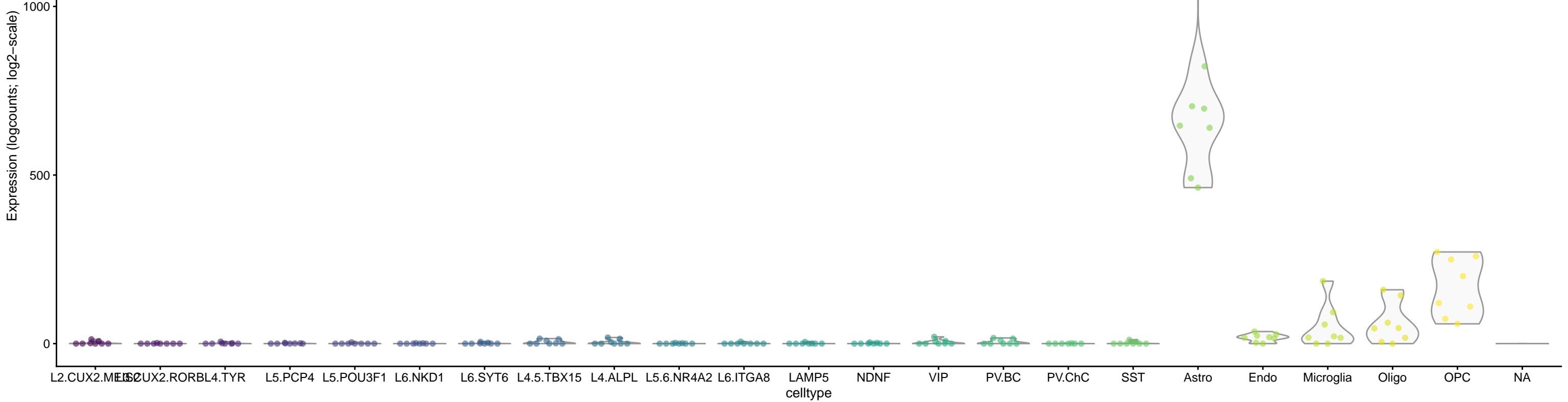
FEZ2

Expression (logcounts; log₂-scale)



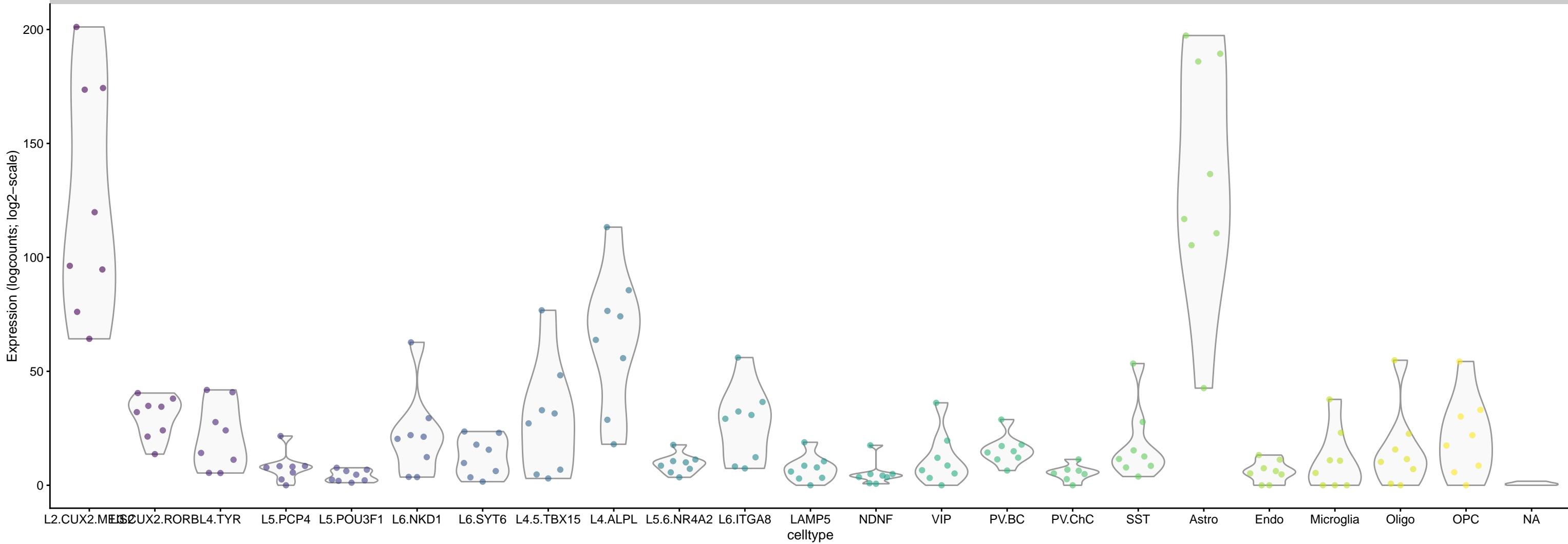
celltype: L6.NKD1, gene: GPR37L1, peak:L6.NKD1_424_GPR37L1

GPR37L1



celltype: L6.NKD1, gene: PROM2, peak:L6.NKD1_425_PROM2

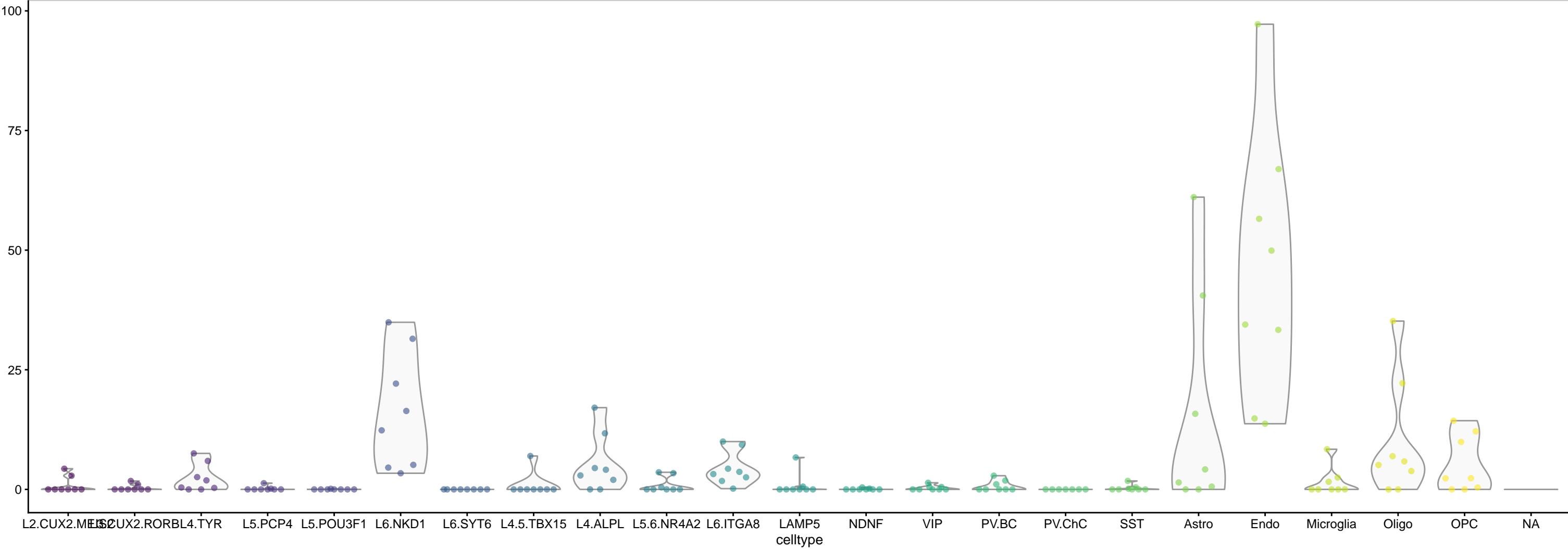
PROM2



celltype: L6.NKD1, gene: CCN2, peak:L6.NKD1_439_CCN2

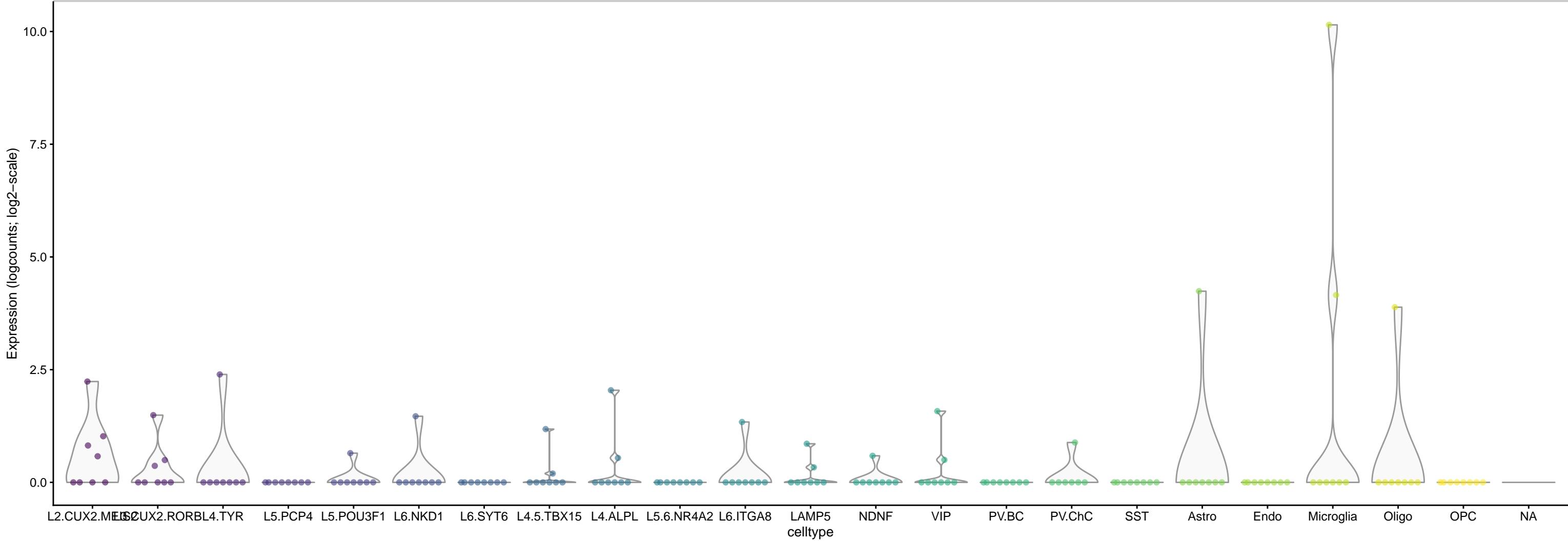
CCN2

Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: KCNQ1-AS1, peak:L6.NKD1_459_KCNQ1-AS1

KCNQ1-AS1



celltype: L6.NKD1, gene: TXNIP, peak:L6.NKD1_464_TXNIP

TXNIP

Expression (logcounts; log₂-scale)

800

600

400

200

0

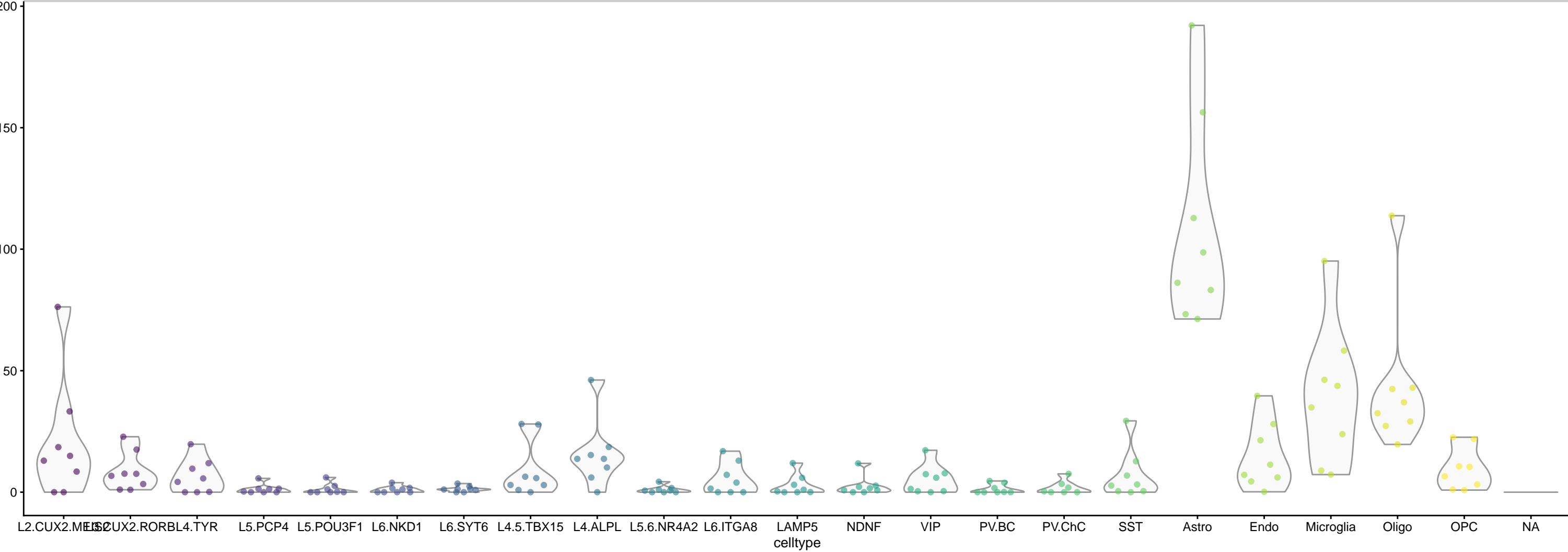
L2.CUX2.MES L5.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA

