

NPAS4: ENSG00000174576.8 p=2.05e-06 4 -Residualized Expression Dx Control Bipolar MDD 0 --2 **-**Bipolar MDD Control Dx

RP11-281A20.2: ENSG00000228512.2 p=2.11e-06 4.0 -Residualized Expression Dx Control Bipolar MDD 2.5 -2.0 -Bipolar MDD Control Dx

SNRNP200: ENSG00000144028.14 p=4.98e-06 4.7 -4.6 -4.5 **-**Dx Control Bipolar MDD 4.3 **-**4.2 -4.1 -

Bipolar

Dx

MDD

Control

Residualized Expression

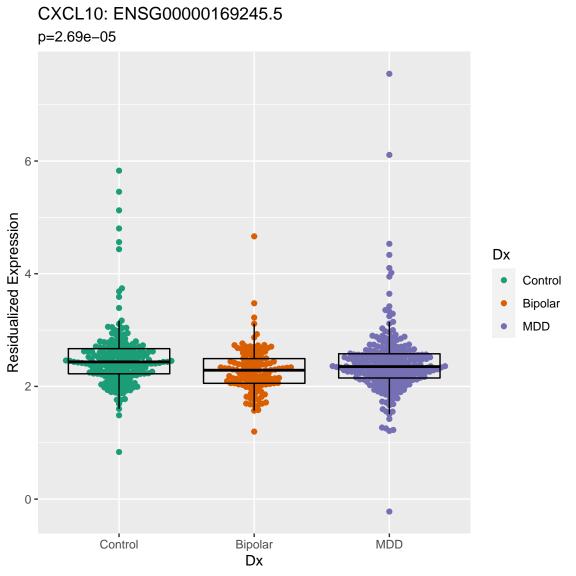
FOS: ENSG00000170345.9 p=6.51e-06 8 -Residualized Expression Dx Control Bipolar MDD 4 -Bipolar Dx MDD Control

MLLT3: ENSG00000171843.15 p=7.03e-06 2.8 -2.6 -Residualized Expression Dx Control Bipolar 2.4 - MDD 2.2 -Bipolar Control MDD Dx

RPS13: ENSG00000110700.6 p=1.78e-05 6.2 -Residualized Expression Dx Control Bipolar MDD 5.8 **-**5.6 **-**Bipolar Control MDD Dx

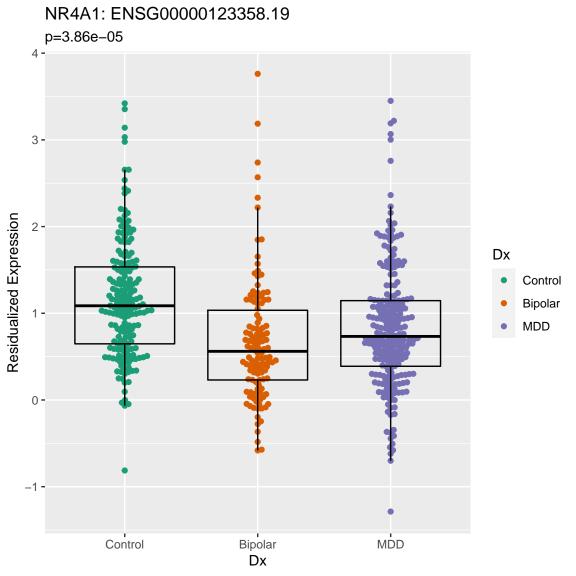
RP11-120K24.4: ENSG00000269356.1 p=2.24e-05 3.0 -Residualized Expression Dx 2.5 -Control Bipolar MDD 2.0 -1.5 -Bipolar Control MDD Dx

SIN3A: ENSG00000169375.15 p=2.35e-05 2.8 -Residualized Expression Dx Control Bipolar MDD 2.6 -2.4 -Bipolar Control MDD Dx



PPP4C: ENSG00000149923.13 p=2.9e-05 3.00 -Residualized Expression 5.25.5 Dx Control Bipolar MDD 2.25 **-**2.00 -MDD Control . Bipolar Dx

ATP6V1F: ENSG00000128524.4 p=3.48e-05 6.75 -Residualized Expression Dx Control Bipolar MDD 6.00 -MDD Control . Bipolar Dх



FUS: ENSG00000089280.18 p=5.48e-05 5.2 **-**5.0 -Residualized Expression Dx Control Bipolar 4.8 **-** MDD 4.6 -Bipolar MDD Control Dx

CRELD1: ENSG00000163703.17 p=6.34e-05 3.75 **-**Residualized Expression 3.50 **-**Dx Control Bipolar MDD 3.25 **-**3.00 -Bipolar Dx MDD Control

MAX: ENSG00000125952.18 p=6.79e-05 3.8 -Residualized Expression Dx Control Bipolar MDD 3.2 -Bipolar Control MDD Dx

