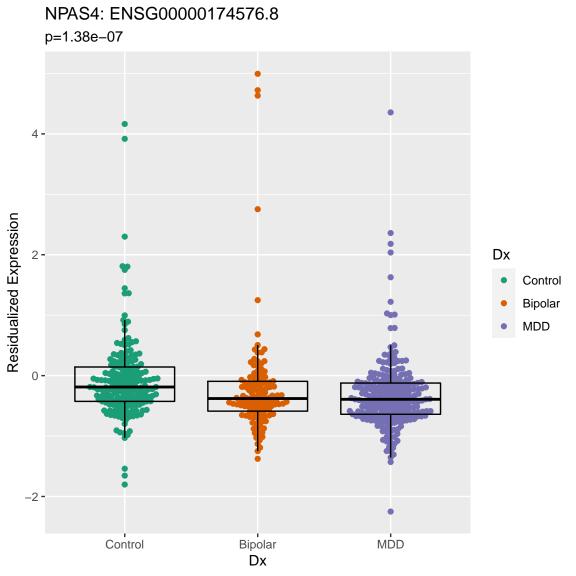
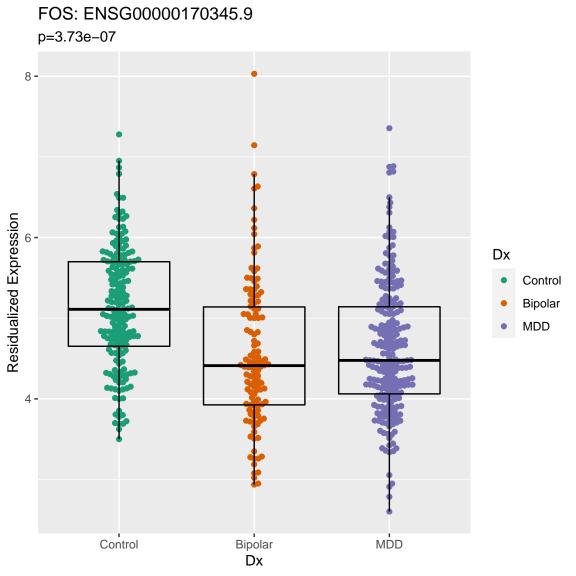


SNORD14C: ENSG00000202252.1 p=4.7e-08 5 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 2 -Bipolar **D**x MDD Control



RP11-373D23.2: ENSG00000270640.1 p=2.35e-07 3 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 0 -MDD Control Bipolar Dx

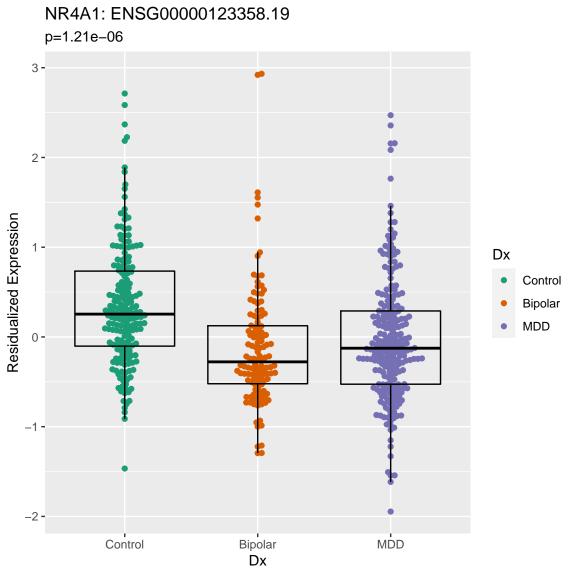
RFX4: ENSG00000111783.12 p=3.33e-07 3.0 -2.5 -Residualized Expression Dx 2.0 -Control Bipolar  $\mathsf{MDD}$ 1.5 -1.0 -Bipolar MDD Control Dx

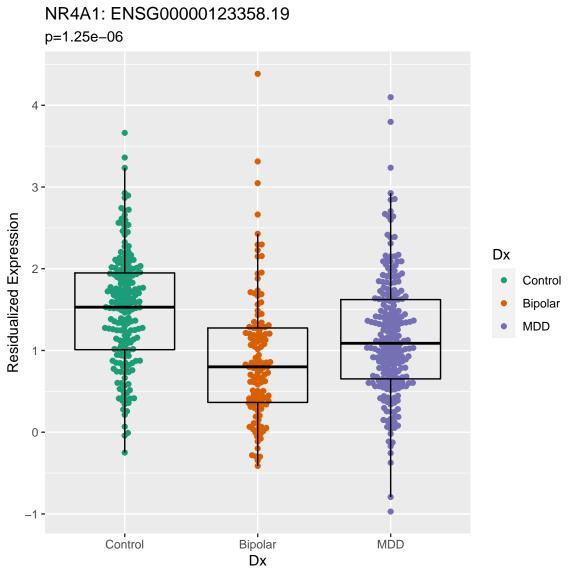


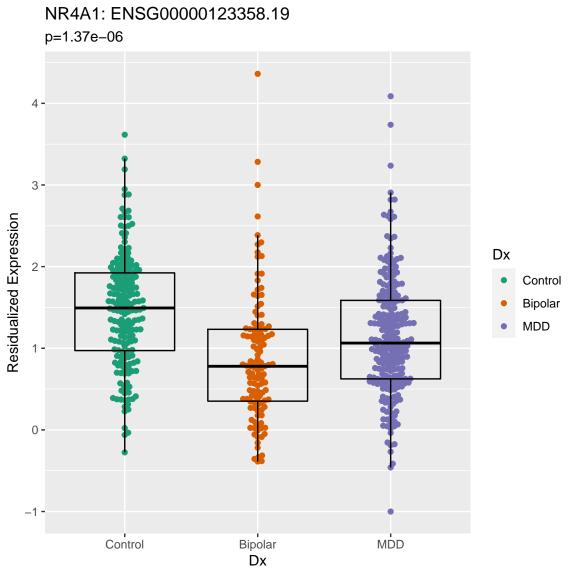
SRSF3: ENSG00000112081.16 p=5.88e-07 3.2 -Residualized Expression Dx Control Bipolar 2.8 **-** $\mathsf{MDD}$ 2.4 -Bipolar Control MDD Dx

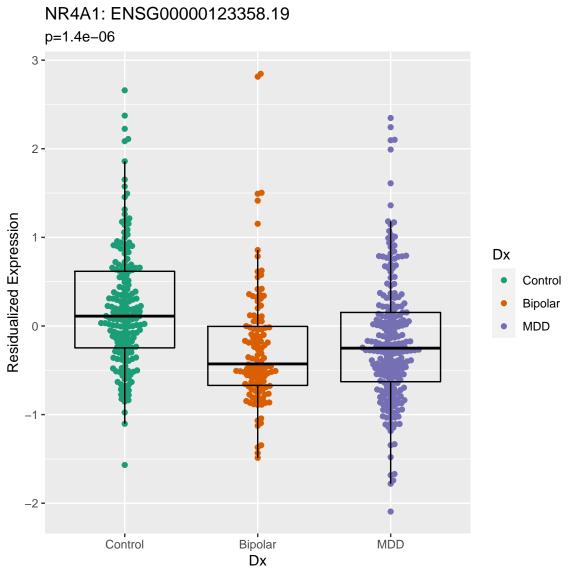
NPAS4: ENSG00000174576.8 p=9.92e-07 6 -4 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 0 --2 **-**Bipolar MDD Control Dx

SRSF3: ENSG00000112081.16 p=1.11e-06 3.5 -Residualized Expression Dx 3.0 -Control Bipolar  $\mathsf{MDD}$ 2.5 -Bipolar Control MDD Dx