celltype

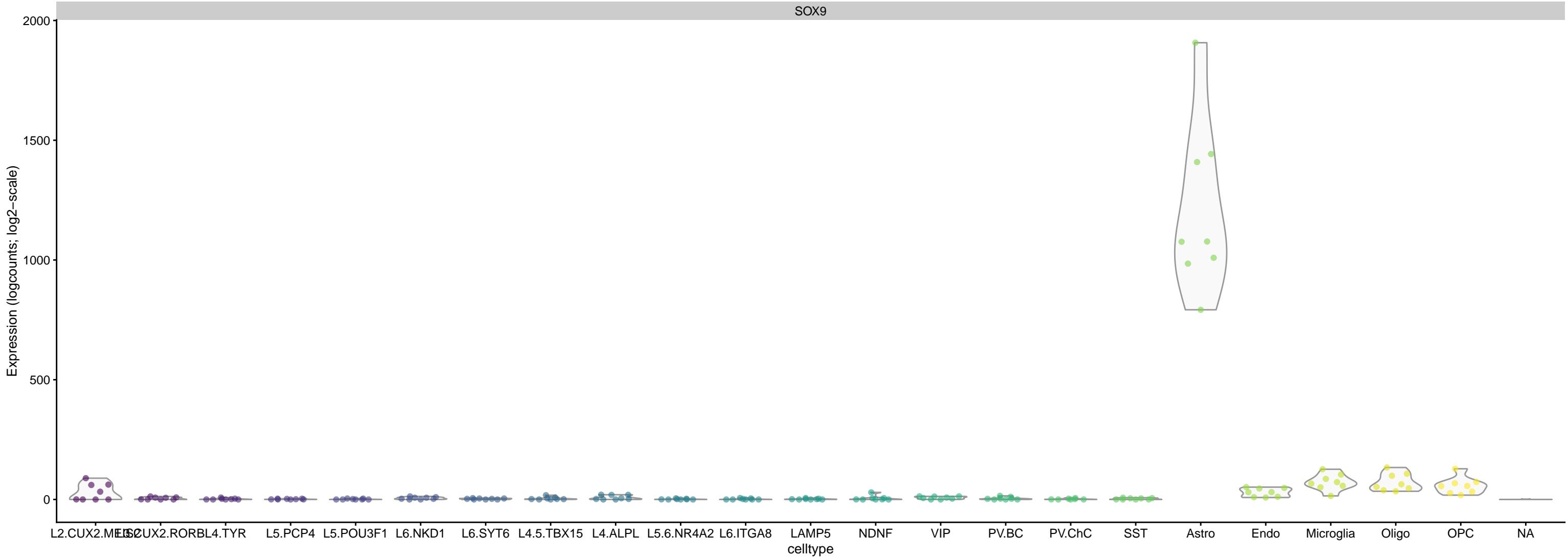
celltype: L6.NKD1, gene: NUDT16, peak:L6.NKD1_466_NUDT16

NUDT16

Expression (logcounts; log2-scale)

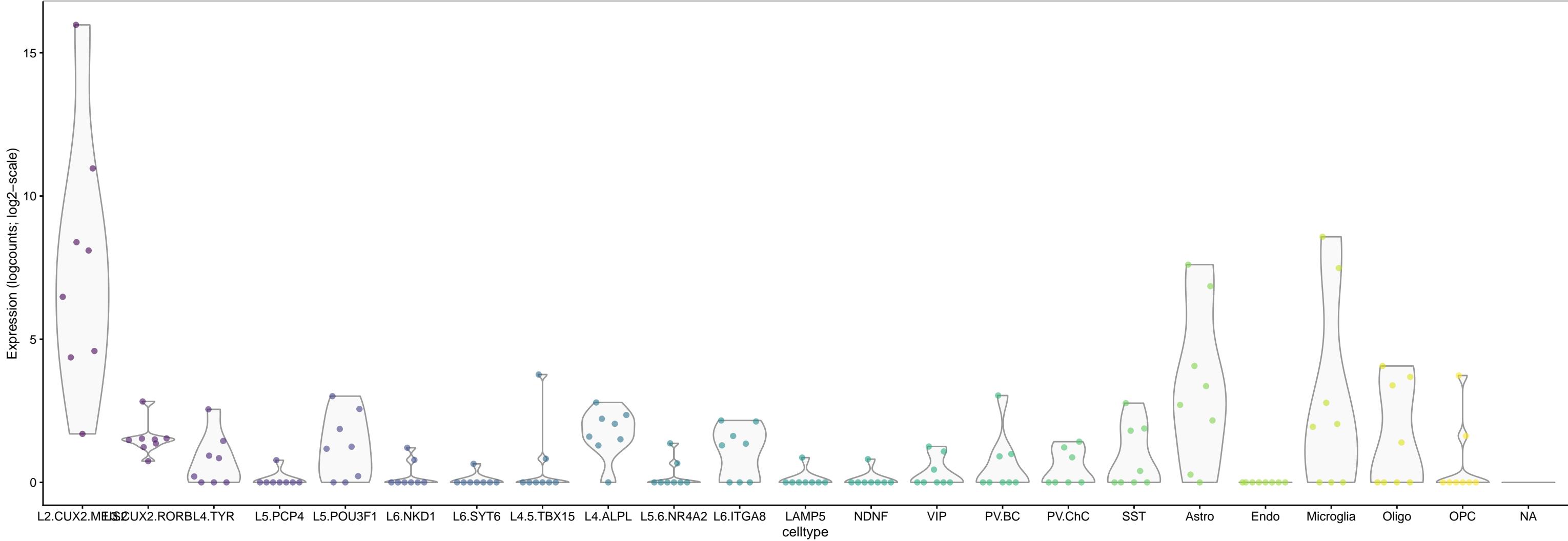


celltype: L6.NKD1, gene: SOX9, peak:L6.NKD1_477_SOX9



celltype: L6.NKD1, gene: LINC02301, peak:L6.NKD1_490_LINC02301

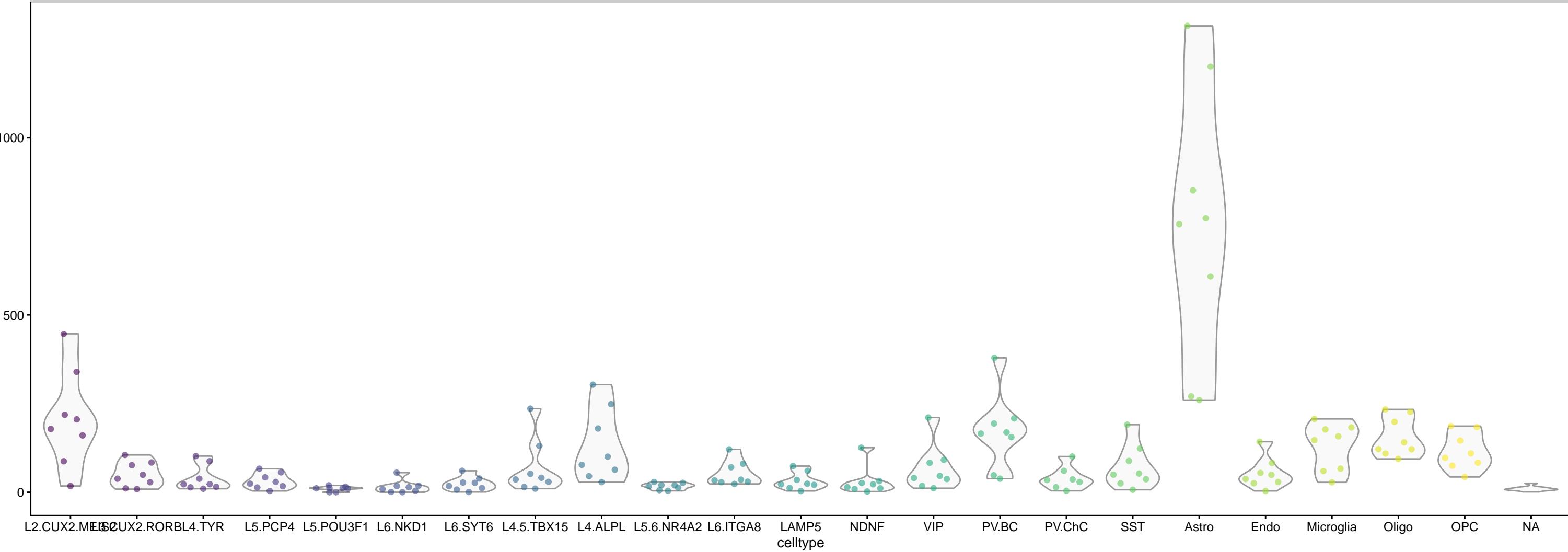
LINC02301



celltype: L6.NKD1, gene: NNT-AS1, peak:L6.NKD1_494_NNT-AS1

NNT-AS1

Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: B4GALT1, peak:L6.NKD1_499_B4GALT1

B4GALT1

Expression (logcounts; log2-scale)

1000

750

500

250

0

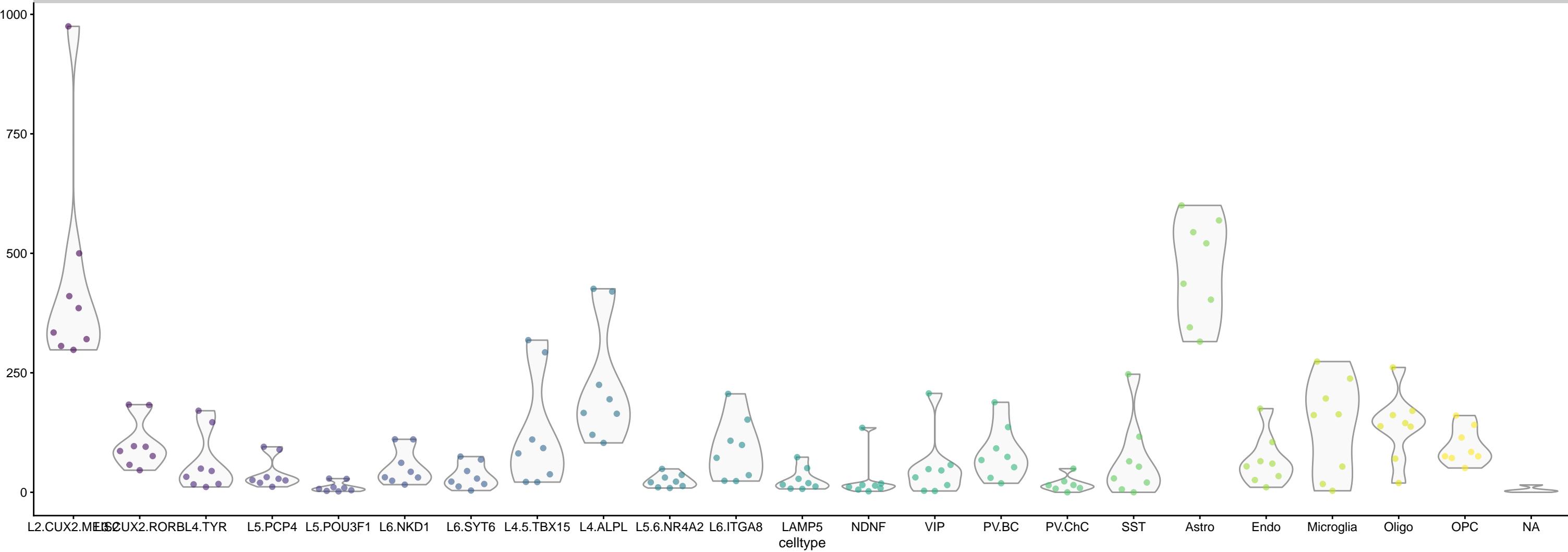
L2.CUX2.MES L2.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA

celltype

celltype: L6.NKD1, gene: PTPA, peak:L6.NKD1_503_PTPA

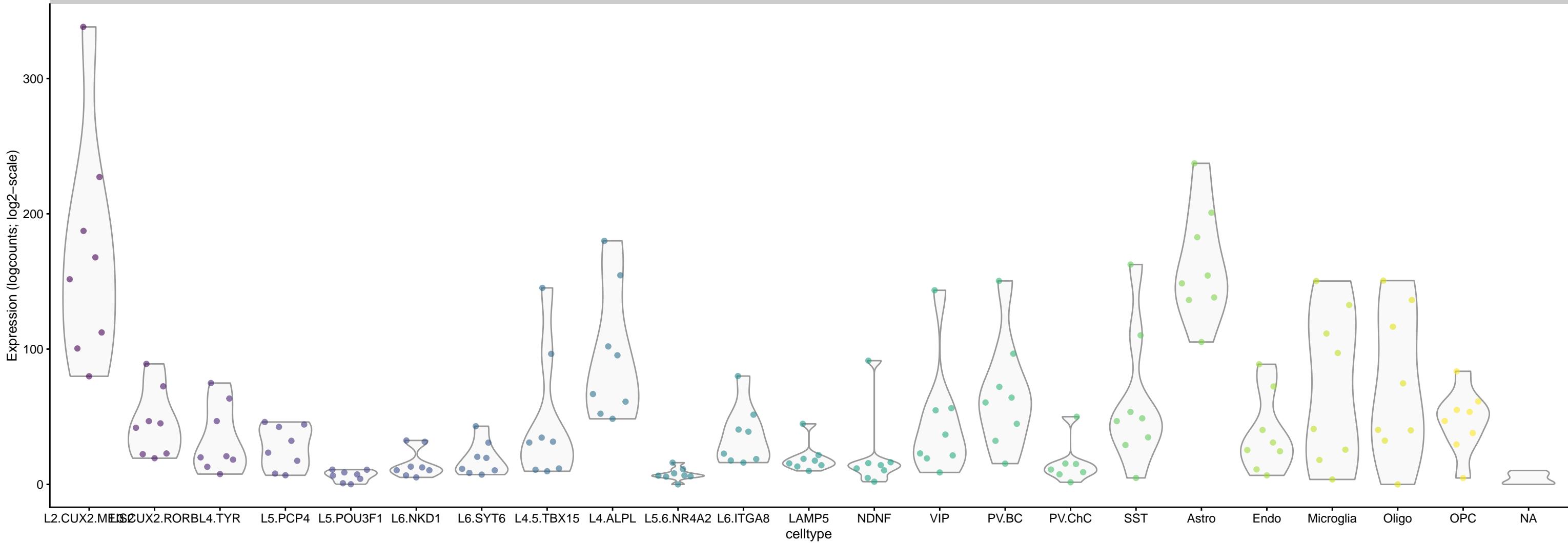
PTPA

Expression (logcounts; log2-scale)



