

Limit-of-Detection\_EGFR\_Exon19\_Deletion\_Data  
Limit-of-Detection\_EGFR\_Exon19\_Deletion\_Data\_fileTree.pdf

```
1 to 1 mil n1.tif.tif
1 to 1 mil n1.tif_whole_avg_bgsub.tif
1 to 1 mil n1.tif_whole_coords.dat
1 to 1 mil n1.tif_whole_coords.txt
1 to 1 mil n1.tif_whole_traces.dat
1 to 1 mil n1.tif_whole_traces.txt
1 to 1 mil n2.tif.tif
1 to 1 mil n2.tif_whole_avg_bgsub.tif
1 to 1 mil n2.tif_whole_coords.dat
1 to 1 mil n2.tif_whole_coords.txt
1 to 1 mil n2.tif_whole_traces.dat
1 to 1 mil n2.tif_whole_traces.txt
1 to 1 mil n3.tif.tif
1 to 1 mil n3.tif_whole_avg_bgsub.tif
1 to 1 mil n3.tif_whole_coords.dat
1 to 1 mil n3.tif_whole_coords.txt
1 to 1 mil n3.tif_whole_traces.dat
1 to 1 mil n3.tif_whole_traces.txt
1 to 1 n1.tif.tif
1 to 1 n1.tif_whole_avg_bgsub.tif
1 to 1 n1.tif_whole_coords.dat
1 to 1 n1.tif_whole_coords.txt
1 to 1 n1.tif_whole_traces.dat
1 to 1 n1.tif_whole_traces.txt
1 to 1 n2.tif.tif
1 to 1 n2.tif_whole_avg_bgsub.tif
1 to 1 n2.tif_whole_coords.dat
1 to 1 n2.tif_whole_coords.txt
1 to 1 n2.tif_whole_traces.dat
1 to 1 n2.tif_whole_traces.txt
1 to 1 n3.tif.tif
1 to 1 n3.tif_whole_avg_bgsub.tif
1 to 1 n3.tif_whole_coords.dat
1 to 1 n3.tif_whole_coords.txt
1 to 1 n3.tif_whole_traces.dat
1 to 1 n3.tif_whole_traces.txt
1 to 10 n1.tif.tif
1 to 10 n1.tif_whole_avg_bgsub.tif
1 to 10 n1.tif_whole_coords.dat
1 to 10 n1.tif_whole_coords.txt
1 to 10 n1.tif_whole_traces.dat
1 to 10 n1.tif_whole_traces.txt
1 to 10 n2.tif.tif
1 to 10 n2.tif_whole_avg_bgsub.tif
1 to 10 n2.tif_whole_coords.dat
1 to 10 n2.tif_whole_coords.txt
1 to 10 n2.tif_whole_traces.dat
1 to 10 n2.tif_whole_traces.txt
1 to 10 n3.tif.tif
1 to 10 n3.tif_whole_avg_bgsub.tif
1 to 10 n3.tif_whole_coords.dat
1 to 10 n3.tif_whole_coords.txt
1 to 10 n3.tif_whole_traces.dat
1 to 10 n3.tif_whole_traces.txt
1 to 10 n4.tif.tif
1 to 10 n4.tif_whole_avg_bgsub.tif
1 to 10 n4.tif_whole_coords.dat
1 to 10 n4.tif_whole_coords.txt
1 to 10 n4.tif_whole_traces.dat
1 to 10 n4.tif_whole_traces.txt
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1 to 10 n5.tif.tif
1 to 10 n5.tif_whole_avg_bgsub.tif
1 to 10 n5.tif_whole_coords.dat
1 to 10 n5.tif_whole_coords.txt
1 to 10 n5.tif_whole_traces.dat
1 to 10 n5.tif_whole_traces.txt
1 to 10 n6.tif.tif
1 to 10 n6.tif_whole_avg_bgsub.tif
1 to 10 n6.tif_whole_coords.dat
1 to 10 n6.tif_whole_coords.txt
1 to 10 n6.tif_whole_traces.dat
1 to 10 n6.tif_whole_traces.txt
1 to 100 n1.tif.tif
1 to 100 n1.tif_whole_avg_bgsub.tif
1 to 100 n1.tif_whole_coords.dat
1 to 100 n1.tif_whole_coords.txt
1 to 100 n1.tif_whole_traces.dat
1 to 100 n1.tif_whole_traces.txt
1 to 100 n2.tif.tif
1 to 100 n2.tif_whole_avg_bgsub.tif
1 to 100 n2.tif_whole_coords.dat
1 to 100 n2.tif_whole_coords.txt
1 to 100 n2.tif_whole_traces.dat
1 to 100 n2.tif_whole_traces.txt
1 to 100 n3.tif.tif
1 to 100 n3.tif_whole_avg_bgsub.tif
1 to 100 n3.tif_whole_coords.dat
1 to 100 n3.tif_whole_coords.txt
1 to 100 n3.tif_whole_traces.dat
1 to 100 n3.tif_whole_traces.txt
1 to 100k n1.tif.tif