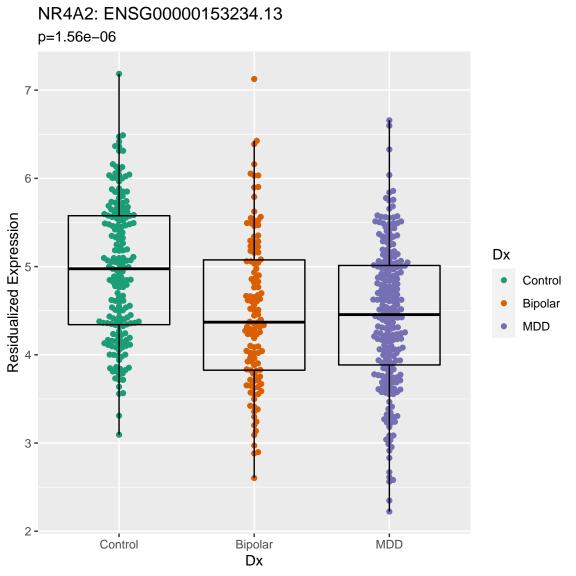


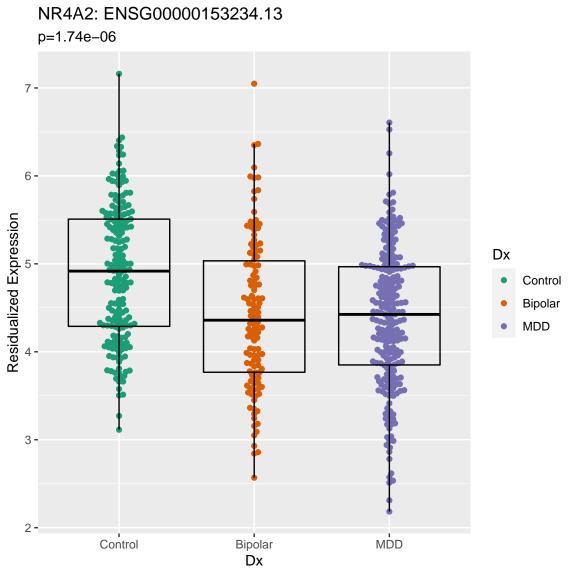


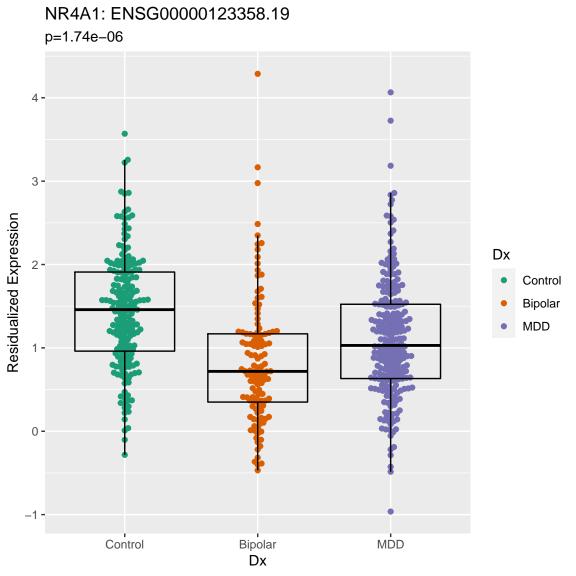
HSPA8: ENSG00000109971.13 p=1.49e-06 4 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 1 -Bipolar **D**x MDD Control

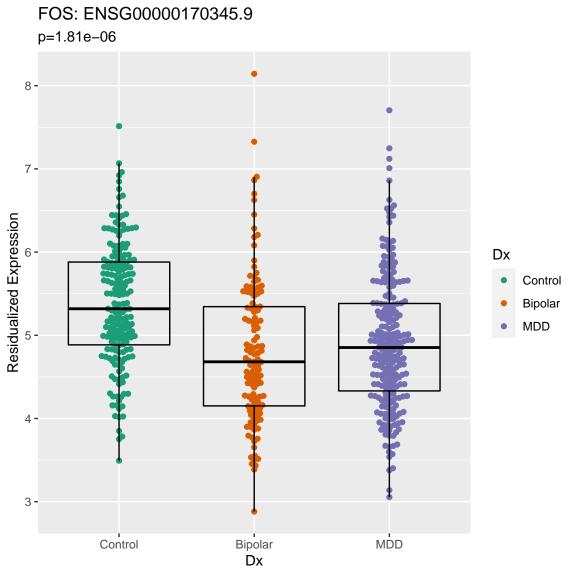
NPAS4: ENSG00000174576.8 p=1.5e-06 5.0 -2.5 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 0.0 --2.5 **-**Control MDD Bipolar Dх

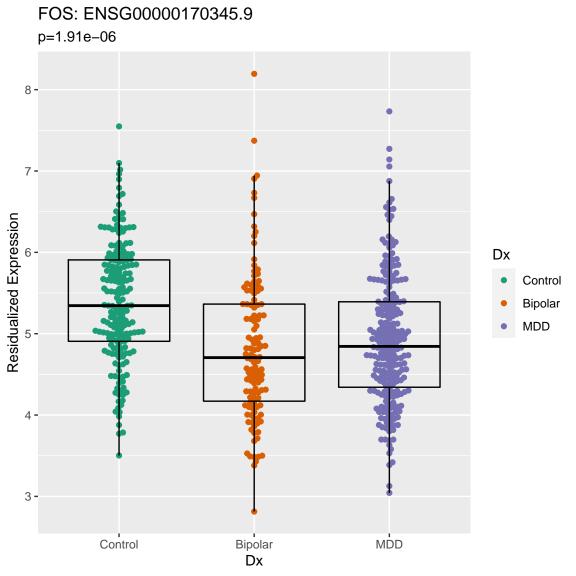
FKBP4: ENSG00000004478.7 p=1.55e-06 3.25 -3.00 -Residualized Expression 2.75 **-**Dx Control Bipolar  $\mathsf{MDD}$ 2.50 **-**2.25 **-**2.00 -Control MDD Bipolar Dx

