Figure S2A:

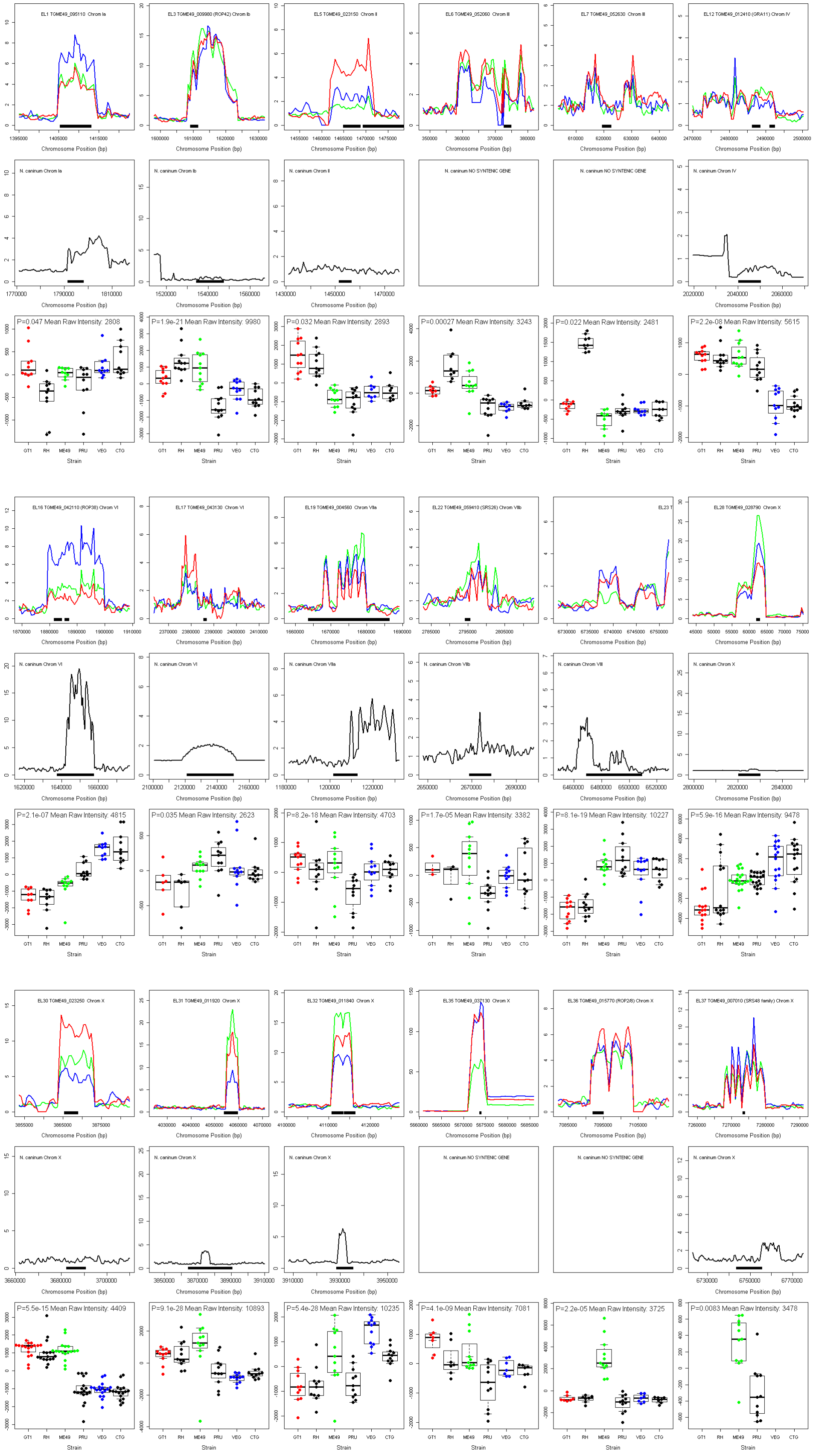
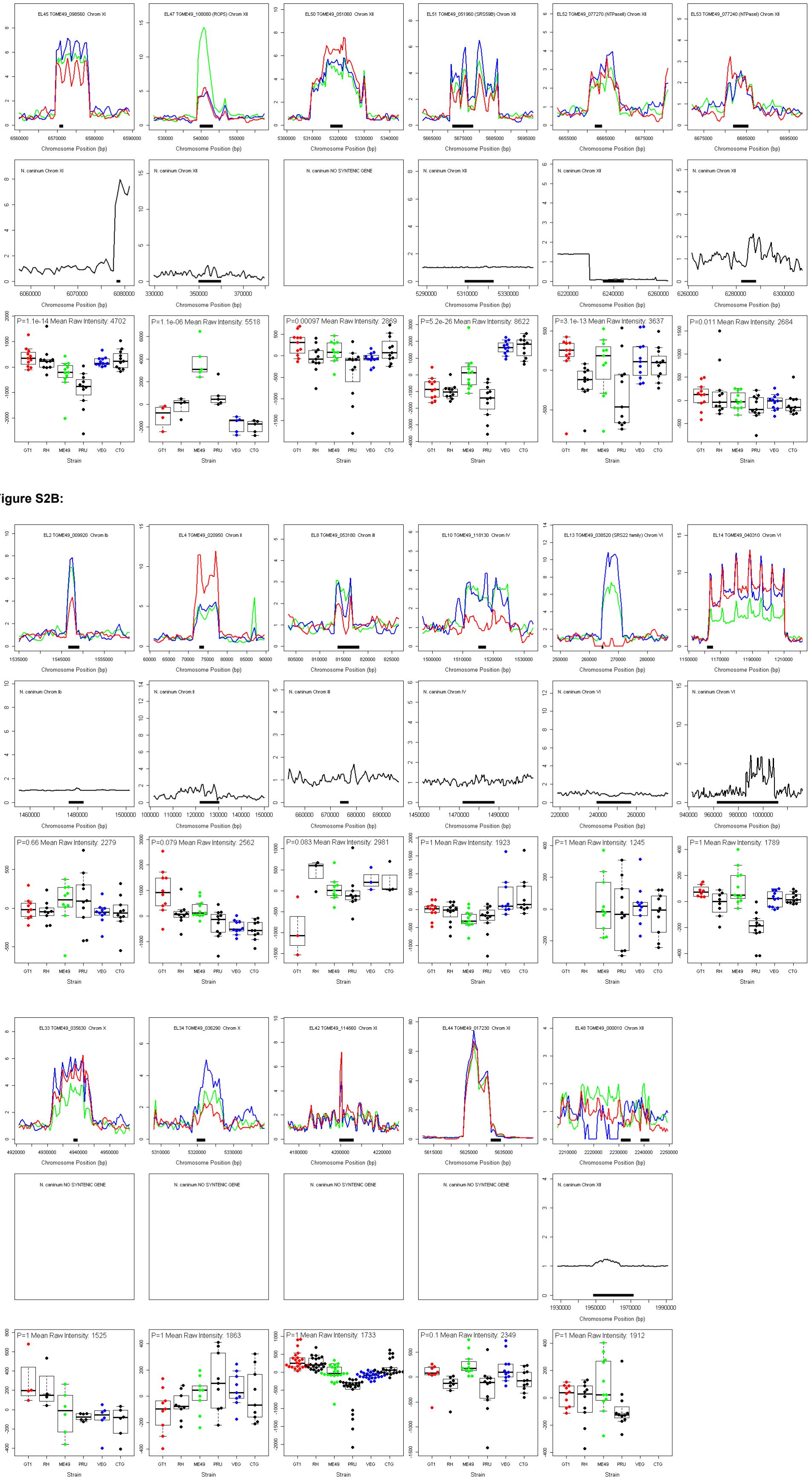

EL1 TGME49_095110 Chrom Ia
EL3 TGME49_009980 (ROP42) Chrom Ib
EL5 TGME49_023150 Chrom II
EL6 TGME49_052060 Chrom III
EL7 TGME49_052630 Chrom III
EL12 TGME49_012410 (GRA11) Chrom IV
N. caninum Chrom Ia
N. caninum Chrom Ib
N. caninum Chrom II
N. caninum NO SYNTENIC GENE
N. caninum NO SYNTENIC GENE
N. caninum Chrom IV
Chromosome Position (bp)
P=0.047 Mean Raw Intensity: 2808
P=1.9e-21 Mean Raw Intensity: 9980
P=0.032 Mean Raw Intensity: 2893
P=0.00027 Mean Raw Intensity: 3243
P=0.022 Mean Raw Intensity: 2481
P=2.2e-08 Mean Raw Intensity: 5615
GT1 RH ME49 PRU VEG CTG
Strain
EL16 TGME49_042110 (ROP38) Chrom VI
EL17 TGME49_043130 Chrom VI
EL19 TGME49_004560 Chrom VIIa
EL22 TGME49_059410 (SRS26) Chrom VIIb
EL23 T
EL28 TGME49_028790 Chrom X
