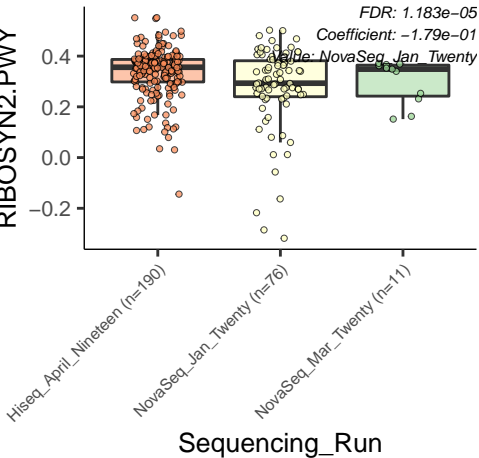


RIBOSYN2.PWY



FERMENTATION.PWY

FDR: 3.069e-05

Coefficient: -1.60e-01

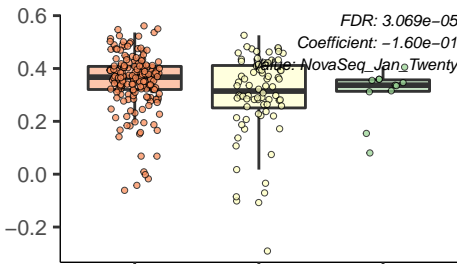
p-value: NovaSeq_Jan_Twenty

Hiseq_April_Nineteen (n=190)

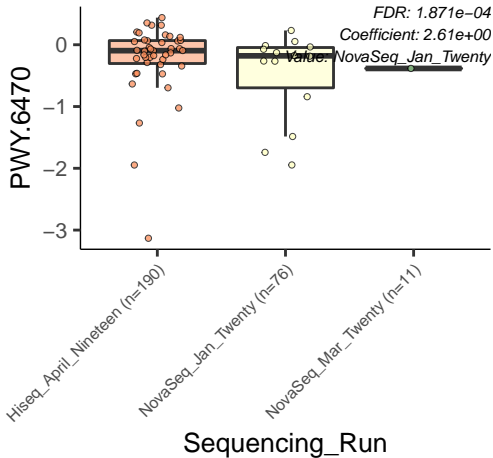
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

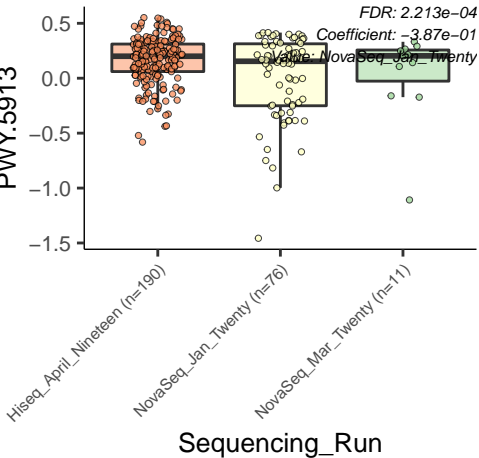
Sequencing_Run



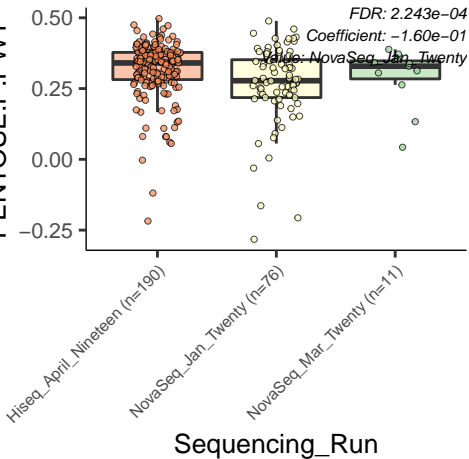
PWY.6470

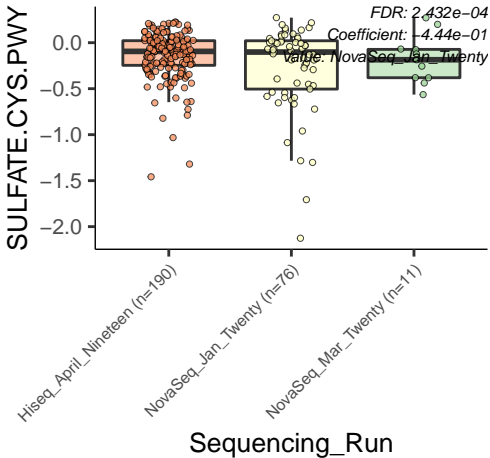


PWY.5913

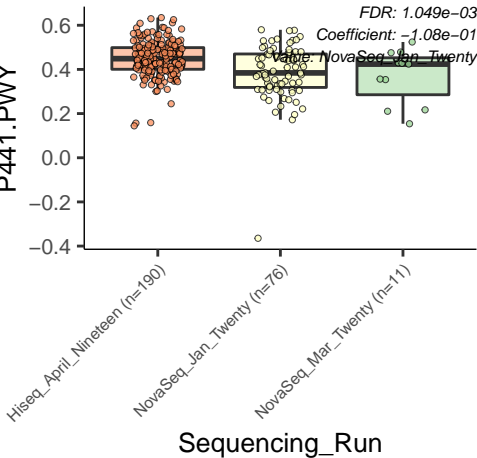


PENTOSE.P.PWY

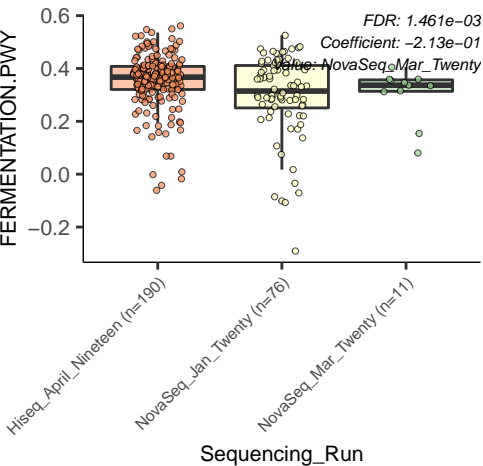




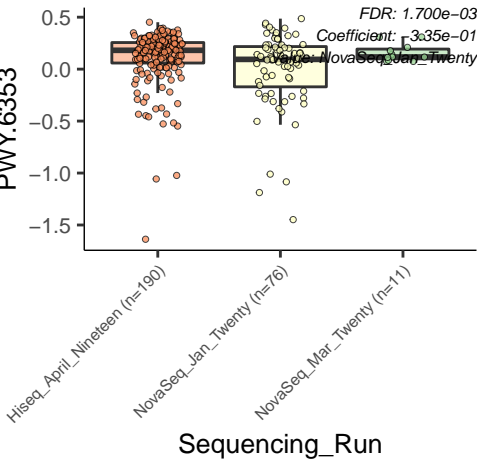
P441.PWY



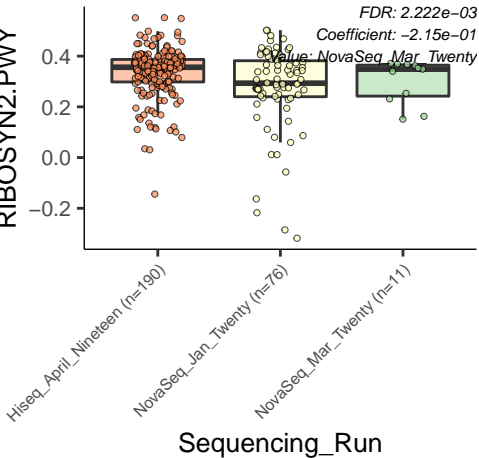
FERMENTATION.PWY



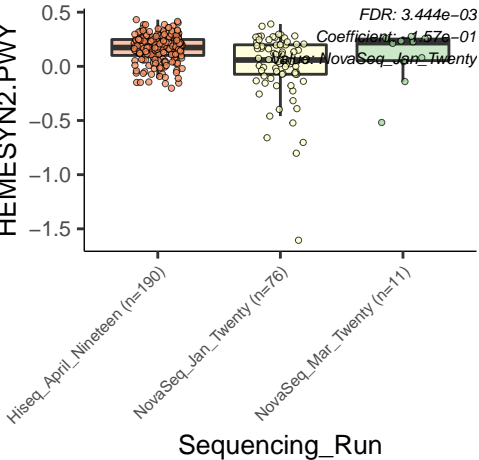
PWY.6353



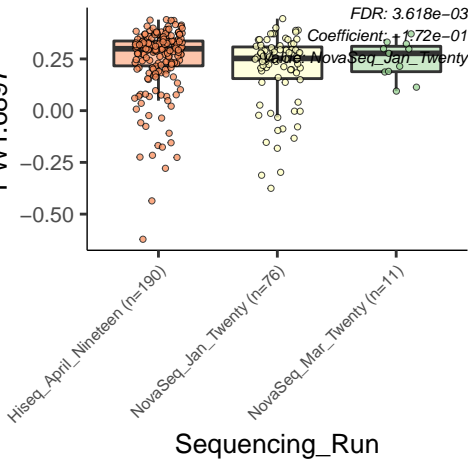
RIBOSYN2.PWY



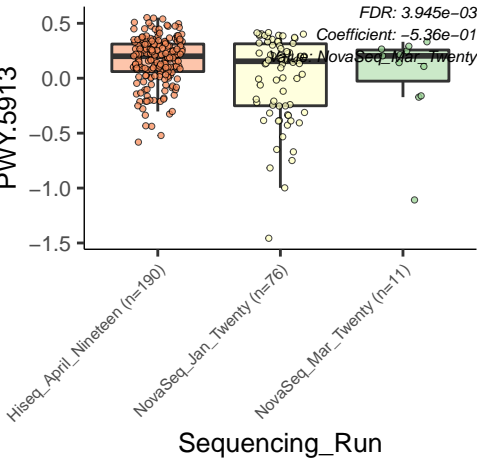
HEMESYN2.PWY

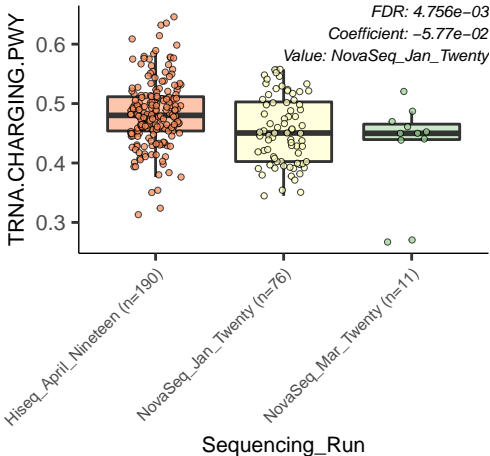


PWY.6897

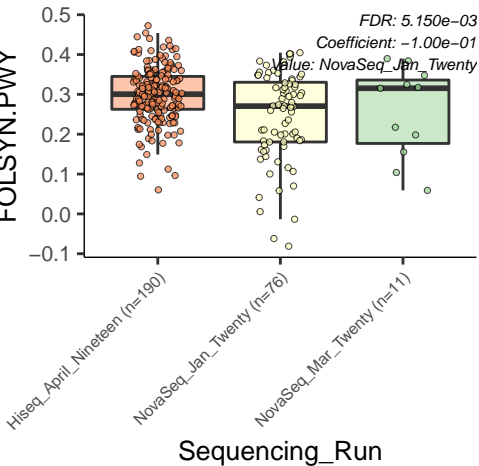


PWY.5913

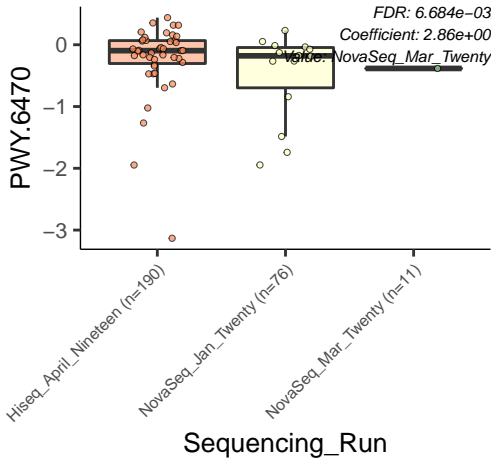




FOLSYN.PWY



PWY.6470



CALVIN.PWY

FDR: 8.222e-03

Coefficient: -7.10e-02

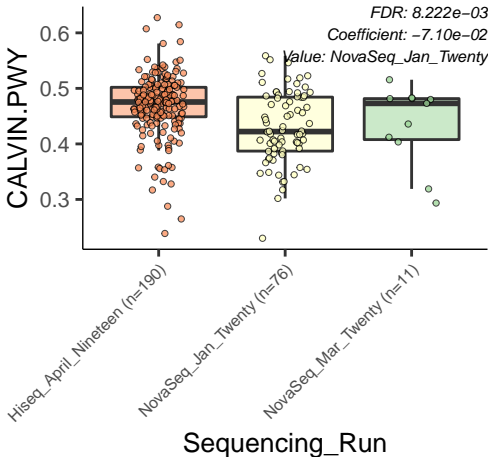
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

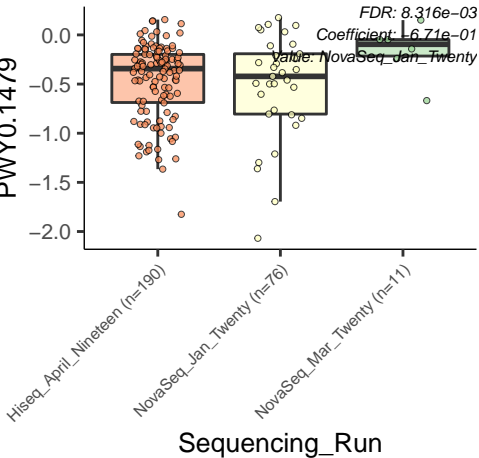
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

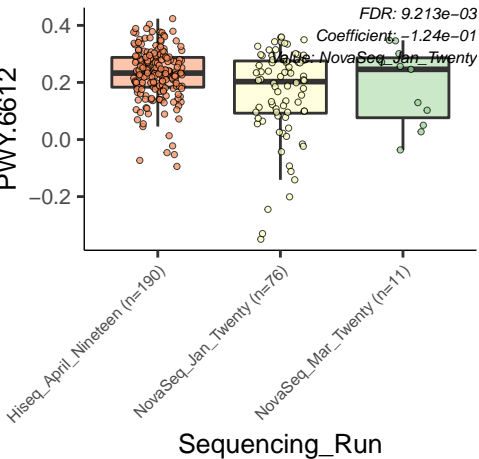
Sequencing_Run



PWY0.1479



PWY.6612



GLYCOLYSIS

0.8

0.6

0.4

FDR: 9.414e-03

Coefficient: -5.92e-02

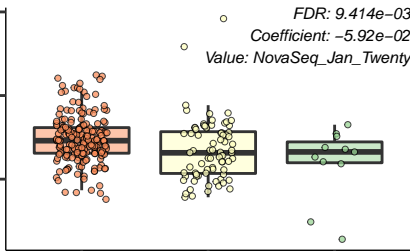
Value: NovaSeq_Jan_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.5484

FDR: 1.012e-02

Coefficient: -6.18e-02

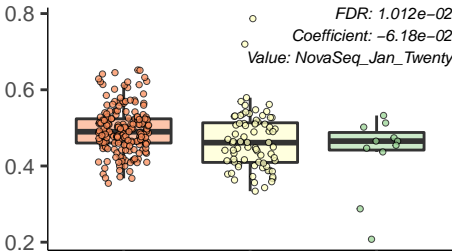
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

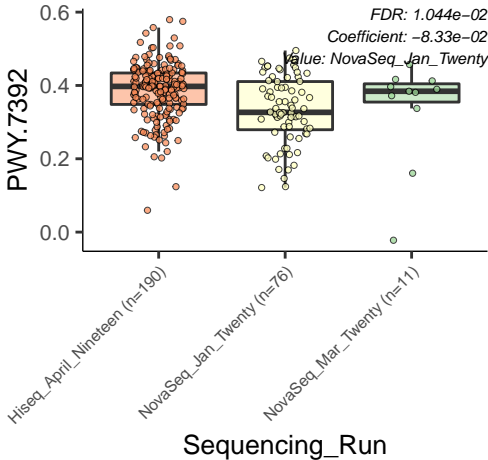
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7392



GLUCONEO.PWY

FDR: 1.054e-02

Coefficient: -6.06e-02

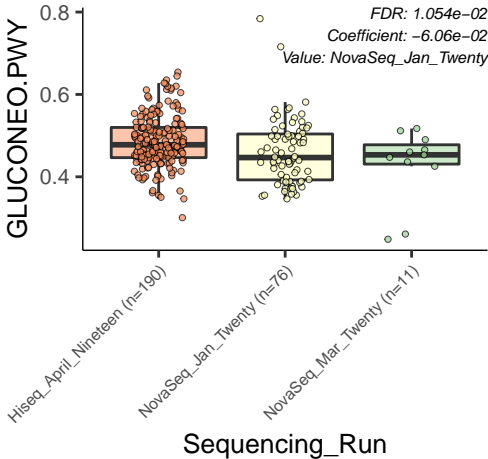
Value: NovaSeq_Jan_Twenty

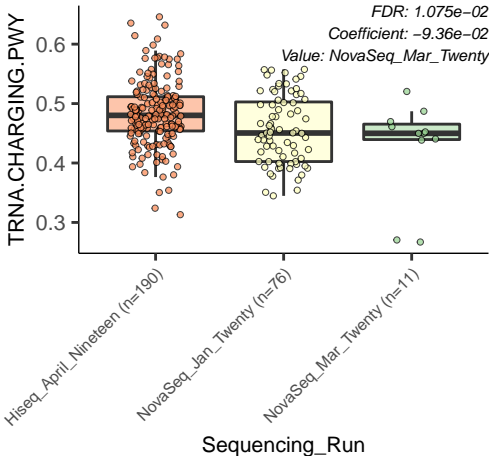
HiSeq_April_Nineteen (n=190)

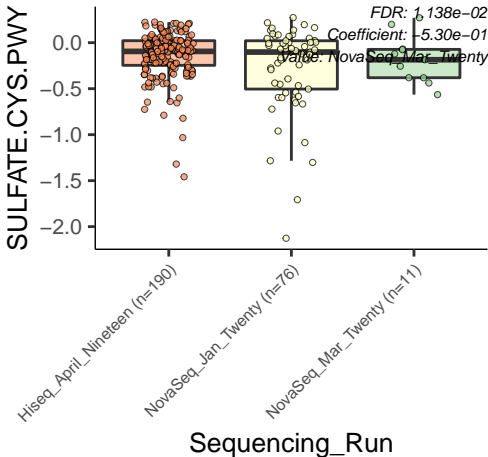
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

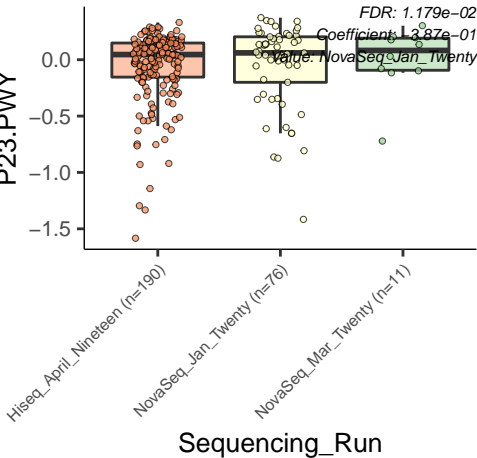
Sequencing_Run



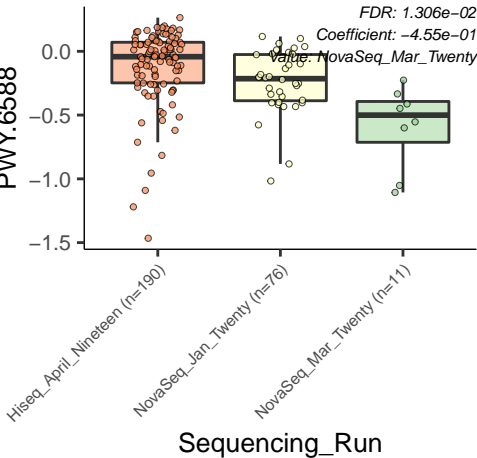




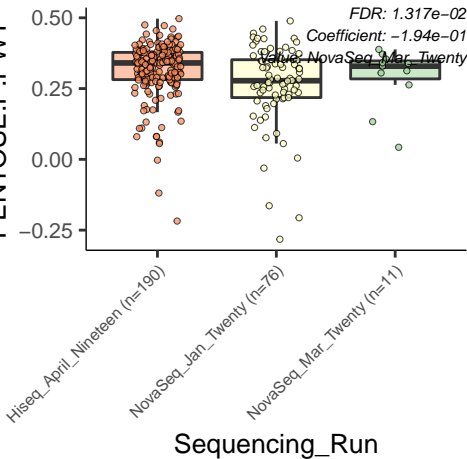
P23.PWY



PWY.6588



PENTOSE.P.PWY



PWY.621

FDR: 1.317e-02

Coefficient: -1.35e-01

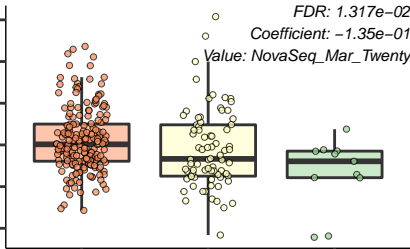
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



GLYCOLYSIS.E.D

FDR: 1.334e-02

Coefficient: -1.06e-01

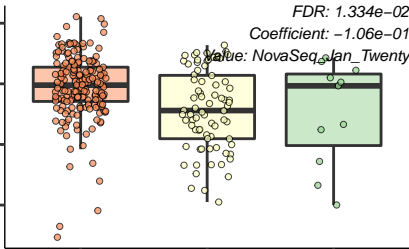
Value: NovaSeq_Jan_Twenty

Hiseq_April_Nineteen (n=190)