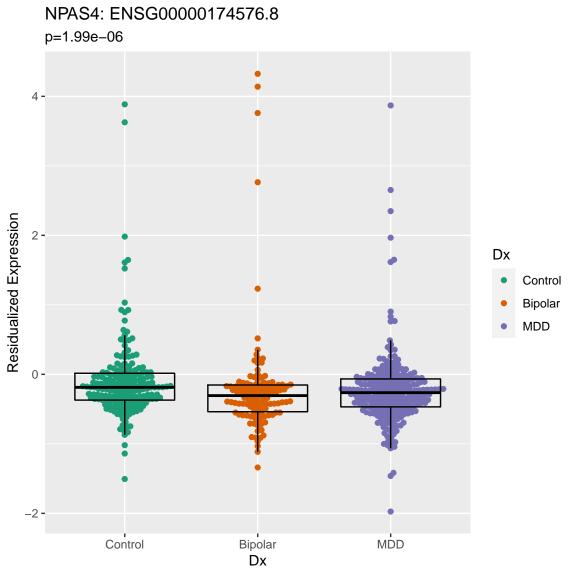


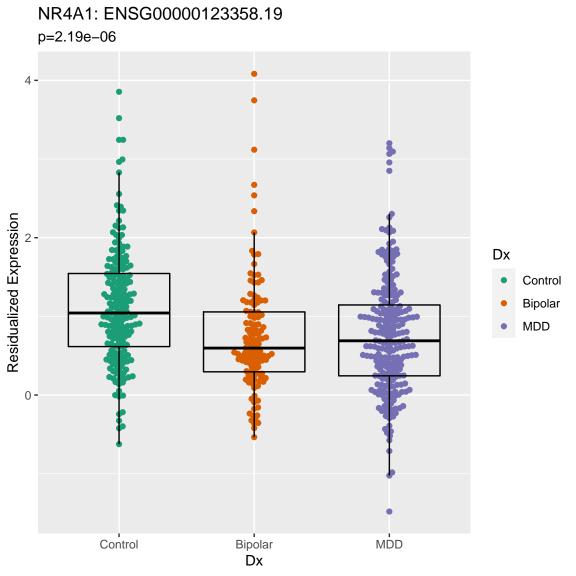


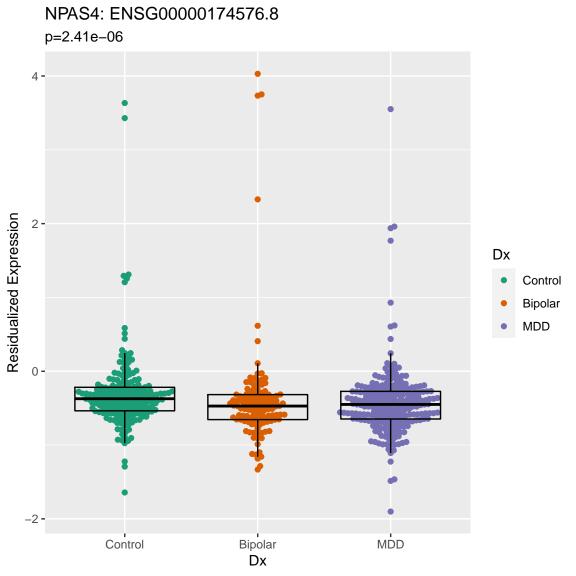


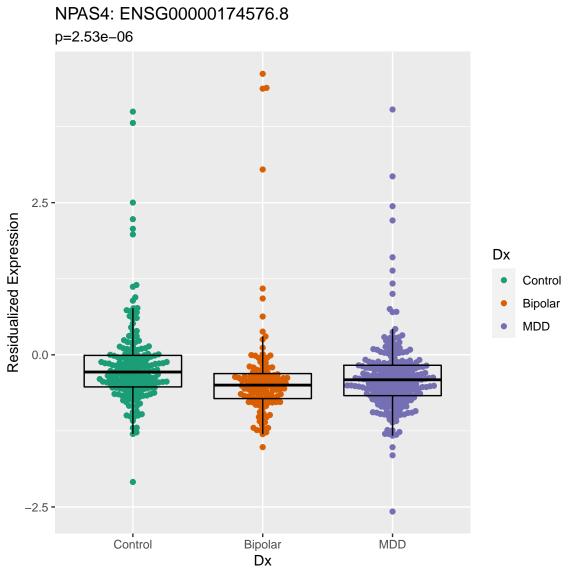


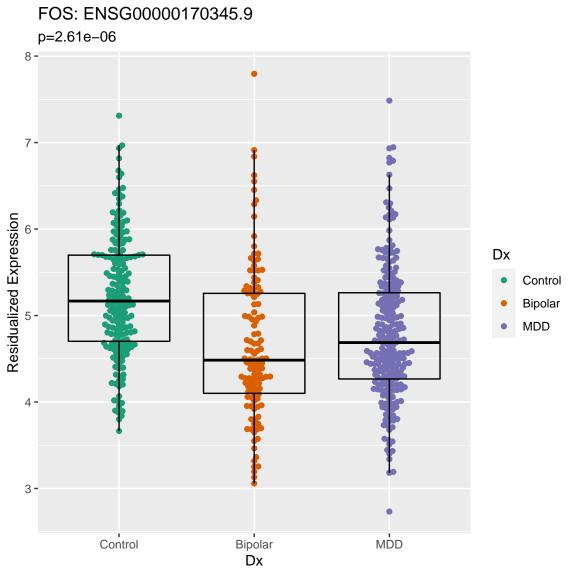




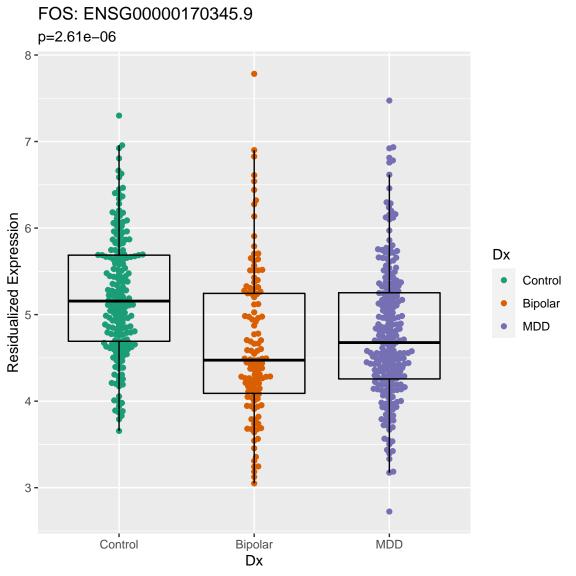






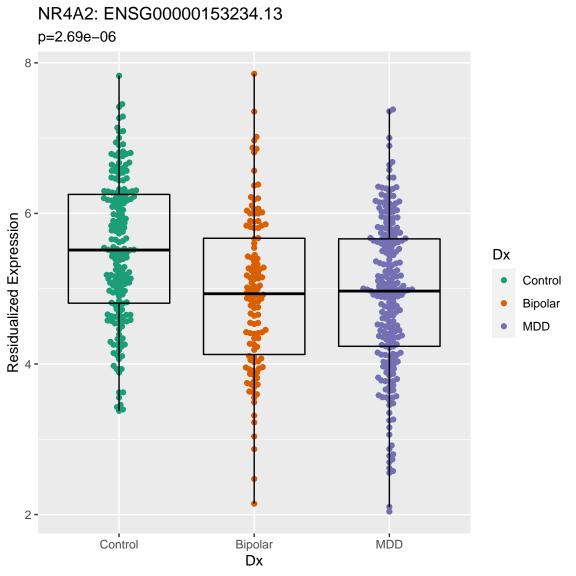


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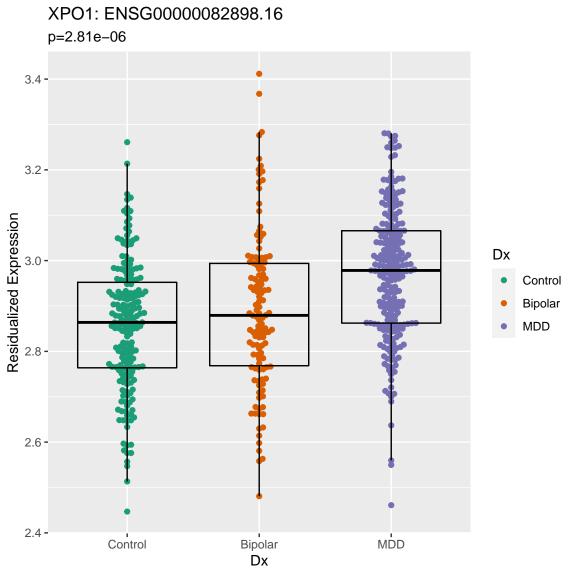


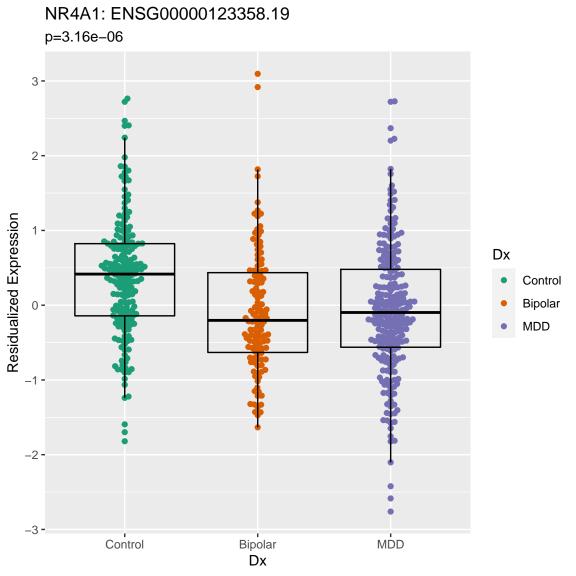
FOSL2: ENSG00000075426.11 p=2.68e-06 4 -3 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 1 -0 -Bipolar Dx Control MDD