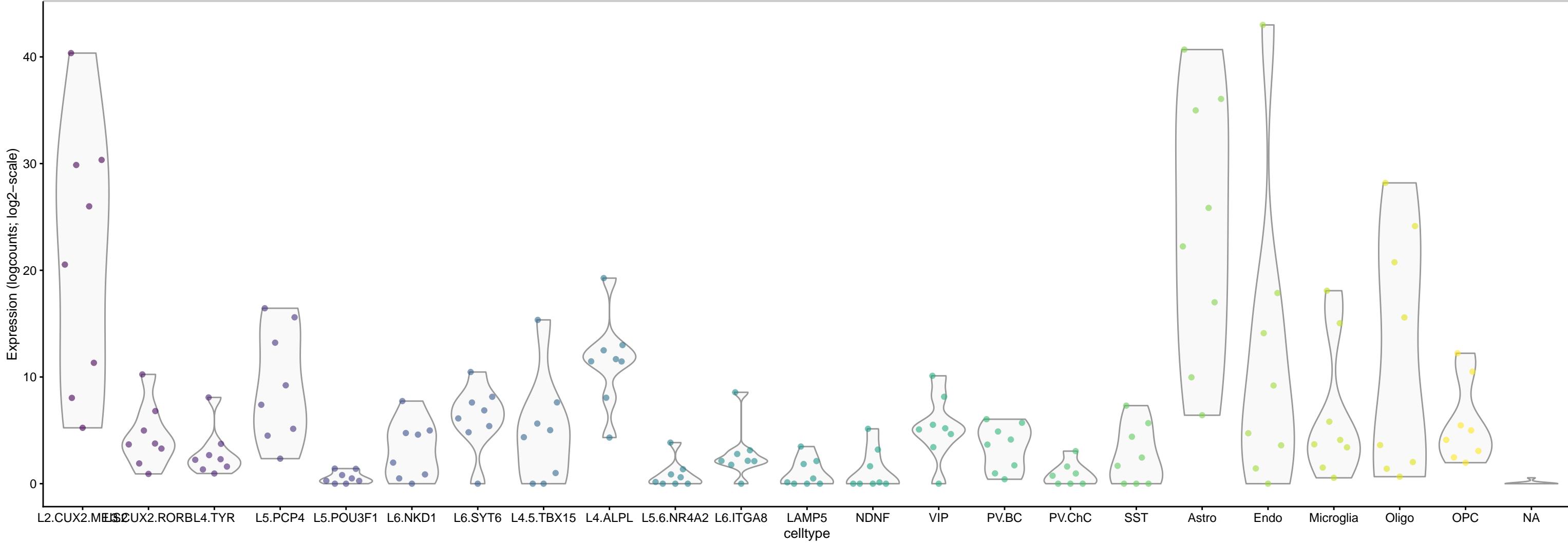
celltype: L6.NKD1, gene: CYB5R3, peak:L6.NKD1_511_CYB5R3

CYB5R3



celltype: L6.NKD1, gene: LINC01558, peak:L6.NKD1_517_LINC01558

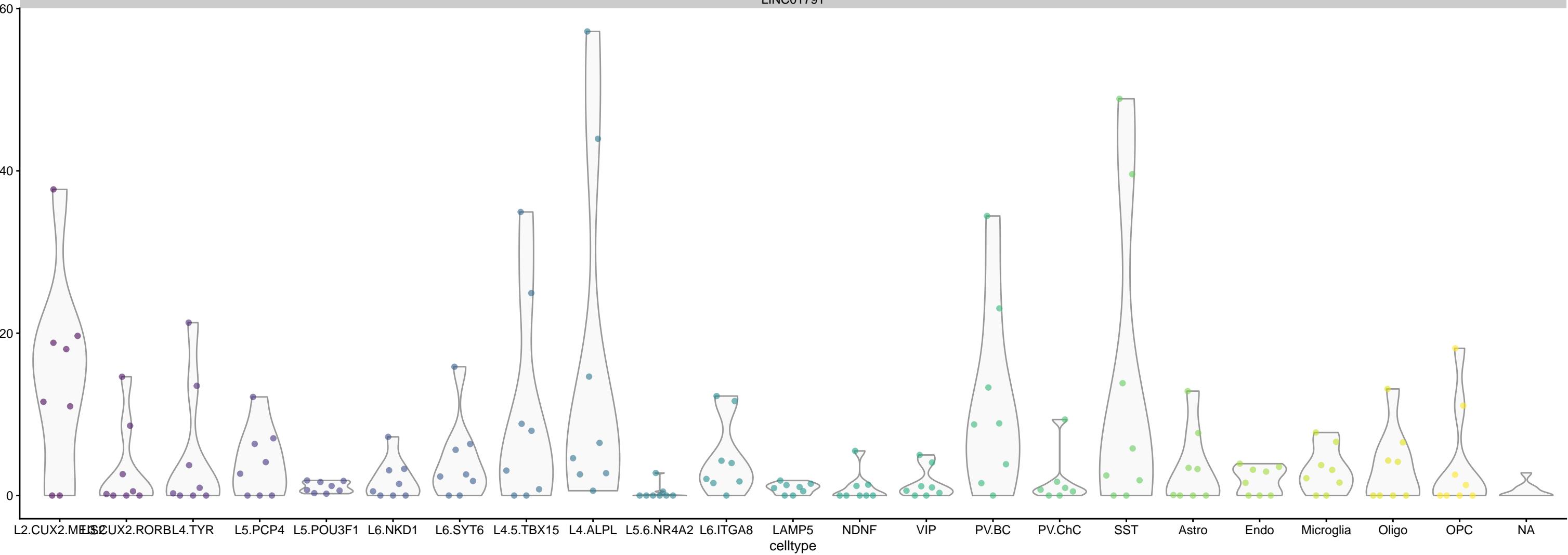
LINC01558



celltype: L6.NKD1, gene: LINC01791, peak:L6.NKD1_519_LINC01791

LINC01791

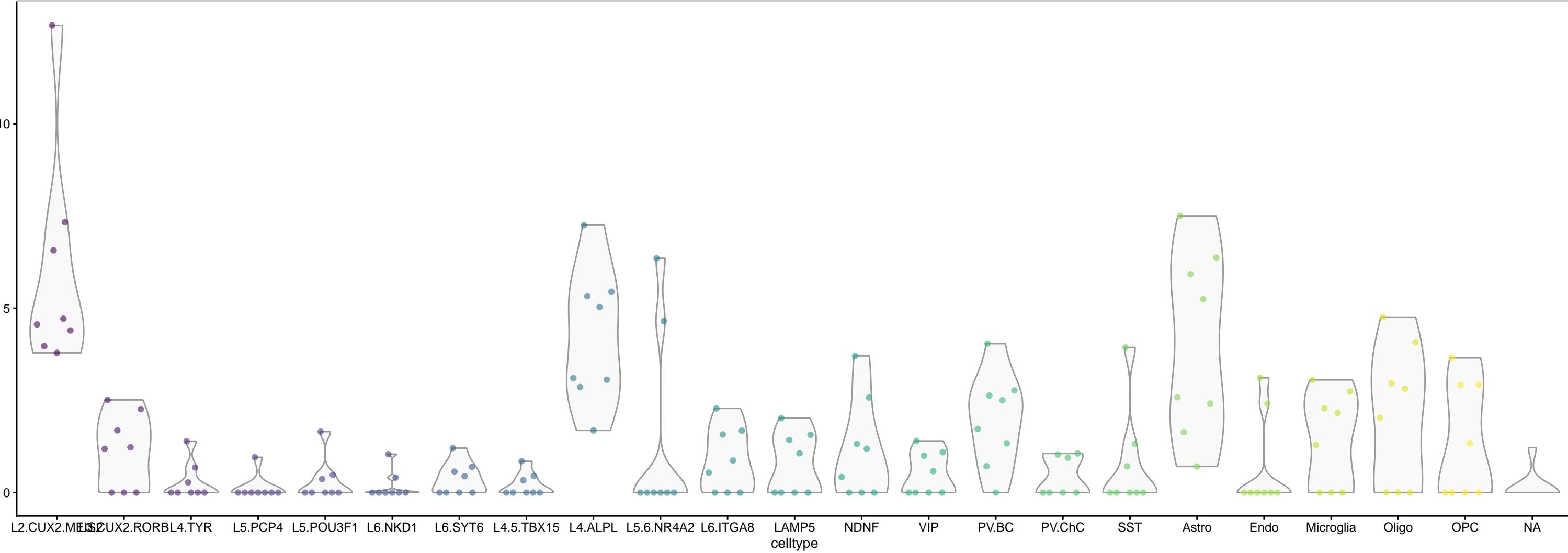
Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: LINC01173, peak:L6.NKD1_549_LINC01173

LINC01173

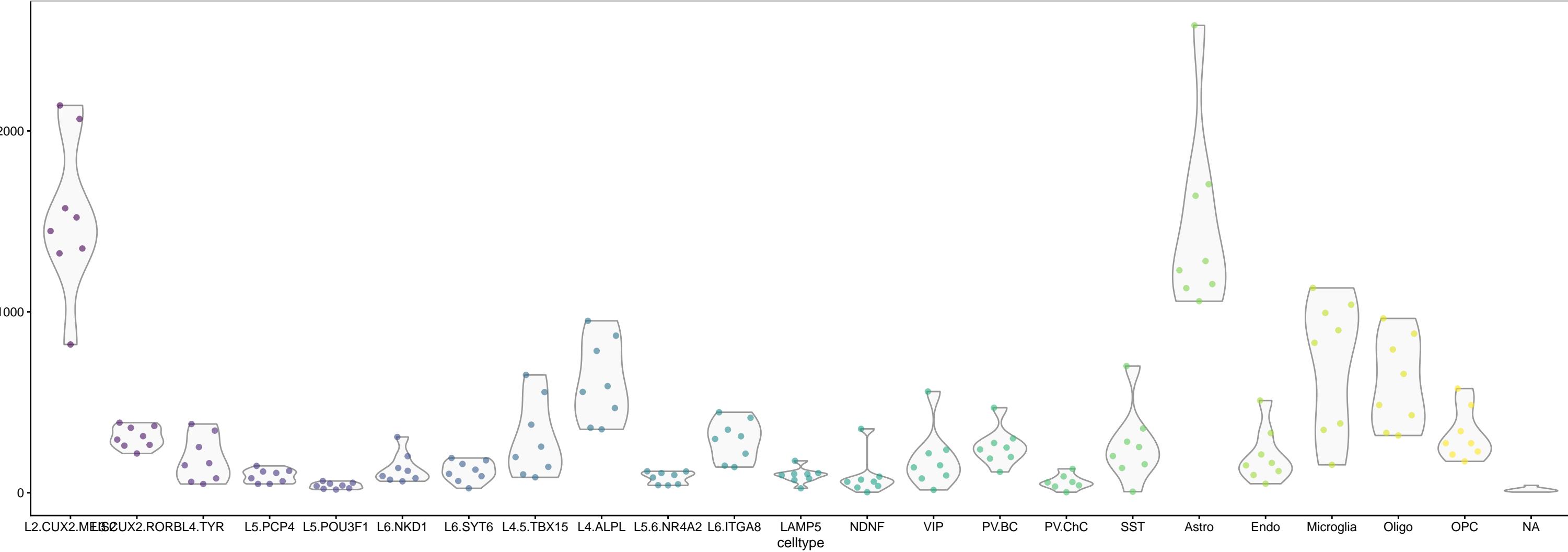
Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: HP1BP3, peak:L6.NKD1_550_HP1BP3