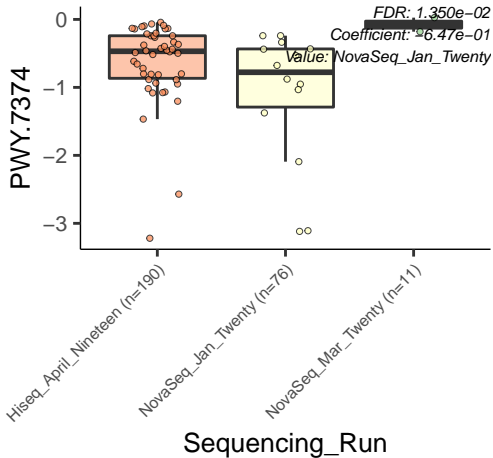
NovaSeq_Jan_Twenty (n=76)

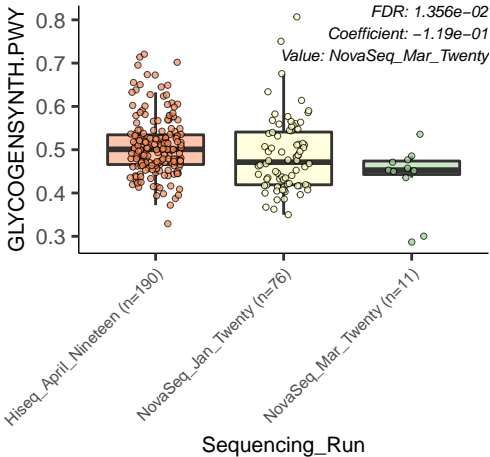
NovaSeq_Mar_Twenty (n=11)

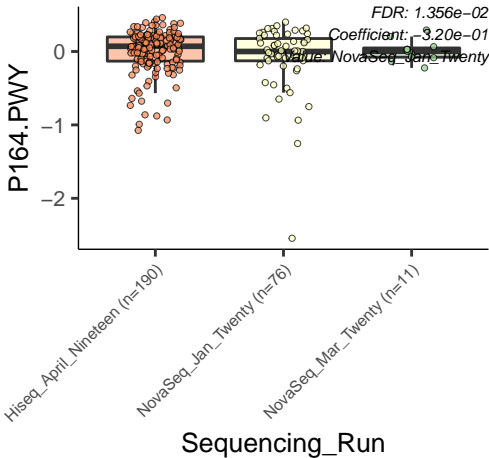
Sequencing_Run

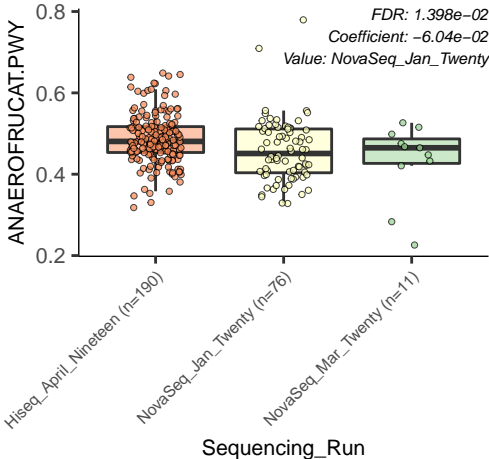


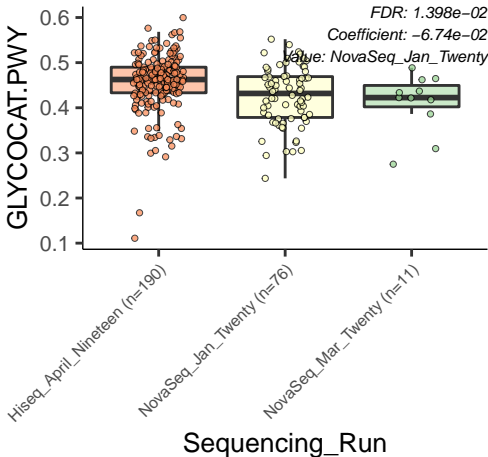
PWY.7374











PWY0.1586

FDR: 1.682e-02

Coefficient: -9.13e-02

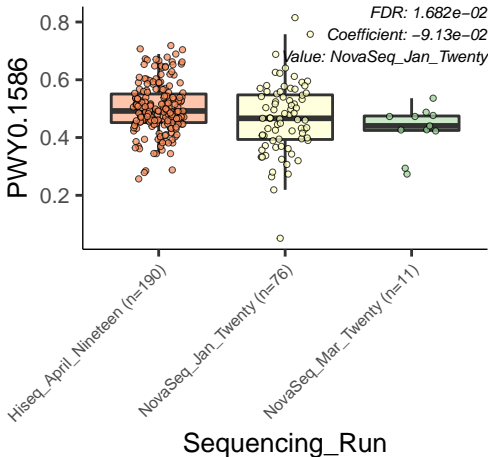
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



X1CMET2.PWY

FDR: 1.920e-02

Coefficient: -6.73e-02

Value: NovaSeq_Jan_Twenty

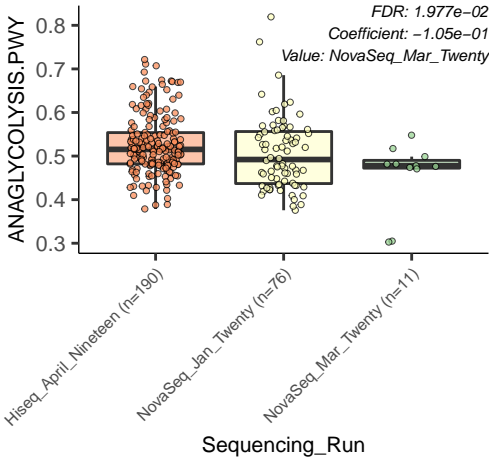
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

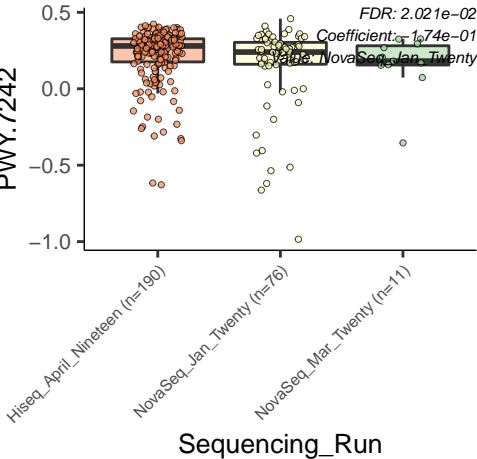
NovaSeq_Mar_Twenty (n=11)

Sequencing_Run

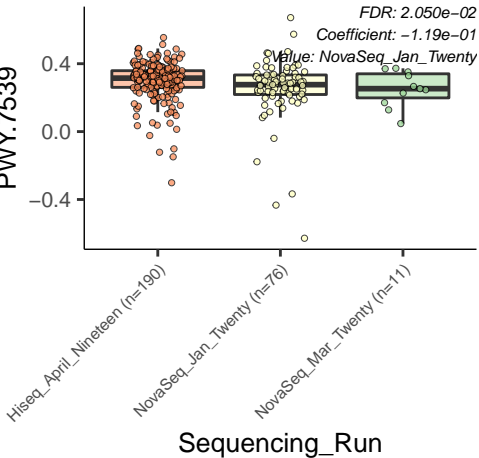
0.0
0.2
0.4



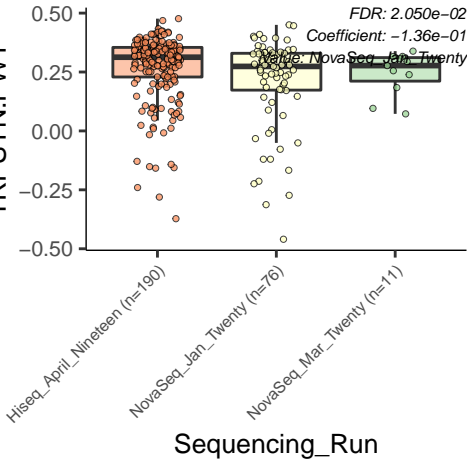
PWY.7242



PWY.7539



TRPSYN.PWY



GLYCOLYSIS

0.8

0.6

0.4

FDR: 2.098e-02

Coefficient: -9.46e-02

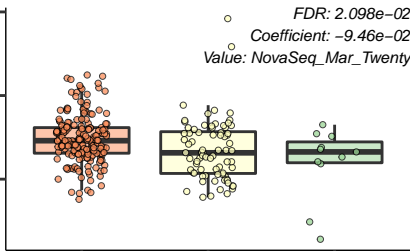
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.5484

FDR: 2.236e-02

Coefficient: -9.85e-02

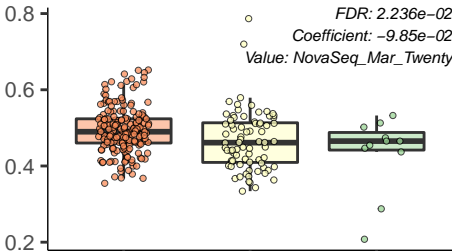
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.5097

FDR: 2.319e-02

Coefficient: -1.06e-01

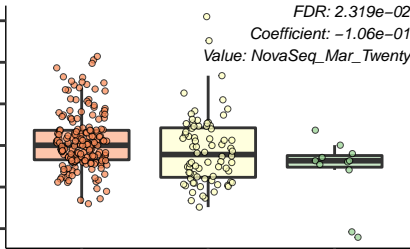
Value: NovaSeq_Mar_Twenty

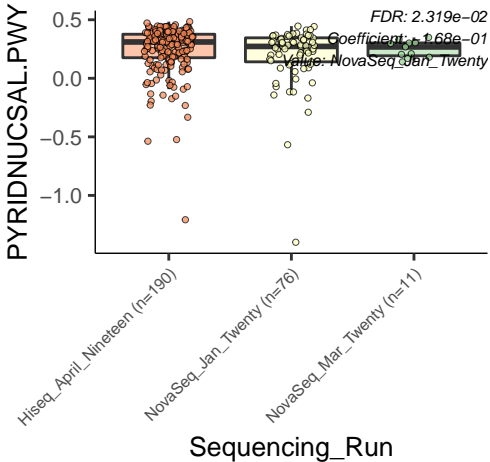
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

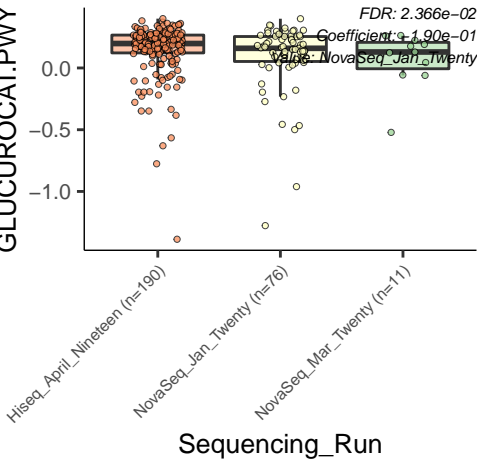
NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





GLUCUROCAT.PWY



PWY.3001

FDR: 2.395e-02

Coefficient: -5.84e-02

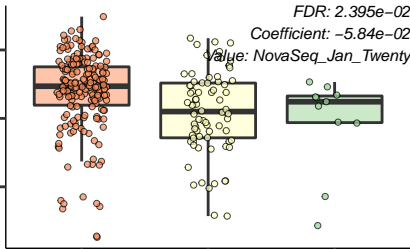
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

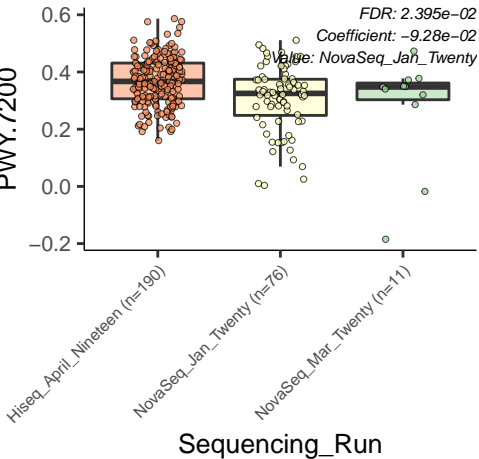
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7200



PWY.2942

FDR: 2.497e-02

Coefficient: -1.04e-01

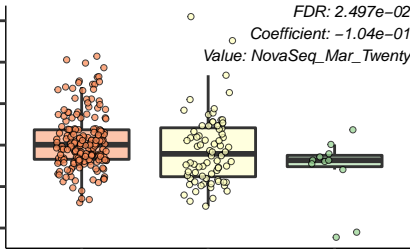
Value: NovaSeq_Mar_Twenty

Hiseq_April_Nineteen (n=190)

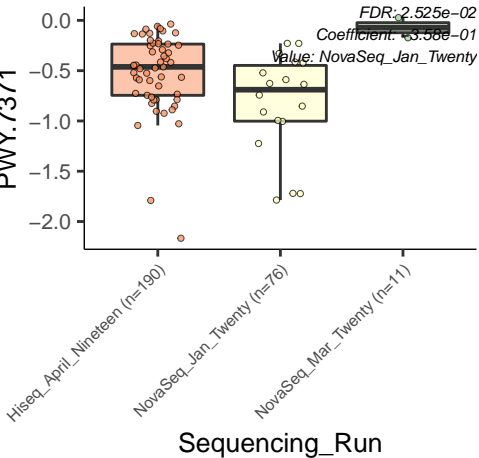
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7371



PWY4FS.7

FDR: 2.525e-02

Coefficient: -1.11e-01

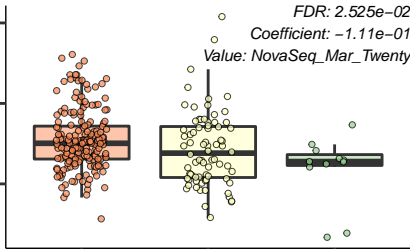
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY4FS.8

FDR: 2.525e-02

Coefficient: -1.11e-01

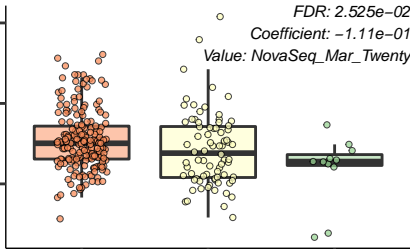
Value: NovaSeq_Mar_Twenty

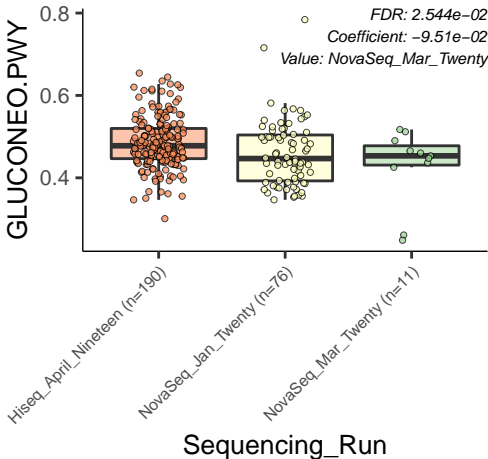
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

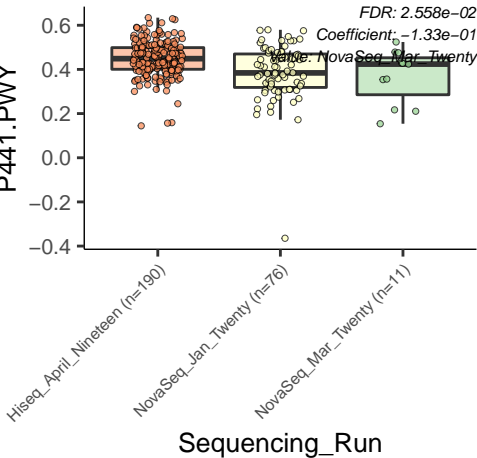
NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





P441.PWY



PWY.7219

FDR: 2.615e-02

Coefficient: -1.01e-01

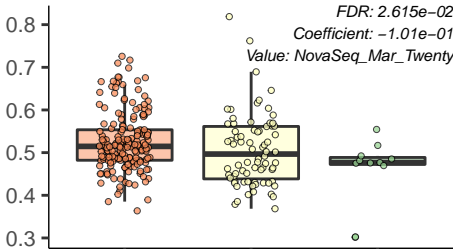
Value: NovaSeq_Mar_Twenty

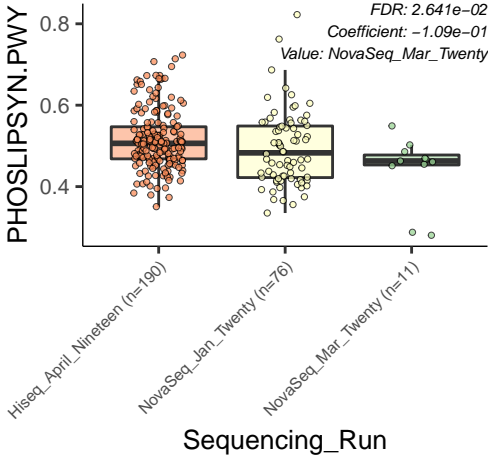
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





PWY.5667

FDR: 2.641e-02

Coefficient: -1.04e-01

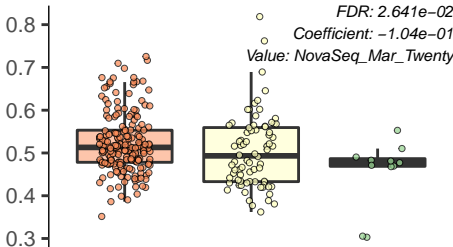
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY0.1319

FDR: 2.641e-02

Coefficient: -1.04e-01

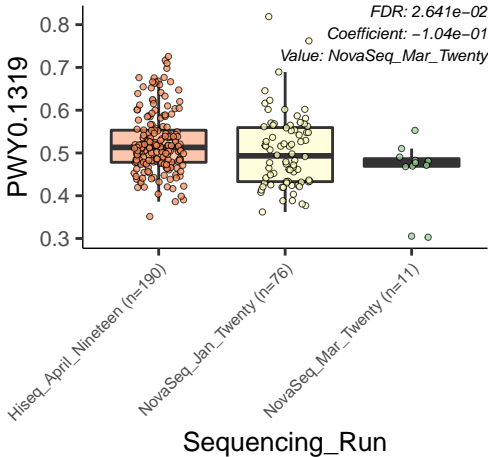
Value: NovaSeq_Mar_Twenty

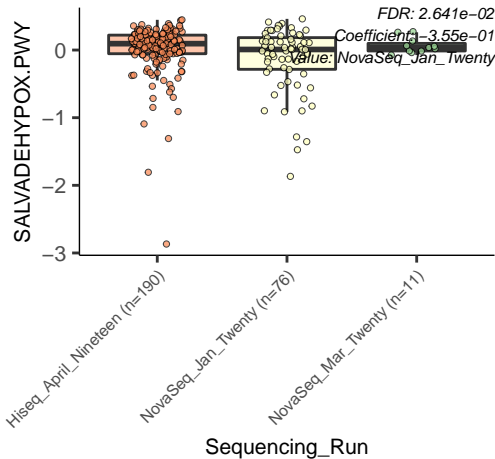
HiSeq_April_Nineteen (n=190)

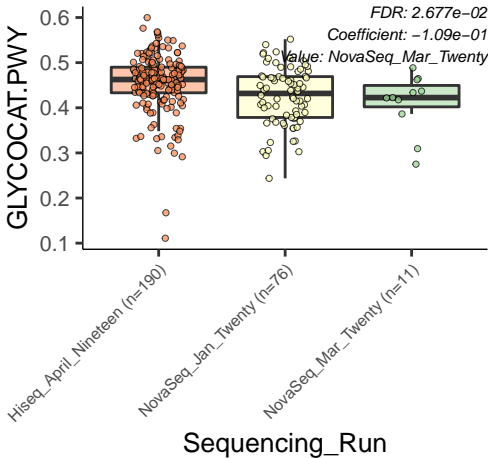
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run







PWY.5686

FDR: 2.748e-02

Coefficient: -1.03e-01

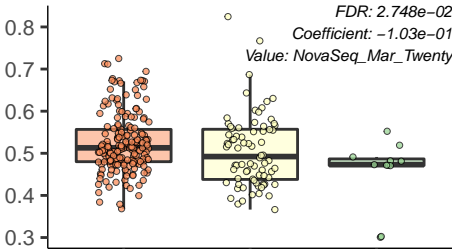
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7221

FDR: 2.758e-02

Coefficient: -1.06e-01

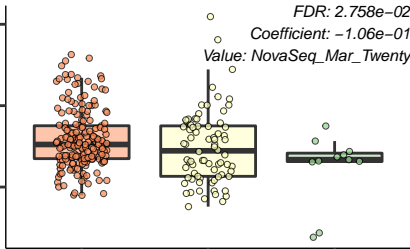
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.621

FDR: 2.906e-02

Coefficient: -6.66e-02

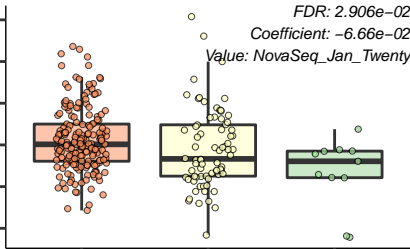
Value: NovaSeq_Jan_Twenty

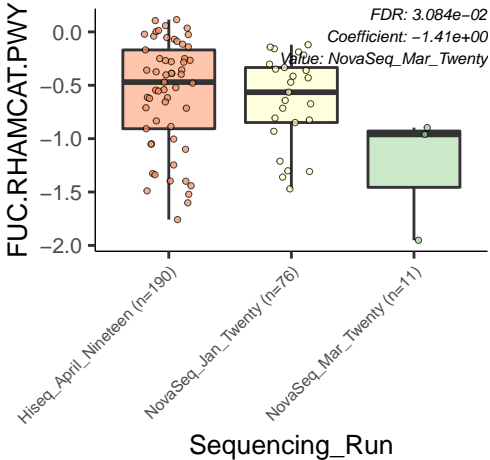
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