CLK1: ENSG00000013441.15 p=2.68e-06 3.5 -3.0 -Residualized Expression
7. Dx Control Bipolar  $\mathsf{MDD}$ 1.5 -Bipolar Control MDD Dx

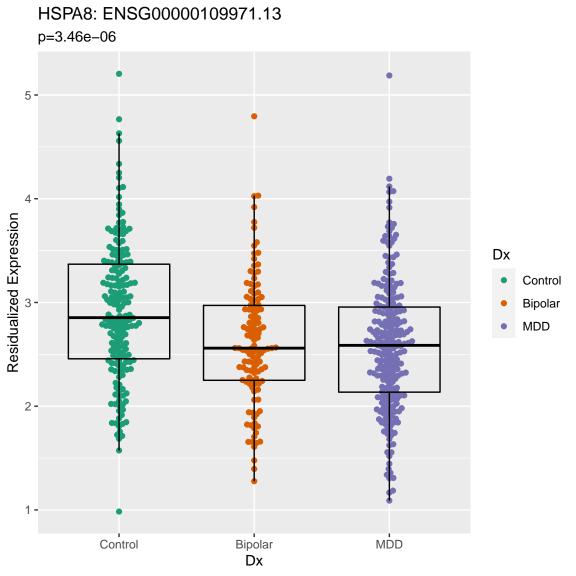


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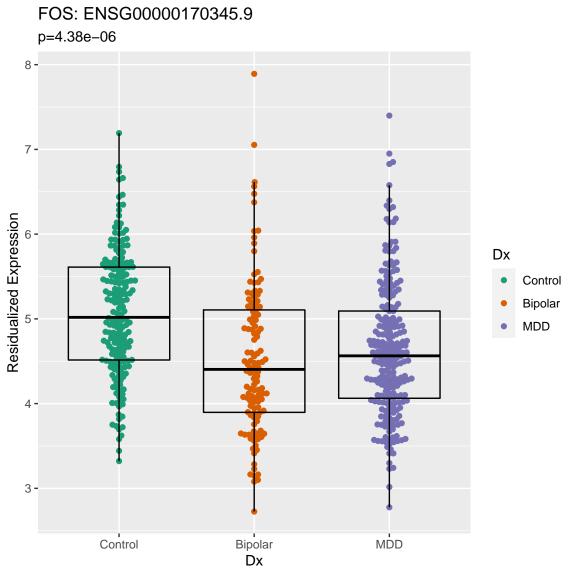


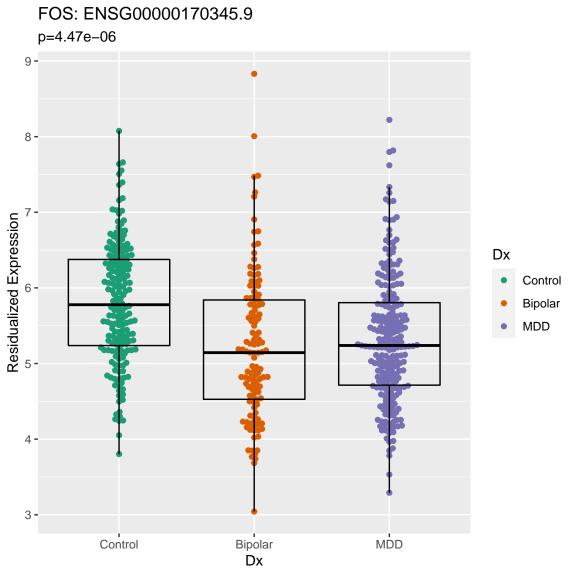


NPAS4: ENSG00000174576.8 p=3.35e-06 4 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 0 --2 **-**Bipolar MDD Control Dx



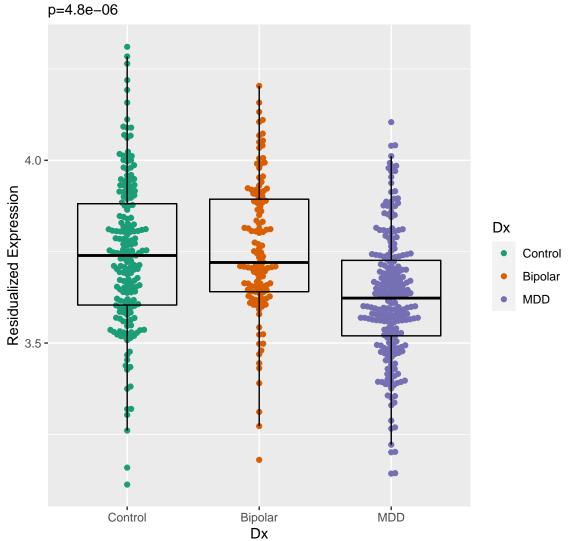
FOS: ENSG00000170345.9 p=4.32e-06 8 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 4 -MDD Control Bipolar Dx

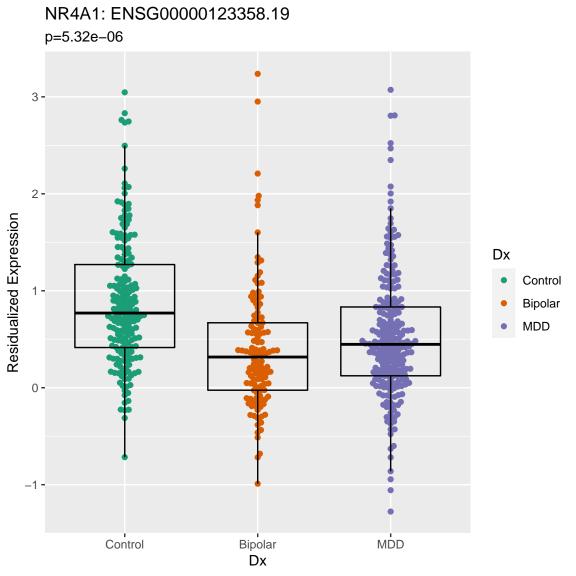




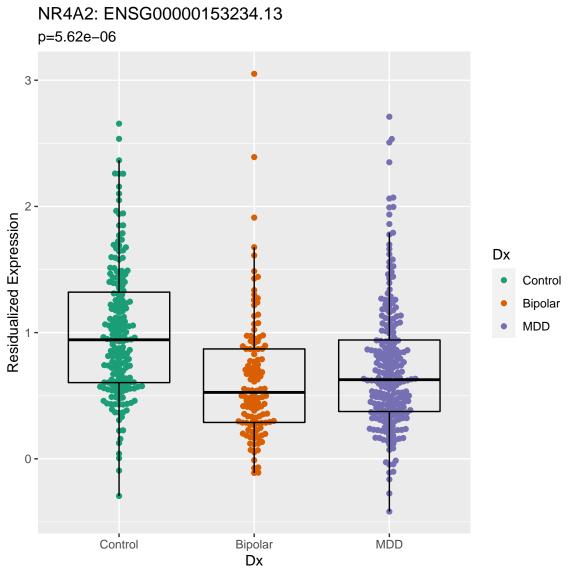
RP11-120K24.4: ENSG00000269356.1 p=4.52e-06 1.5 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 1.0 -Control Bipolar MDD Dx