N. caninum Chrom VI
N. caninum Chrom VI
N. caninum Chrom VIIa
N. caninum Chrom VIIb
N. caninum Chrom VIII
N. caninum Chrom X
P=2.1e-07 Mean Raw Intensity: 4815
P=0.035 Mean Raw Intensity: 2623
P=8.2e-18 Mean Raw Intensity: 4703
P=1.7e-05 Mean Raw Intensity: 3382
P=8.1e-19 Mean Raw Intensity: 10227
P=5.9e-16 Mean Raw Intensity: 9478
EL30 TGME49_023250 Chrom X
EL31 TGME49_011920 Chrom X
EL32 TGME49_011840 Chrom X
EL35 TGME49_037130 Chrom X
EL36 TGME49_015770 (ROP2/8) Chrom X
EL37 TGME49_007010 (SRS48 family) Chrom X
N. caninum Chrom X
N. caninum Chrom X
N. caninum Chrom X
N. caninum NO SYNTENIC GENE
N. caninum NO SYNTENIC GENE
N. caninum Chrom X
P=5.5e-15 Mean Raw Intensity: 4409
P=9.1e-28 Mean Raw Intensity: 10893
P=5.4e-28 Mean Raw Intensity: 10235
P=4.1e-09 Mean Raw Intensity: 7081
P=2.2e-05 Mean Raw Intensity: 3725