PWY.6386

FDR: 3.132e-02

Coefficient: -1.04e-01

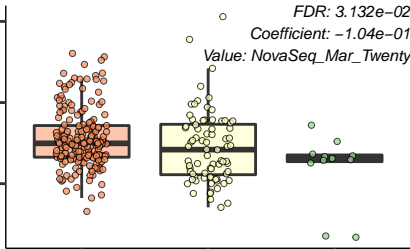
Value: NovaSeq_Mar_Twenty

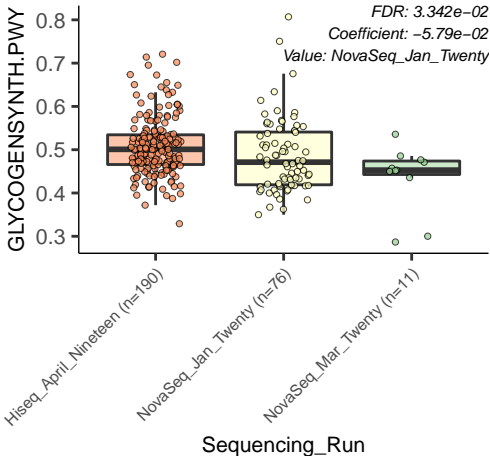
HiSeq_April_Nineteen (n=190)

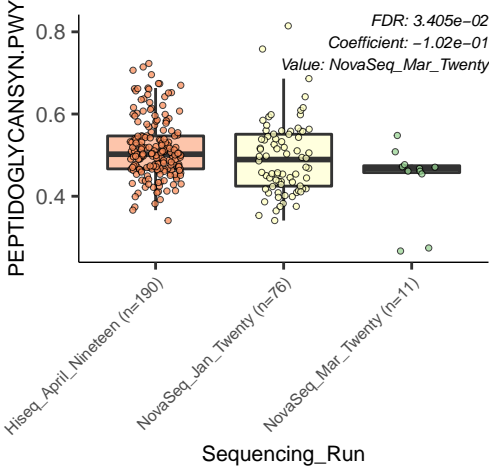
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

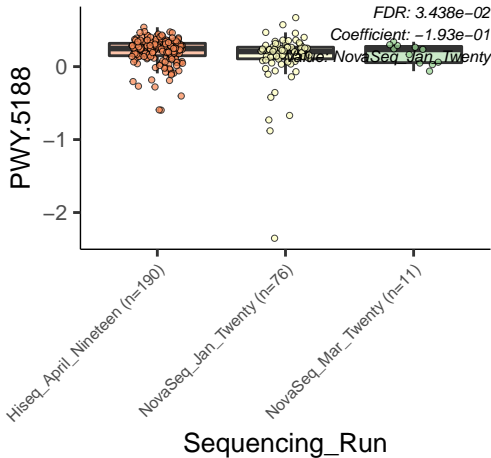
Sequencing_Run







PWY.5188



GLCMANNANAUT.PWY

FDR: 3.469e-02

Coefficient: -1.49e-01

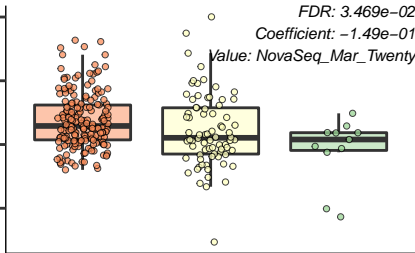
Value: NovaSeq_Mar_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6385

FDR: 3.469e-02

Coefficient: -1.04e-01

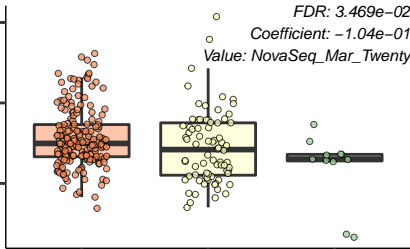
Value: NovaSeq_Mar_Twenty

Hiseq_April_Nineteen (n=190)

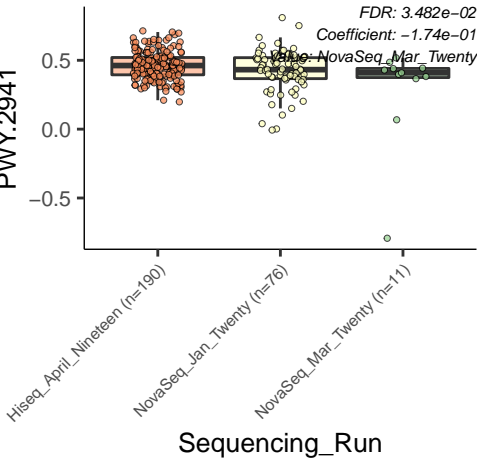
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

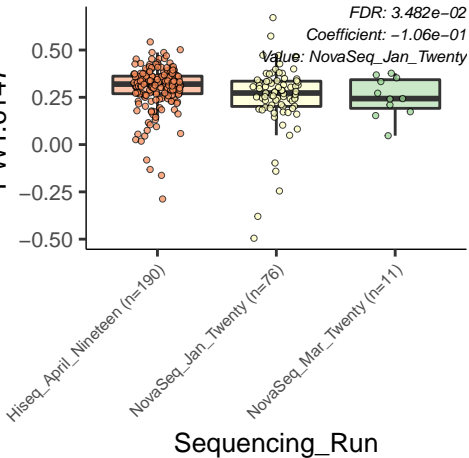
Sequencing_Run



PWY.2941



PWY.6147



PWY.6387

FDR: 3.482e-02

Coefficient: -1.01e-01

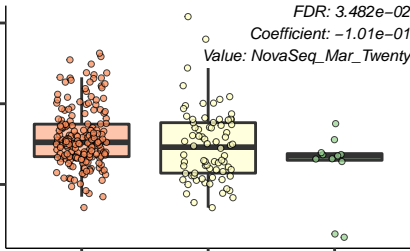
Value: NovaSeq_Mar_Twenty

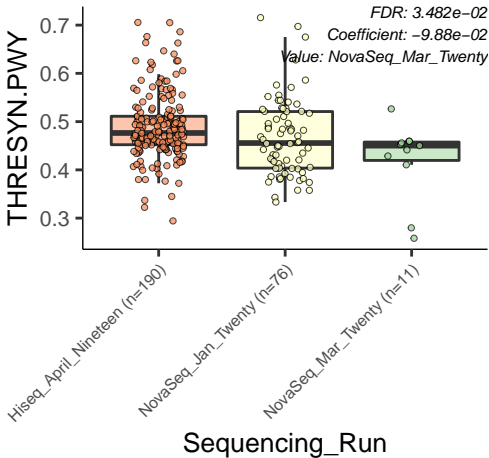
Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





PWY.5100

FDR: 3.509e-02

Coefficient: -1.01e-01

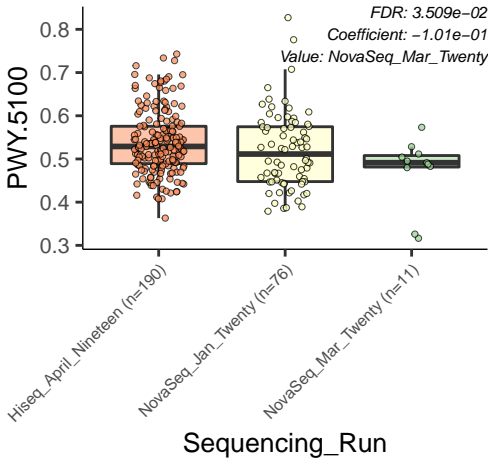
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY4FS.7

FDR: 3.509e-02

Coefficient: -5.83e-02

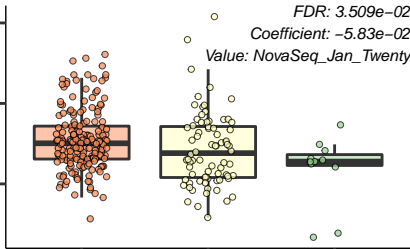
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY4FS.8

FDR: 3.509e-02

Coefficient: -5.83e-02

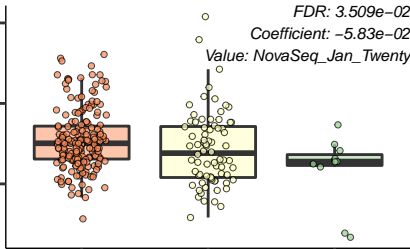
Value: NovaSeq_Jan_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7208

FDR: 3.548e-02

Coefficient: -9.80e-02

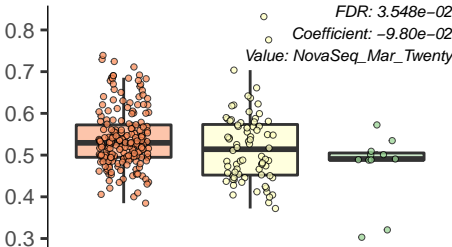
Value: NovaSeq_Mar_Twenty

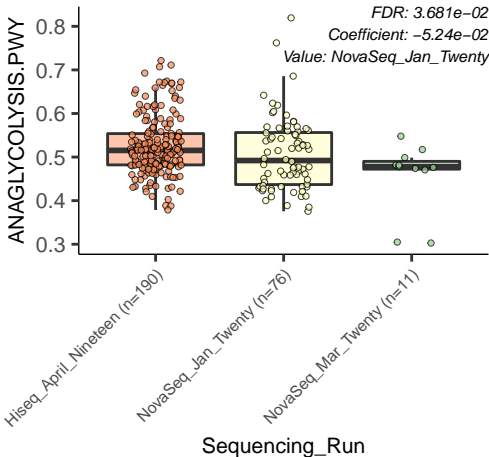
HiSeq_April_Nineteen (n=190)

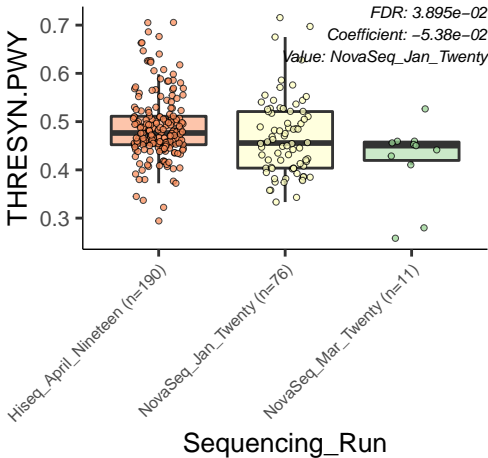
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

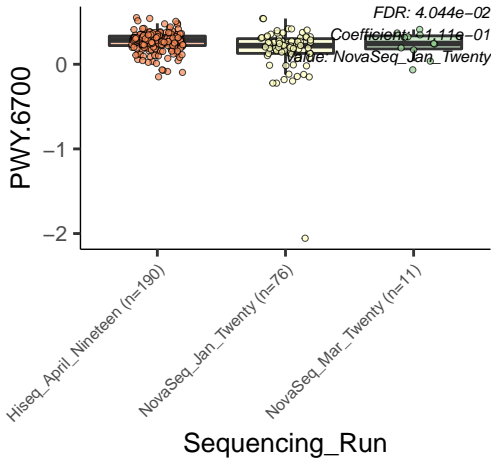
Sequencing_Run







PWY.6700



PWY.6126

FDR: 4.063e-02

Coefficient: -1.00e-01

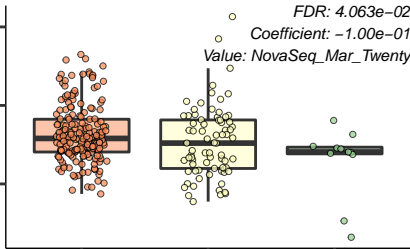
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7229

FDR: 4.074e-02

Coefficient: -9.83e-02

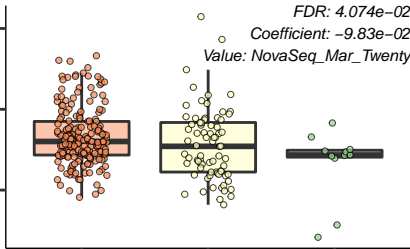
Value: NovaSeq_Mar_Twenty

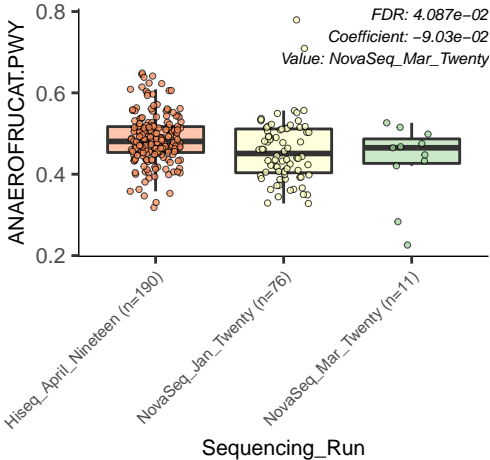
Hiseq_April_Nineteen (n=190)

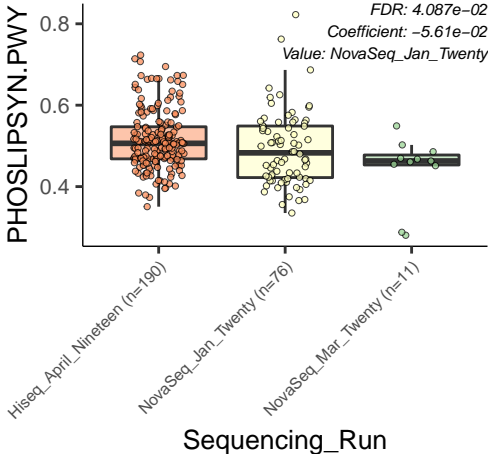
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run







PWY.6317

FDR: 4.087e-02

Coefficient: -1.02e-01

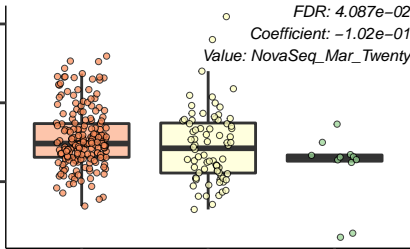
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

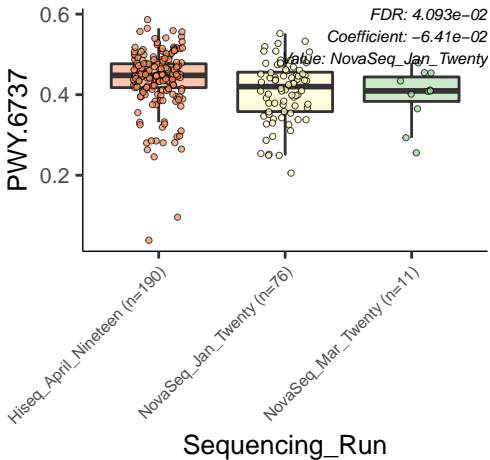
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6737



PWY.5667

FDR: 4.171e-02

Coefficient: -5.30e-02

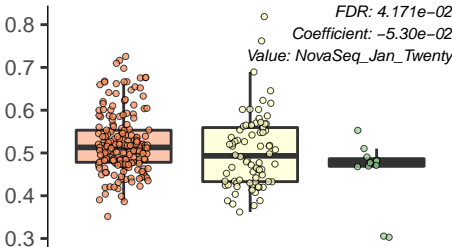
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY0.1319

FDR: 4.171e-02

Coefficient: -5.30e-02

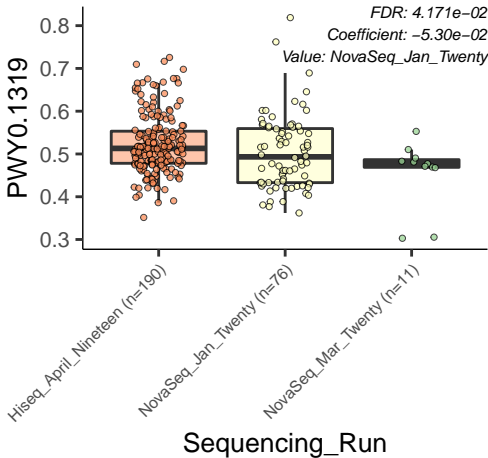
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY0.1586

FDR: 4.249e-02

Coefficient: -1.39e-01

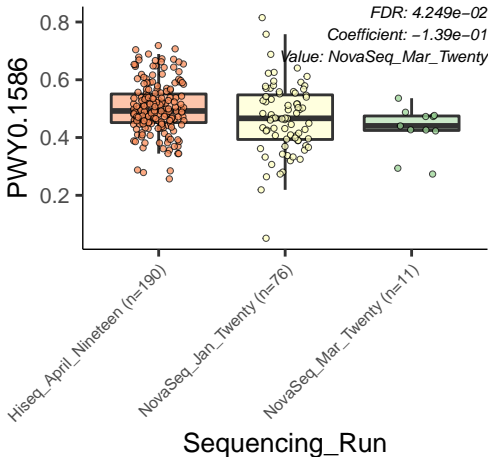
Value: NovaSeq_Mar_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



COA.PWY

FDR: 4.279e-02

Coefficient: -1.03e-01

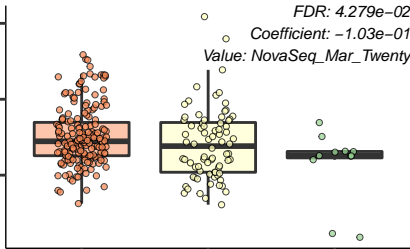
Value: NovaSeq_Mar_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.5097

FDR: 4.300e-02

Coefficient: -5.22e-02

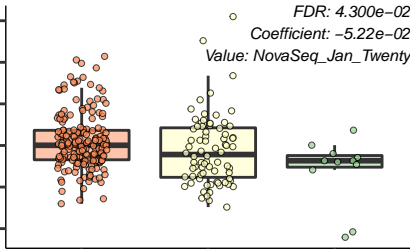
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

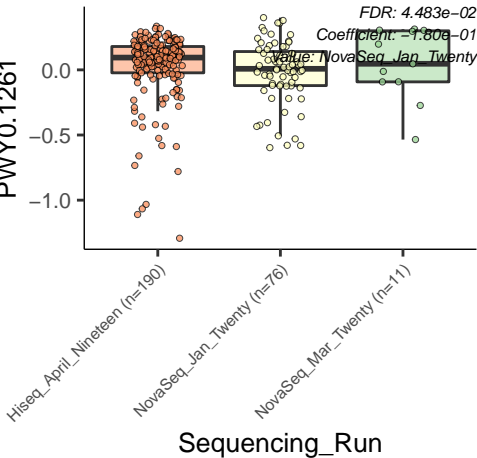
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY0.1261



PWY.5100

FDR: 4.542e-02

Coefficient: -5.35e-02

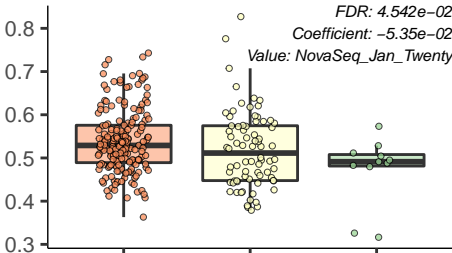
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

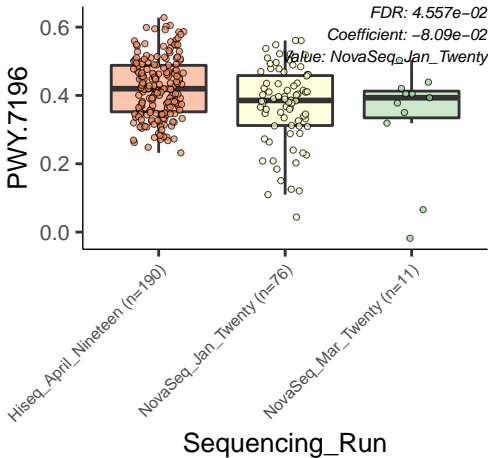
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7196



PWY.7219

FDR: 4.632e-02

Coefficient: -5.05e-02

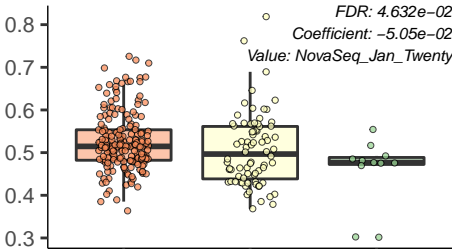
Value: NovaSeq_Jan_Twenty

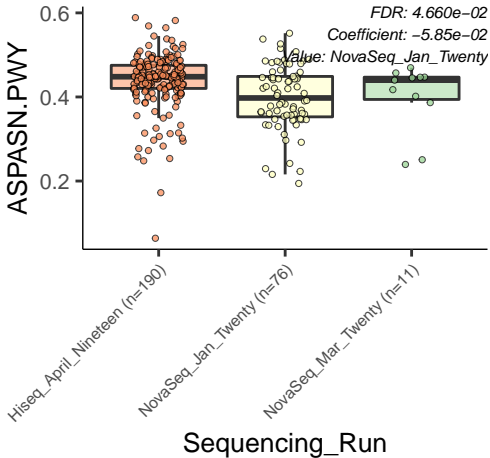
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





PWY.2942

FDR: 4.660e-02

Coefficient: -5.13e-02

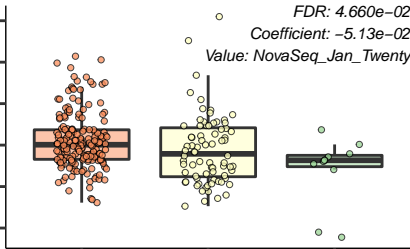
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY0.1297

FDR: 4.660e-02

Coefficient: -6.81e-02

Value: NovaSeq_Jan_Twenty

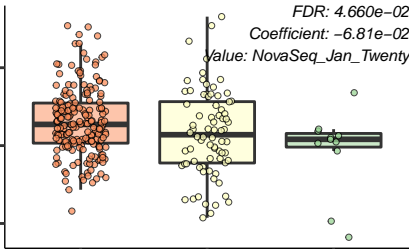
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run