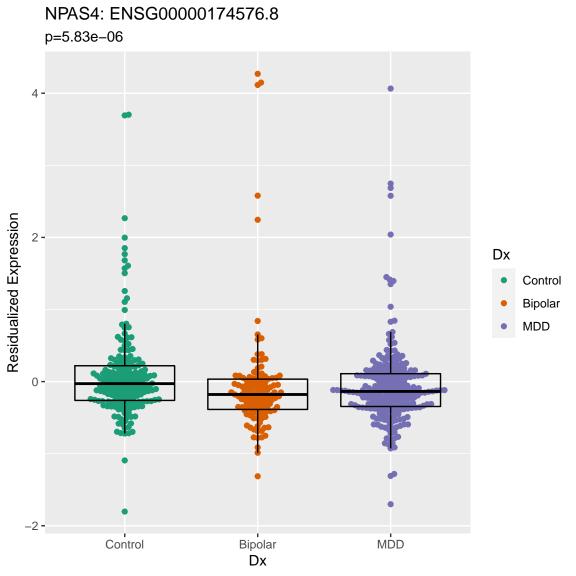
LRP1: ENSG00000123384.13



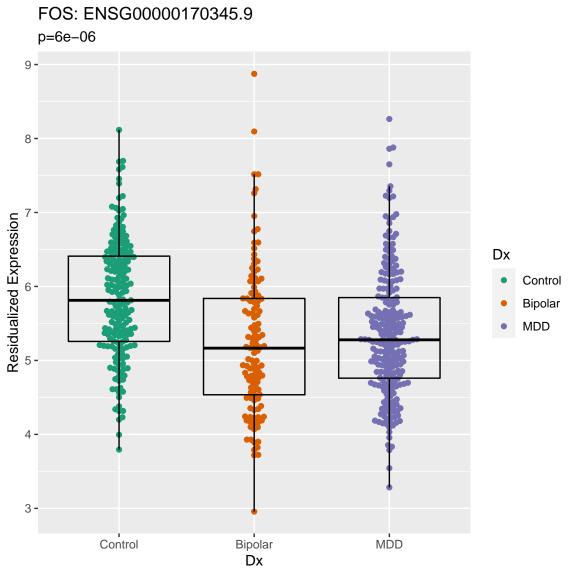


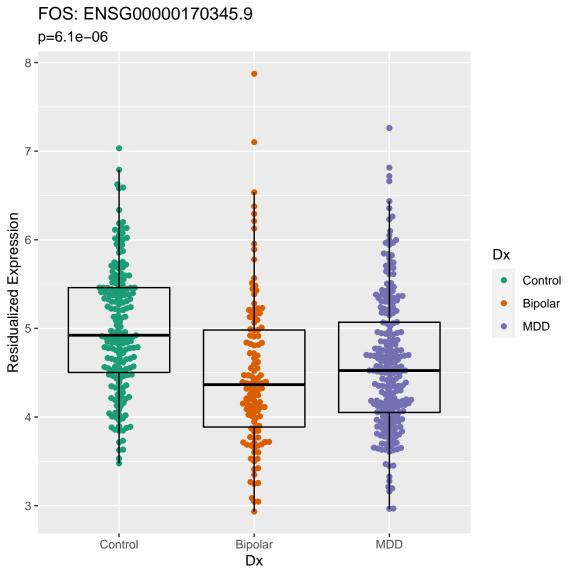
SYNE1: ENSG00000131018.22 p=5.44e-06 4.0 -3.5 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 3.0 -2.5 -Bipolar Control MDD Dx





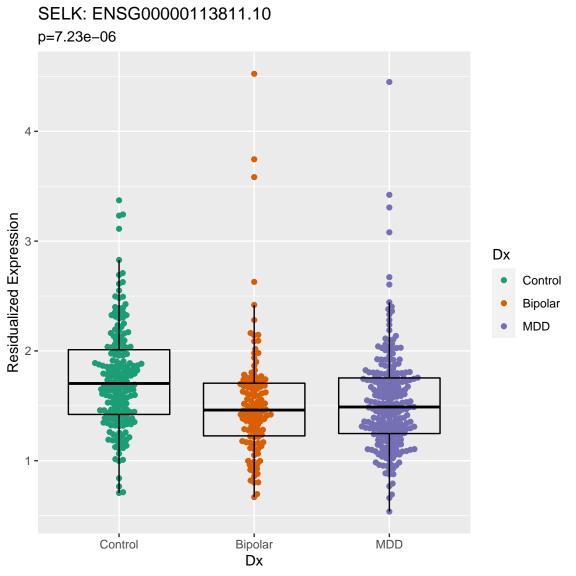
XPO1: ENSG00000082898.16 p=5.9e-06 4.4 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 3.6 -3.2 **-**Bipolar Control MDD Dx





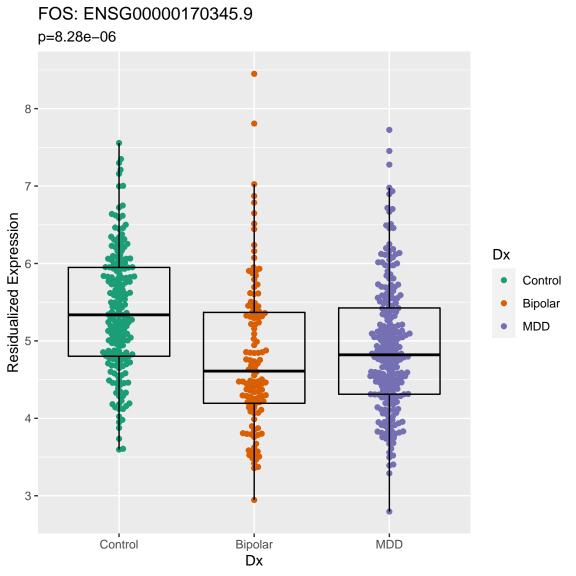
HSPA8: ENSG00000109971.13 p=6.18e-06 5 -Residualized Expression Dx Control Bipolar MDD 2 -1 -Bipolar **D**x MDD Control

FOS: ENSG00000170345.9 p=6.64e-06 5 -Residualized Expression  $^{\circ}_{\Gamma}$ Dx Control Bipolar  $\mathsf{MDD}$ 2 -Bipolar **D**x Control MDD

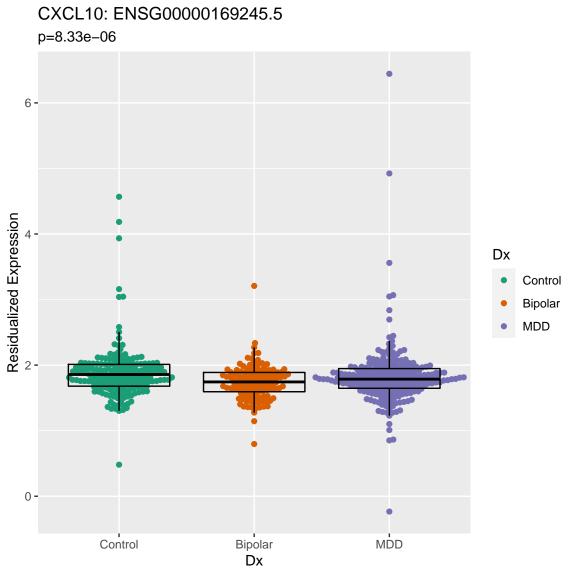


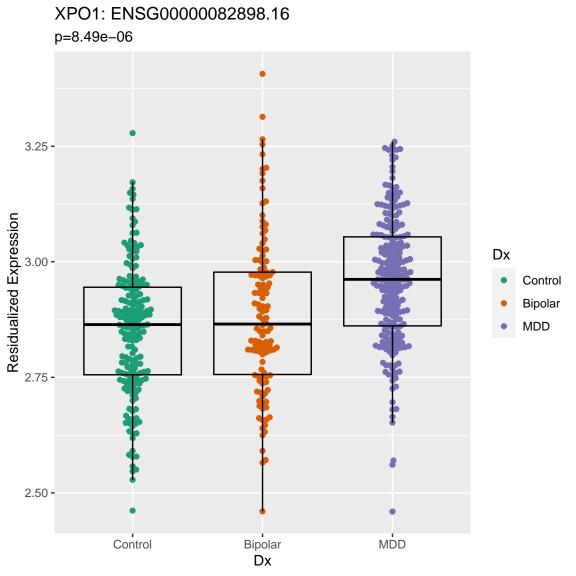
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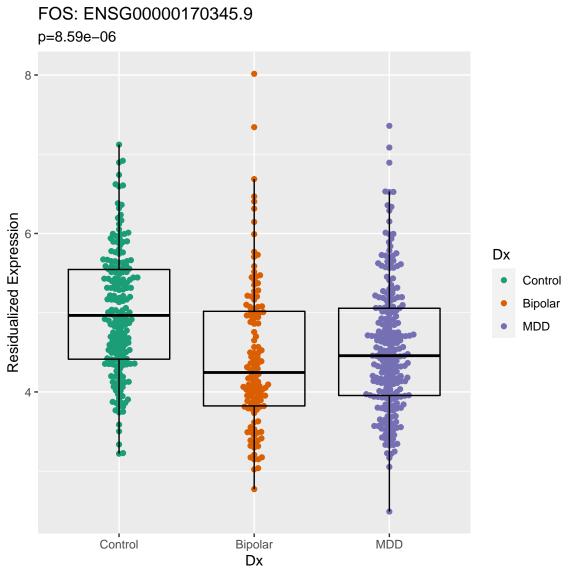
FOS: ENSG00000170345.9 p=7.76e-06 8 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 4 -Bipolar **D**x MDD Control



