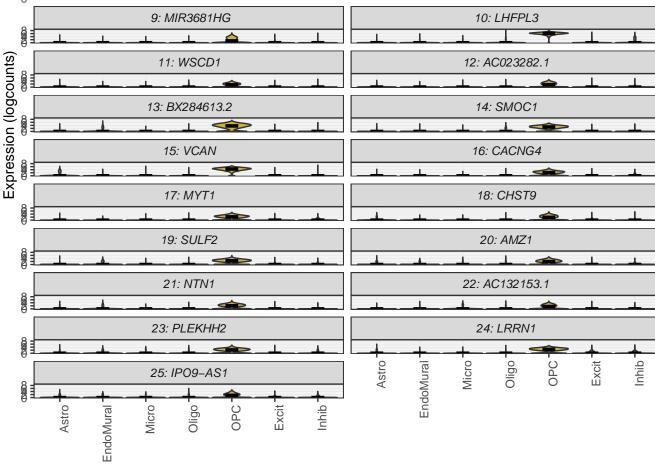
Astro Top 25 Markers 1: PRDM16 2: OBI1-AS1 3: PAMR1 4: RGS20 5: HPSE2 6: ADGRV1 7: BMPR1B 8: SLC25A18 9: ZNF98 10: FGFR3 Expression (logcounts) 11: LINC00299 12: RGMA 14: FAM189A2 13: AC002429.2 15: ACSBG1 16: LINC01748 17: SLC01C1 18: GLI3 19: STON2 20: RANBP3L 21: MRVI1 22: MROH7 23: SLC4A4 24: RFX4 Astro Micro Inhib Oligo Excit EndoMural OPC 25: KCNN3 Oligo Astro Micro OPC

EndoMural Top 25 Markers 1: CARMN 2: ITIH5 **7**:5**1** 3: NOTCH3 4: CLDN5 **7**:5**1** 5: ATP10A 6: MECOM **7**:**91** 7: EBF1 8: AC092957.1 **7 9 1** 9: ITGA1 10: VWF **7**:**91** Expression (logcounts) 11: ABCG2 12: FLT1 13: FN1 14: SLC2A1 **3**:**91** 16: SLC19A1 15: ADGRF5 17: COBLL1 18: PODXL **7**:5**1** 19: RGS5 20: IFITM3 **7**:5 **1** 21: DCN 22: SYNE2 **7**:5**1** 23: SLC7A5 24: ABCB1 **7**:5**1** Astro -Micro Inhib Oligo Excit OPC EndoMural 25: RNF152 Z:51 Astro -Inhib Micro Oligo OPC Excit EndoMural

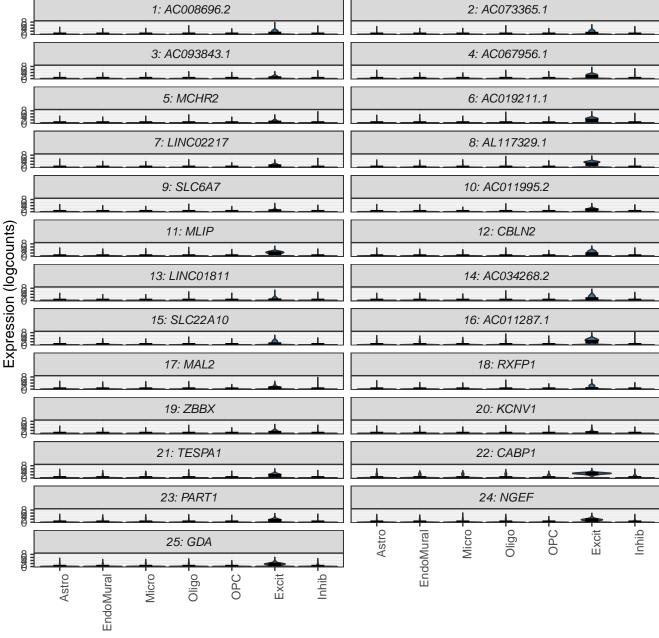
Micro Top 25 Markers 2: ITGAX 1: LINC02712 3: BLNK 4: LNCAROD 5: CSF2RA 6: CX3CR1 7: RGS10 8: C3 9: LINC01374 10: TBXAS1 Expression (logcounts) 11: RBM47 12: APBB1IP 13: SAMSN1 14: ADAM28 15: LINC01141 16: SYK 17: LY86 18: FYB1 19: DOCK8 20: PIK3AP1 21: AC008691.1 22: IKZF1 23: DOCK2 24: PIK3R5 Astro Inhib Micro Oligo Excit OPC EndoMural 25: P2RY12 Astro Oligo Excit Micro OPC

Oligo Top 25 Markers 1: FOLH1 2: CD22 3: LINC01608 4: SLC5A11 6: MAG 5: AC012494.1 7: ANLN 8: MYRF 9: MOG 10: LDB3 Expression (logcounts) 11: ST18 12: OPALIN 13: CNDP1 14: CLDN11 15: ENPP2 16: PIEZO2 17: CERCAM 18: ERMN 19: MOBP 20: ASPA 21: SLC7A14-AS1 22: TF 23: LINC01630 24: CDK18 Astro Inhib Micro Oligo Excit EndoMural OPC 25: AC008571.2 Astro Micro OPC Oligo

OPC Top 25 Markers 1: AC004852.2 2: FERMT1 3: COL9A1 4: PDGFRA 5: MEGF11 6: STK32A 7: AL512308.1 8: PLPP4 9: MIR3681HG 10: LHFPL3 11: WSCD1 12: AC023282.1 13: BX284613.2 14: SMOC1 16: CACNG4 15: VCAN 17: MYT1 18: CHST9 19: SULF2 20: AMZ1 21: NTN1 22: AC132153.1 23: PLEKHH2 24: LRRN1 Astro Inhib Micro Excit OPC 25: IPO9-AS1



Excit Top 25 Markers 1: AC008



Inhib Top 25 Markers 1: MYO3B 2: SLC27A6 3: GAD2 4: LYPD6B 5: RELN 6: GRIP2 7: BTBD11 8: KIT 9: MINAR1 10: ANK1 Expression (logcounts) 11: CHRM2 12: GRIN3A 13: PWRN4 14: AL033504.1 15: SAMD5 16: CACNA2D2 17: ANKRD55 18: GREM2 19: SPHKAP 20: FBN2 21: IGSF3 22: GALNT14 23: SYNPR 24: AFF2 Astro Inhib Micro Oligo Excit EndoMural OPC 25: KCNIP2 Astro Oligo OPC