0.2
0.4
0.6



PWY.7221

FDR: $4.774e-02$

Coefficient: $-5.32e-02$

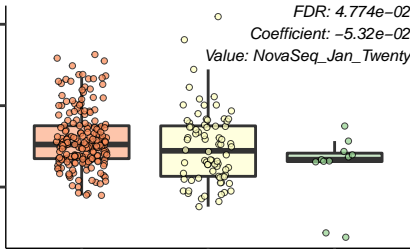
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

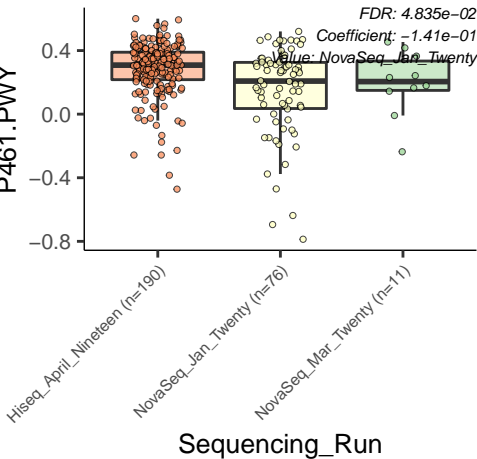
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

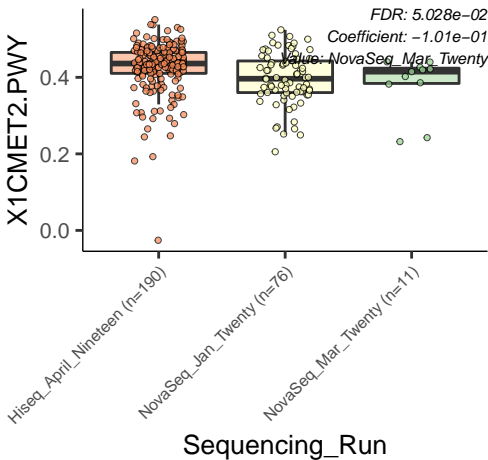
Sequencing_Run



P461.PWY



X1CMET2.PWY



PWY.5686

FDR: 5.127e-02

Coefficient: -5.06e-02

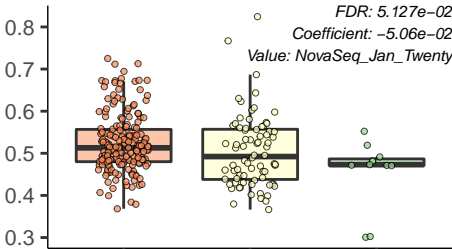
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6386

FDR: 5.140e-02

Coefficient: -5.21e-02

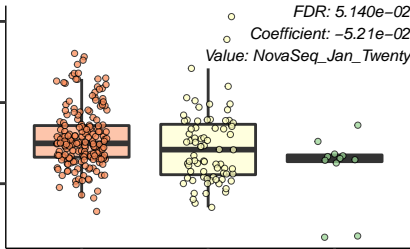
Value: NovaSeq_Jan_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6385

FDR: 5.305e-02

Coefficient: -5.29e-02

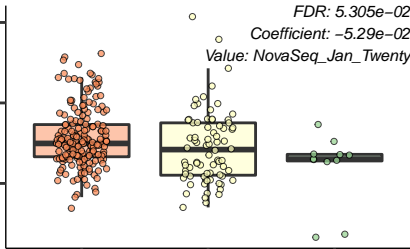
Value: NovaSeq_Jan_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



GLCMANNANAUT.PWY

FDR: 5.450e-02

Coefficient: -7.58e-02

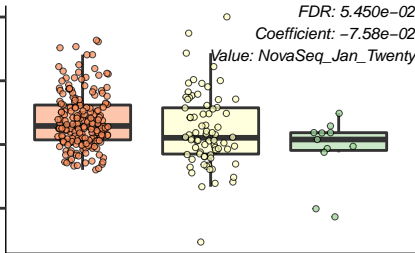
Value: NovaSeq_Jan_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6609

FDR: 5.622e-02

Coefficient: -5.34e-02

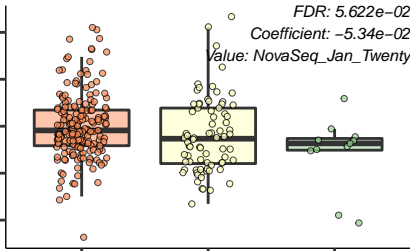
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7111

FDR: 5.666e-02

Coefficient: -5.91e-02

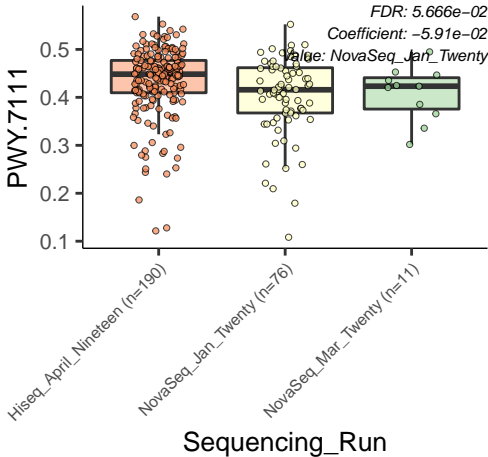
Value: NovaSeq_Jan_Twenty

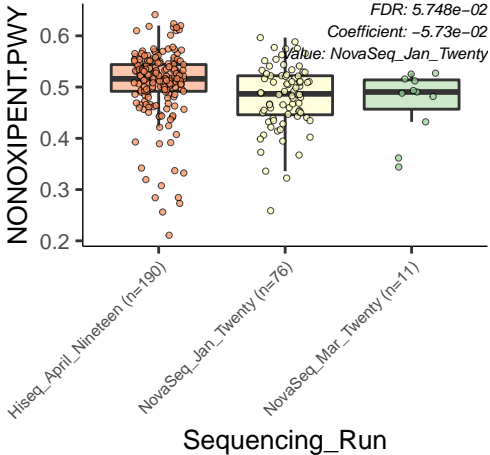
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

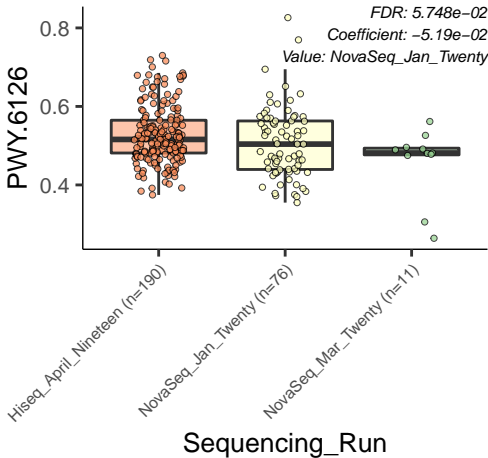
NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





PWY.6126



PWY.7208

FDR: 5.784e-02

Coefficient: -4.93e-02

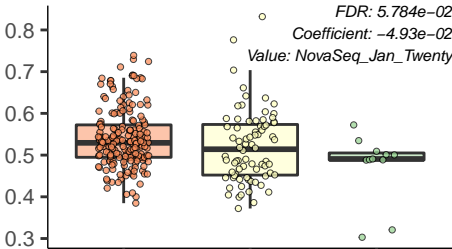
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7229

FDR: 5.815e-02

Coefficient: -5.06e-02

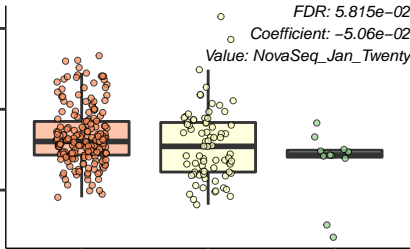
Value: NovaSeq_Jan_Twenty

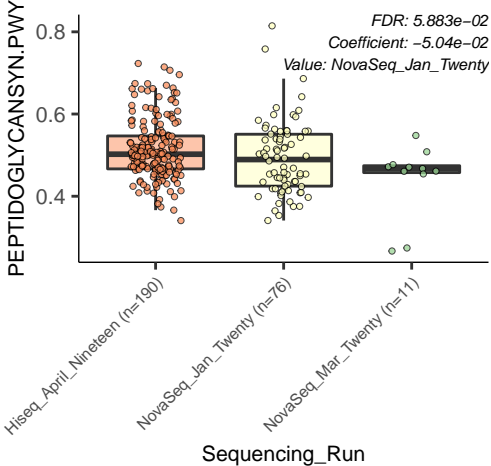
Hiseq_April_Nineteen (n=190)

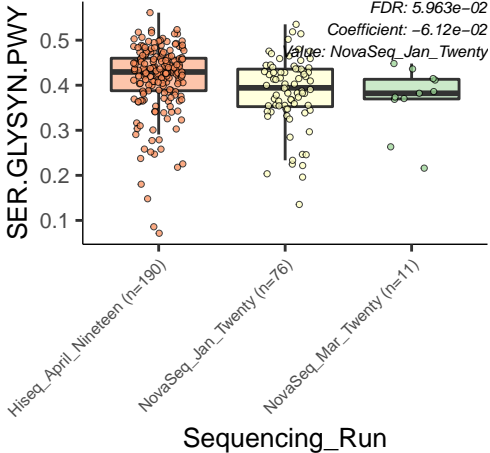
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





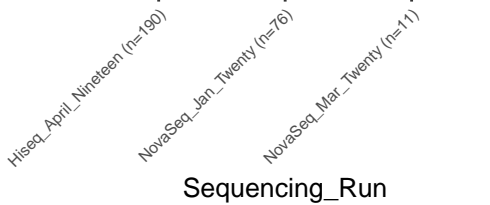


PWY.6387

FDR: 6.055e-02

Coefficient: -4.99e-02

Value: NovaSeq_Jan_Twenty



PWY.6471

FDR: 6.055e-02

Coefficient: -7.60e-02

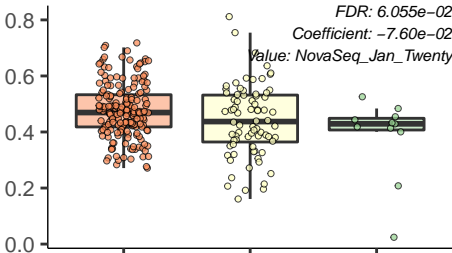
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

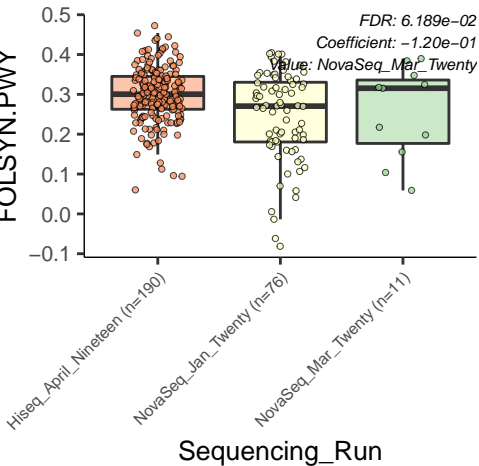
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

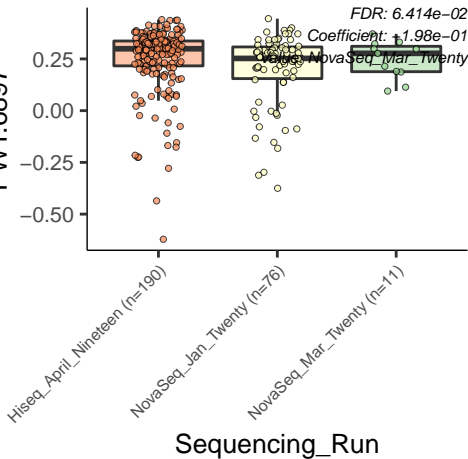
Sequencing_Run



FOLSYN.PWY



PWY.6897



PWY.3001

FDR: 6.709e-02

Coefficient: -8.47e-02

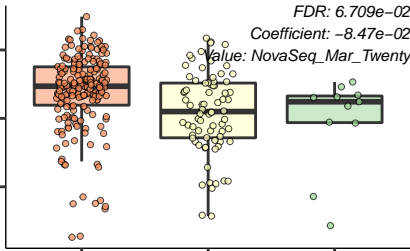
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

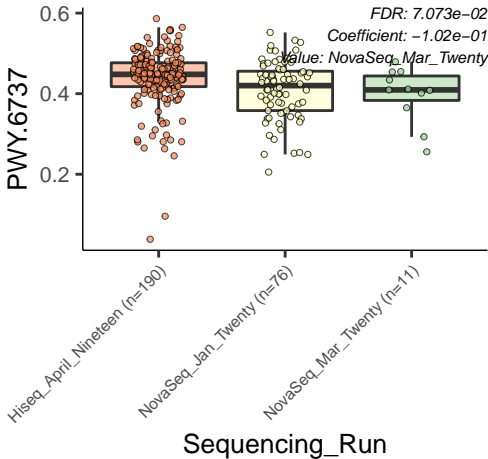
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6737



PWY.7663

FDR: 7.133e-02

Coefficient: -5.29e-02

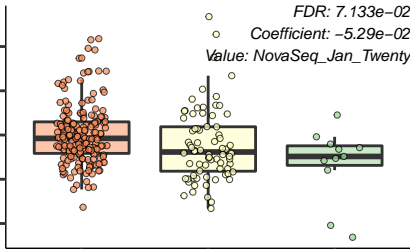
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

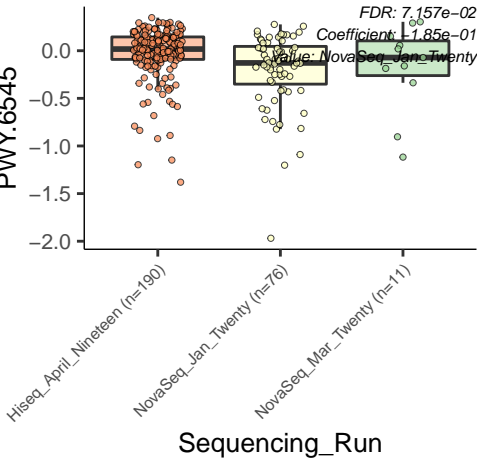
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6545



PWY0.1297

FDR: 7.263e-02

Coefficient: -1.11e-01

Value: NovaSeq_Mar_Twenty

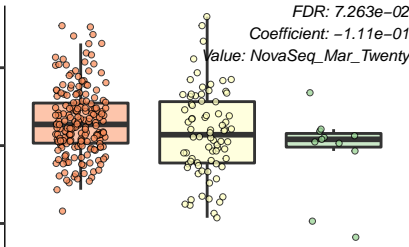
Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run

0.2
0.4
0.6



PWY.5973

FDR: $7.308e-02$

Coefficient: $-5.44e-02$

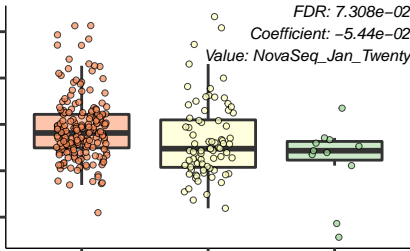
Value: NovaSeq_Jan_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6471

FDR: 7.308e-02

Coefficient: -1.31e-01

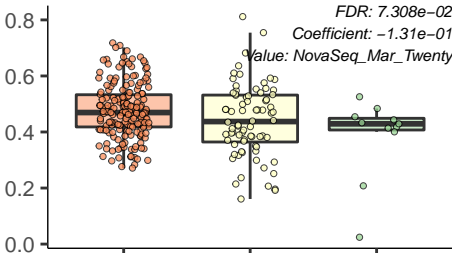
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

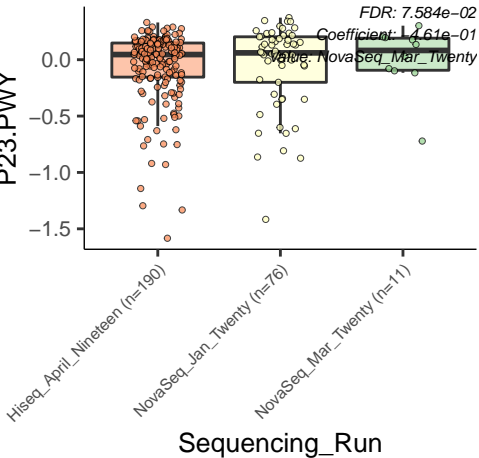
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

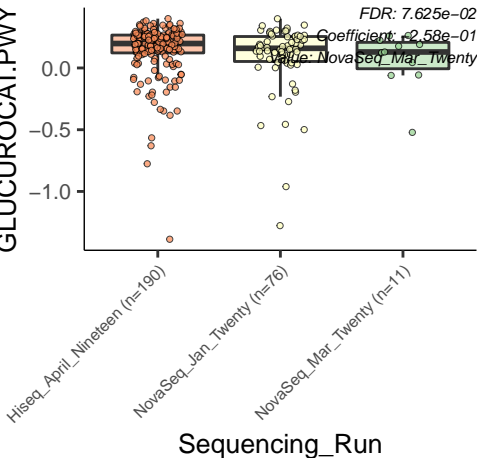
Sequencing_Run



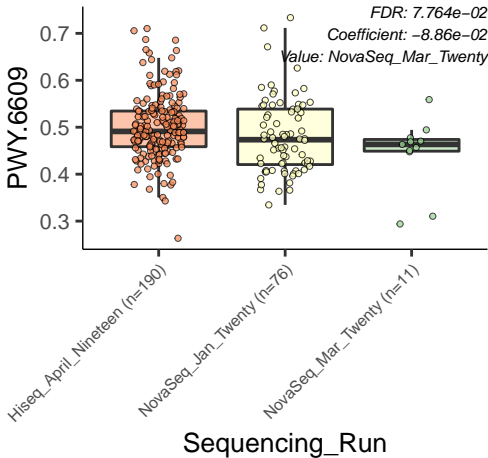
P23.PWY

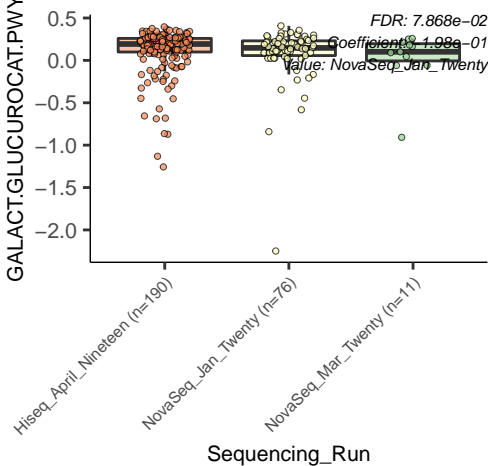


GLUCUROCAT.PWY



PWY.6609





PWY.6317

FDR: $7.868e-02$

Coefficient: $-4.86e-02$

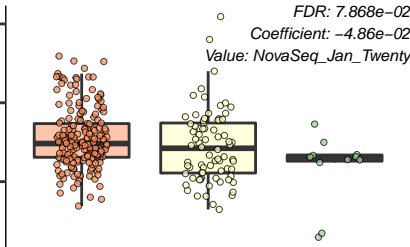
Value: NovaSeq_Jan_Twenty

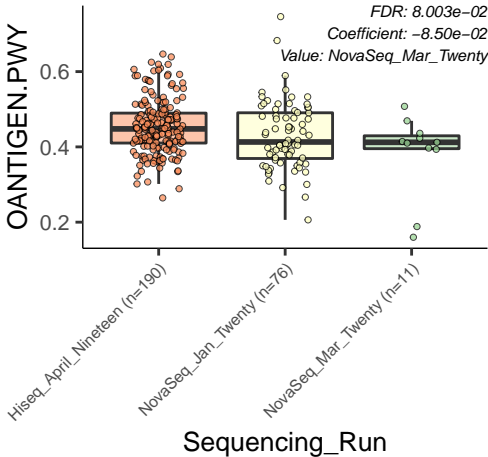
HiSeq_April_Nineteen (n=190)

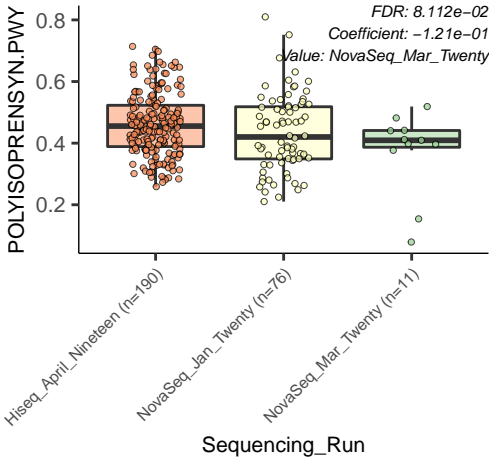
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run







PWY.6123

FDR: $8.155e-02$

Coefficient: $-9.11e-02$

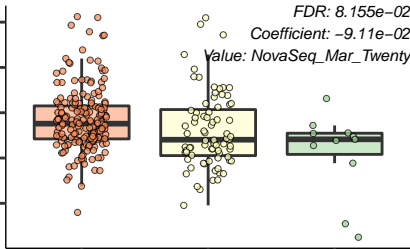
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



COA.PWY

FDR: 8.240e-02

Coefficient: -4.89e-02

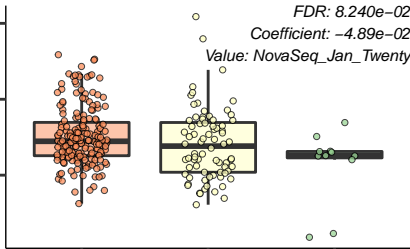
Value: NovaSeq_Jan_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6123