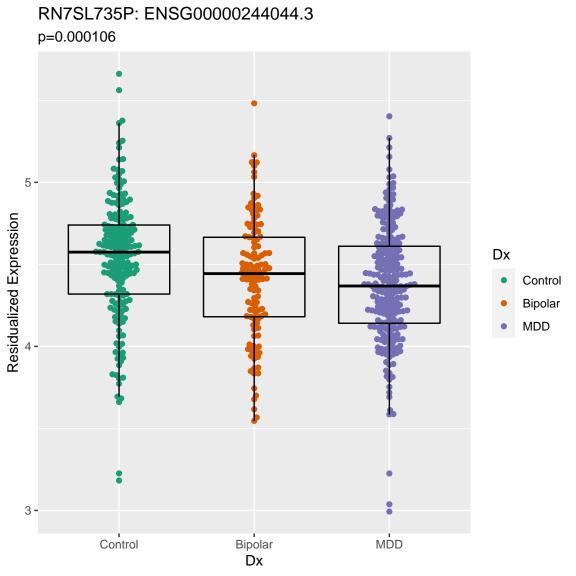
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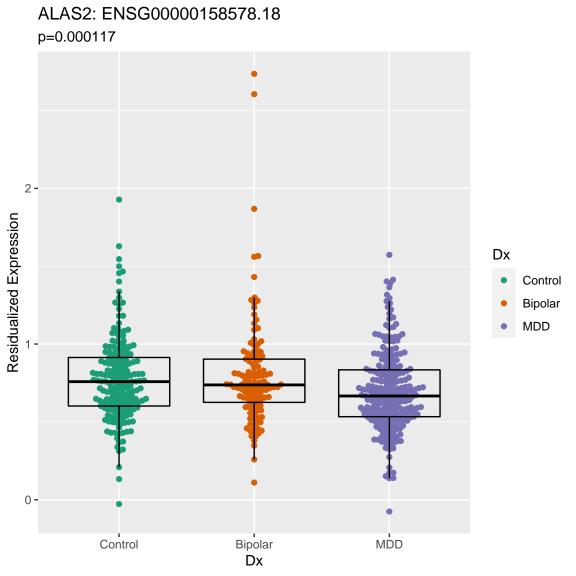
EIF4A1: ENSG00000161960.14 p=6.92e-05 2.8 -Residualized Expression Dx Control Bipolar MDD 2.0 -Bipolar Control MDD Dx

SLTM: ENSG00000137776.16 p=9.32e-05 4.6 -4.5 -Residualized Expression Dx Control Bipolar 4.3 **-**MDD 4.2 -4.1 -Bipolar MDD Control Dx

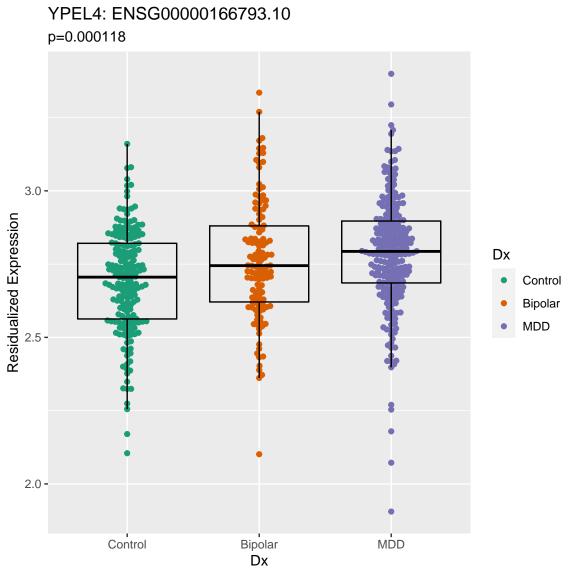
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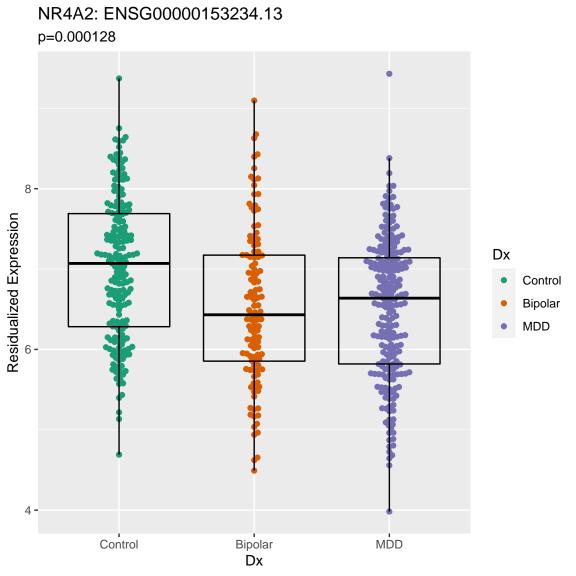
CBX1: ENSG00000108468.14 p=0.000105 4.8 -Residualized Expression Dx Control Bipolar MDD 4.2 **-**Bipolar Control MDD Dx