HP1BP3

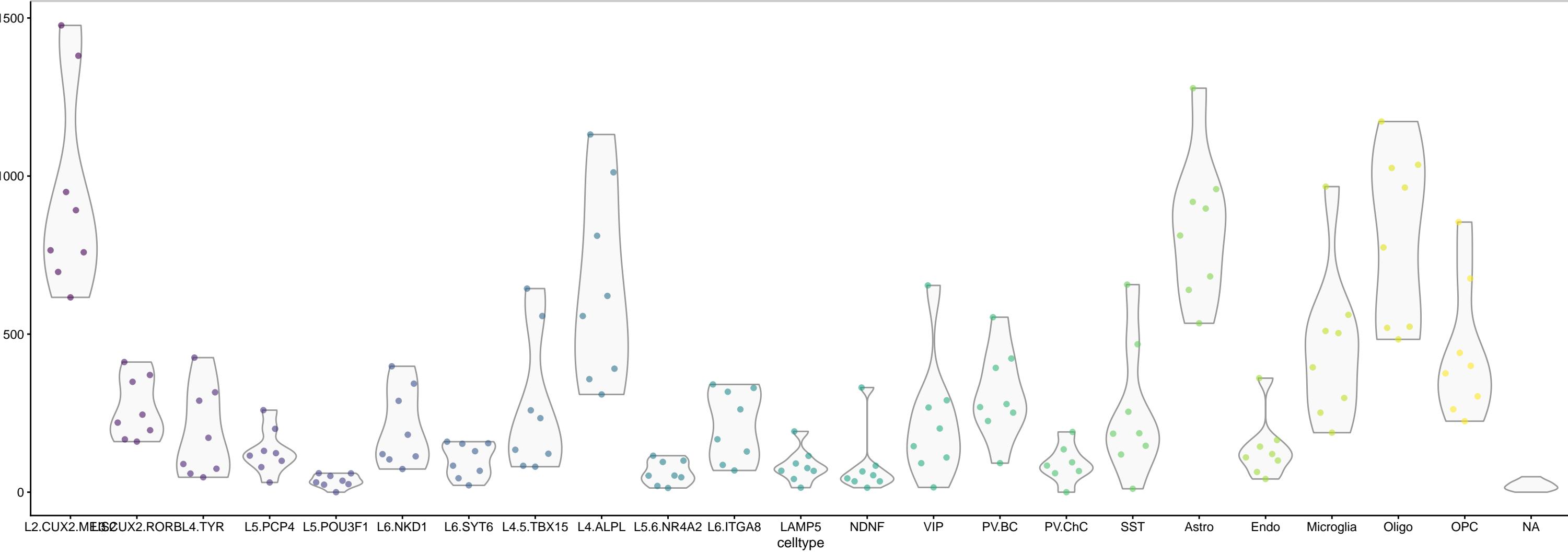
Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: MAP3K4, peak:L6.NKD1_557_MAP3K4

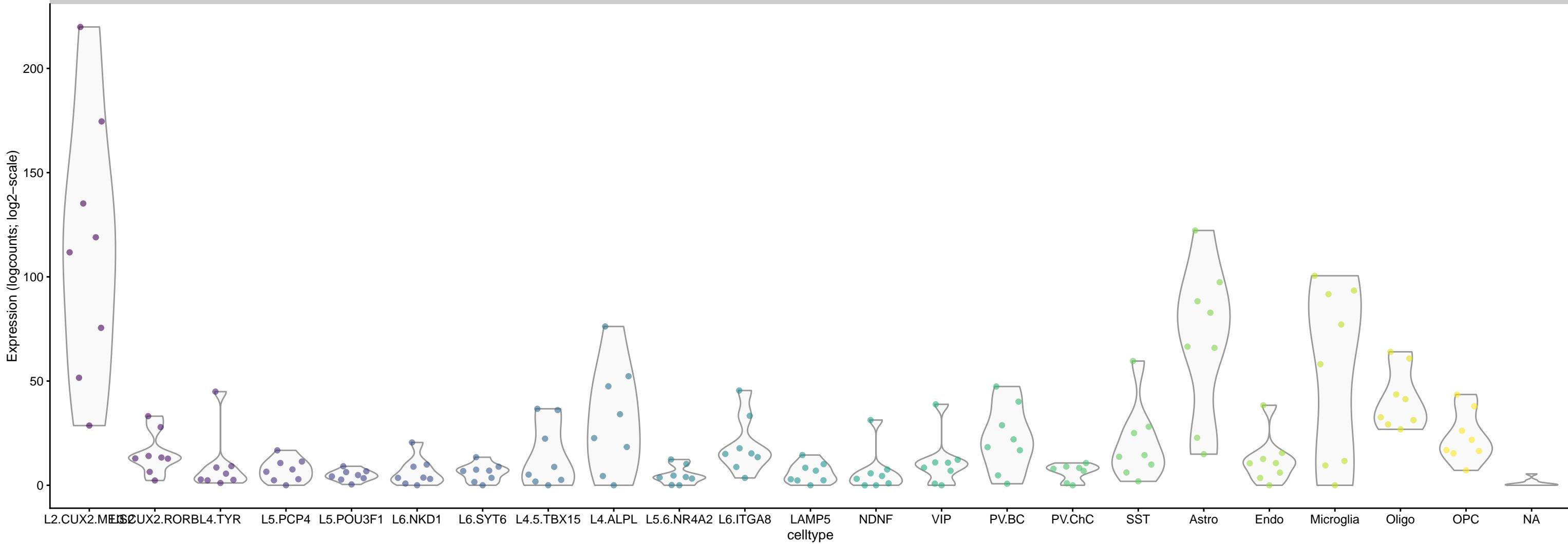
MAP3K4

Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: MKKS, peak:L6.NKD1_575_MKKS

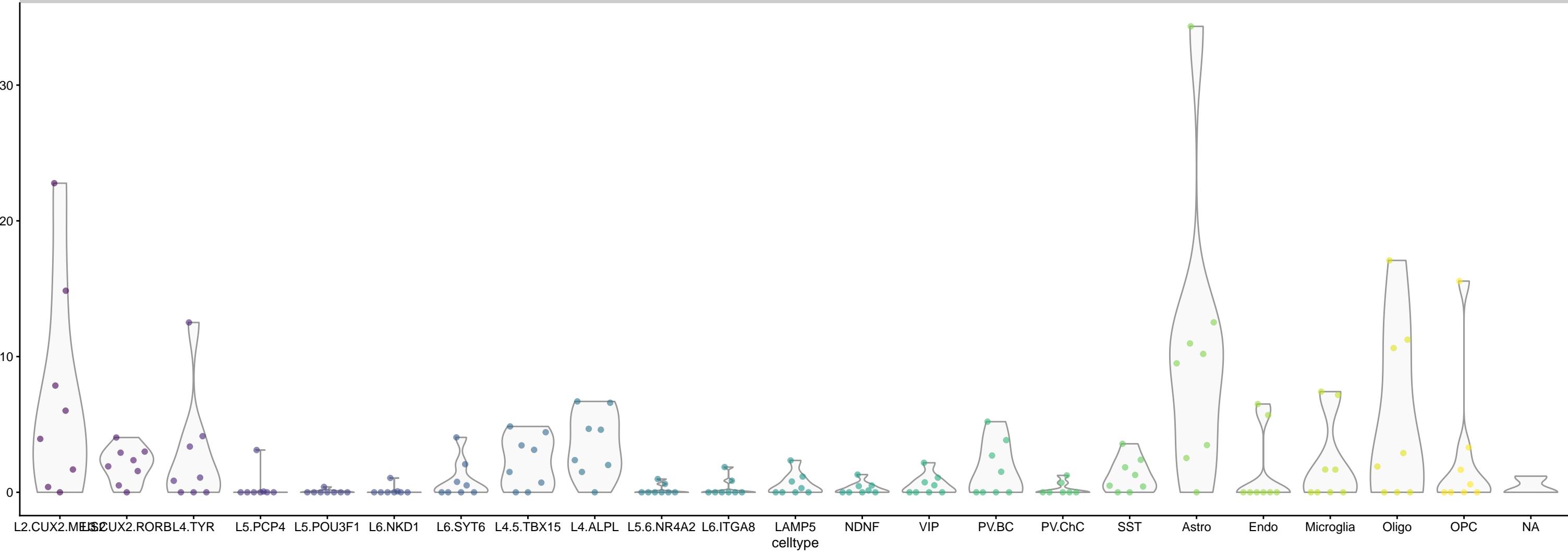
MKKS



celltype: L6.NKD1, gene: ANKRD65, peak:L6.NKD1_579_ANKRD65

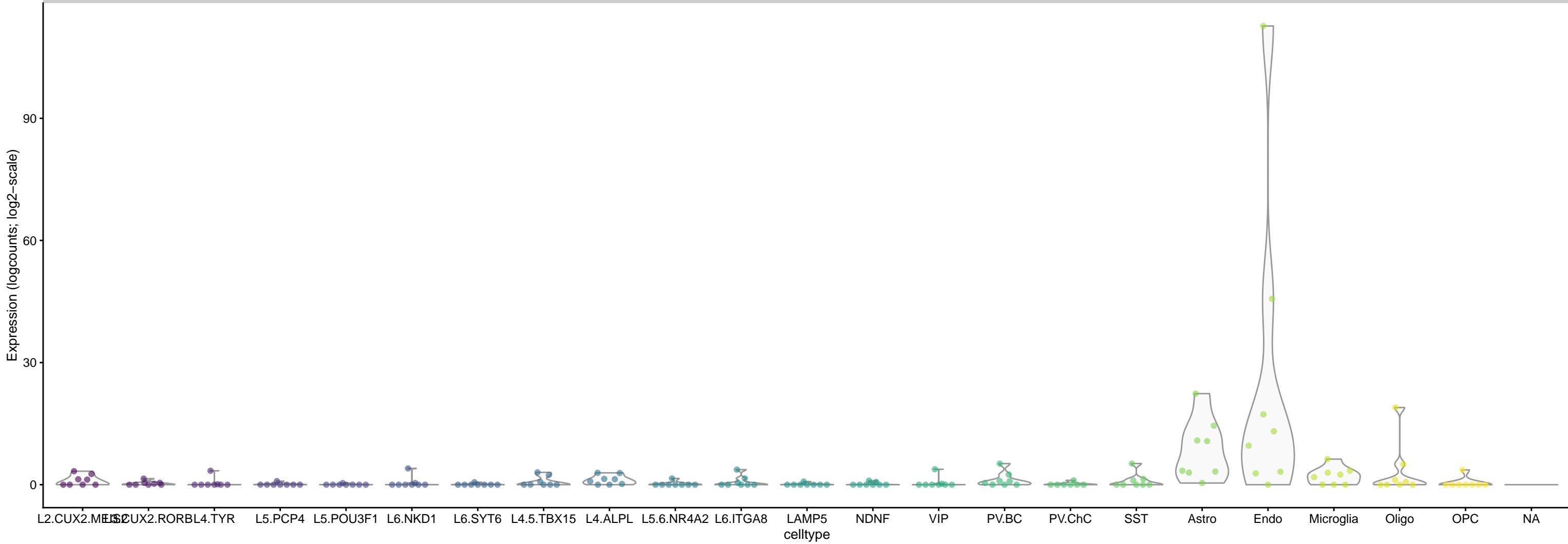
ANKRD65

Expression (logcounts; log₂-scale)



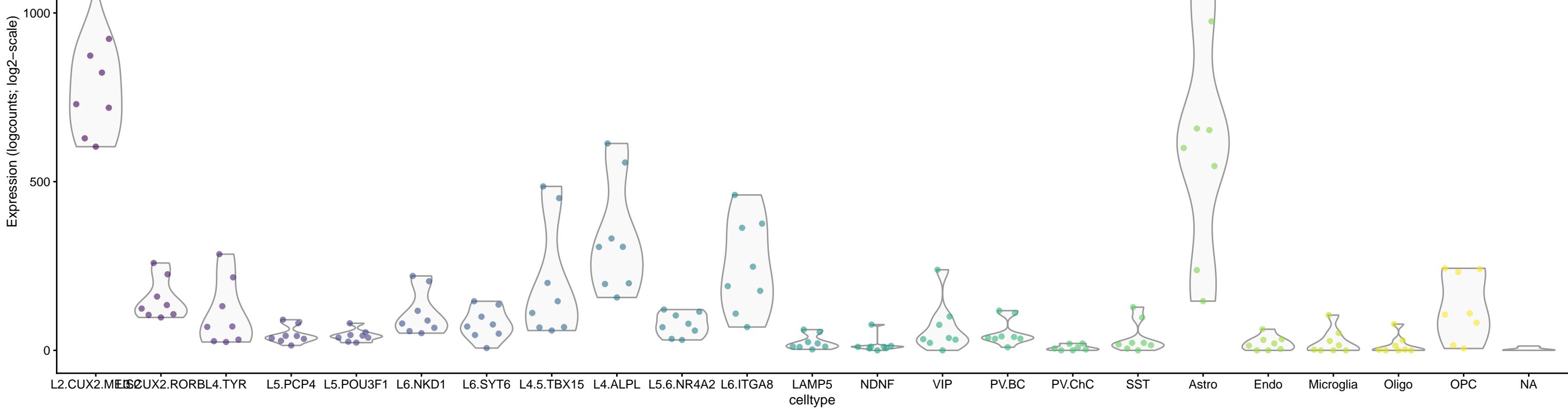
celltype: L6.NKD1, gene: MFAP4, peak:L6.NKD1_586_MFAP4,RNF1121