FDR: $8.393e-02$

Coefficient: $-5.00e-02$

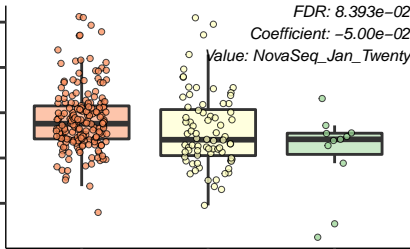
Value: NovaSeq_Jan_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run

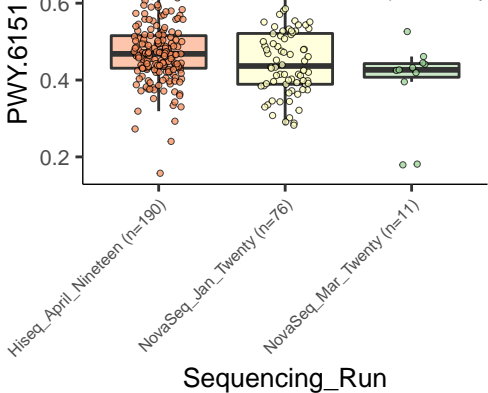


PWY.6151

FDR: $8.401e-02$

Coefficient: $-1.00e-01$

Value: NovaSeq_Mar_Twenty



PWY.7400

FDR: 8.409e-02

Coefficient: -5.12e-02

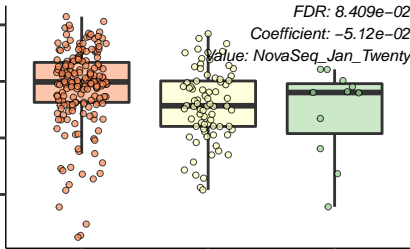
Value: NovaSeq_Jan_Twenty

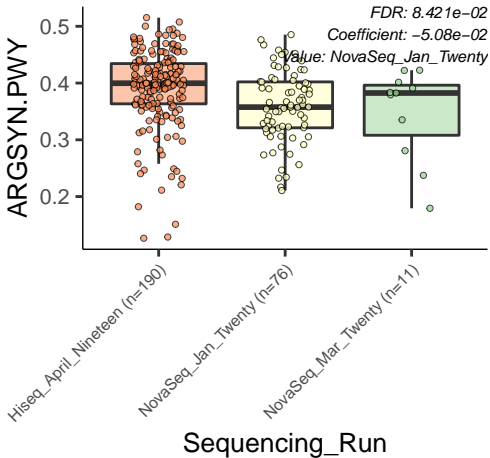
Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





PWY.6121

FDR: $8.514e-02$

Coefficient: $-4.87e-02$

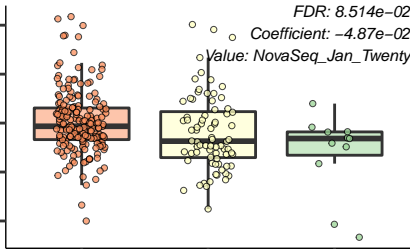
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6122

FDR: 8.531e-02

Coefficient: -4.91e-02

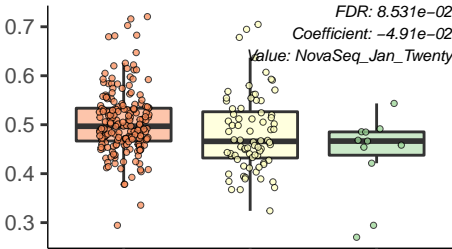
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6277

FDR: 8.531e-02

Coefficient: -4.91e-02

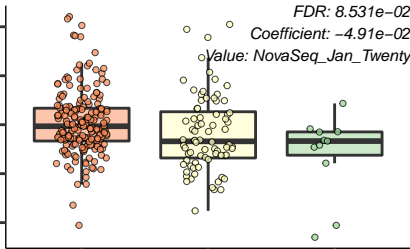
Value: NovaSeq_Jan_Twenty

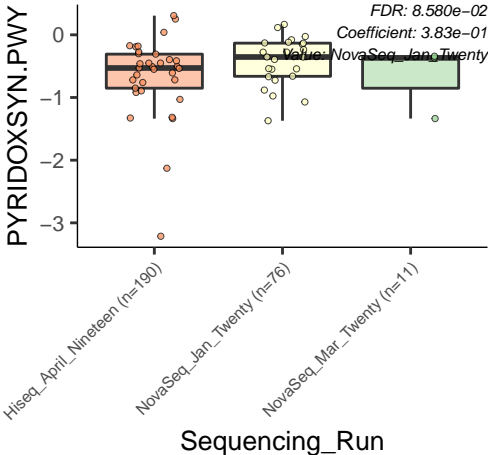
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

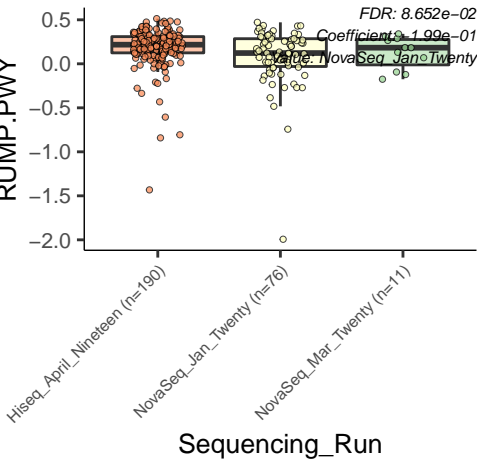
NovaSeq_Mar_Twenty (n=11)

Sequencing_Run

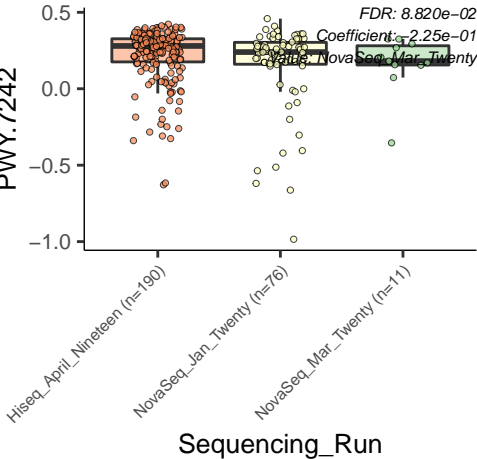


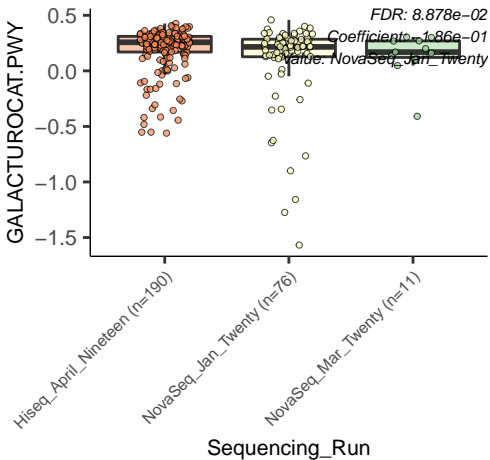


RUMP.PWY



PWY.7242





OANTIGEN.PWY

FDR: 8.973e-02

Coefficient: -4.56e-02

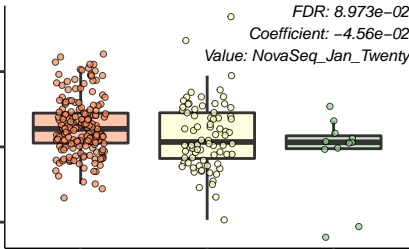
Value: NovaSeq_Jan_Twenty

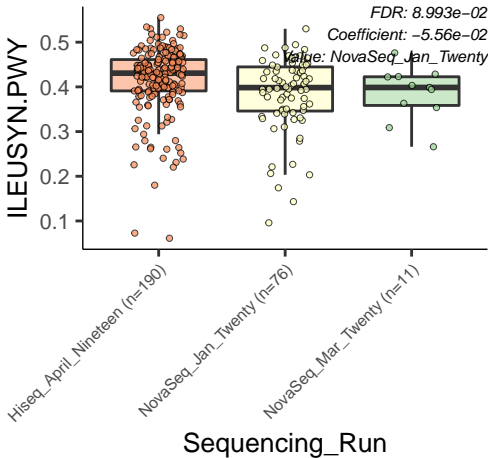
Hiseq_April_Nineteen (n=190)

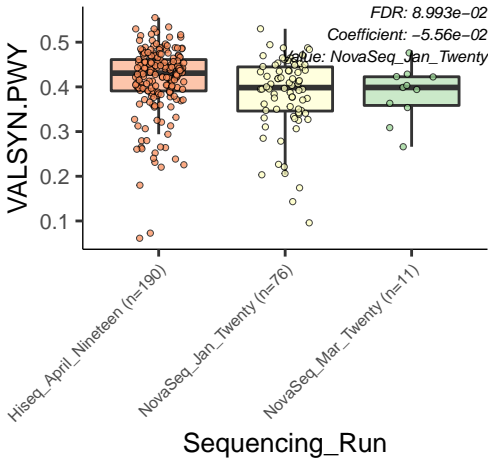
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

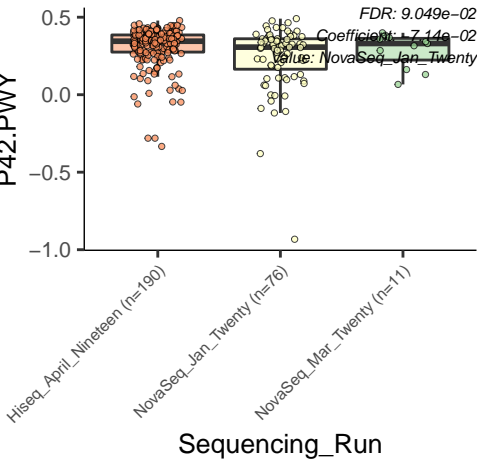
Sequencing_Run







P42.PWY



PWY.7663

FDR: 9.201e-02

Coefficient: -8.88e-02

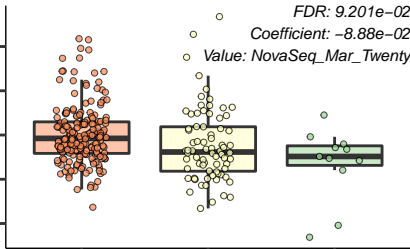
Value: NovaSeq_Mar_Twenty

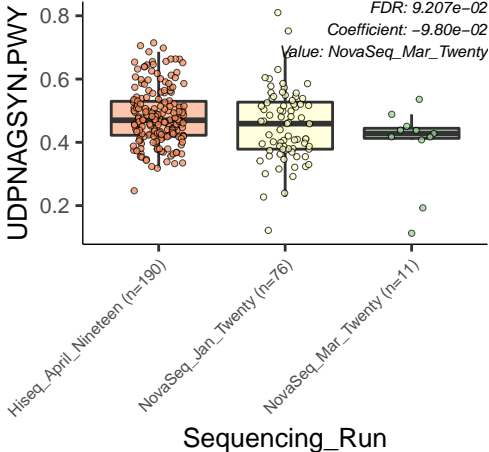
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





PWY0.1298

FDR: 9.254e-02

Coefficient: -6.37e-02

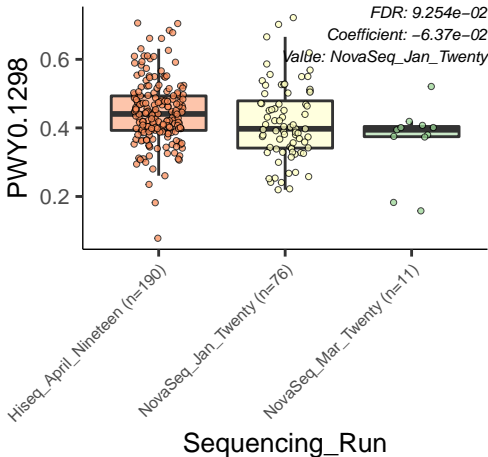
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



P161.PWY

FDR: $9.257e-02$

Coefficient: $-6.68e-02$

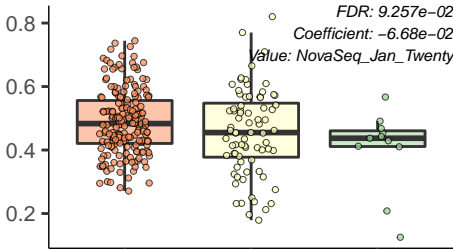
Value: NovaSeq_Jan_Twenty

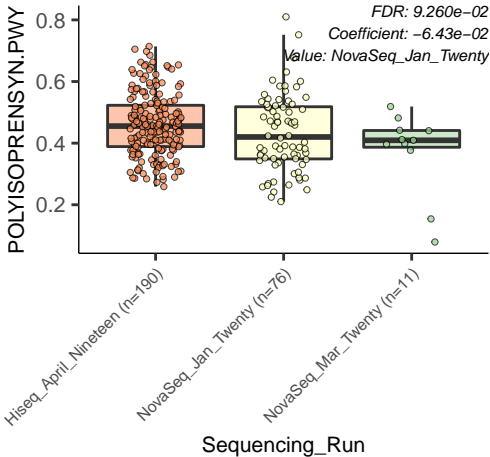
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

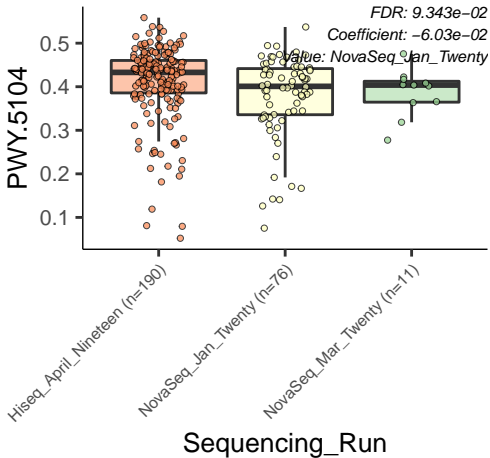
NovaSeq_Mar_Twenty (n=11)

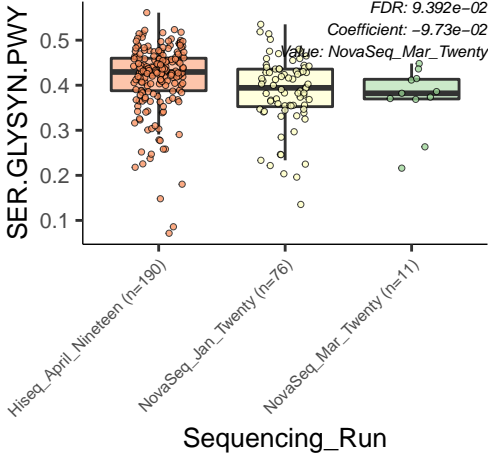
Sequencing_Run





PWY.5104





CALVIN.PWY

FDR: 9.405e-02

Coefficient: -8.04e-02

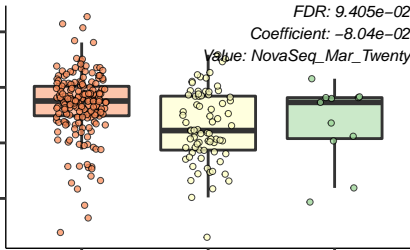
Value: NovaSeq_Mar_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6122

FDR: $9.445e-02$

Coefficient: $-8.60e-02$

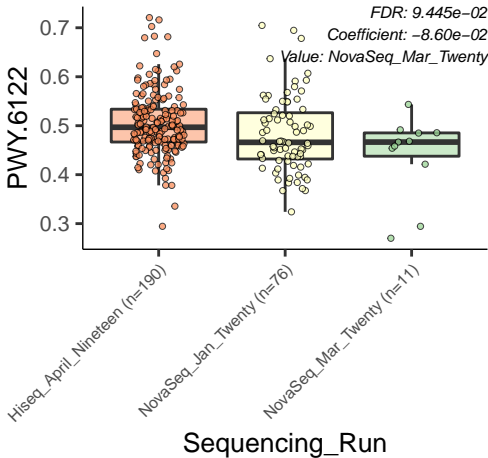
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6277

FDR: $9.445e-02$

Coefficient: $-8.60e-02$

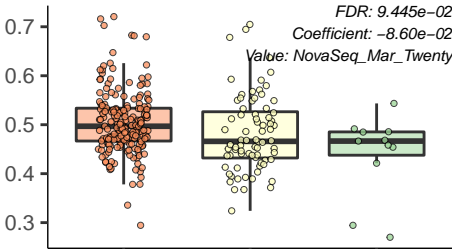
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.6121

FDR: $9.480e-02$

Coefficient: $-8.50e-02$

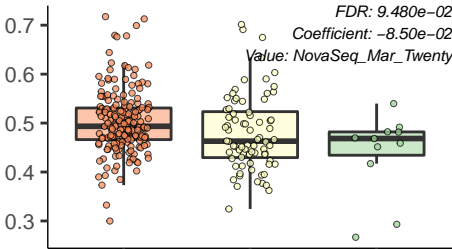
Value: NovaSeq_Mar_Twenty

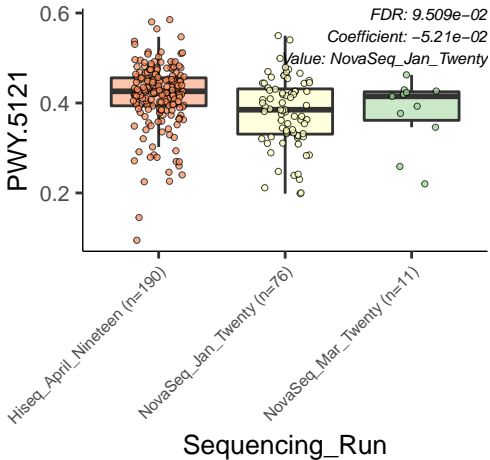
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





PWY.841

FDR: 9.636e-02

Coefficient: -6.33e-02

Value: NovaSeq_Jan_Twenty

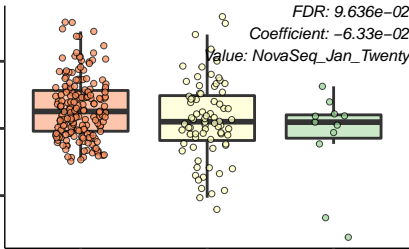
Hiseq_April_Nineteen (n=190)

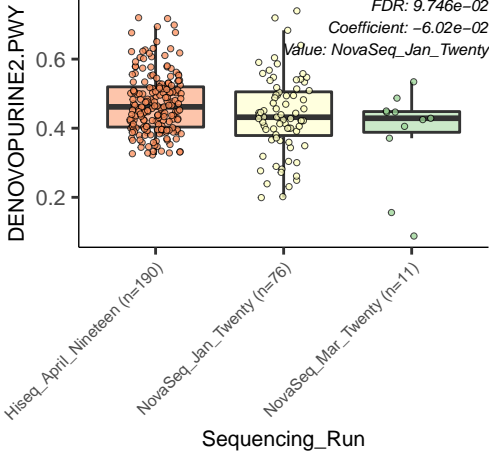
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

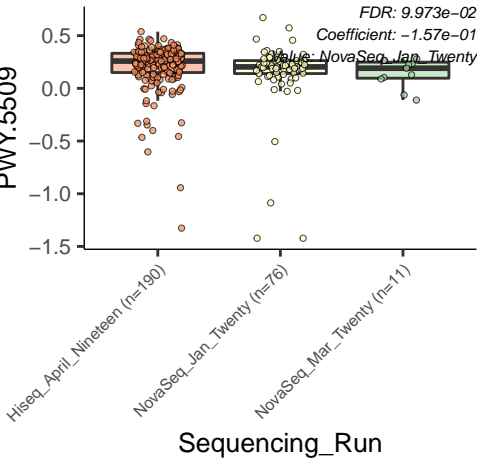
Sequencing_Run

0.2
0.4
0.6

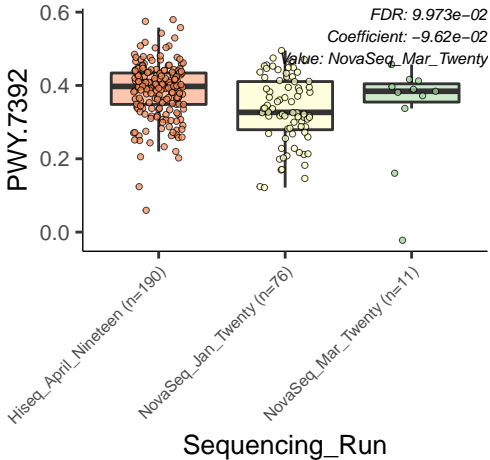




PWY.5509



PWY.7392



PWY.5973

FDR: $9.991e-02$

Coefficient: $-8.99e-02$

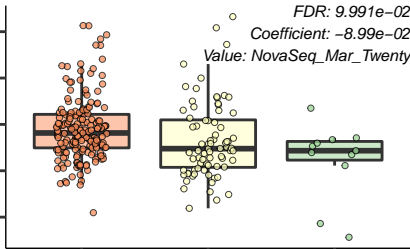
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

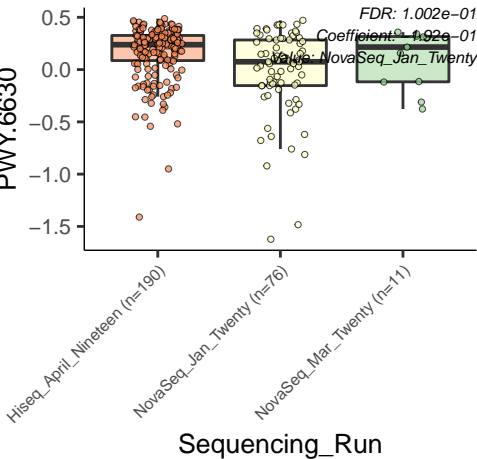
NovaSeq_Jan_Twenty (n=76)