NPAS4: ENSG00000174576.8 p=8.28e-06 4 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 0 --2 **-**Bipolar Control MDD Dx





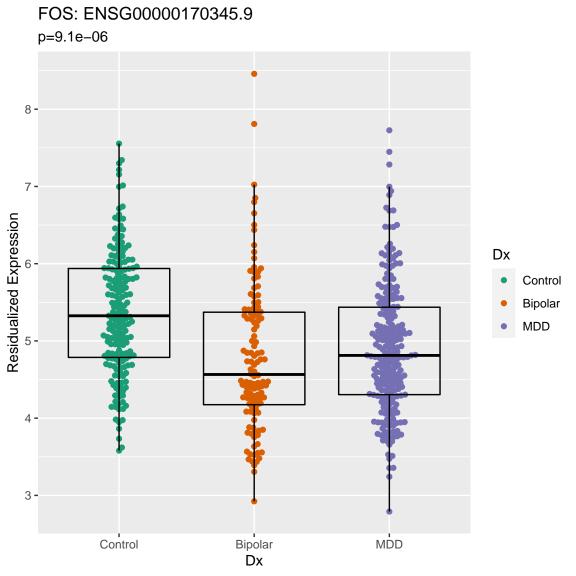


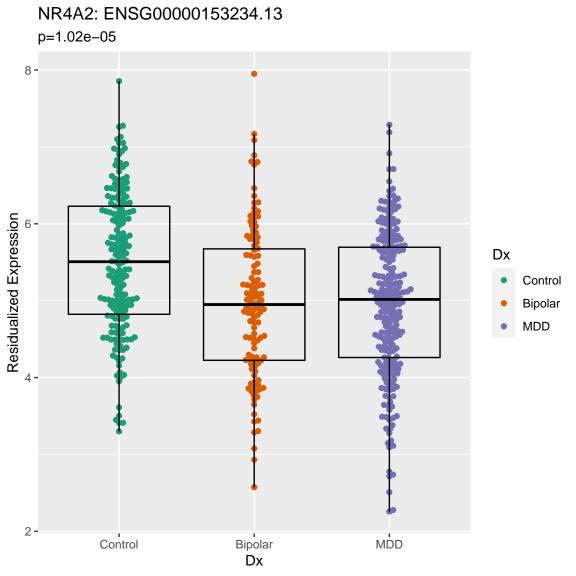
DHCR7: ENSG00000172893.15 p=8.65e-06 3.5 -3.0 -Residualized Expression Dx Control Bipolar 2.5 - $\mathsf{MDD}$ 2.0 -Bipolar MDD Control Dx

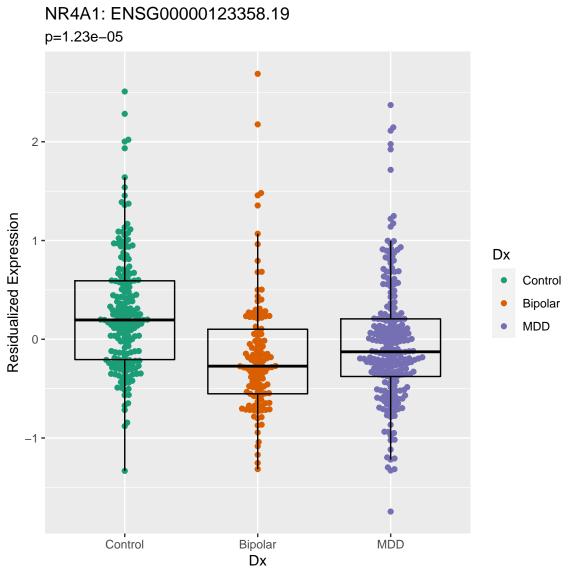
PDE7A: ENSG00000205268.10 p=8.8e-06 3.0 -Residualized Expression Dx Control Bipolar MDD 1.5 -Bipolar Control MDD Dx

FOSB: ENSG00000125740.13 p=8.91e-06 4 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 1 -0 -MDD Control Bipolar Dx

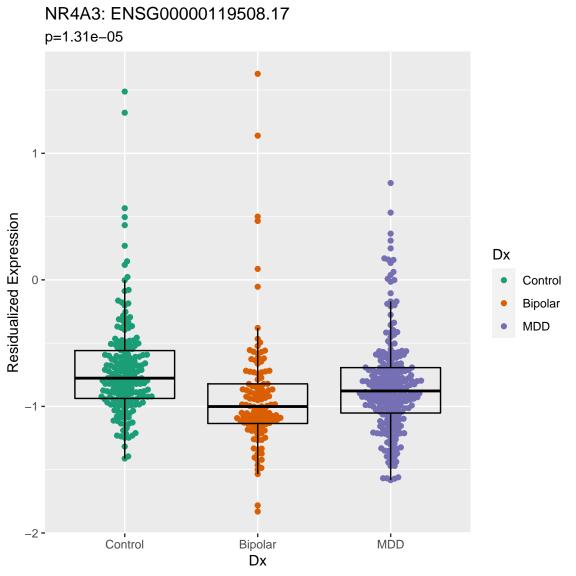
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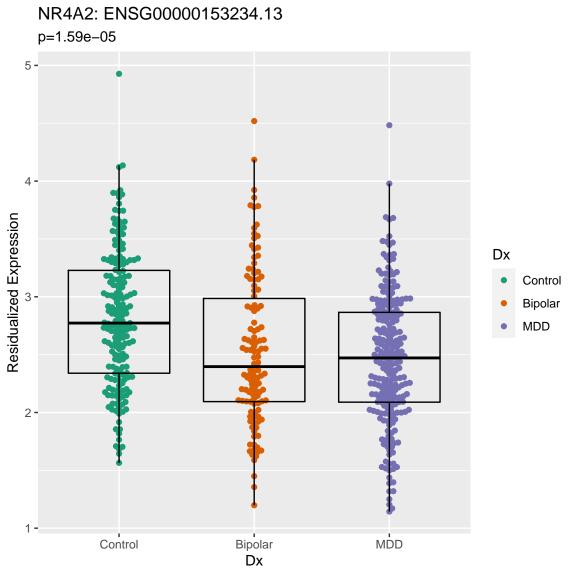
FOS: ENSG00000170345.9 p=1.29e-05 8 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 4 -3 **-**Bipolar Control MDD Dx