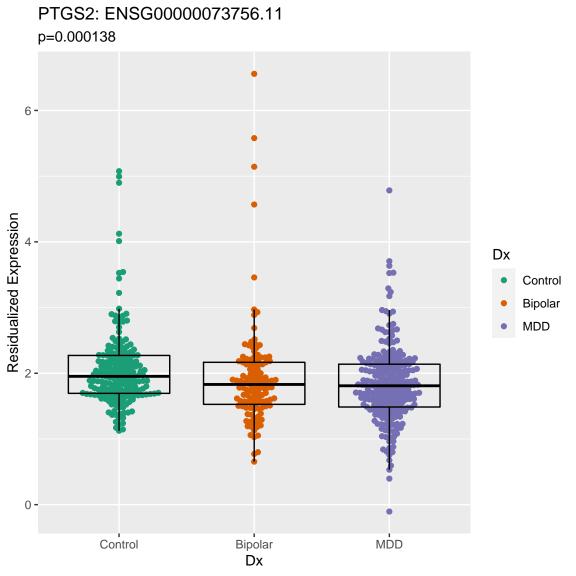




KHK: ENSG00000138030.12 p=0.000117 1.8 -1.5 -Residualized Expression Dx Control Bipolar 1.2 **-** MDD 0.9 -Bipolar MDD Control Dx

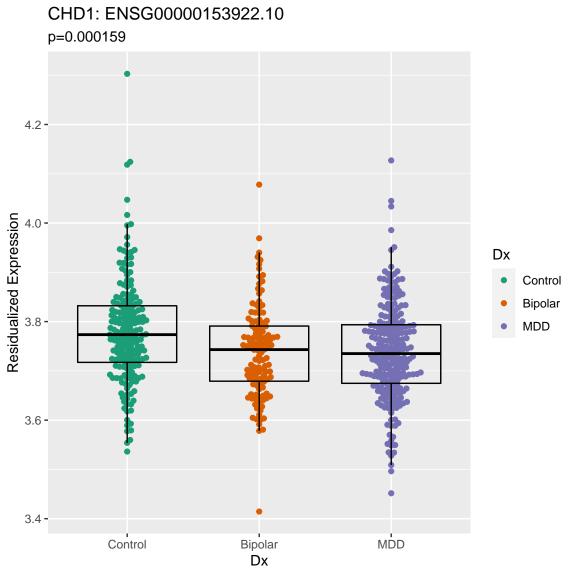


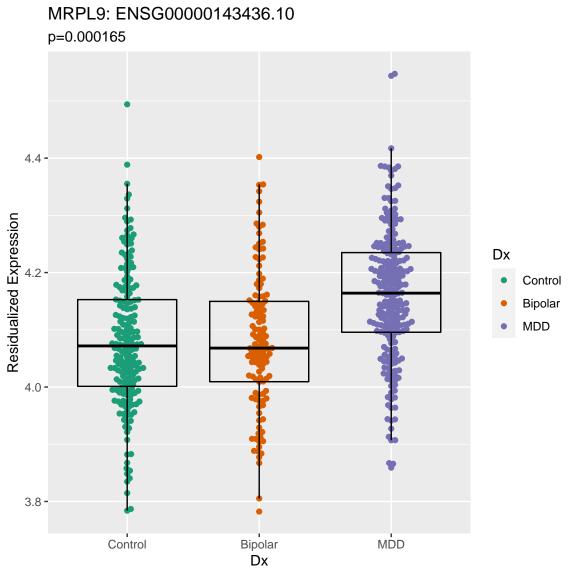




FAM3A: ENSG00000071889.16 p=0.000153 2.8 -Residualized Expression Dx 2.6 -Control Bipolar MDD 2.4 -2.2 -Bipolar Control MDD Dx

RP11-214K3.23: ENSG00000270130.1 p=0.000158 5.5 **-**Residualized Expression Dx 5.0 -Control Bipolar MDD 4.5 **-**4.0 -Bipolar Control MDD Dx

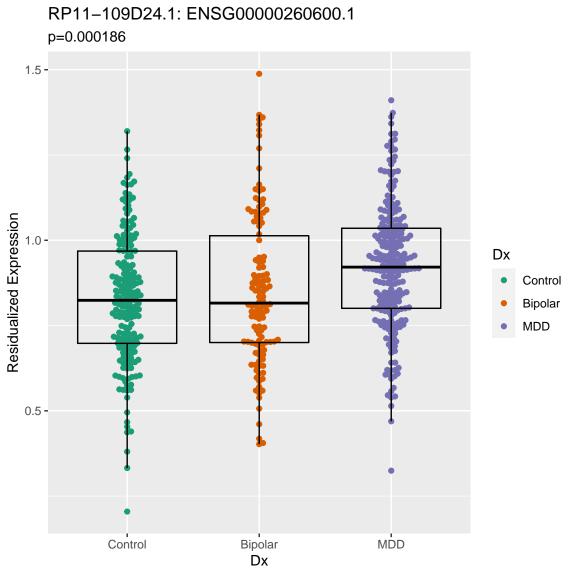


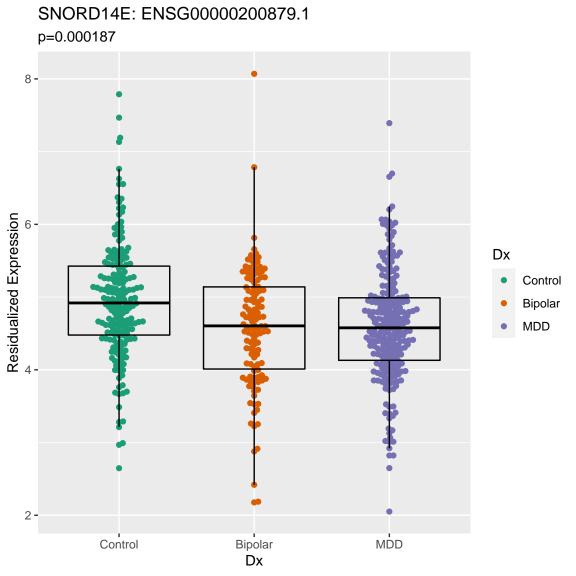


ATXN10: ENSG00000130638.15 p=0.000166 5.8 **-**Residualized Expression 5.7 **-**Dx Control Bipolar 5.6 **-** MDD 5.5 -5.4 **-**Bipolar Control MDD Dx