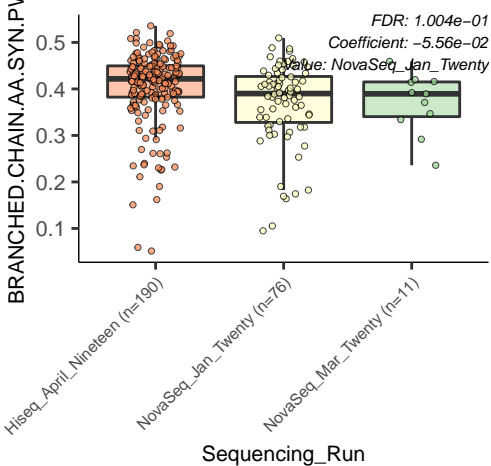
NovaSeq_Mar_Twenty (n=11)

Sequencing_Run

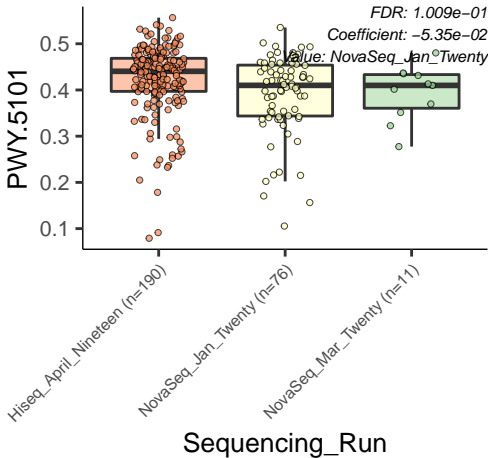


PWY.6630

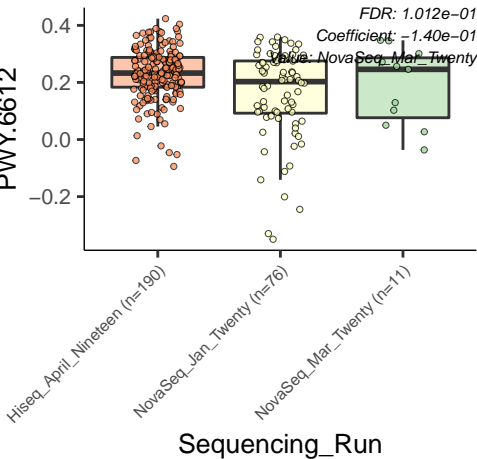




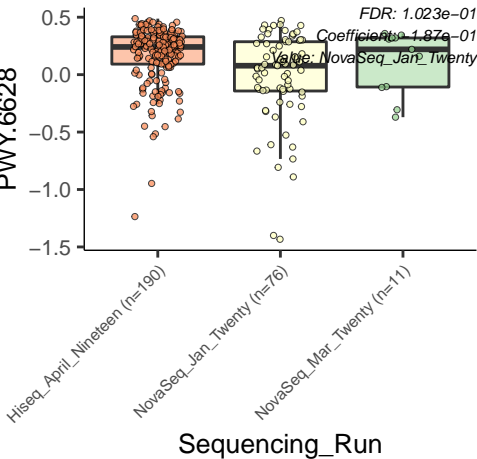
PWY.5101



PWY.6612



PWY.6628



PWY.6151

FDR: 1.046e-01

Coefficient: -5.19e-02

Value: NovaSeq_Jan_Twenty

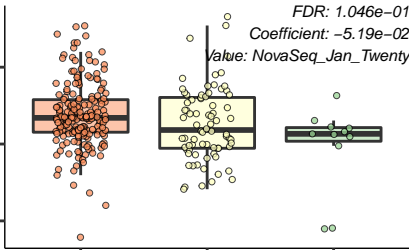
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

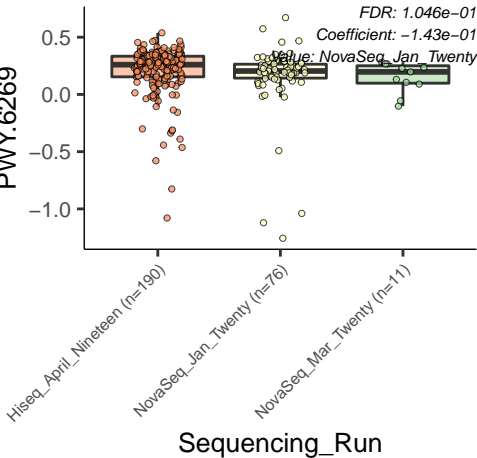
NovaSeq_Mar_Twenty (n=11)

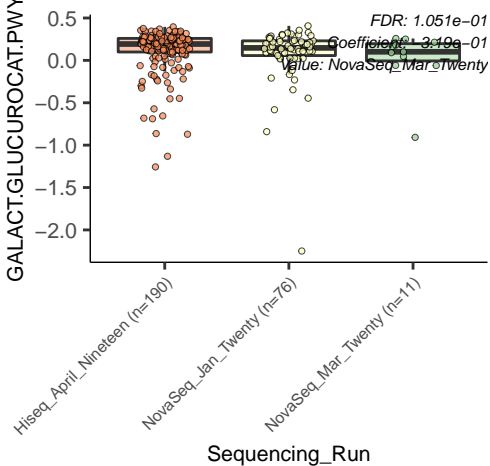
Sequencing_Run

0.2
0.4
0.6

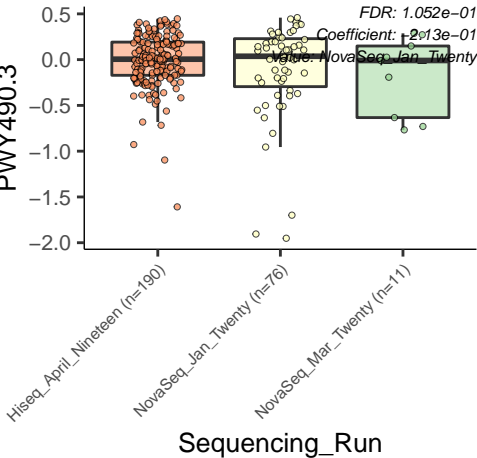


PWY.6269

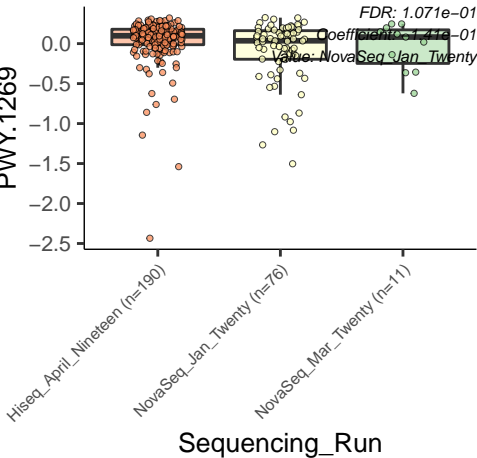




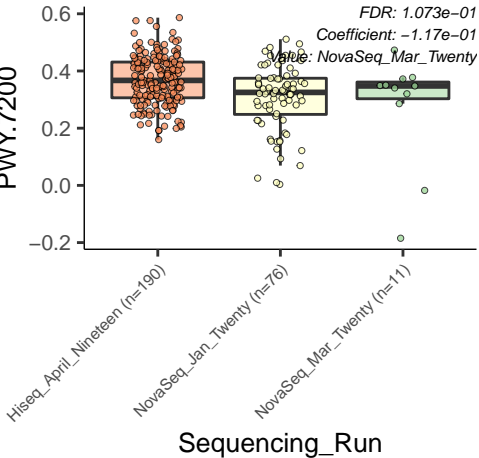
PWY490.3

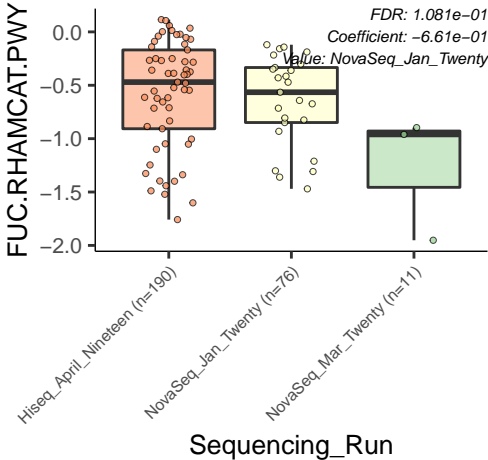


PWY.1269

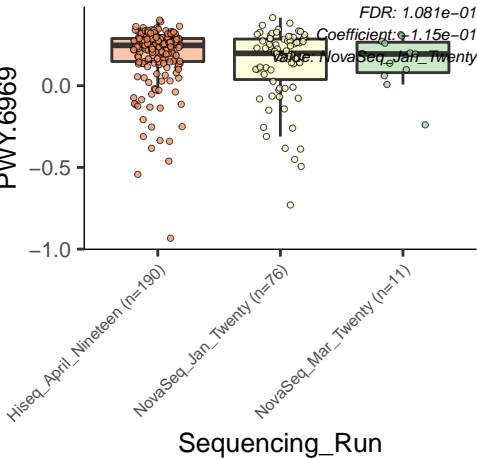


PWY.7200

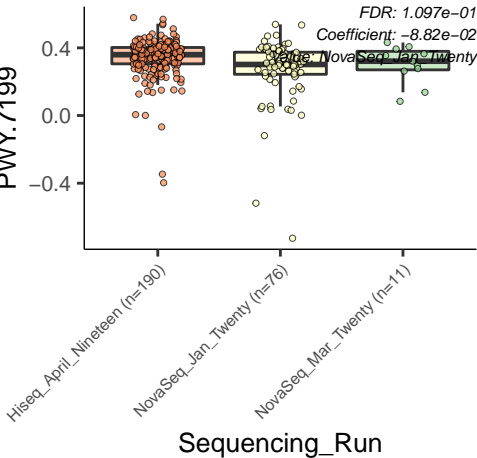




PWY.6969



PWY.7199



FASYN.ELONG.PWY

FDR: 1.153e-01

Coefficient: -5.53e-02

Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

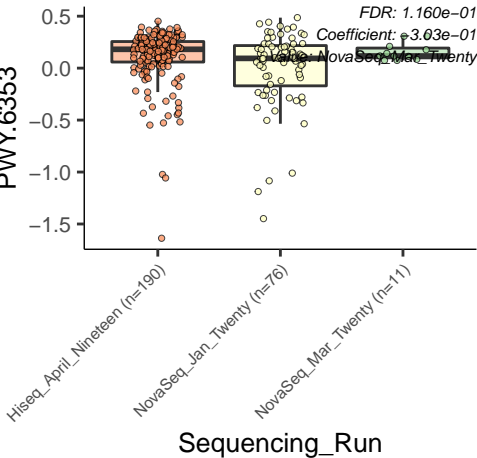
Sequencing_Run

0.6

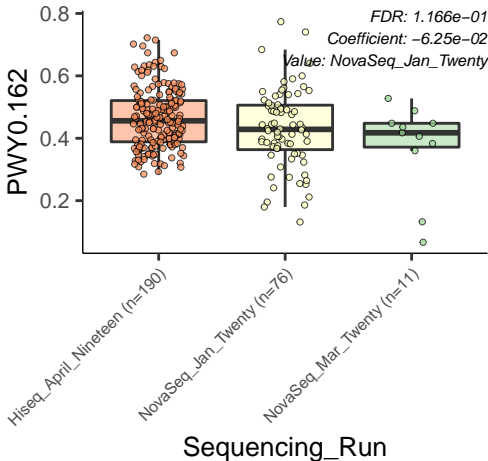
0.4

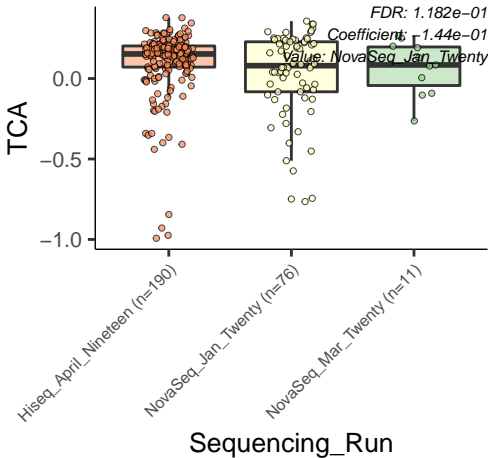
0.2

PWY.6353



PWY0.162





PWY.7220

FDR: 1.220e-01

Coefficient: $-4.96e-02$

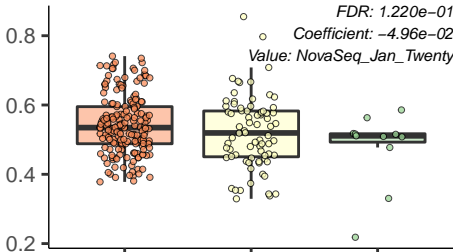
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7222

FDR: 1.220e-01

Coefficient: -4.96e-02

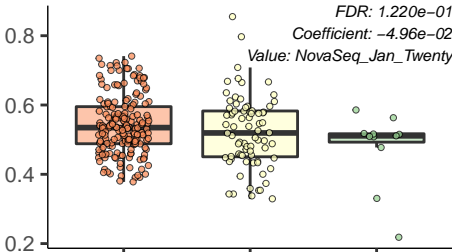
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

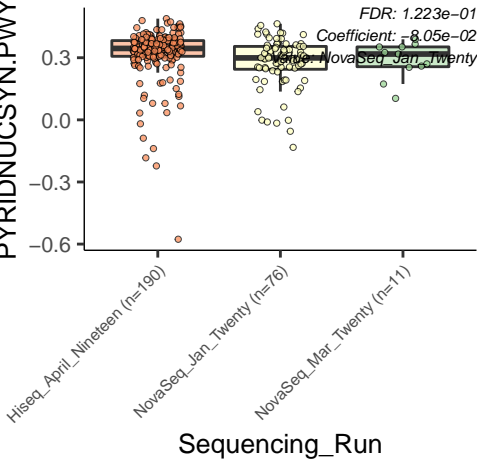
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PYRIDNUCSYN.PWY



PWY.7196

FDR: 1.240e-01

Coefficient: -1.11e-01

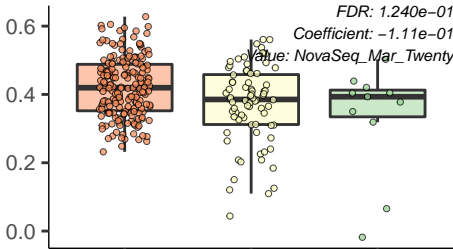
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7220

FDR: 1.240e-01

Coefficient: -8.92e-02

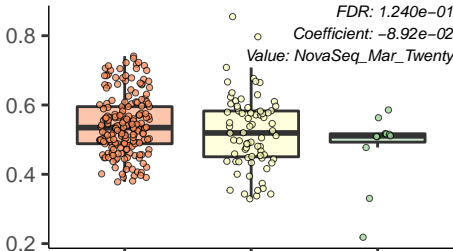
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7222

FDR: 1.240e-01

Coefficient: -8.92e-02

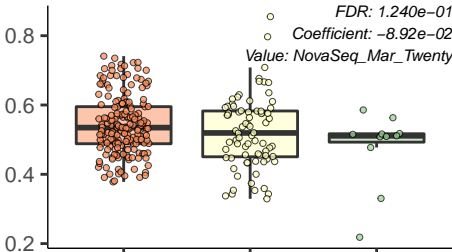
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



P161.PWY

FDR: 1.287e-01

Coefficient: -1.10e-01

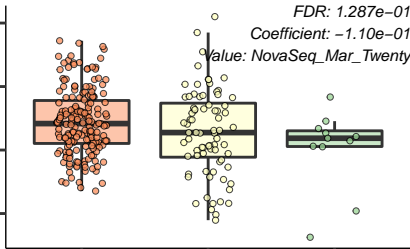
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



GLYCOLYSIS.E.D

FDR: 1.298e-01

Coefficient: -1.17e-01

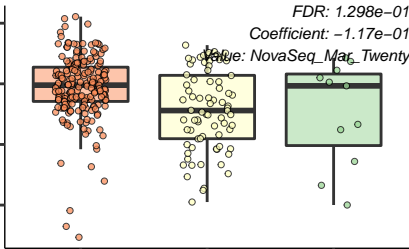
Value: NovaSeq_Mar_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



P124.PWY

FDR: 1.313e-01

Coefficient: -1.24e-01

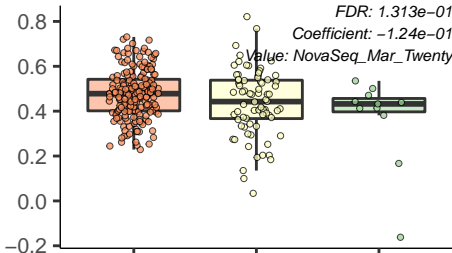
Value: NovaSeq_Mar_Twenty

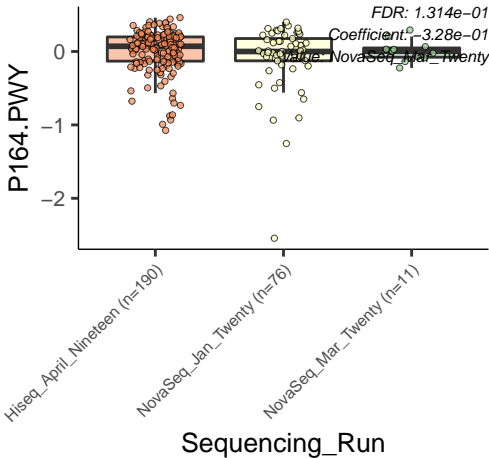
Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

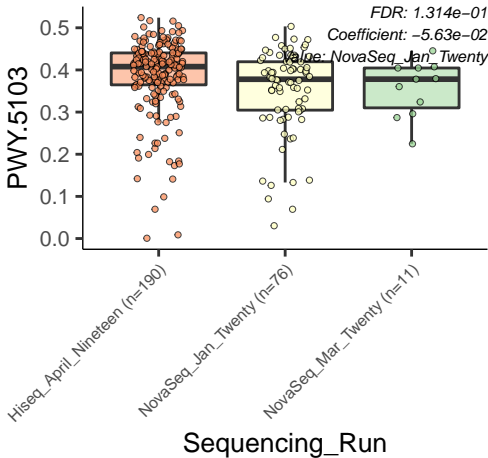
NovaSeq_Mar_Twenty (n=11)

Sequencing_Run

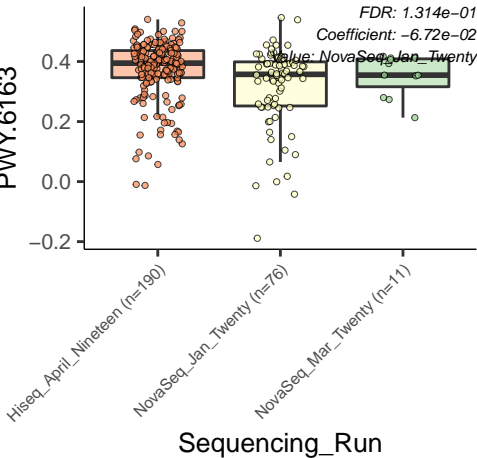




PWY.5103



PWY.6163



PWY.7187

FDR: 1.314e-01

Coefficient: -6.08e-02

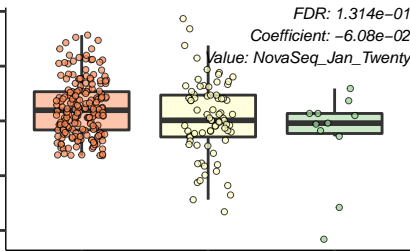
Value: NovaSeq_Jan_Twenty

HiSeq_April_Nineteen (n=190)

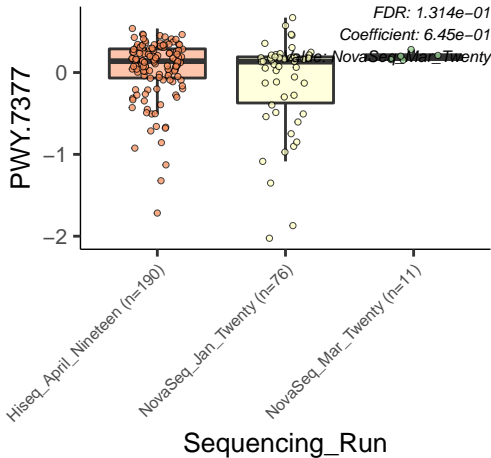
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



PWY.7377



PWY0.1298

FDR: 1.314e-01

Coefficient: -1.04e-01

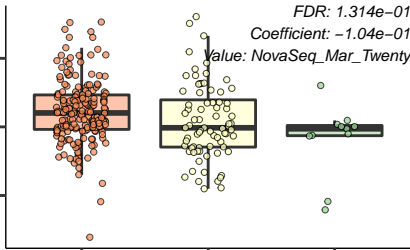
Value: NovaSeq_Mar_Twenty

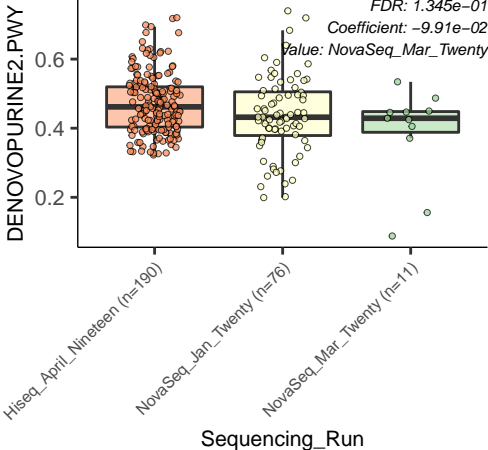
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

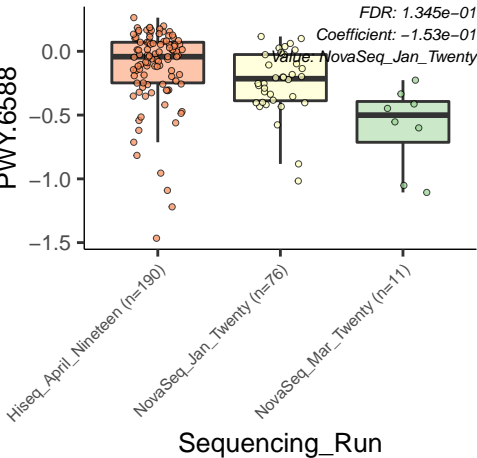
NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