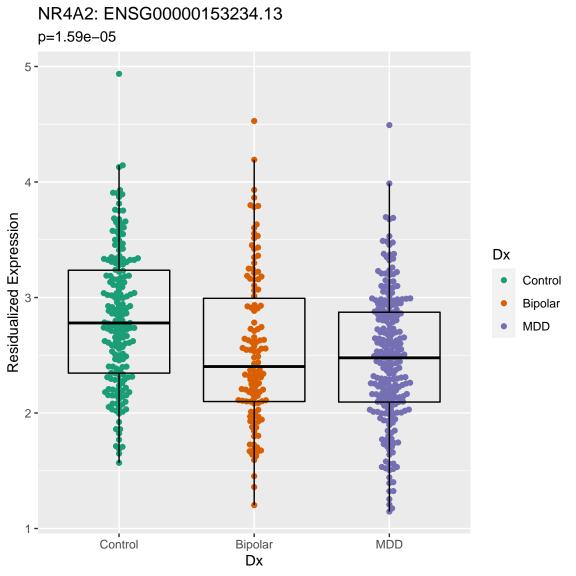


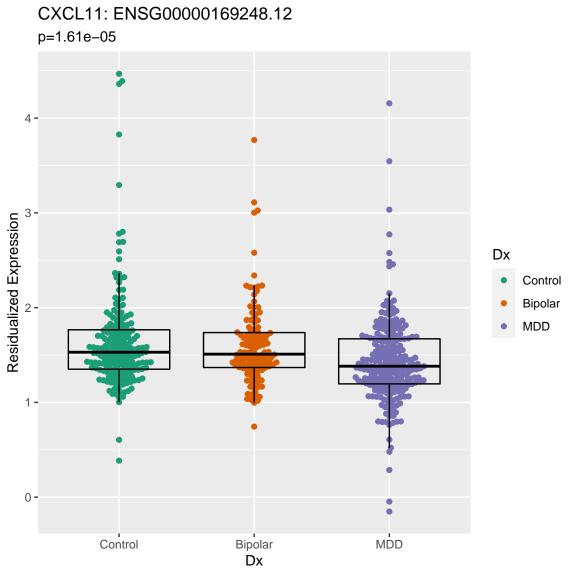
NR4A1: ENSG00000123358.19 p=1.47e-05 3 -2 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ -1 **-**Bipolar MDD Control Dx

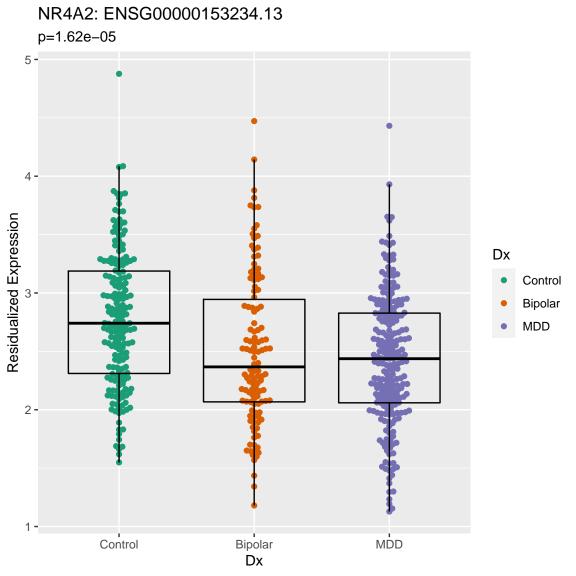
AP2S1: ENSG00000042753.11 p=1.53e-05 3.6 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 2.8 -2.4 -Bipolar Control MDD Dx

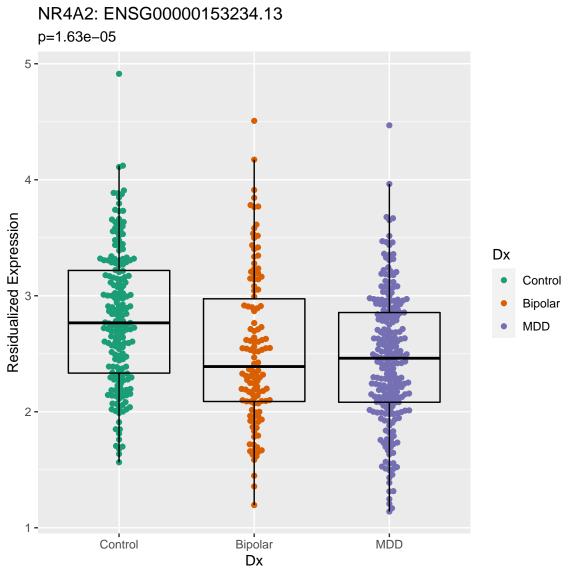
MLLT3: ENSG00000171843.15 p=1.57e-05 1.2 **-**Residualized Expression 1.0 -Dx Control Bipolar  $\mathsf{MDD}$ 0.8 -0.6 -Bipolar Control MDD Dx



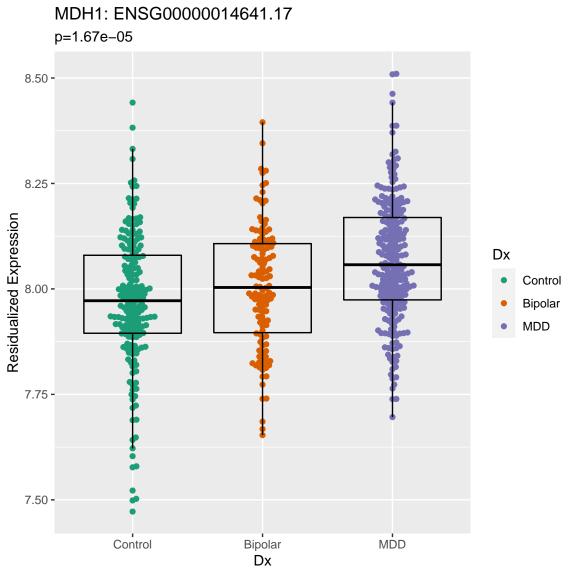


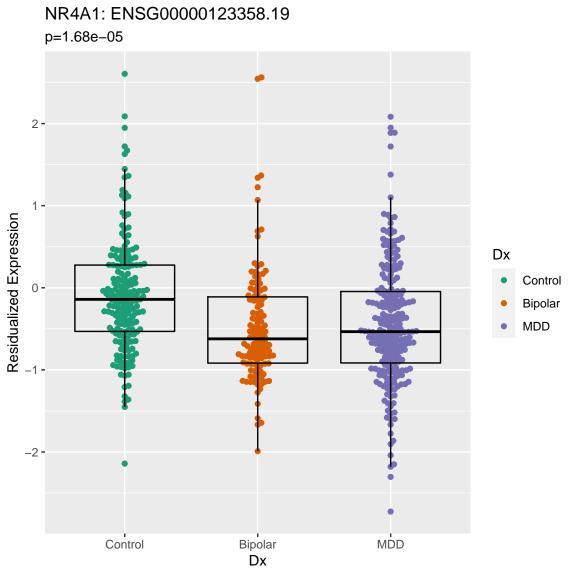




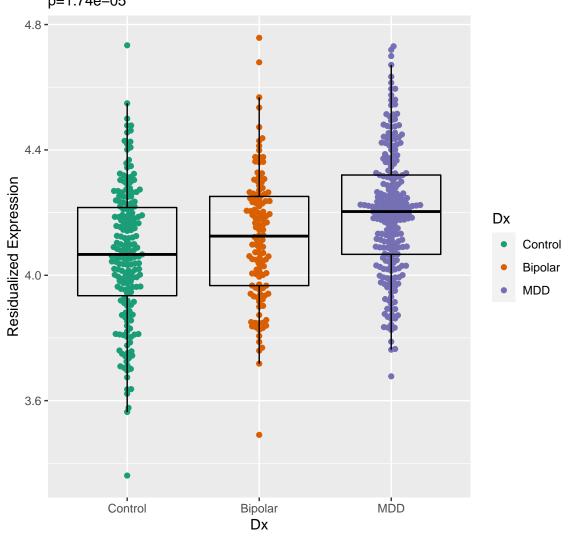


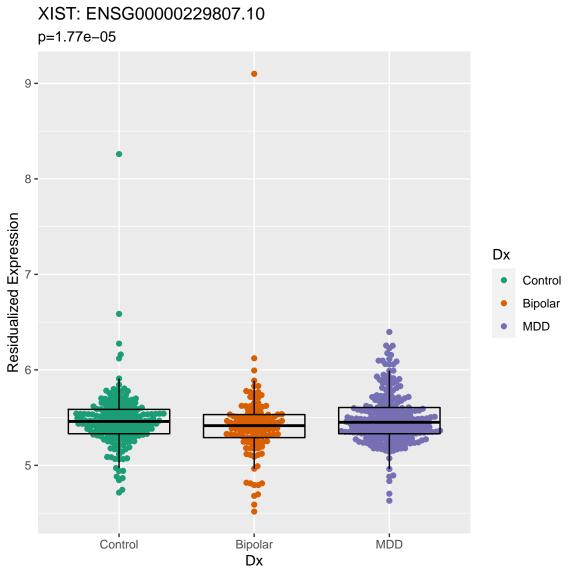
VPS13A: ENSG00000197969.11 p=1.66e-05 2.50 -2.25 -Residualized Expression Dx 2.00 -Control Bipolar  $\mathsf{MDD}$ 1.75 **-**1.50 -MDD Control . Bipolar Dх