MFAP4



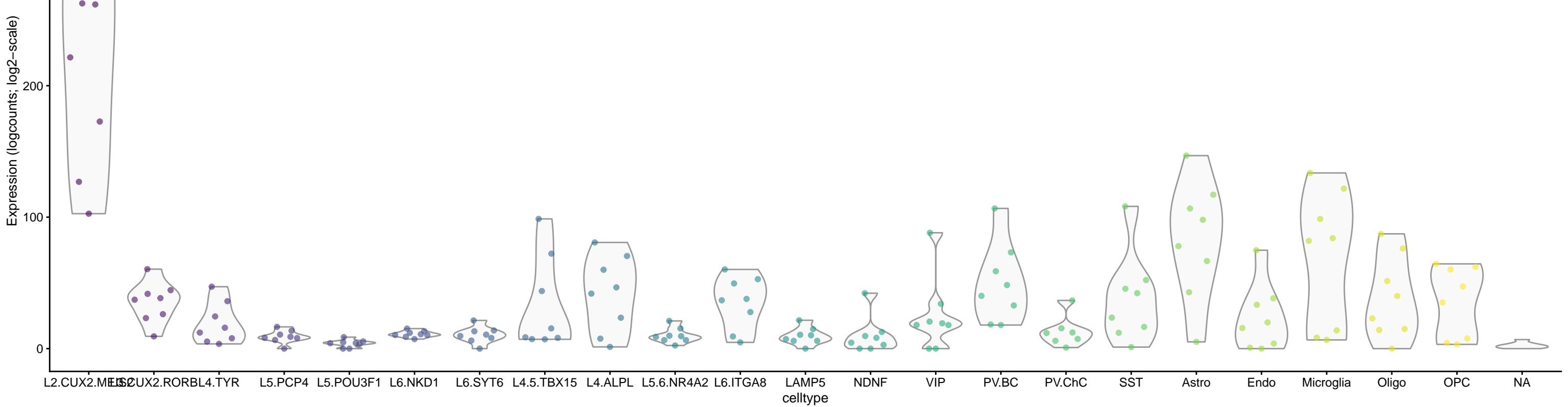
celltype: L6.NKD1, gene: RNF112, peak:L6.NKD1_586_MFAP4,RNF1122

RNF112



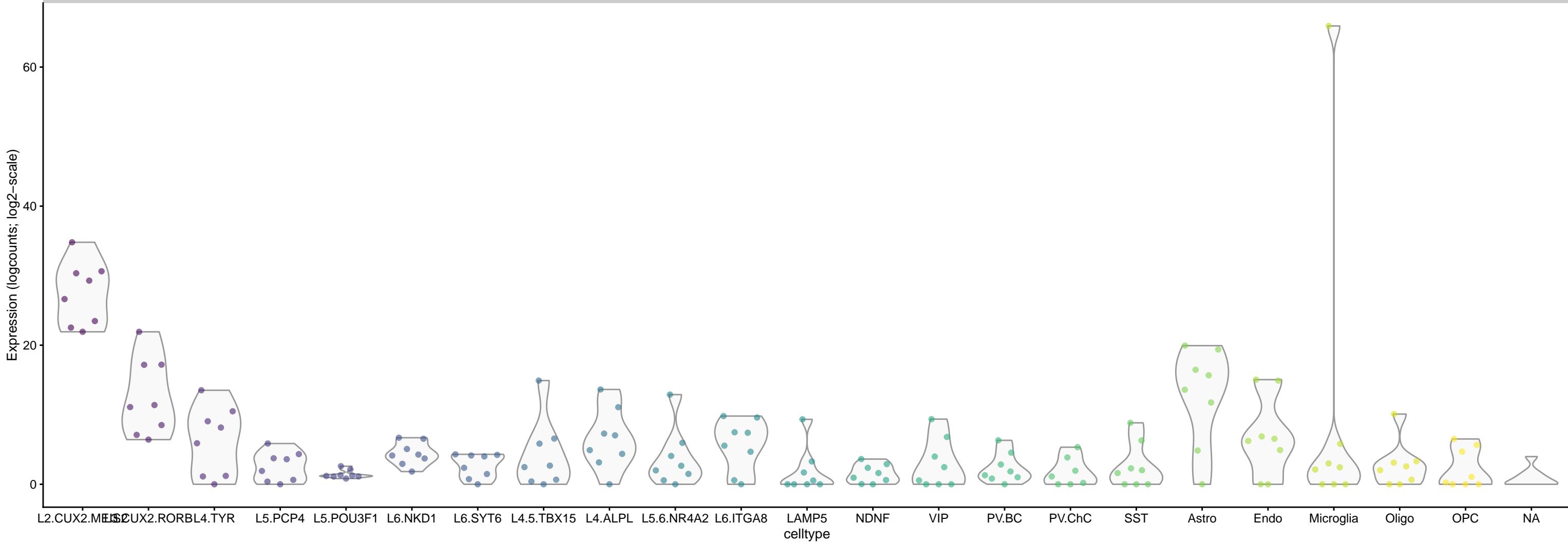
celltype: L6.NKD1, gene: PLPP5, peak:L6.NKD1_596_PLPP5

PLPP5



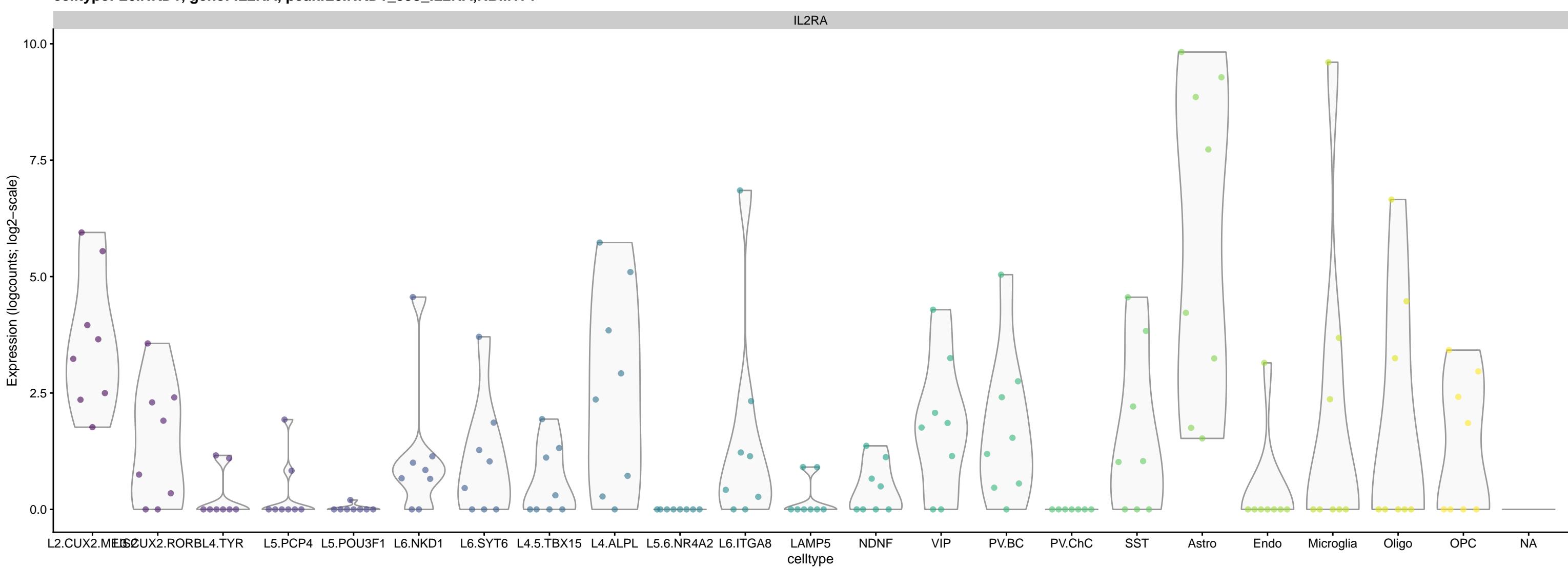
celltype: L6.NKD1, gene: SH3D21, peak:L6.NKD1_597_SH3D21

SH3D21



celltype: L6.NKD1, gene: IL2RA, peak:L6.NKD1_598_IL2RA,RBM171

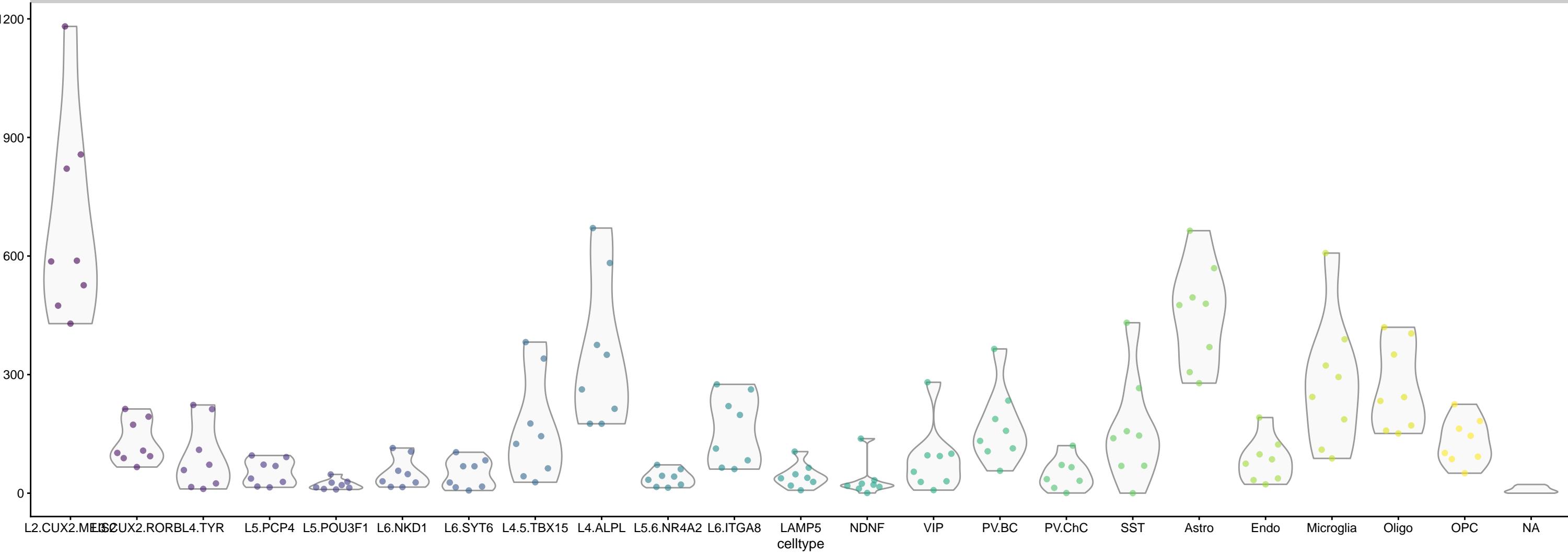
IL2RA



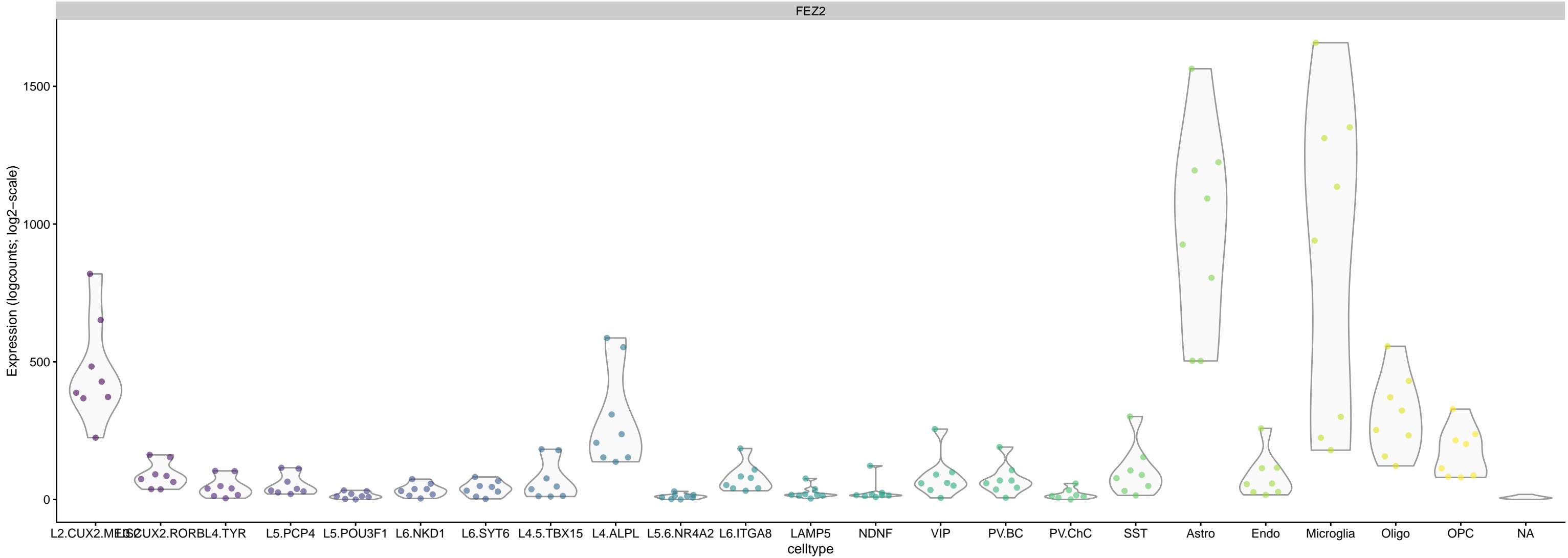
celltype: L6.NKD1, gene: RBM17, peak:L6.NKD1_598_IL2RA,RBM172

RBM17

Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: FEZ2, peak:L6.NKD1_604_FEZ2



celltype: L6.NKD1, gene: THSD1, peak:L6.NKD1_610_THSD1

THSD1

Expression (logcounts; log₂-scale)