RP11-1134I14.8: ENSG00000255366.1 p=0.00017 2.50 -2.25 -Residualized Expression Dx 2.00 -Control Bipolar MDD 1.75 **-**1.50 -1.25 **-**Control MDD . Bipolar Dx

MCM3: ENSG00000112118.17 p=0.000176 3.00 -Residualized Expression Dx Control 2.75 **-**Bipolar MDD 2.50 -Bipolar Dx MDD Control





CPSF3: ENSG00000119203.13 p=0.000194 3.7 -3.6 -Residualized Expression Dx Control Bipolar MDD 3.2 -3.1 -Bipolar Control MDD Dx

REXO4: ENSG00000148300.11 p=0.000197 3.50 -3.25 -Residualized Expression Dx Control 3.00 -Bipolar MDD 2.75 **-**2.50 -Bipolar Control MDD Dx

PRPF4B: ENSG00000112739.16 p=0.000211 4.4 -Residualized Expression Dx Control Bipolar MDD 4.0 -3.8 -Bipolar Control MDD Dx

SRSF1: ENSG00000136450.12 p=0.000221 6.0 -5.9 -Residualized Expression 5.8 **-**Dx Control Bipolar MDD 5.7 -5.6 -5.5 **-**Bipolar Control MDD Dx

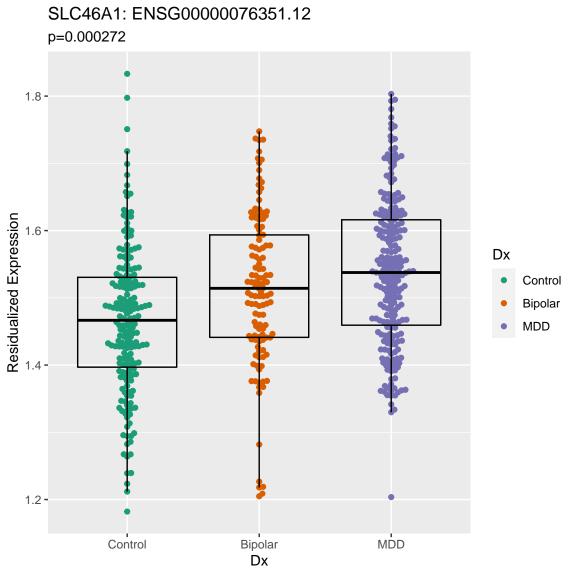
PROM2: ENSG00000155066.15 p=0.000222 2.25 **-**2.00 -Residualized Expression Dx 1.75 **-**Control Bipolar MDD 1.50 -1.25 -Control Bipolar Dx MDD

TRA2B: ENSG00000136527.17 p=0.000248 Residualized Expression Dx Control Bipolar MDD 4.0 -Bipolar MDD Control Dx

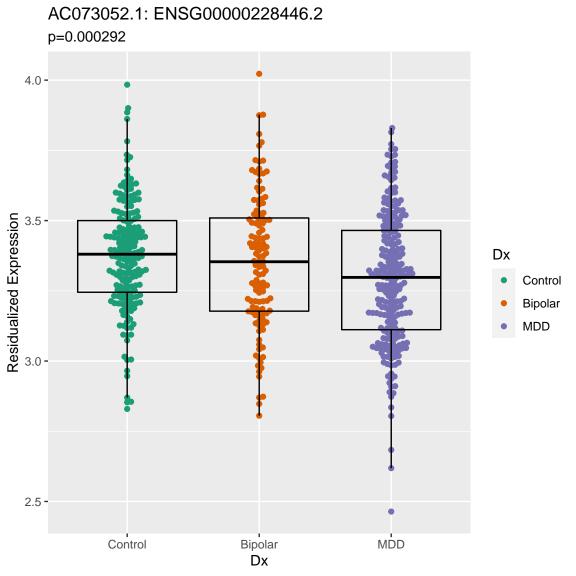
C15orf40: ENSG00000169609.13 p=0.00026 2.00 -Residualized Expression Dx Control 1.75 -Bipolar MDD 1.50 -1.25 **-**Bipolar Dx Control MDD

CLK1: ENSG00000013441.15 p=0.000269 7.5 **-**7.0 -Residualized Expression Dx Control 6.5 **-**Bipolar MDD 6.0 -5.5 **-**Bipolar MDD Control Dx

SETD2: ENSG00000181555.19 p=0.000269 4.8 -Residualized Expression Dx Control 4.6 **-**Bipolar MDD 4.4 -Bipolar Control MDD Dx