1 to 100k n1.tif_whole_avg_bgsub.tif
1 to 100k n1.tif_whole_coords.dat
1 to 100k n1.tif_whole_coords.txt
1 to 100k n1.tif_whole_traces.dat
1 to 100k n1.tif_whole_traces.txt
1 to 100k n2.tif.tif
1 to 100k n2.tif_whole_avg_bgsub.tif
1 to 100k n2.tif_whole_coords.dat
1 to 100k n2.tif_whole_coords.txt
1 to 100k n2.tif_whole_traces.dat
1 to 100k n2.tif_whole_traces.txt
1 to 100k n3.tif.tif
1 to 100k n3.tif_whole_avg_bgsub.tif
1 to 100k n3.tif_whole_coords.dat
1 to 100k n3.tif_whole_coords.txt
1 to 100k n3.tif_whole_traces.dat
1 to 100k n3.tif_whole_traces.txt
1 to 10k n1.tif.tif
1 to 10k n1.tif_whole_avg_bgsub.tif
1 to 10k n1.tif_whole_coords.dat
1 to 10k n1.tif_whole_coords.txt
1 to 10k n1.tif_whole_traces.dat
1 to 10k n1.tif_whole_traces.txt
1 to 10k n2.tif.tif
1 to 10k n2.tif_whole_avg_bgsub.tif
1 to 10k n2.tif_whole_coords.dat
1 to 10k n2.tif_whole_coords.txt
1 to 10k n2.tif_whole_traces.dat
1 to 10k n2.tif_whole_traces.txt
1 to 10k n3.tif.tif
1 to 10k n3.tif_whole_avg_bgsub.tif
1 to 10k n3.tif_whole_coords.dat
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1 to 10k n3.tif_whole_coords.txt
1 to 10k n3.tif_whole_traces.dat
1 to 10k n3.tif_whole_traces.txt
1 to 10k n4.tif.tif
1 to 10k n4.tif_whole_avg_bgsub.tif
1 to 10k n4.tif_whole_coords.dat
1 to 10k n4.tif_whole_coords.txt
1 to 10k n4.tif_whole_traces.dat
1 to 10k n4.tif_whole_traces.txt
1 to 10k n5.tif.tif
1 to 10k n5.tif_whole_avg_bgsub.tif
1 to 10k n5.tif_whole_coords.dat
1 to 10k n5.tif_whole_coords.txt
1 to 10k n5.tif_whole_traces.dat
1 to 10k n5.tif_whole_traces.txt
1 to 10k n6.tif.tif
1 to 10k n6.tif_whole_avg_bgsub.tif
1 to 10k n6.tif_whole_coords.dat
1 to 10k n6.tif_whole_coords.txt
1 to 10k n6.tif_whole_traces.dat
1 to 10k n6.tif_whole_traces.txt
500 fM MUT n1.tif.tif
500 fM MUT n1.tif_whole_avg_bgsub.tif
500 fM MUT n1.tif_whole_coords.dat
500 fM MUT n1.tif_whole_coords.txt
500 fM MUT n1.tif_whole_traces.dat
500 fM MUT n1.tif_whole_traces.txt
500 fM MUT n2.tif.tif
500 fM MUT n2.tif_whole_avg_bgsub.tif
500 fM MUT n2.tif_whole_coords.dat
500 fM MUT n2.tif_whole_coords.txt
500 fM MUT n2.tif_whole_traces.dat
500 fM MUT n2.tif_whole_traces.txt
500 fM MUT n3.tif.tif
500 fM MUT n3.tif_whole_avg_bgsub.tif
500 fM MUT n3.tif_whole_coords.dat
500 fM MUT n3.tif_whole_coords.txt
500 fM MUT n3.tif_whole_traces.dat
500 fM MUT n3.tif_whole_traces.txt
Exon 19 WT 500 nM n1.tif
Exon 19 WT 500 nM n1_whole_avg_bgsub.tif
Exon 19 WT 500 nM n1_whole_coords.dat
Exon 19 WT 500 nM n1_whole_coords.txt
Exon 19 WT 500 nM n1_whole_traces.dat
Exon 19 WT 500 nM n1_whole_traces.txt
Exon 19 WT 500 nM n2.tif
Exon 19 WT 500 nM n2_whole_avg_bgsub.tif
Exon 19 WT 500 nM n2_whole_coords.dat
Exon 19 WT 500 nM n2_whole_coords.txt
Exon 19 WT 500 nM n2_whole_traces.dat
Exon 19 WT 500 nM n2_whole_traces.txt
Exon 19 WT 500 nM n3.tif
Exon 19 WT 500 nM n3_whole_avg_bgsub.tif
Exon 19 WT 500 nM n3_whole_coords.dat
Exon 19 WT 500 nM n3_whole_coords.txt
Exon 19 WT 500 nM n3_whole_traces.dat
Exon 19 WT 500 nM n3_whole_traces.txt