P=0.0083 Mean Raw Intensity: 3478

Figure S2B:


EL45 TGME49_098560 Chrom XI
EL47 TGME49_108080 (ROP5) Chrom XII
EL50 TGME49_051060 Chrom XII
EL51 TGME49_051960 (SRS59B) Chrom XII
EL52 TGME49_077270 (NTPaseII) Chrom XII
EL53 TGME49_077240 (NTPaseI) Chrom XII
N. caninum Chrom XI
N. caninum Chrom XII
N. caninum NO SYNTENIC GENE
N. caninum Chrom XII
N. caninum Chrom XII
N. caninum Chrom XII
Chromosome Position (bp)
P=1.1e-14 Mean Raw Intensity: 4702
P=1.1e-06 Mean Raw Intensity: 5518
P=0.00097 Mean Raw Intensity: 2869
P=5.2e-26 Mean Raw Intensity: 8622
P=3.1e-13 Mean Raw Intensity: 3637
P=0.011 Mean Raw Intensity: 2684
GT1
RH
ME49
PRU
VEG
CTG
Strain
EL2 TGME49_009920 Chrom Ib
EL4 TGME49_020950 Chrom II
EL8 TGME49_053180 Chrom III
EL10 TGME49_118130 Chrom IV
EL13 TGME49_038520 (SRS22 family) Chrom VI