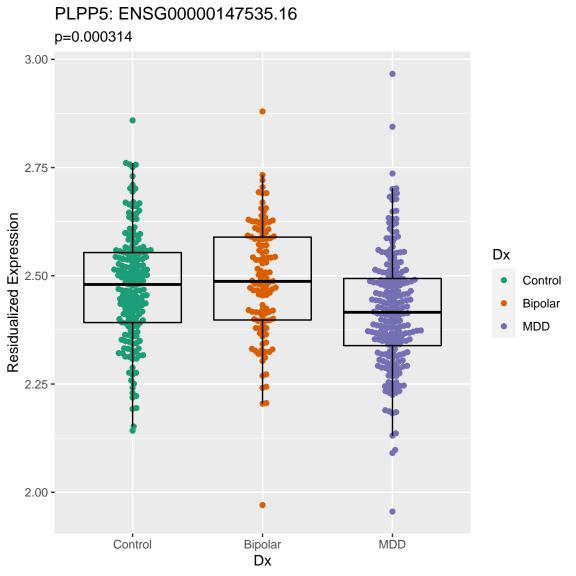
JUNB: ENSG00000171223.5 p=0.000288 6 -Residualized Expression Dx Control Bipolar MDD 3 **-**2 -Bipolar Dx Control MDD



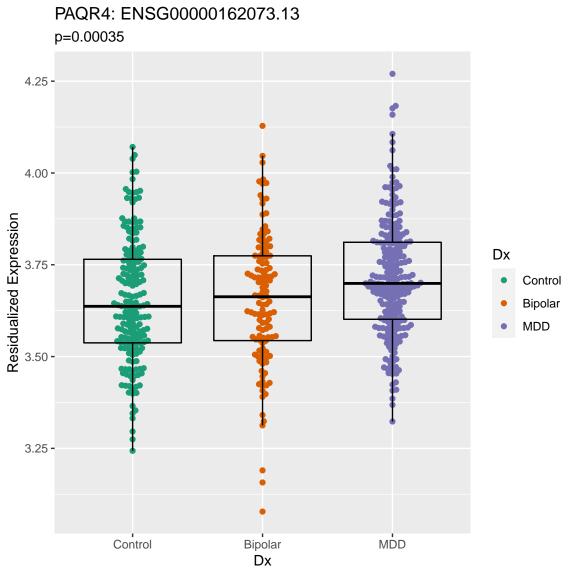
RP11-274A11.4: ENSG00000279841.1 p=0.000295 2.75 -2.50 -Residualized Expression Dx Control 2.25 **-**Bipolar MDD 2.00 -1.75 -MDD Control . Bipolar Dх

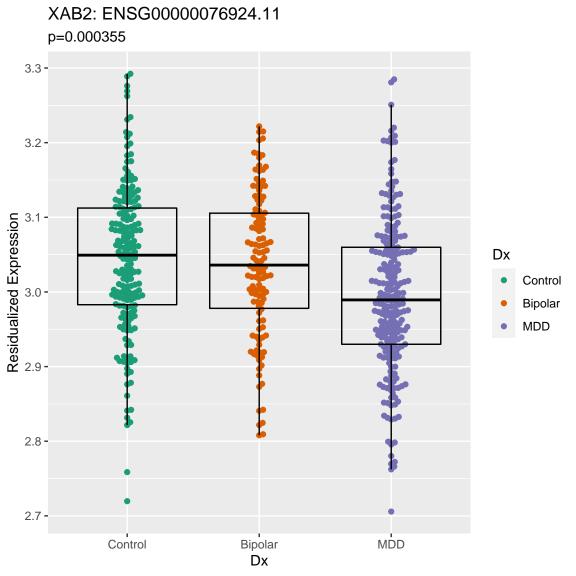
RP11-604N13.1: ENSG00000279462.1 p=0.000309 1.5 -Residualized Expression Dx Control Bipolar MDD 1.0 -0.5 -Bipolar Control MDD Dx

CTBP2P8: ENSG00000234383.1 p=0.000312 3.2 -2.8 -Residualized Expression Dx Control Bipolar 2.4 **-** MDD 2.0 -Bipolar MDD Control Dx



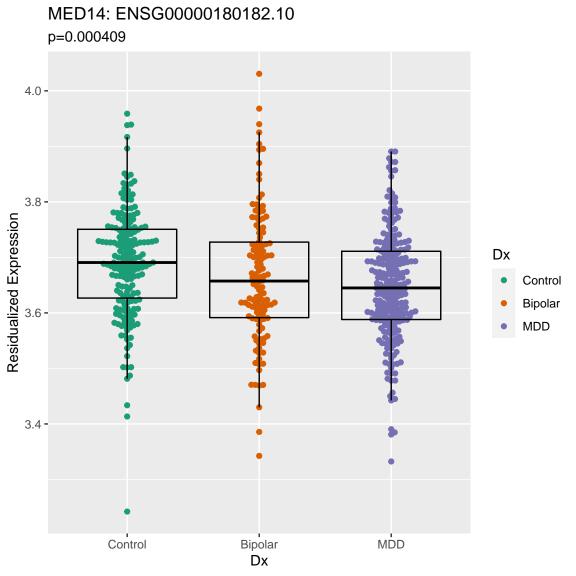
GALC: ENSG00000054983.16 p=0.000323 3.6 -Residualized Expression Dx Control Bipolar 3.4 - MDD 3.2 -Bipolar Control MDD Dx