600

400

200

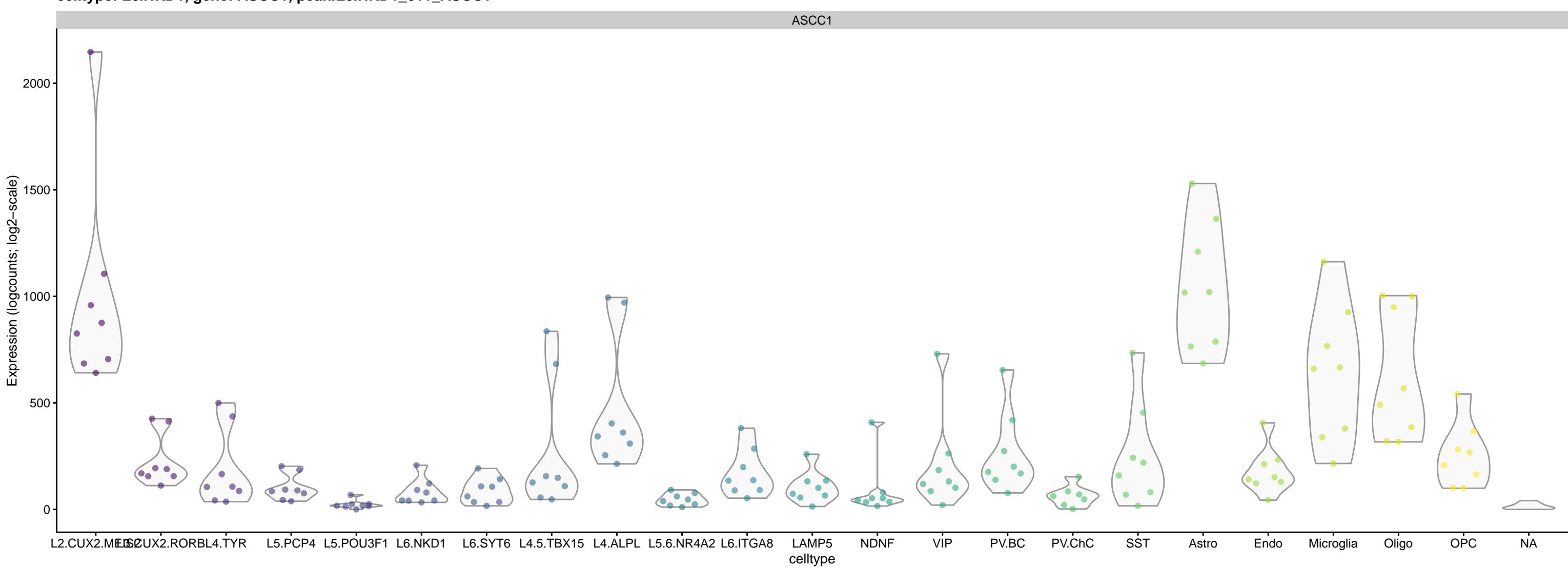
0

L2.CUX2.MES L5.CUX2.RORBL4.TYR L5.PCP4 L5.POU3F1 L6.NKD1 L6.SYT6 L4.5.TBX15 L4.ALPL L5.6.NR4A2 L6.ITGA8 LAMP5 NDNF VIP PV.BC PV.ChC SST Astro Endo Microglia Oligo OPC NA

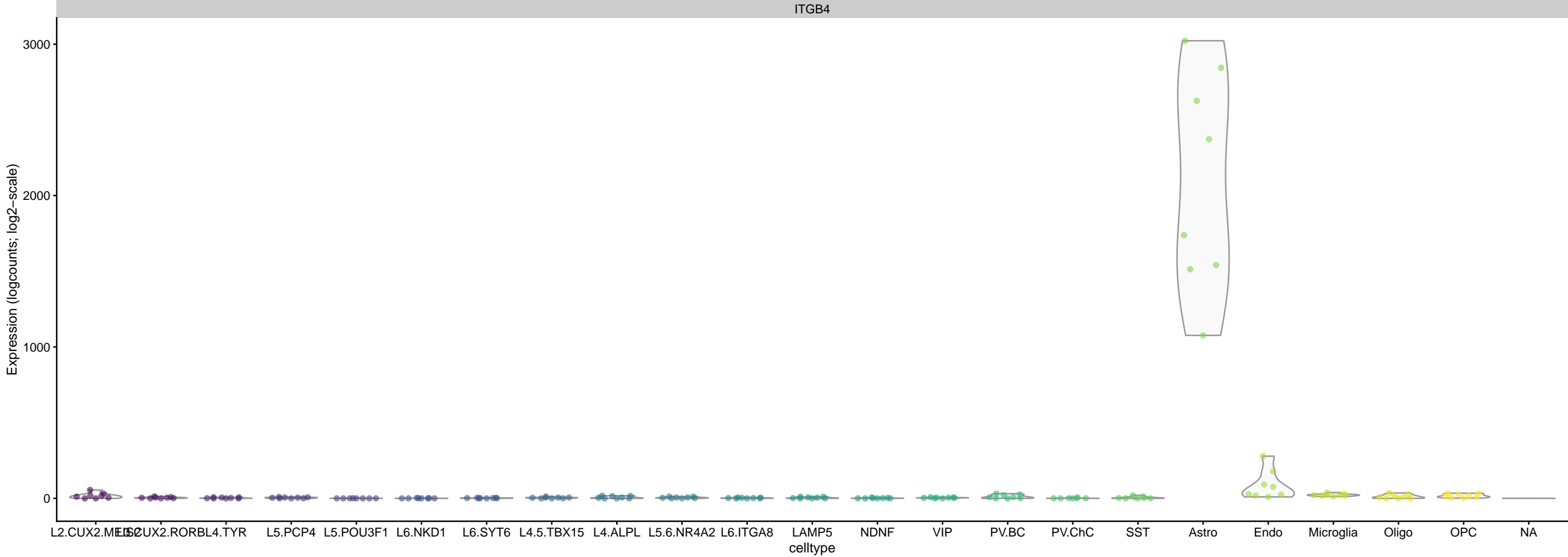
celltype

celltype: L6.NKD1, gene: ASCC1, peak:L6.NKD1_611_ASCC1

ASCC1



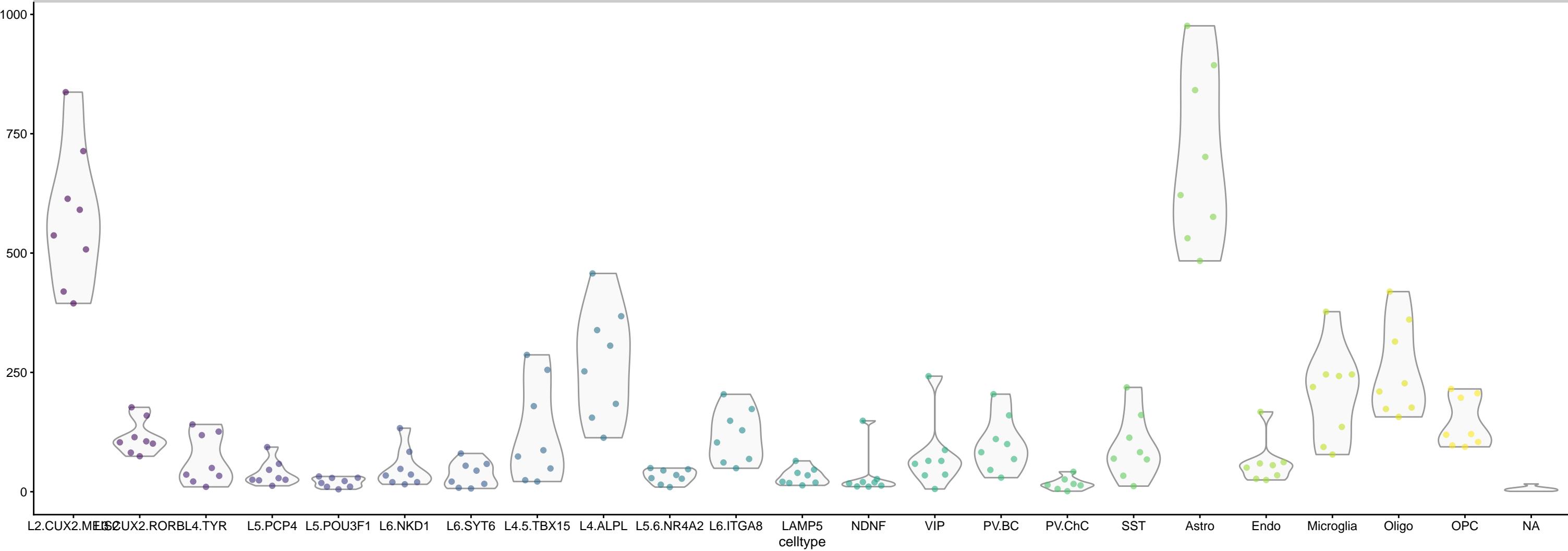
celltype: L6.NKD1, gene: ITGB4, peak:L6.NKD1_621_ITGB4,SAP30BP,UNK1



celltype: L6.NKD1, gene: SAP30BP, peak:L6.NKD1_621_ITGB4,SAP30BP,UNK2

SAP30BP

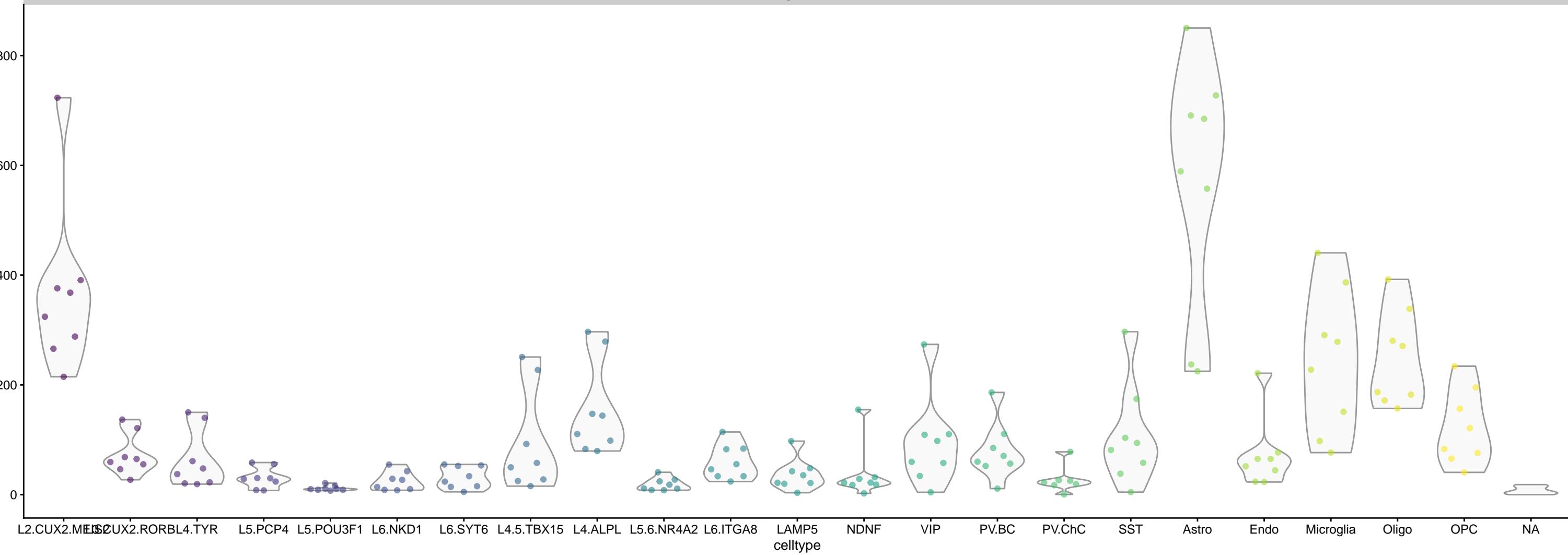
Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: UNK, peak:L6.NKD1_621_ITGB4,SAP30BP,UNK3

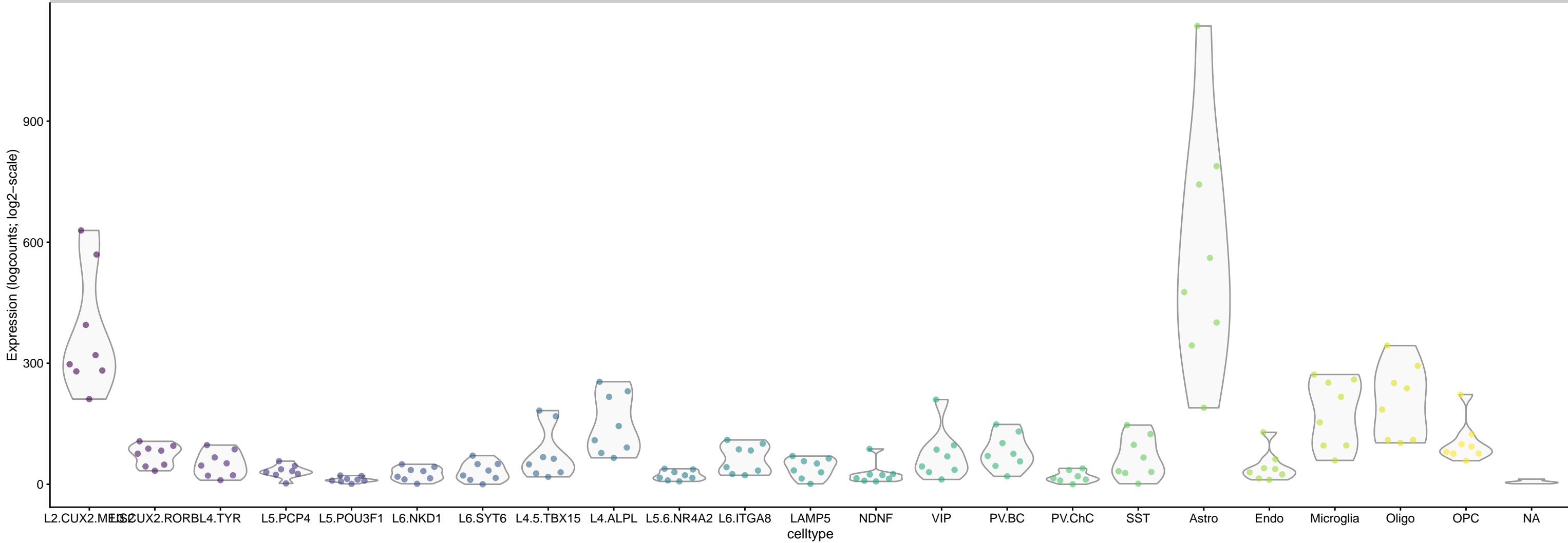
UNK

Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: FAM204A, peak:L6.NKD1_622_FAM204A