EL14 TGME49_040310 Chrom VI
N. caninum Chrom Ib
N. caninum Chrom II
N. caninum Chrom III
N. caninum Chrom IV
N. caninum Chrom VI
N. caninum Chrom VI
P=0.66 Mean Raw Intensity: 2279
P=0.079 Mean Raw Intensity: 2562
P=0.083 Mean Raw Intensity: 2981
P=1 Mean Raw Intensity: 1923
P=1 Mean Raw Intensity: 1245
P=1 Mean Raw Intensity: 1789
EL33 TGME49_035630 Chrom X
EL34 TGME49_036290 Chrom X
EL42 TGME49_114660 Chrom XI
EL44 TGME49_017230 Chrom XI
EL48 TGME49_000010 Chrom XII
N. caninum NO SYNTENIC GENE
N. caninum NO SYNTENIC GENE
N. caninum NO SYNTENIC GENE
N. caninum NO SYNTENIC GENE
N. caninum Chrom XII
P=1 Mean Raw Intensity: 1525
P=1 Mean Raw Intensity: 1863
P=1 Mean Raw Intensity: 1733
P=0.1 Mean Raw Intensity: 2349
P=1 Mean Raw Intensity: 1912

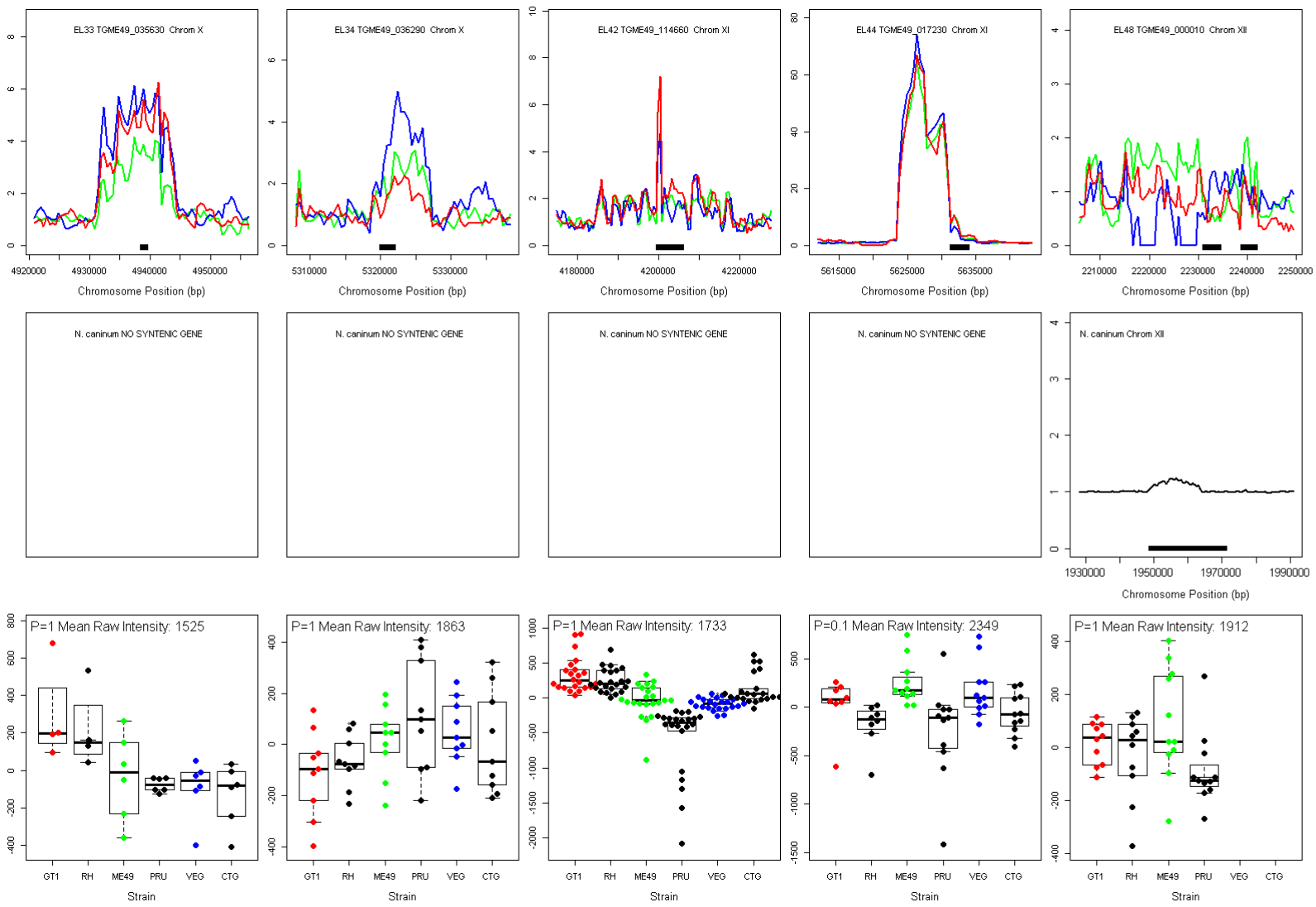
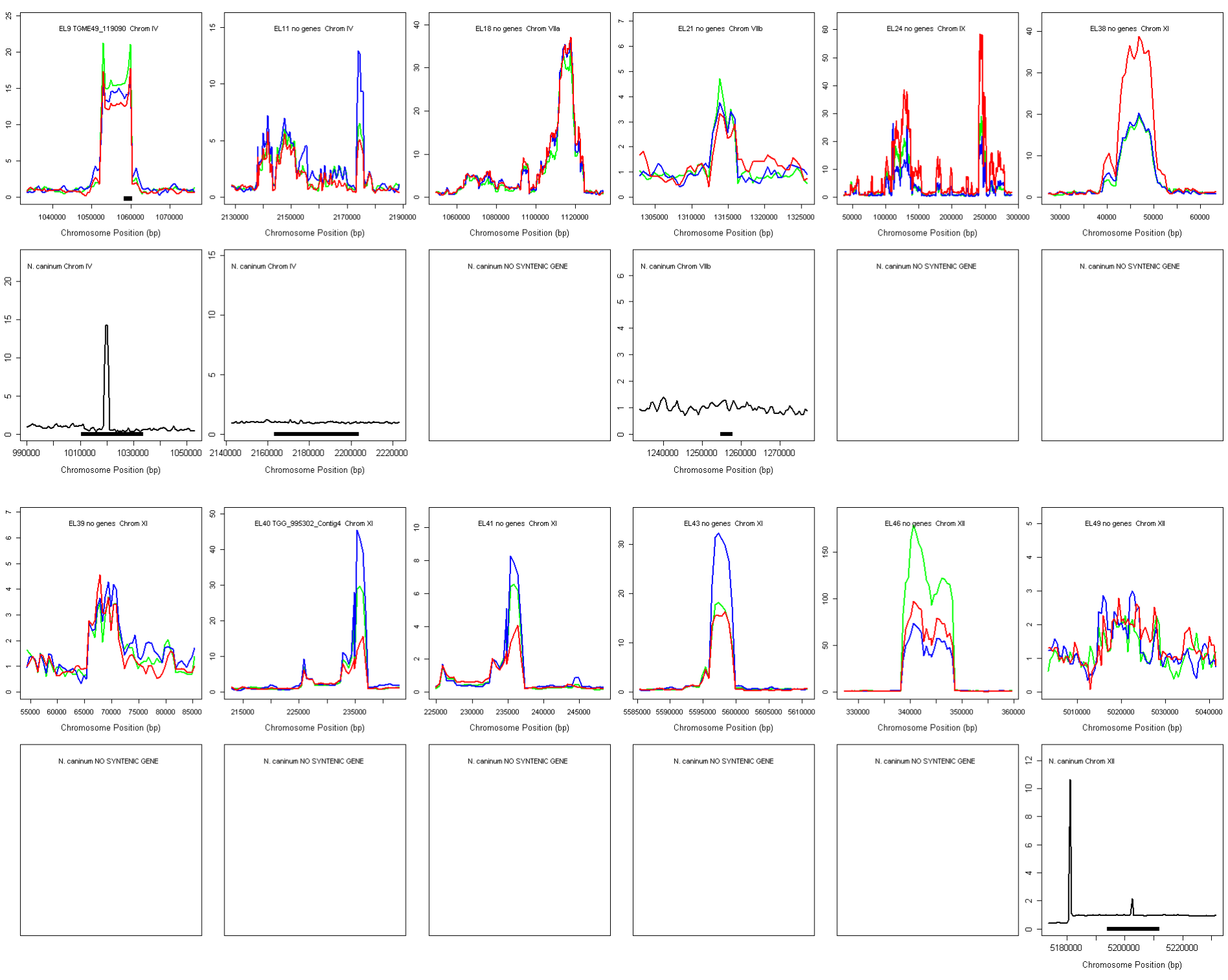