SBDSP1: ENSG00000225648.5 p=0.000399 5.2 **-**4.8 -Residualized Expression Dx Control Bipolar MDD 4.0 -Bipolar MDD Control Dx

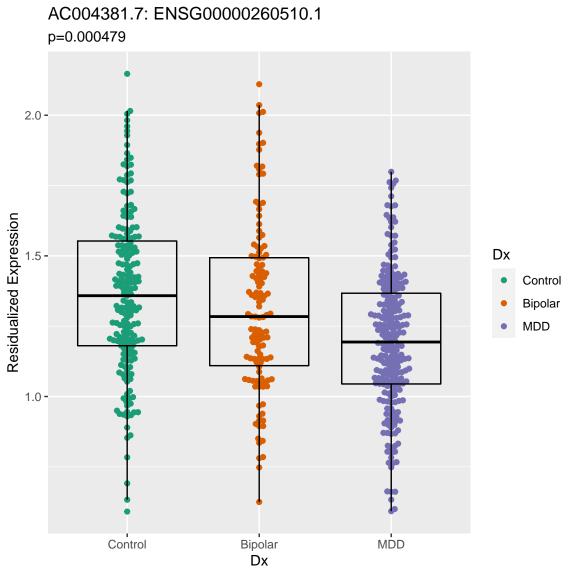
FIRRE: ENSG00000213468.4 p=0.000405 2.00 -1.75 -Residualized Expression Dx Control 1.50 **-**Bipolar MDD 1.25 **-**1.00 -Bipolar Dx MDD Control



METTL3: ENSG00000165819.11 p=0.00042 4.25 -4.00 -Residualized Expression Dx Control 3.75 **-**Bipolar MDD 3.50 -3.25 **-**Control MDD . Bipolar Dx

CAPN5: ENSG00000149260.15 p=0.000438 2.0 -Residualized Expression Dx Control 1.6 -Bipolar MDD 1.2 -Bipolar Control MDD Dx

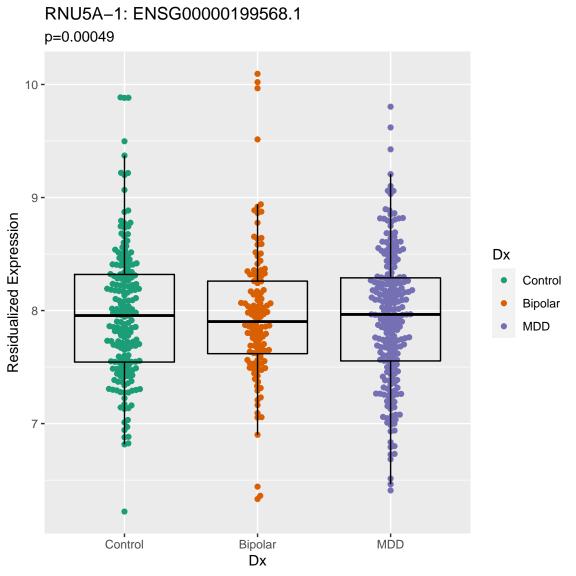
PTPN20: ENSG00000204179.10 p=0.000455 3.0 -Residualized Expression Dx Control Bipolar MDD 1.5 **-**Control Bipolar MDD Dx



ITPR1-AS1: ENSG00000231249.1 p=0.000479 1.5 **-**Residualized Expression Dx 1.0 -Control Bipolar MDD 0.5 -0.0 -Control Bipolar MDD Dx

DBNDD1: ENSG00000003249.13 p=0.000482 3 -Residualized Expression Dx Control Bipolar MDD 0 -Bipolar Control MDD Dx

CDC37L1-AS1: ENSG00000273061.1 p=0.000482 3.0 -Residualized Expression Dx Control Bipolar 2.5 - MDD 2.0 -Bipolar Control MDD Dx



FBXO9: ENSG00000112146.16 p=0.000492 4.2 **-**4.0 -Residualized Expression Dx Control 3.8 -Bipolar MDD 3.6 -3.4 -Control Bipolar MDD Dx

PBRM1: ENSG00000163939.18 p=0.000516 4.1 -4.0 -Residualized Expression Dx Control 3.9 -Bipolar MDD 3.8 -3.7 **-**Bipolar Control MDD Dx