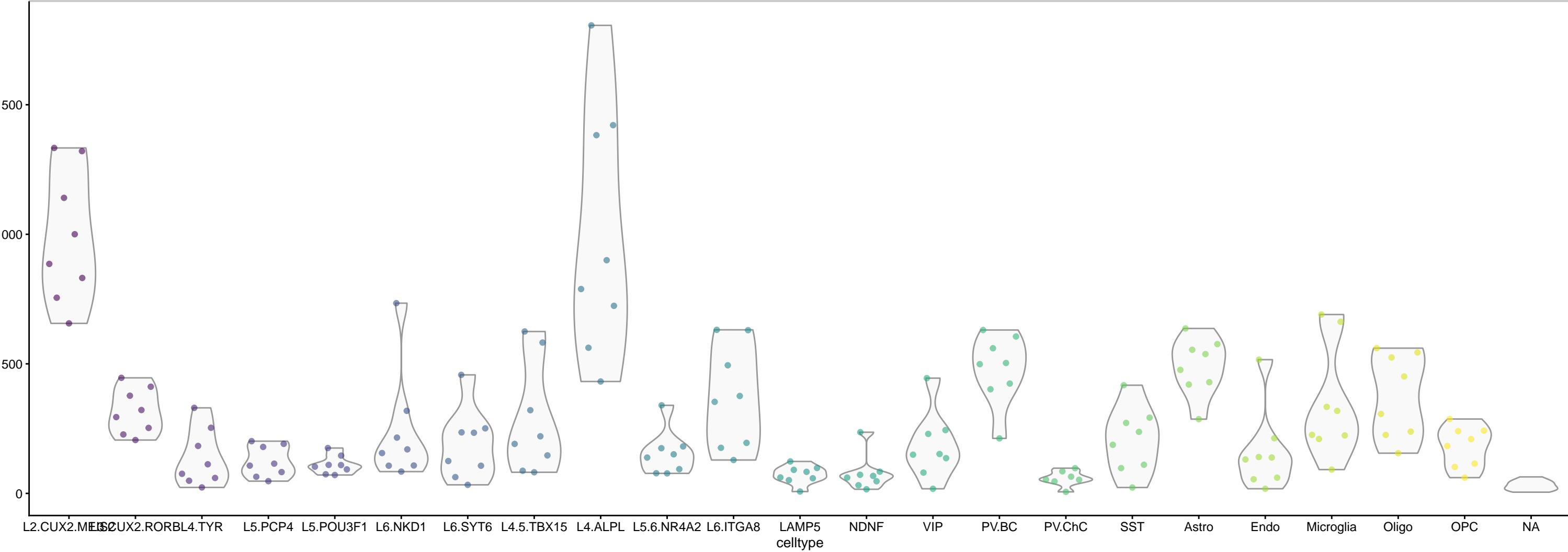
FAM204A



celltype: L6.NKD1, gene: CAST, peak:L6.NKD1_623_CAST,ERAP11

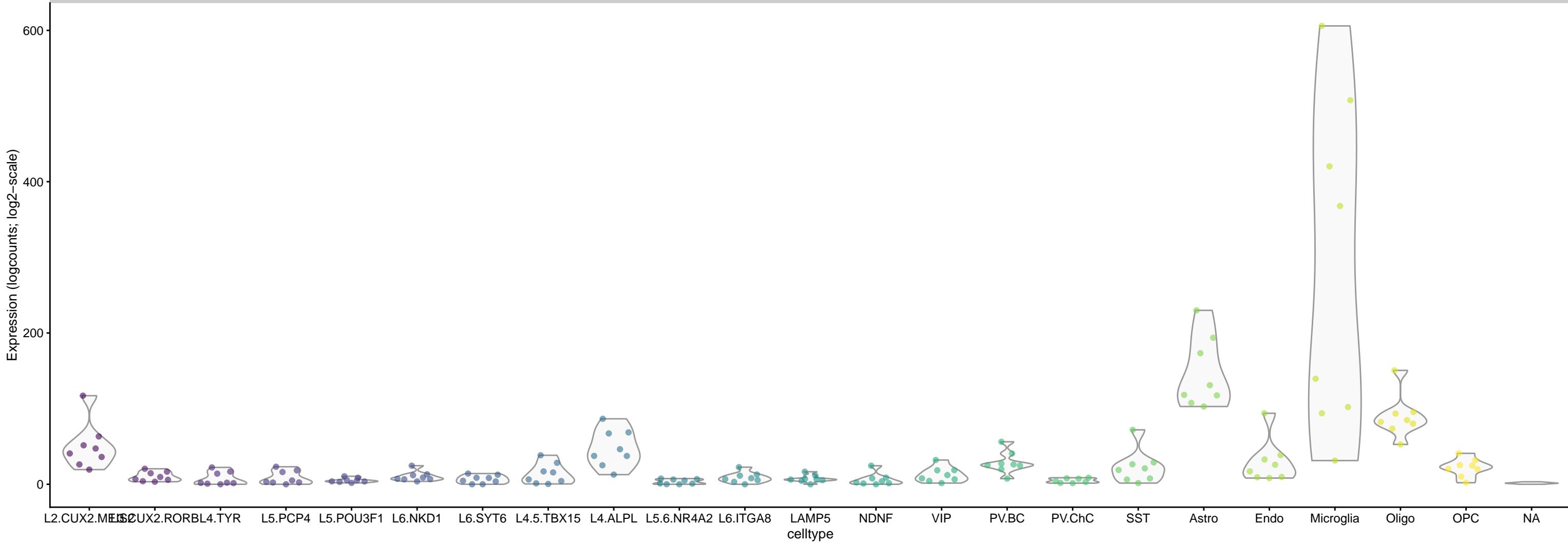
CAST

Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: ERAP1, peak:L6.NKD1_623_CAST,ERAP12

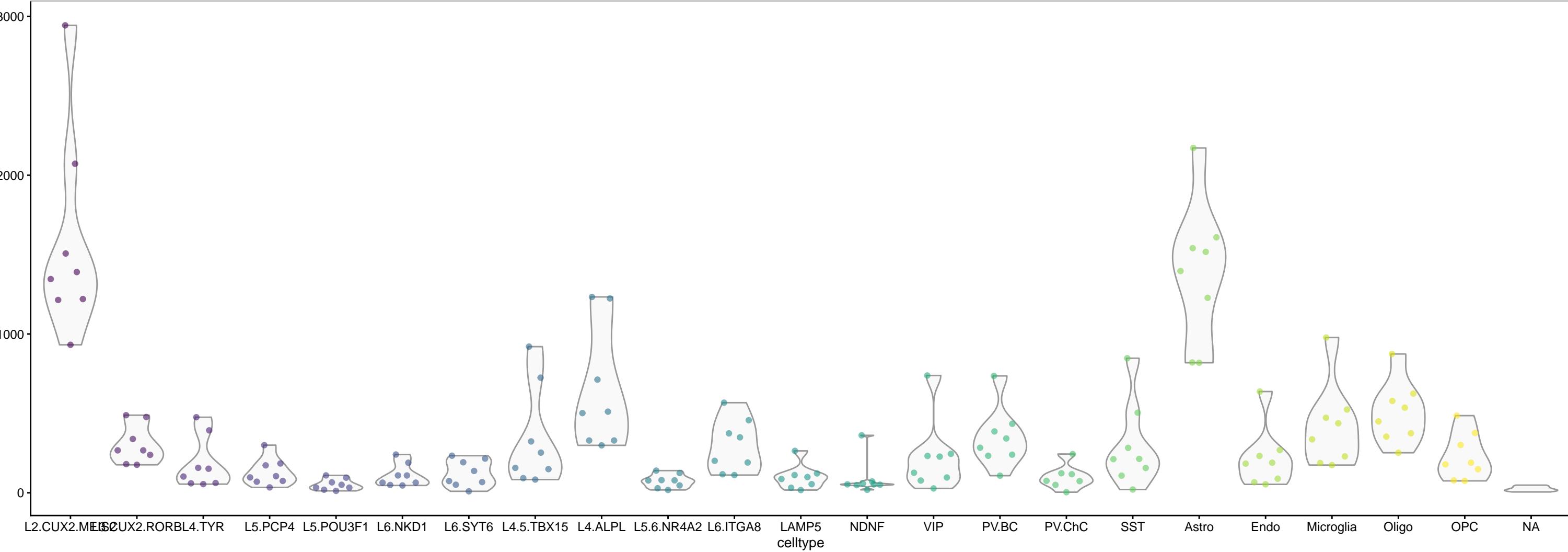
ERAP1



celltype: L6.NKD1, gene: TTC19, peak:L6.NKD1_625_TTC19,ZSWIM71

TTC19

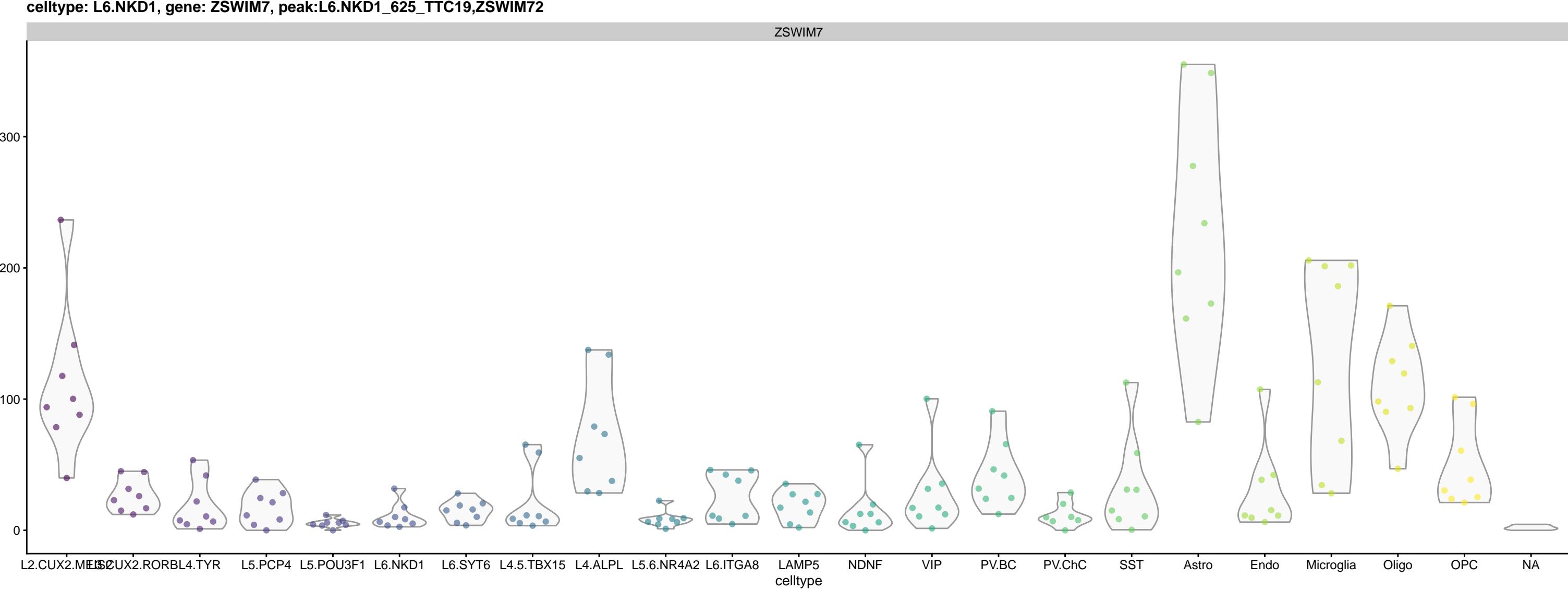
Expression (logcounts; log2-scale)