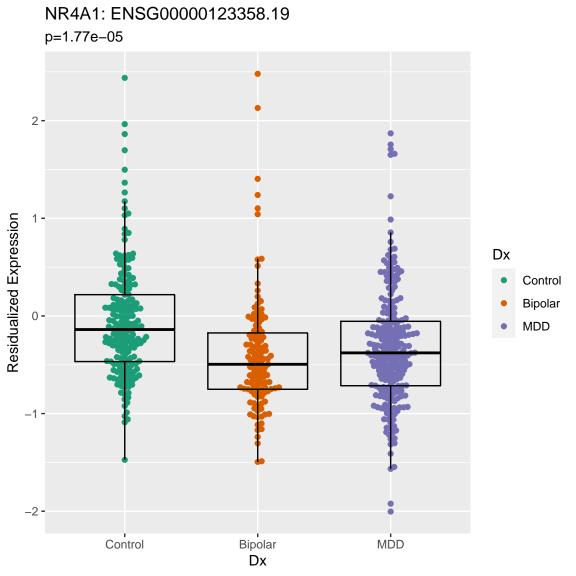




LONP1: ENSG00000196365.11 p=1.74e-05







FOS: ENSG00000170345.9 p=1.8e-05 10 -8 -Residualized Expression Dx Control Bipolar MDD 6 -4 -Bipolar Dx MDD Control

FOS: ENSG00000170345.9 p=1.89e-05 10-8 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 4 -Bipolar Dx MDD Control

HSPB1: ENSG00000106211.8 p=1.9e-05 5 -4 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 1 -MDD Control Bipolar Dx

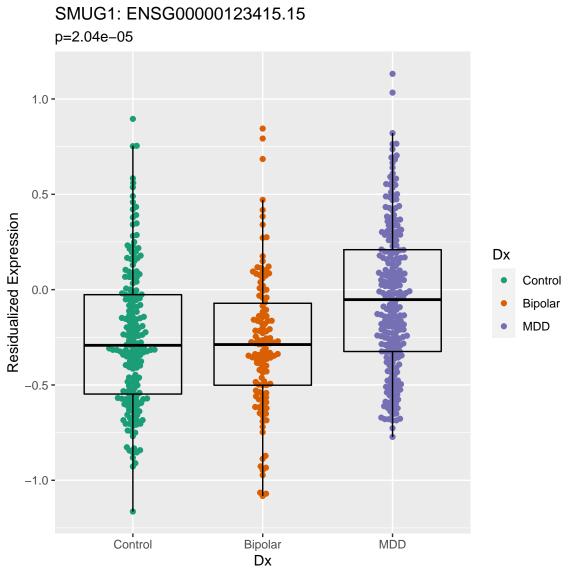
HSP90B1: ENSG00000166598.13 p=1.91e-05 6.0 -Residualized Expression Dx 5.6 **-**Control Bipolar  $\mathsf{MDD}$ 5.2 -4.8 -Bipolar Control MDD Dx

SNAP23: ENSG00000092531.9 p=1.93e-05 Residualized Expression Dx Control Bipolar MDD Control Bipolar **D**x MDD

DHCR7: ENSG00000172893.15 p=1.95e-05 3.5 **-**Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 2.0 -Bipolar MDD Control Dx

DHCR7: ENSG00000172893.15 p=1.97e-05 3.5 -Residualized Expression Dx Control Bipolar  $\mathsf{MDD}$ 2.0 -Bipolar Control MDD Dx

DHCR7: ENSG00000172893.15 p=1.99e-05 3.5 -Residualized Expression
3.2-5-5-Dx Control Bipolar  $\mathsf{MDD}$ 2.0 -Bipolar Control MDD Dx



FAM91A1: ENSG00000176853.15 p=2.06e-05 2.00 -1.75 **-**Residualized Expression Dx Control 1.50 **-**Bipolar  $\mathsf{MDD}$ 1.25 **-**Bipolar Dx MDD Control

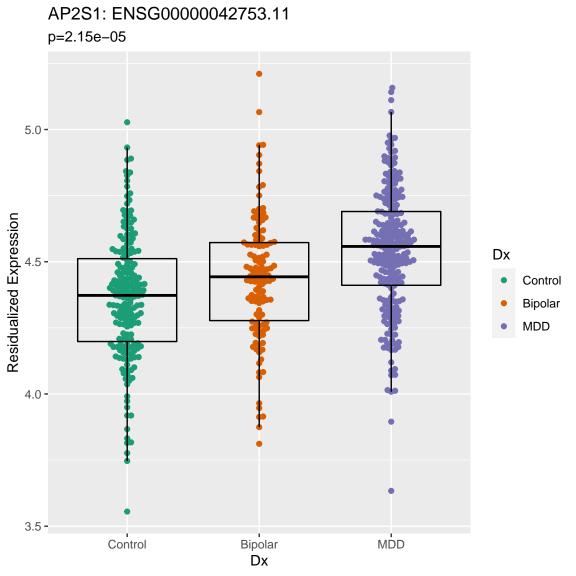
AP2S1: ENSG00000042753.11 p=2.07e-05 6.0 -5.5 **-**Residualized Expression Dx Control Bipolar 5.0 **-** $\mathsf{MDD}$ 4.5 -Bipolar Control MDD Dx

IFRD1: ENSG00000006652.13 p=2.08e-05 5 -Residualized Expression Dx Control Bipolar MDD MDD Control Bipolar Dx

GHDC: ENSG00000167925.15 p=2.08e-05 1.2 -1.0 -Residualized Expression Dx Control 0.8 -Bipolar MDD 0.6 -0.4 -Bipolar Control MDD Dx

ATP6V1F: ENSG00000128524.4 p=2.11e-05 5.4 **-**5.2 -Residualized Expression 5.0 -Dx Control Bipolar  $\mathsf{MDD}$ 4.8 **-**4.6 -4.4 -Bipolar Control MDD Dx

ATP6V1F: ENSG00000128524.4 p=2.13e-05 5.4 -5.2 **-**Residualized Expression 5.0 -Dx Control Bipolar  $\mathsf{MDD}$ 4.8 **-**4.6 -4.4 -Bipolar Control MDD Dx



SETD2: ENSG00000181555.19 p=2.19e-05 3.6 -Residualized Expression Dx Control Bipolar 3.4 - $\mathsf{MDD}$ 3.2 -Bipolar Control MDD Dx

MRPL9: ENSG00000143436.10 p=2.23e-05 3.9 -Residualized Expression Dx 3.6 -Control Bipolar  $\mathsf{MDD}$ 3.3 -3.0 -Bipolar Control MDD Dx

MRPL9: ENSG00000143436.10 p=2.23e-05 3.9 -Dx Control Bipolar  $\mathsf{MDD}$ 3.0 -Bipolar Control MDD Dx