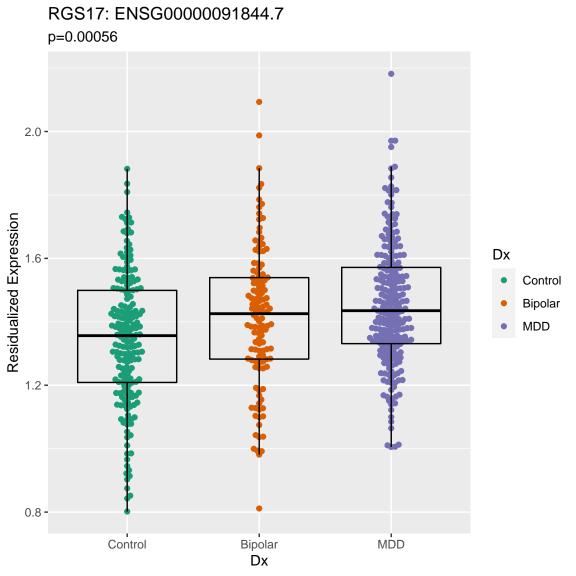
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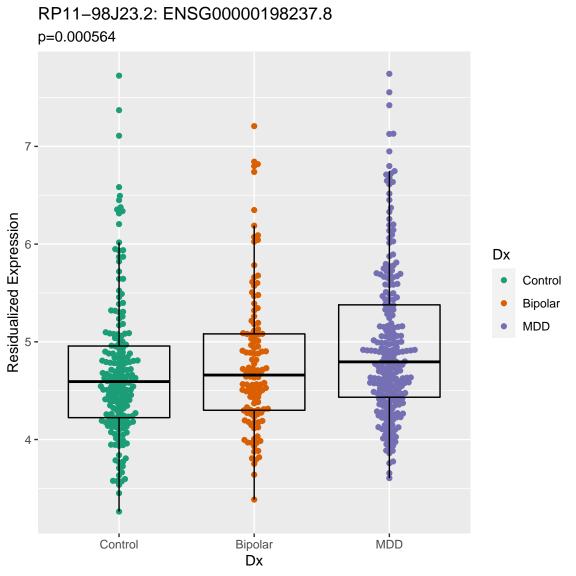
ARRDC3: ENSG00000113369.8 p=0.000531 6 -Residualized Expression Dx Control Bipolar MDD 4 -Bipolar **D**x MDD Control

IFRD1: ENSG00000006652.13 p=0.000535 4.0 -Residualized Expression Dx Control Bipolar MDD 3.2 -2.8 -Control Bipolar MDD Dx

RNF6: ENSG00000127870.16 p=0.000536 3.8 -3.6 -Residualized Expression Dx Control Bipolar MDD 3.2 -3.0 -Bipolar Control MDD Dx

SETD6: ENSG00000103037.11 p=0.000543 3.8 -3.6 -Residualized Expression Dx Control 3.4 **-**Bipolar MDD 3.2 -3.0 -Bipolar Control MDD Dx





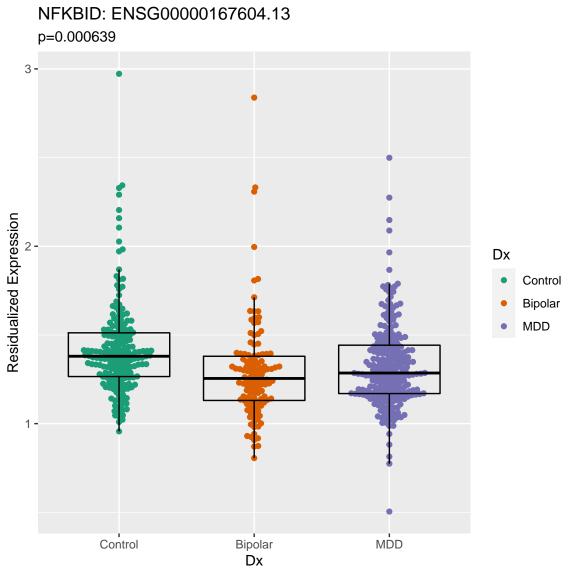
PEX5L: ENSG00000114757.18 p=0.000566 5.5 **-**5.0 -Residualized Expression Dx Control 4.5 **-**Bipolar MDD 4.0 -3.5 -Bipolar Control MDD Dx

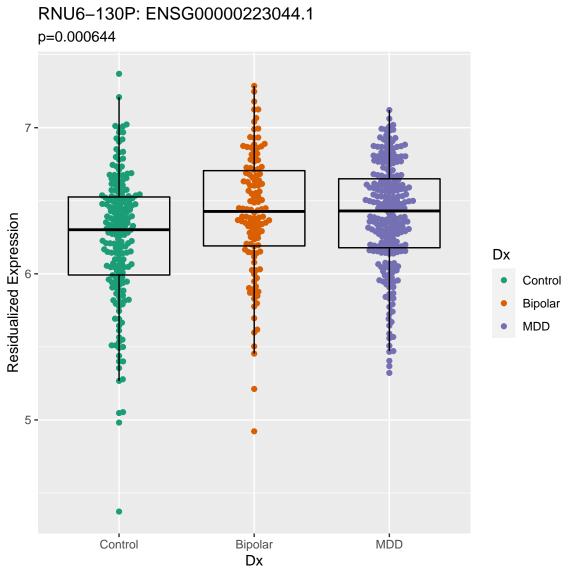
TAF15: ENSG00000270647.5 p=0.000576 4.7 -Residualized Expression Dx Control Bipolar MDD 4.3 -4.1 -Control Bipolar MDD Dx

HNRNPM: ENSG00000099783.11 p=0.000591 4.9 -4.8 -Residualized Expression 4.7 **-**Dx Control Bipolar MDD 4.6 **-**4.5 **-**4.4 -Bipolar MDD Control Dx

KRT18P31: ENSG00000249850.1 p=0.000625 4.25 **-**4.00 -Residualized Expression Dx 3.75 **-**Control Bipolar MDD 3.50 -3.25 **-**MDD Control . Bipolar Dх