celltype: L6.NKD1, gene: ZSWIM7, peak:L6.NKD1_625_TTC19,ZSWIM72

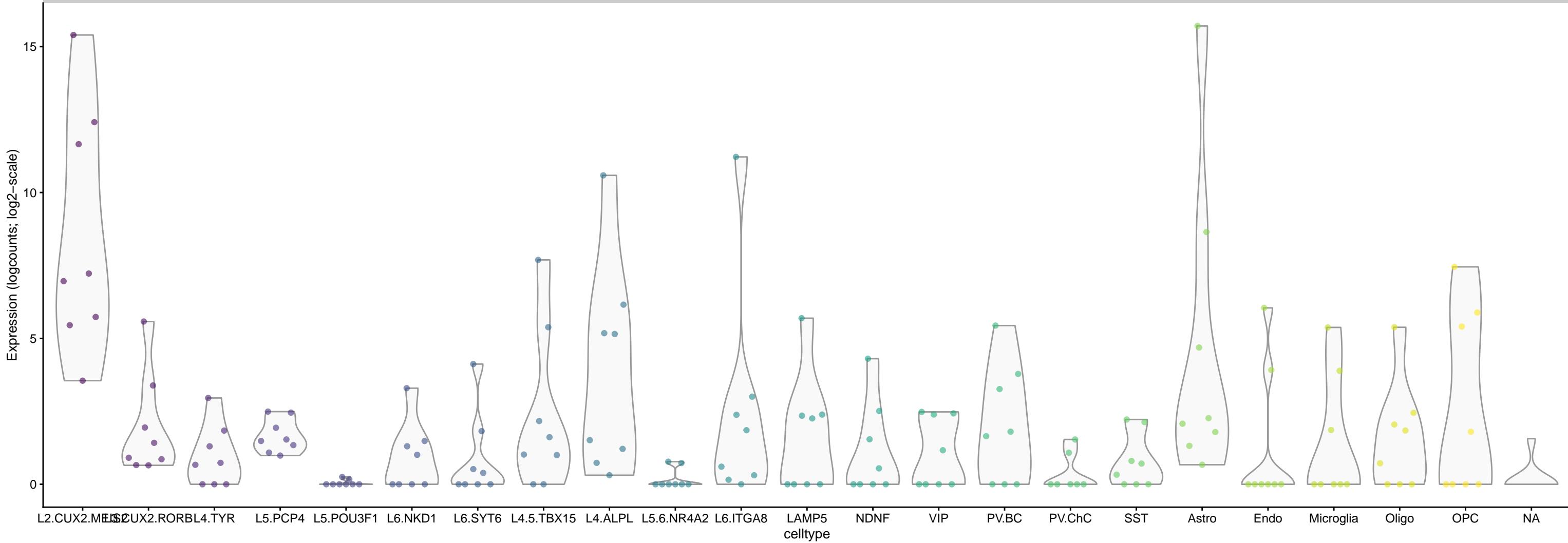
ZSWIM7

Expression (logcounts; log2-scale)



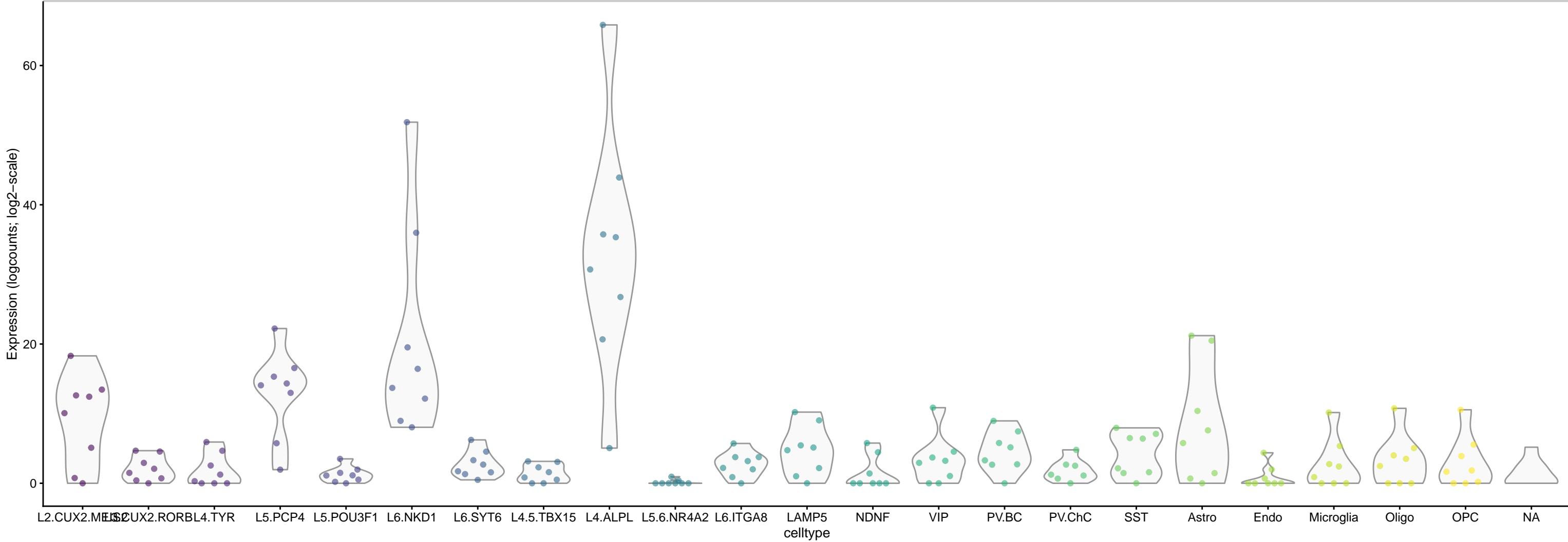
celltype: L6.NKD1, gene: TIGD3, peak:L6.NKD1_627_TIGD3

TIGD3



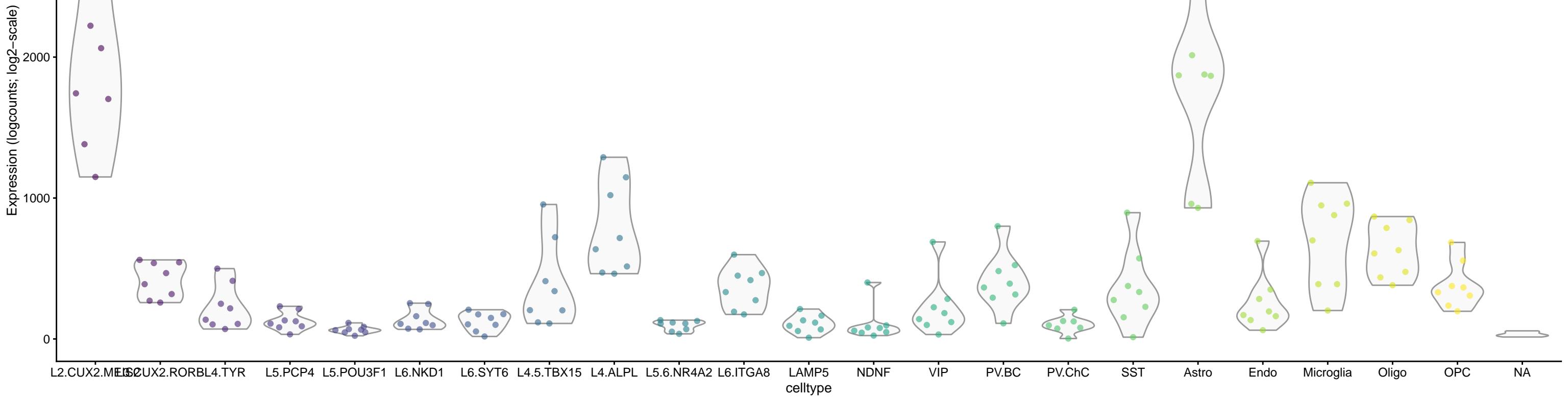
celltype: L6.NKD1, gene: CACNG5, peak:L6.NKD1_628_CACNG5

CACNG5



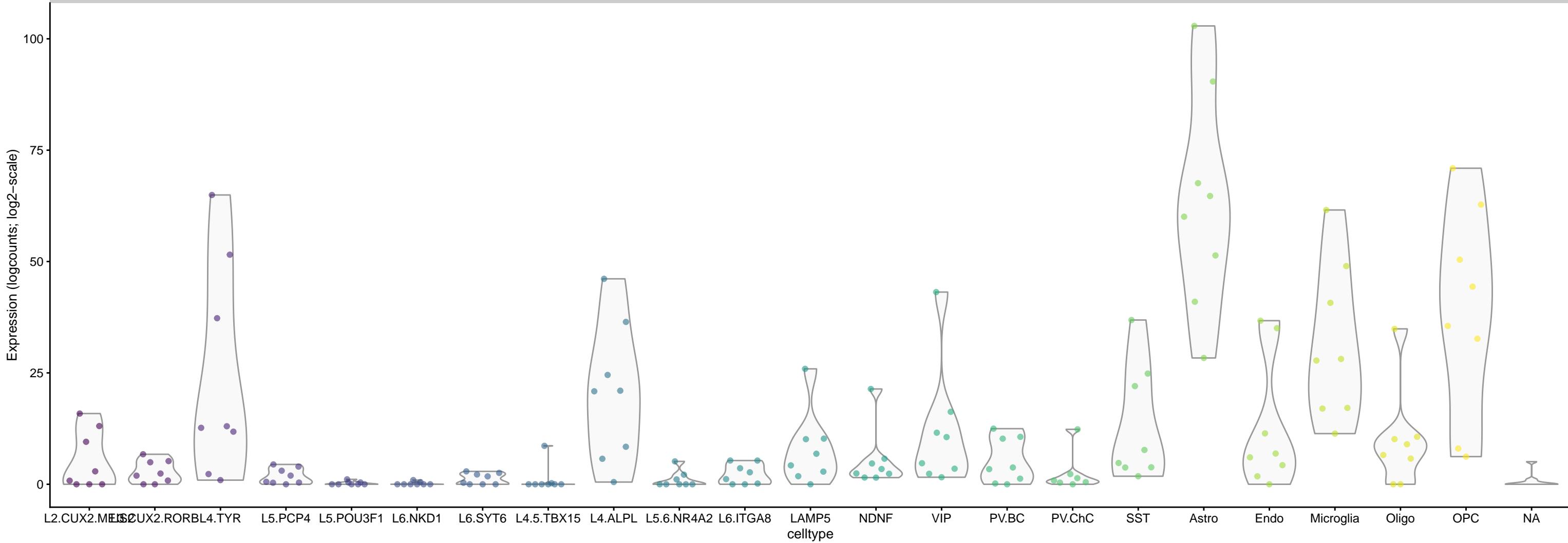
celltype: L6.NKD1, gene: THRAP3, peak:L6.NKD1_630_THRAP3

THRAP3



celltype: L6.NKD1, gene: NT5DC2, peak:L6.NKD1_641_NT5DC2

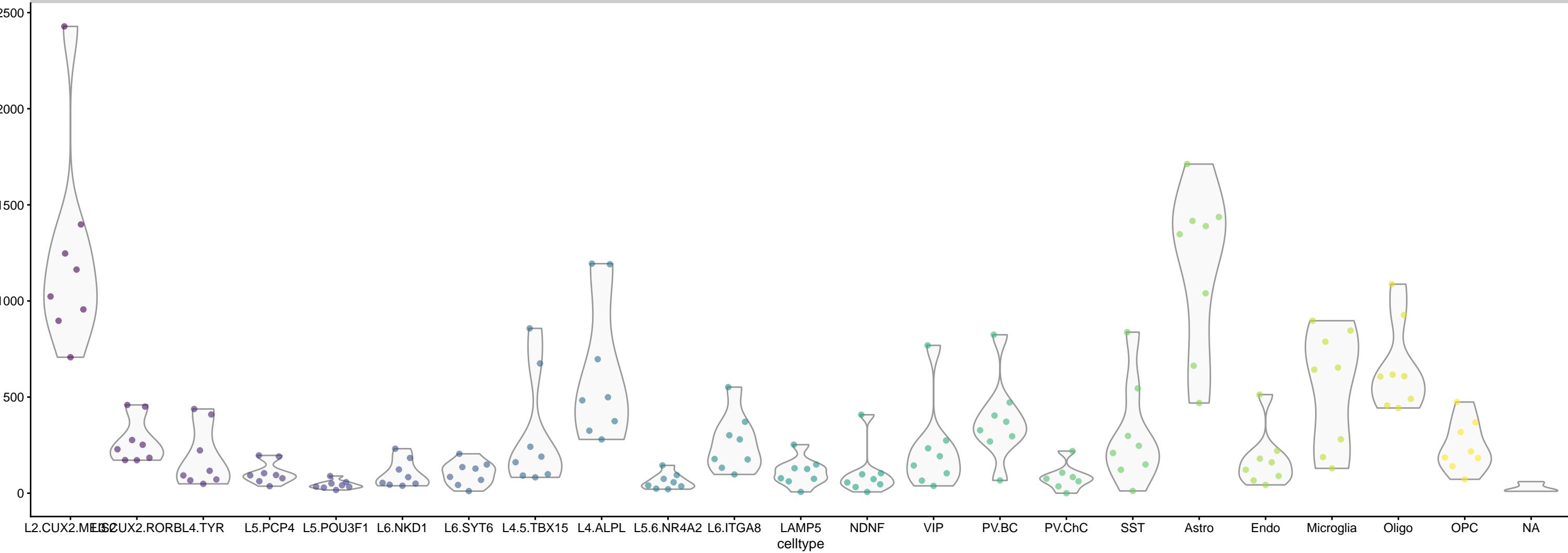
NT5DC2



celltype: L6.NKD1, gene: ARIH2, peak:L6.NKD1_642_ARIH2

ARIH2

Expression (logcounts; log₂-scale)



celltype: L6.NKD1, gene: RAI1, peak:L6.NKD1_643_RAI1