```

#### Analysis

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1 to 1 mil n1_hist.jpg
1 to 1 mil n1_tauPlot.jpg
1 to 1 mil n2_hist.jpg

```

```
1 to 1 mil n2_tauPlot.jpg
1 to 1 mil n3_hist.jpg
1 to 1 mil n3_tauPlot.jpg
1 to 1 mil nonspecific n=1_hist.jpg
1 to 1 mil nonspecific n=1_tauPlot.jpg
1 to 1 mil nonspecific n=2_hist.jpg
1 to 1 mil nonspecific n=2_tauPlot.jpg
1 to 1 mil nonspecific n=3_hist.jpg
1 to 1 mil nonspecific n=3_tauPlot.jpg
1 to 1 n1_hist.jpg
1 to 1 n1_tauPlot.jpg
1 to 1 n2_hist.jpg
1 to 1 n2_tauPlot.jpg
1 to 1 n3_hist.jpg
1 to 1 n3_tauPlot.jpg
1 to 10 n1_hist.jpg
1 to 10 n1_tauPlot.jpg
1 to 10 n2_hist.jpg
1 to 10 n2_tauPlot.jpg
1 to 10 n3_hist.jpg
1 to 10 n3_tauPlot.jpg
1 to 10 n4_hist.jpg
1 to 10 n4_tauPlot.jpg
1 to 10 n5_hist.jpg
1 to 10 n5_tauPlot.jpg
1 to 10 n6_hist.jpg
1 to 10 n6_tauPlot.jpg
1 to 100 n1_hist.jpg
1 to 100 n1_tauPlot.jpg
1 to 100 n2_hist.jpg
1 to 100 n2_tauPlot.jpg
1 to 100 n3_hist.jpg
1 to 100 n3_tauPlot.jpg
1 to 100k n1_hist.jpg
1 to 100k n1_tauPlot.jpg
1 to 100k n2_hist.jpg
1 to 100k n2_tauPlot.jpg
1 to 100k n3_hist.jpg
1 to 100k n3_tauPlot.jpg
1 to 10k n1_hist.jpg
1 to 10k n1_tauPlot.jpg
1 to 10k n2_hist.jpg
1 to 10k n2_tauPlot.jpg
1 to 10k n3_hist.jpg
1 to 10k n3_tauPlot.jpg
1 to 10k n4_hist.jpg
1 to 10k n4_tauPlot.jpg
1 to 10k n5_hist.jpg
1 to 10k n5_tauPlot.jpg
1 to 10k n6_hist.jpg
1 to 10k n6_tauPlot.jpg
MUT 500 fM n1_hist.jpg
MUT 500 fM n1_tauPlot.jpg
MUT 500 fM n2_hist.jpg
MUT 500 fM n2_tauPlot.jpg
MUT 500 fM n3_hist.jpg
MUT 500 fM n3_tauPlot.jpg
QuB Output Exon 19 Del LOD.xlsx
QuB Output Exon 19 Del LOD_acceptedMols.mat
QuB Output Exon 19 Del LOD_valuesOut.xlsx
QuB Output Nonspecific WT Sat Exp_Transferred from External.xlsx
QuB Output Nonspecific WT Sat Exp_Transferred from External_acceptedMols.mat
QuB Output Nonspecific WT Sat Exp_Transferred from External_valuesOut.xlsx
```

```
WT only 500 nM n1_hist.jpg
WT only 500 nM n1_tauPlot.jpg
WT only 500 nM n2_hist.jpg
WT only 500 nM n2_tauPlot.jpg
WT only 500 nM n3_hist.jpg
WT only 500 nM n3_tauPlot.jpg
```