SLC25A42: ENSG00000181035.13 p=0.000634 1.2 -1.0 -Residualized Expression Dx Control Bipolar 0.8 - MDD 0.6 -Bipolar Control MDD Dx

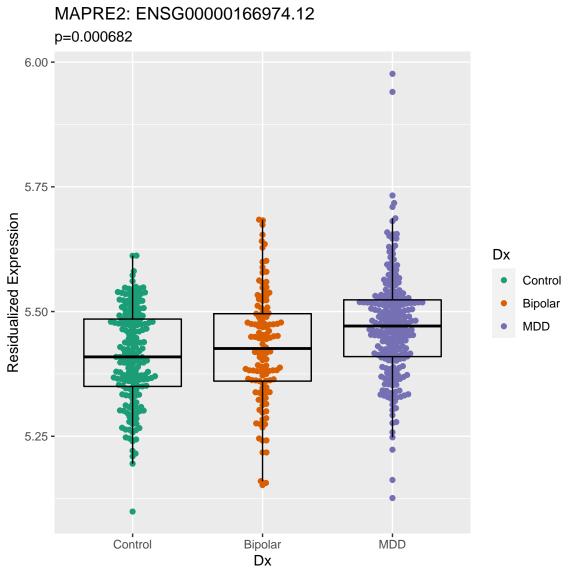




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SIRT5: ENSG00000124523.15 p=0.000672 2.8 -Residualized Expression Dx Control Bipolar MDD 2.2 -Bipolar Control MDD Dx

FKBP4: ENSG00000004478.7 p=0.000674 5.5 **-**Residualized Expression 5.0 -Dx Control Bipolar MDD 4.5 **-**4.0 -Bipolar Control MDD Dx

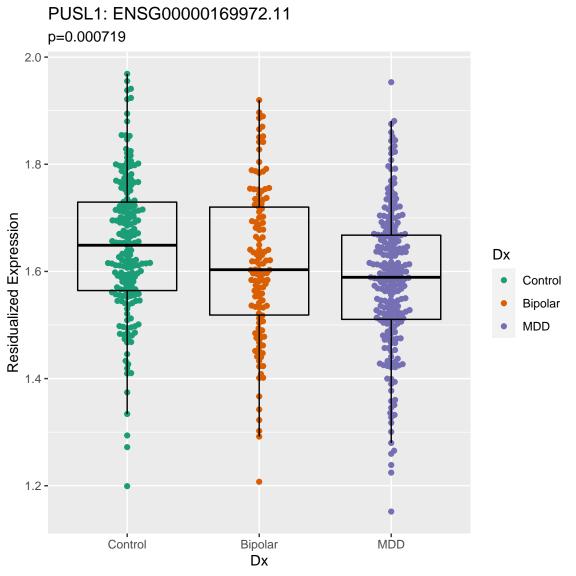


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ZDHHC19: ENSG00000163958.13 p=0.000693 1.00 -Residualized Expression Dx Control Bipolar MDD 0.25 -Control Bipolar MDD Dx

CUL3: ENSG00000036257.12 p=0.000706 4.2 -4.1 -Residualized Expression Dx 4.0 **-**Control Bipolar MDD 3.9 -3.8 -3.7 -Bipolar MDD Control Dx

FNTB: ENSG00000257365.7 p=0.000708 Residualized Expression 0.0 Dx Control Bipolar MDD 2.5 -Bipolar Dx Control MDD



TPM3P7: ENSG00000187536.4 p=0.000732 2.5 -Residualized Expression Dx 2.0 -Control Bipolar MDD 1.5 -1.0 -Control Bipolar MDD Dx

RP11-767N6.2: ENSG00000234329.1 p=0.000739 3.4 -Residualized Expression Dx Control Bipolar 3.0 -MDD 2.6 -Bipolar Control MDD Dx

RP11-631M6.3: ENSG00000251682.1 p=0.000756 7.5 -7.0 -Residualized Expression Dx Control Bipolar MDD 5.5 -5.0 -Bipolar MDD Control Dx

SETD1B: ENSG00000139718.10 p=0.000778 2.25 -2.00 -Residualized Expression Dx Control Bipolar 1.75 **-** MDD 1.50 -Bipolar Dx MDD Control

C1orf123: ENSG00000162384.13 p=0.000781 3.5 -Residualized Expression Dx Control Bipolar MDD 3.0 -Bipolar Control MDD Dx

CHUK: ENSG00000213341.10 p=0.000781 3.4 -Residualized Expression Dx 3.2 **-**Control Bipolar MDD 3.0 -2.8 -Control Bipolar MDD Dx

SRP72: ENSG00000174780.15 p=0.000784 4.8 -Residualized Expression Dx Control Bipolar MDD 4.6 **-**4.4 -Bipolar Control MDD Dx

RP13-20L14.1: ENSG00000260011.2 p=0.000786 2.5 -Residualized Expression Dx Control Bipolar MDD 1.0 -Bipolar Control MDD Dx

SNORA79: ENSG00000222489.1 p=0.000789 7 -Residualized Expression Dx Control Bipolar MDD Bipolar Dx MDD Control