EL33 TGME49_035630 Chrom X
EL34 TGME49_036290 Chrom X
EL42 TGME49_114660 Chrom XI
EL44 TGME49_017230 Chrom XI
EL48 TGME49_000010 Chrom XII
Chromosome Position (bp)
N. caninum NO SYNTENIC GENE
N. caninum Chrom XII
P=1 Mean Raw Intensity: 1525
P=1 Mean Raw Intensity: 1863
P=1 Mean Raw Intensity: 1733
P=0.1 Mean Raw Intensity: 2349
P=1 Mean Raw Intensity: 1912
GT1
RH
ME49
PRU
VEG
CTG
Strain

Figure S2C:


EL9 TGME49_119090 Chrom IV
EL11 no genes Chrom IV
EL18 no genes Chrom VIIa
EL21 no genes Chrom VIIb
EL24 no genes Chrom IX
EL38 no genes Chrom XI
N. caninum Chrom IV
N. caninum NO SYNTENIC GENE
N. caninum Chrom VIIb
Chromosome Position (bp)
EL39 no genes Chrom XI
EL40 TGG_995302_Contig4 Chrom XI
EL41 no genes Chrom XI
EL43 no genes Chrom XI
EL46 no genes Chrom XII
EL49 no genes Chrom XII
N. caninum Chrom XII