PWY.6588



FASYN.ELONG.PWY

FDR: 1.363e-01

Coefficient: -9.49e-02

Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

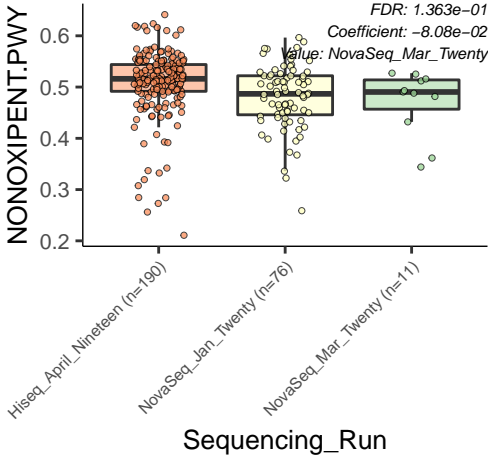
NovaSeq_Mar_Twenty (n=11)

Sequencing_Run

0.6

0.4

0.2



PWY.841

FDR: 1.363e-01

Coefficient: -1.03e-01

Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

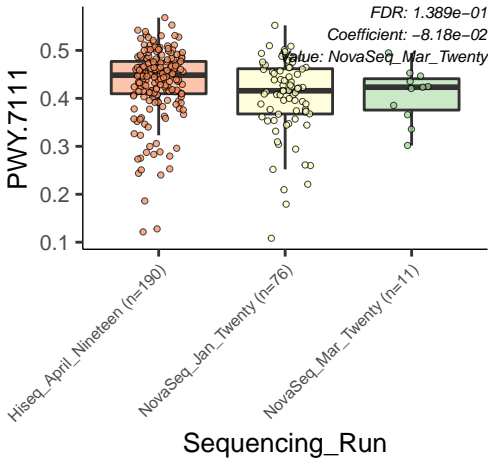
Sequencing_Run

0.6

0.4

0.2

PWY.7111



PWY0.1296

FDR: 1.389e-01

Coefficient: -5.36e-02

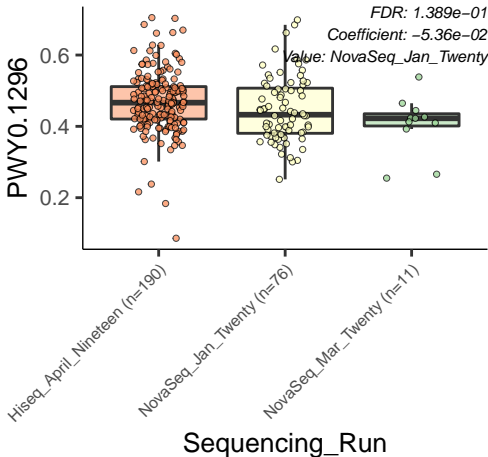
Value: NovaSeq_Jan_Twenty

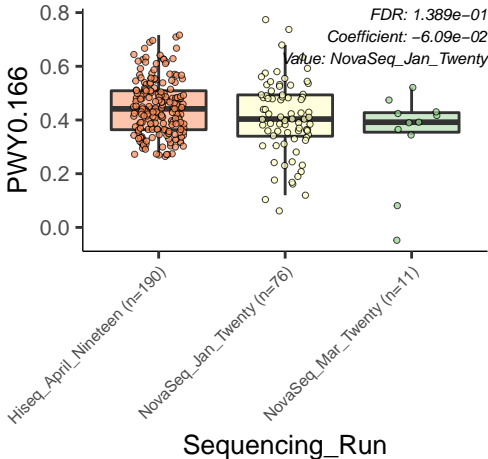
HiSeq_April_Nineteen (n=190)

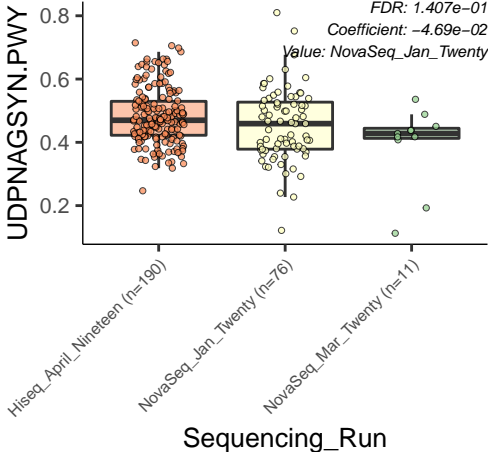
NovaSeq_Jan_Twenty (n=76)

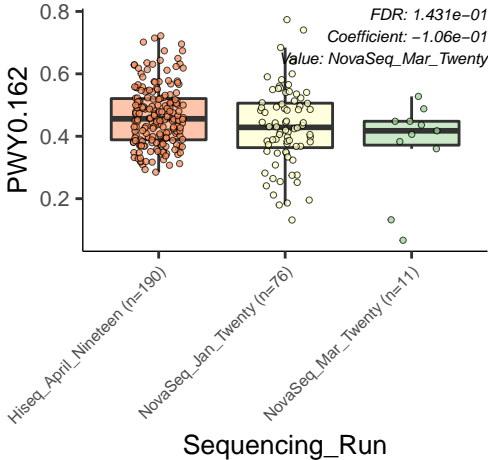
NovaSeq_Mar_Twenty (n=11)

Sequencing_Run

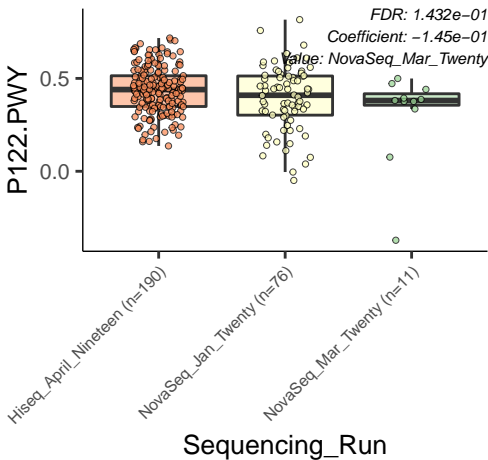








P122.PWY



COMPLETE.ARO.PWY

FDR: 1.444e-01

Coefficient: -6.22e-02

Value: NovaSeq_Jan_Twenty

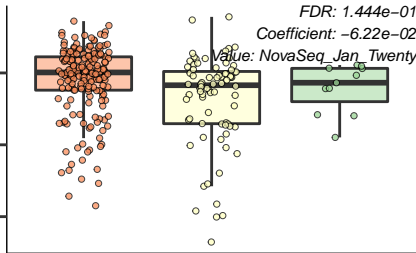
Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

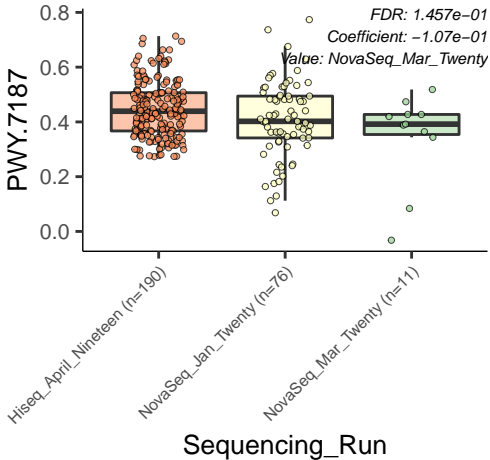
NovaSeq_Mar_Twenty (n=11)

Sequencing_Run

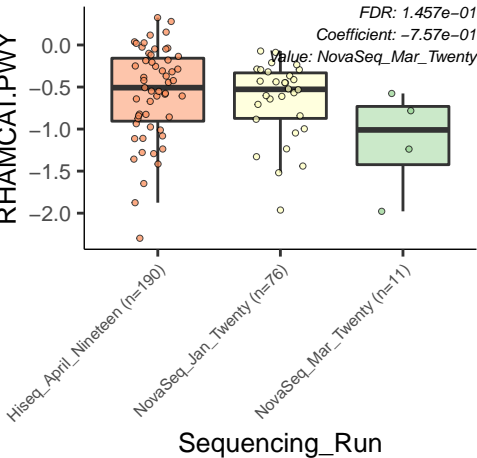
0.0
0.2
0.4



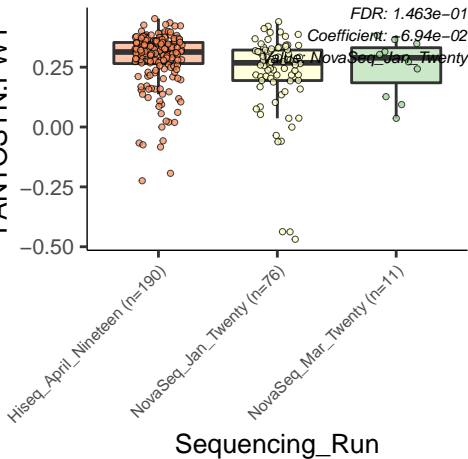
PWY.7187



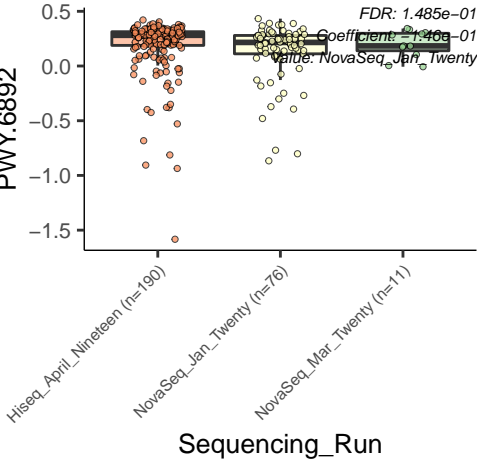
RHAMCAT.PWY



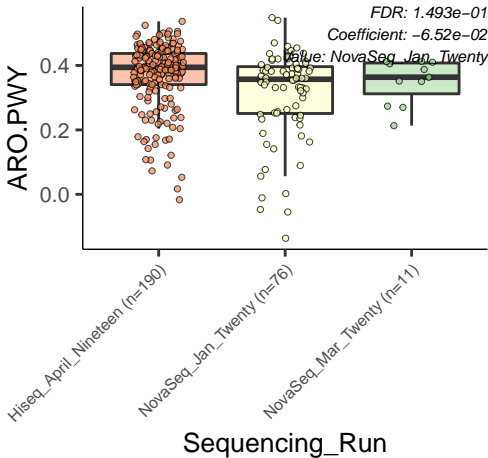
PANTOSYN.PWY



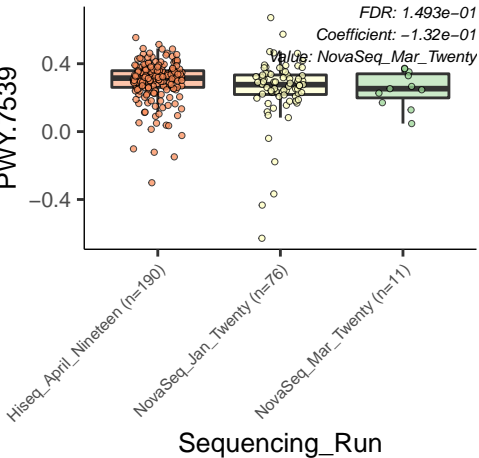
PWY.6892

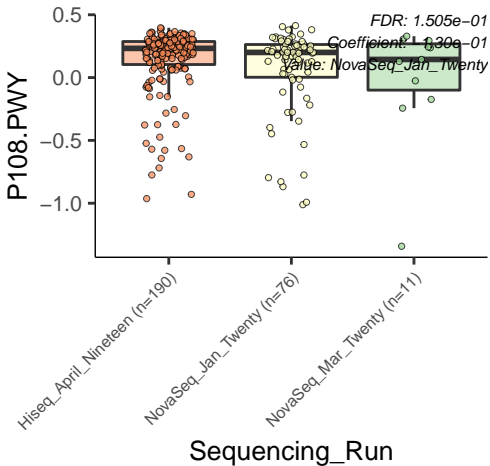


ARO.PWY

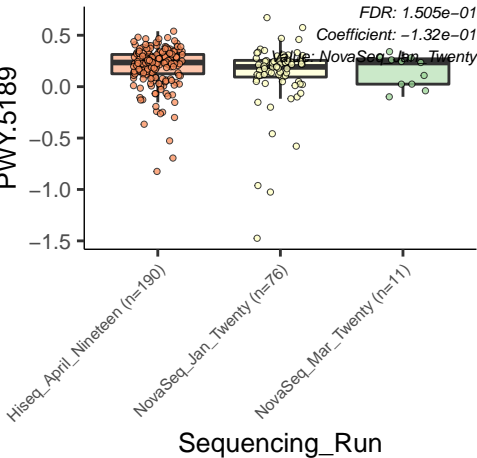


PWY.7539

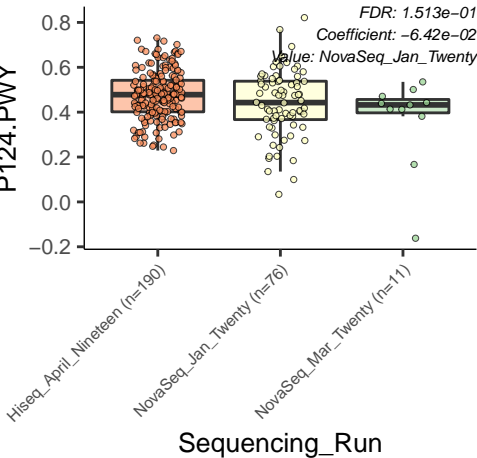




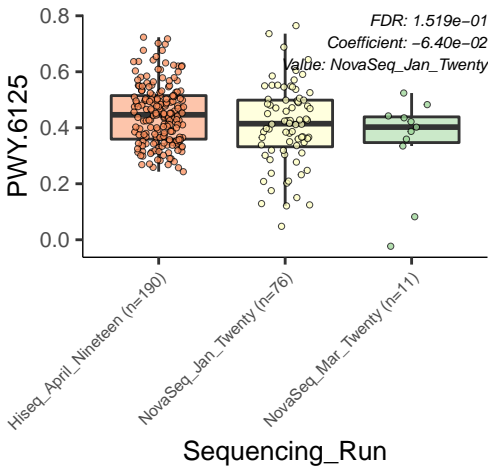
PWY.5189



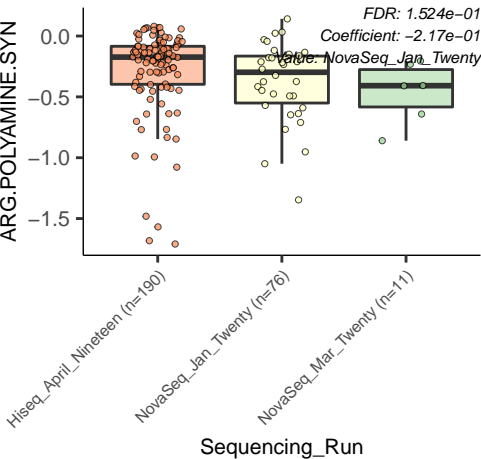
P124.PWY

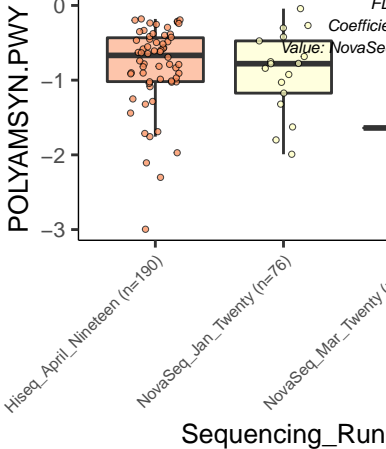


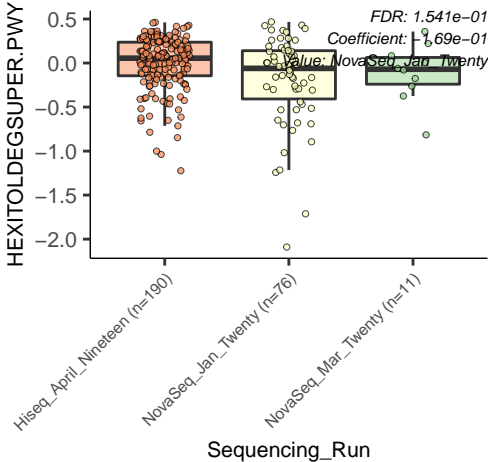
PWY.6125

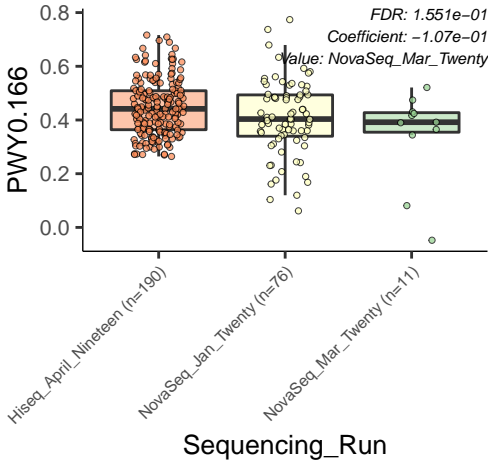


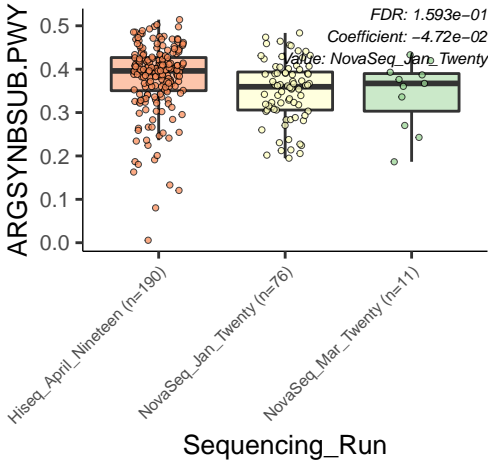
ARG.POLYAMINE.SYN









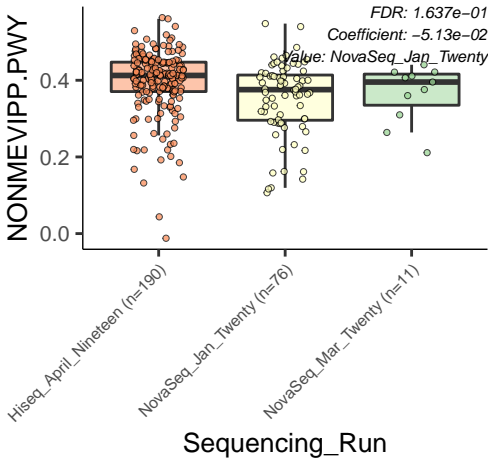


NONMEVIPP.PWY

FDR: 1.637e-01

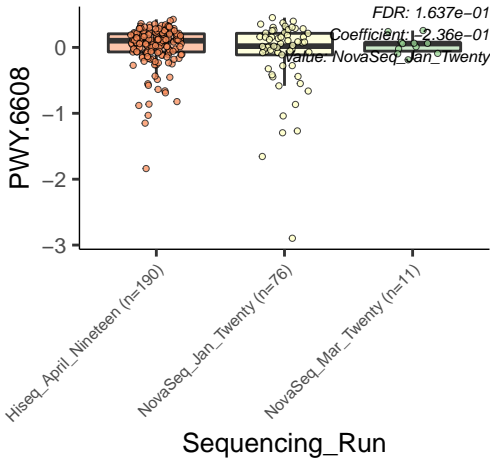
Coefficient: -5.13e-02

Value: NovaSeq_Jan_Twenty

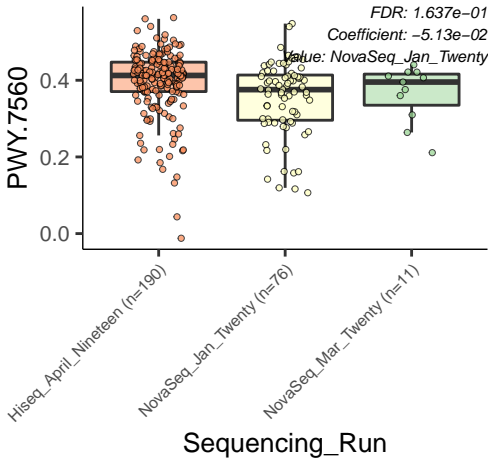


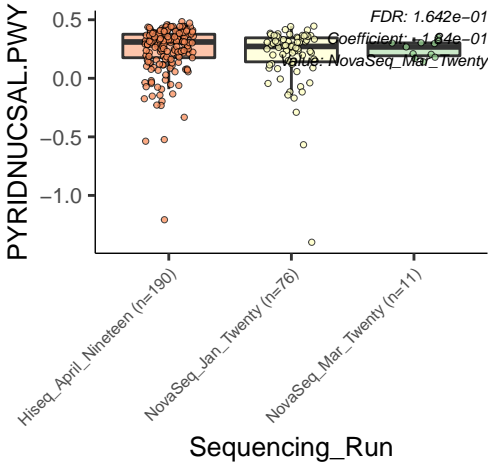
Sequencing_Run

PWY.6608

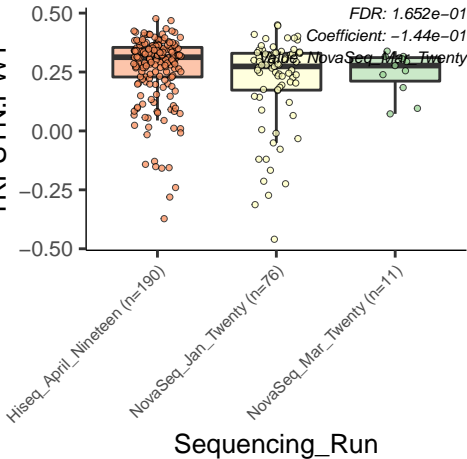


PWY.7560

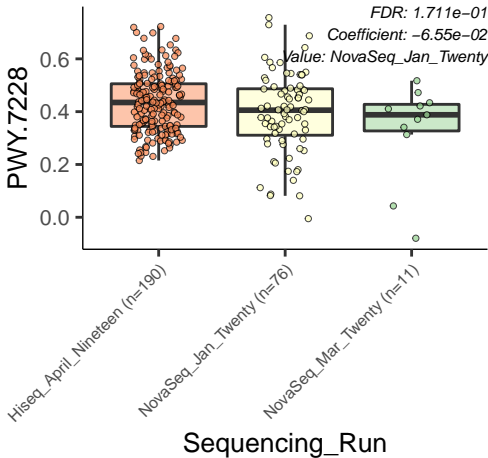




TRPSYN.PWY



PWY.7228



PWY0.1296

FDR: 1.741e-01

Coefficient: -8.95e-02

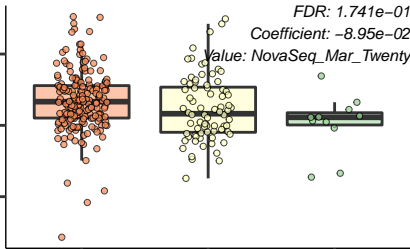
Value: NovaSeq_Mar_Twenty

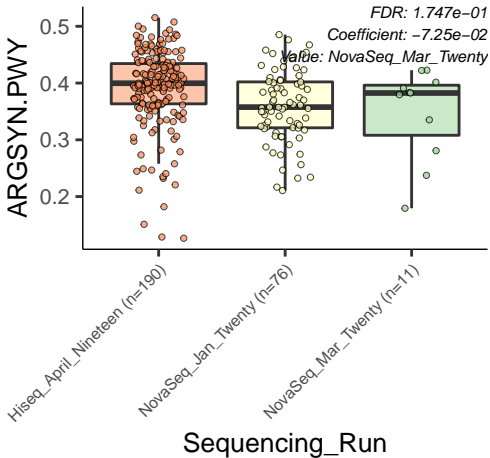
HiSeq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run





PWY.7400

FDR: 1.753e-01

Coefficient: -7.28e-02

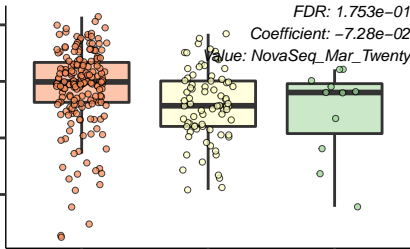
Value: NovaSeq_Mar_Twenty

Hiseq_April_Nineteen (n=190)

NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

Sequencing_Run



P122.PWY

FDR: 1.778e-01

Coefficient: -7.31e-02

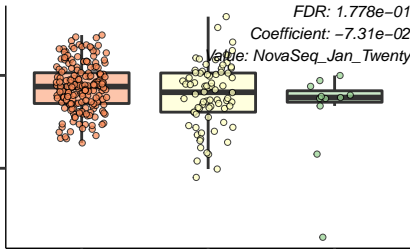
Value: NovaSeq_Jan_Twenty

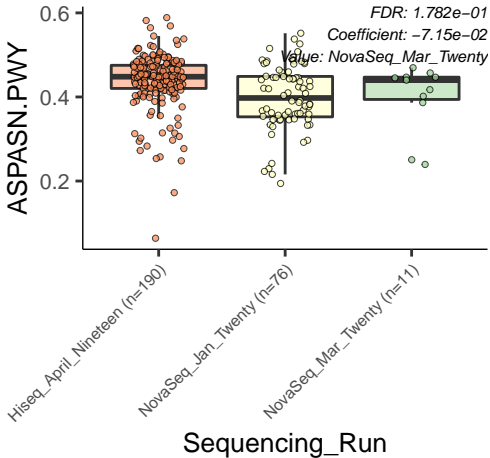
Hiseq_April_Nineteen (n=190)

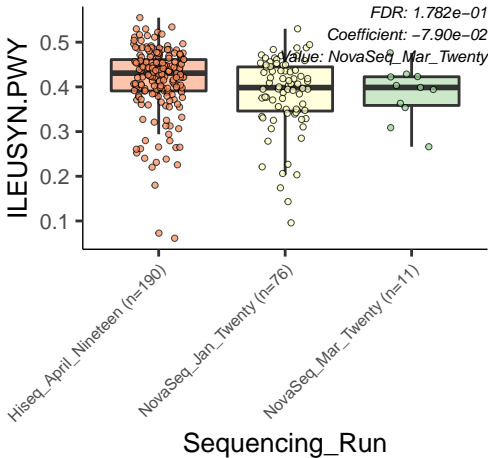
NovaSeq_Jan_Twenty (n=76)

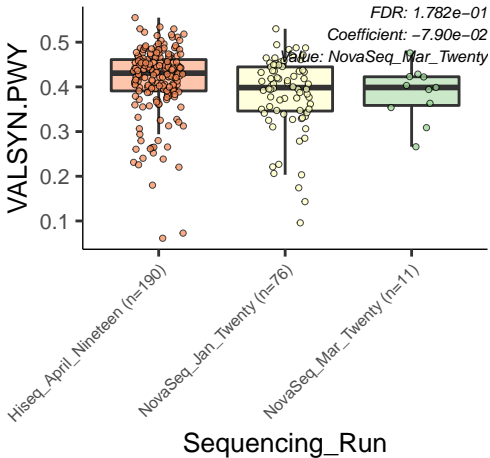
NovaSeq_Mar_Twenty (n=11)

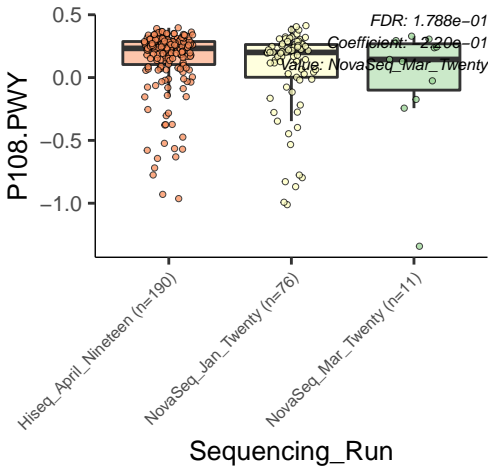
Sequencing_Run



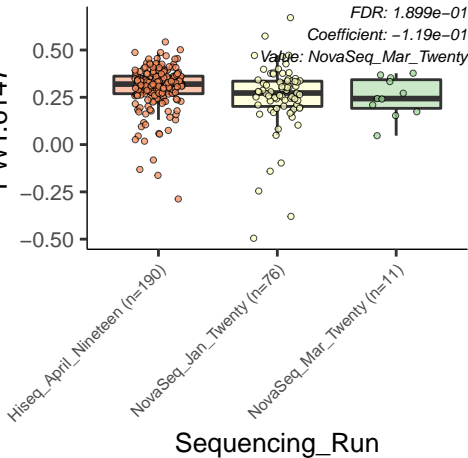




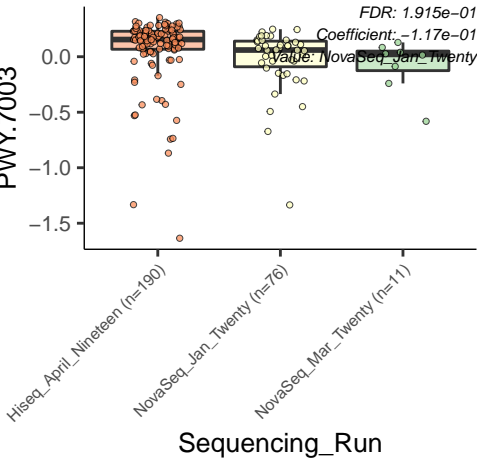




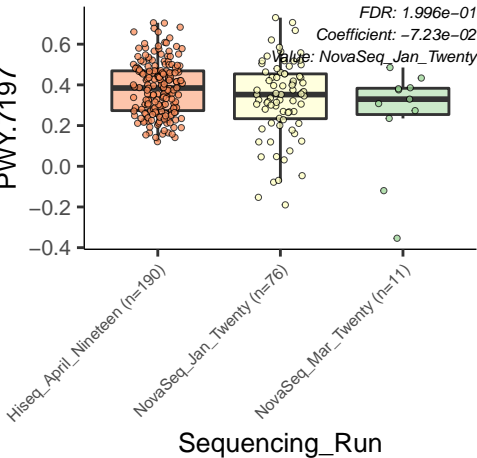
PWY.6147



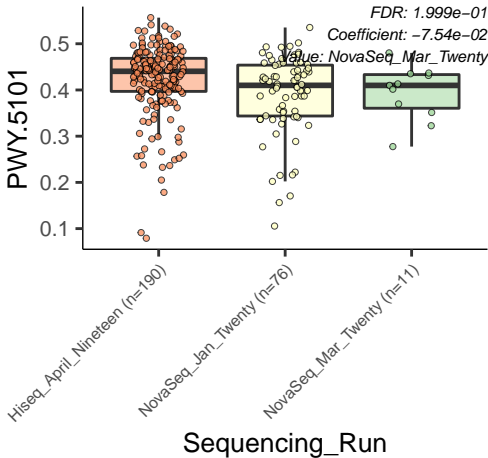
PWY.7003



PWY.7197



PWY.5101



PWY.6125

FDR: 1.999e-01

Coefficient: -1.06e-01

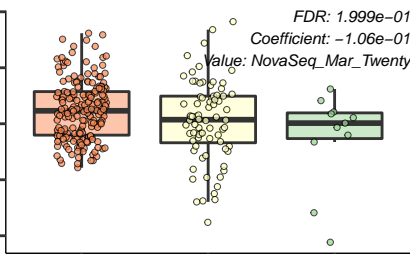
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

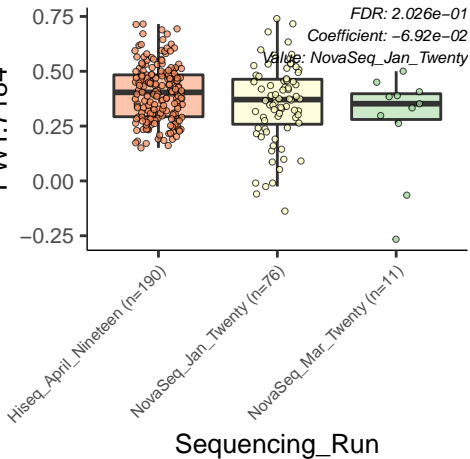
NovaSeq_Jan_Twenty (n=76)

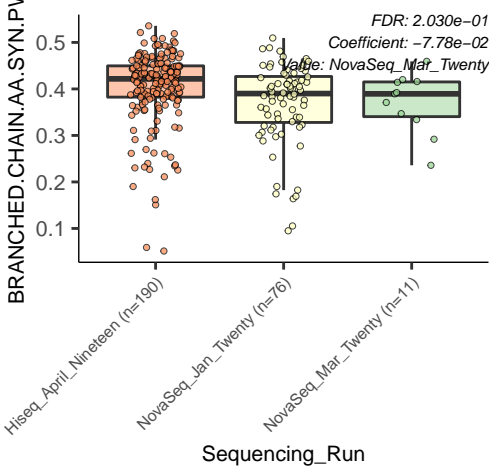
NovaSeq_Mar_Twenty (n=11)

Sequencing_Run

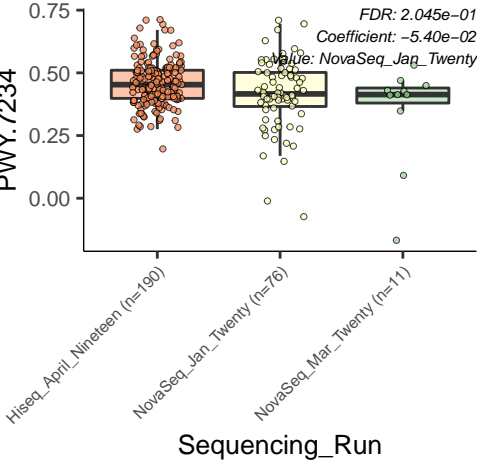


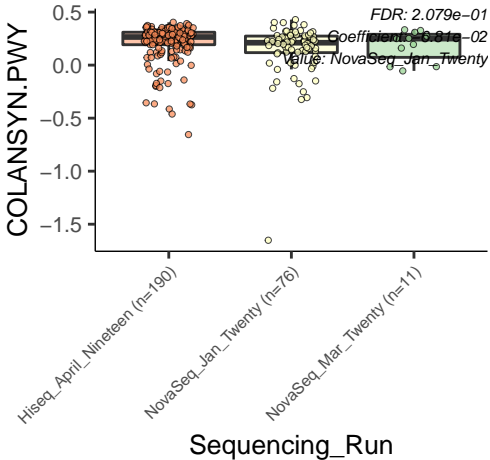
PWY.7184



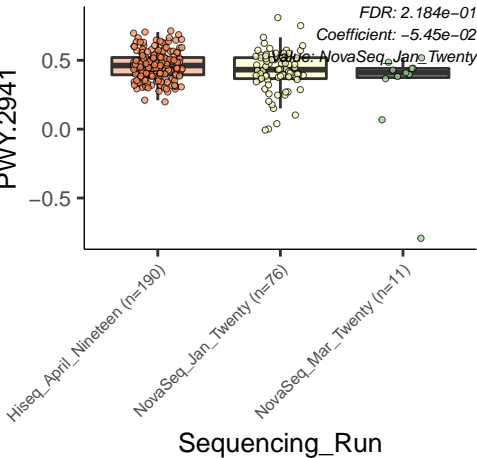


PWY.7234

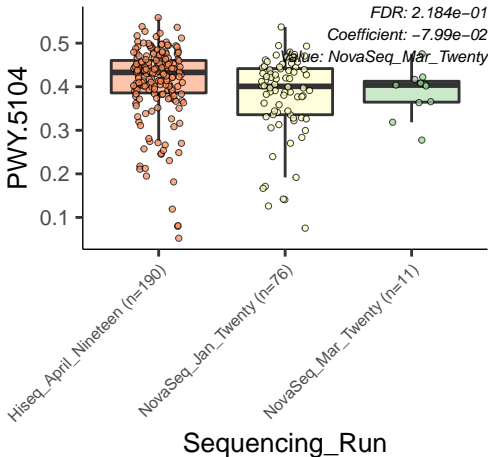




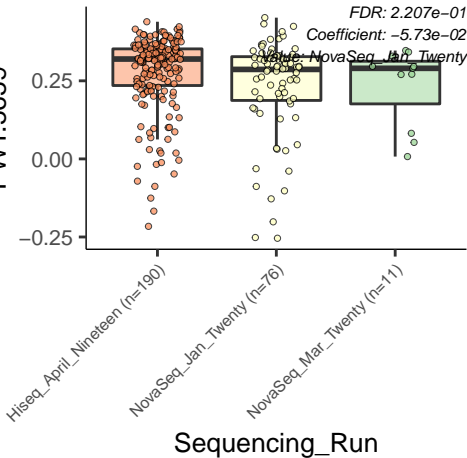
PWY.2941



PWY.5104



PWY.5659



PWY.7228

FDR: 2.208e-01

Coefficient: -1.08e-01

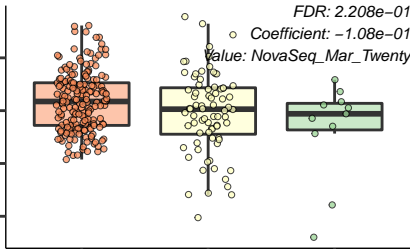
Value: NovaSeq_Mar_Twenty

HiSeq_April_Nineteen (n=190)

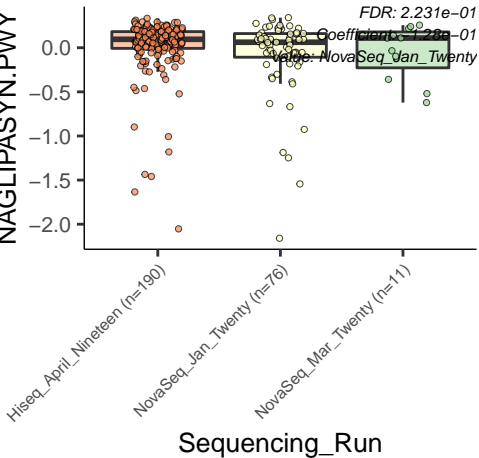
NovaSeq_Jan_Twenty (n=76)

NovaSeq_Mar_Twenty (n=11)

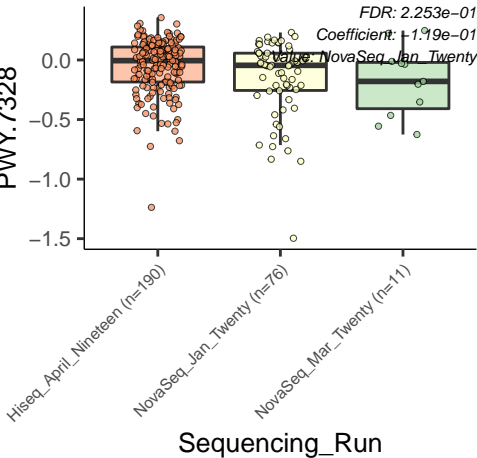
Sequencing_Run



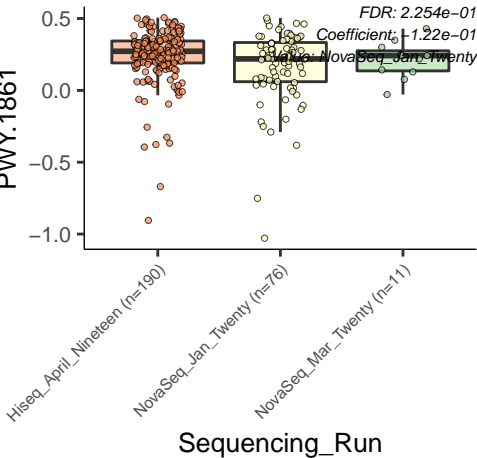
NAGLIPASYN.PWY



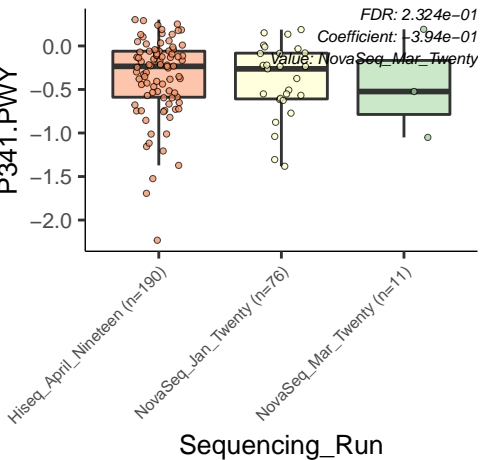
PWY.7328



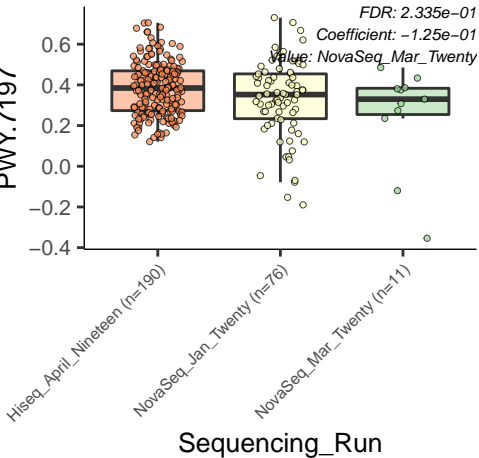
PWY.1861



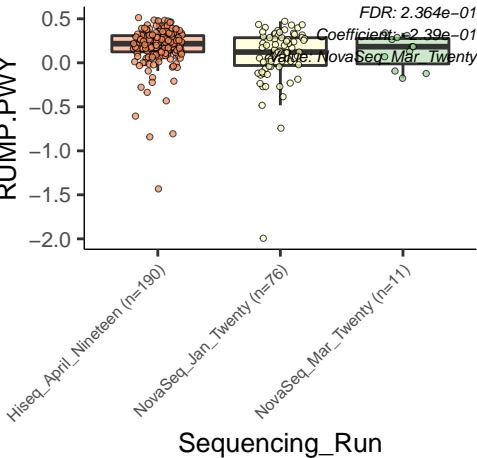
P341.PWY



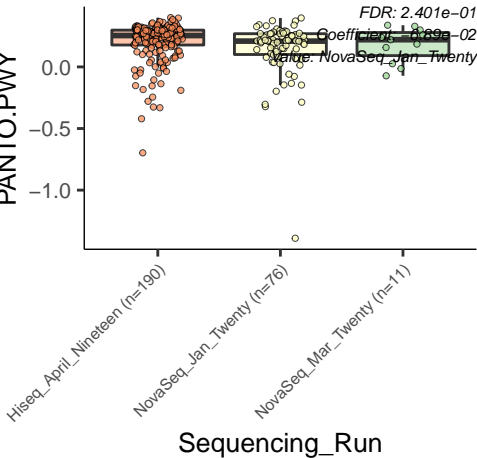
PWY.7197



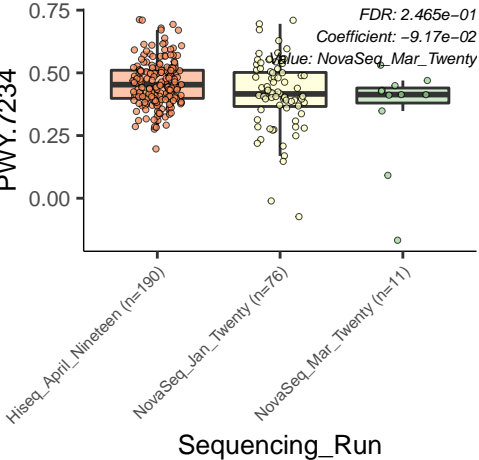
RUMP.PWY



PANTO.PWY



PWY.7234



PWY.7184

