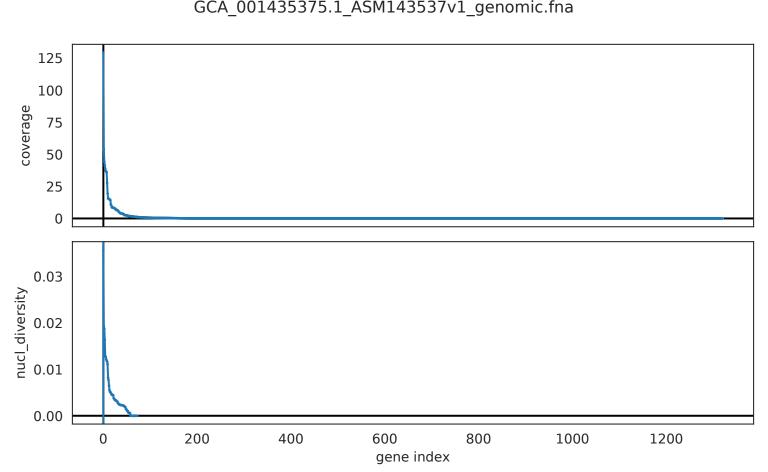
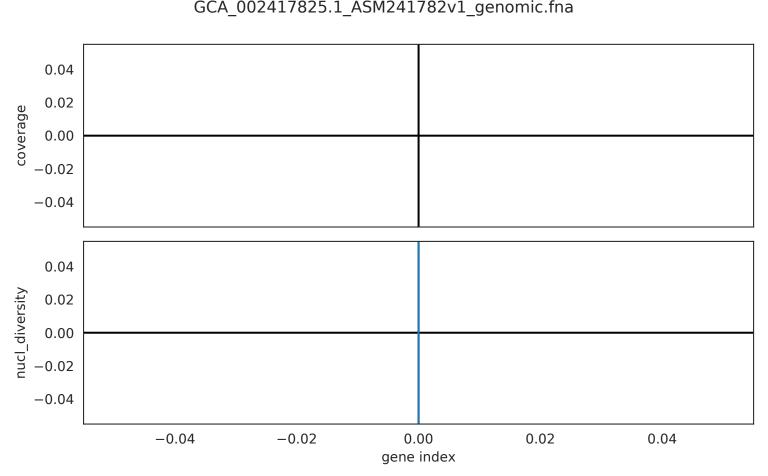


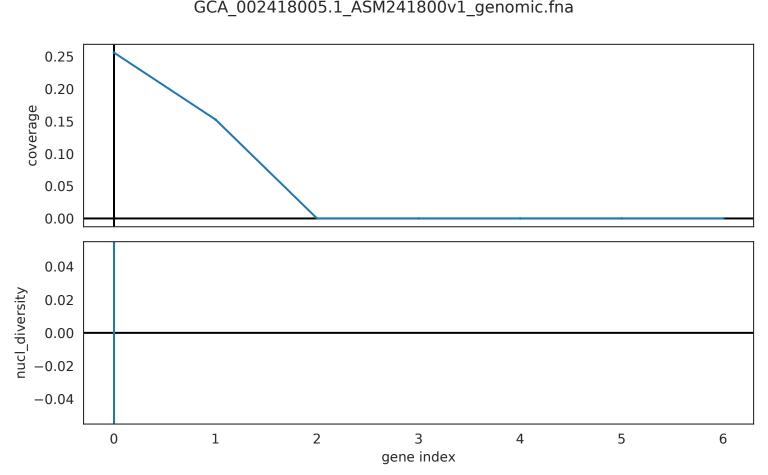
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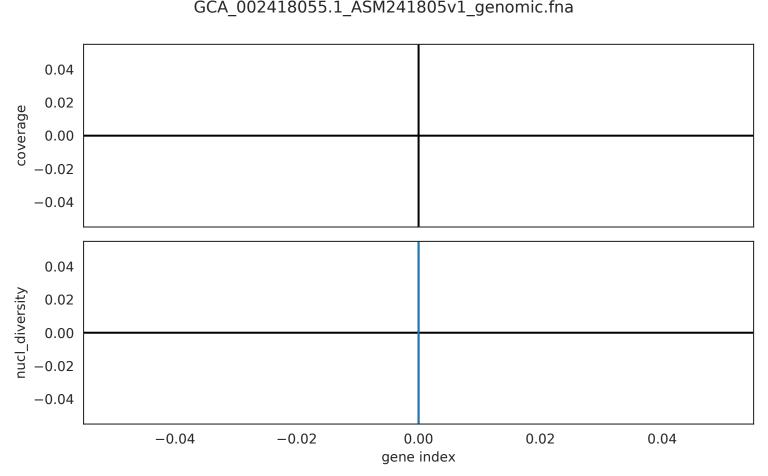


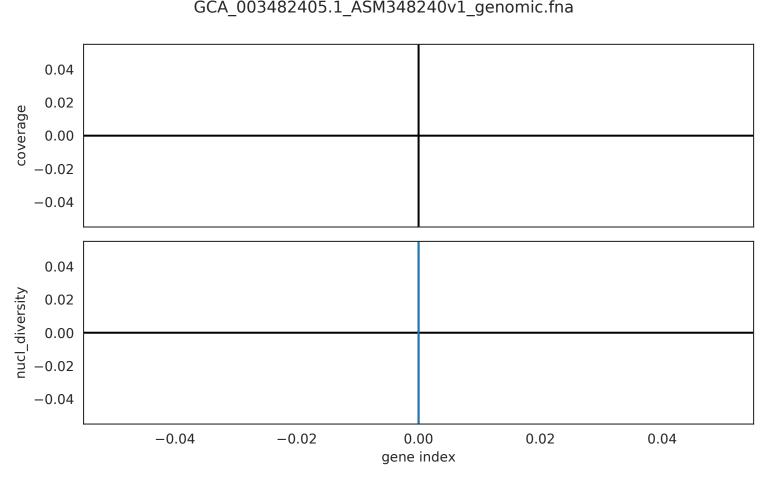
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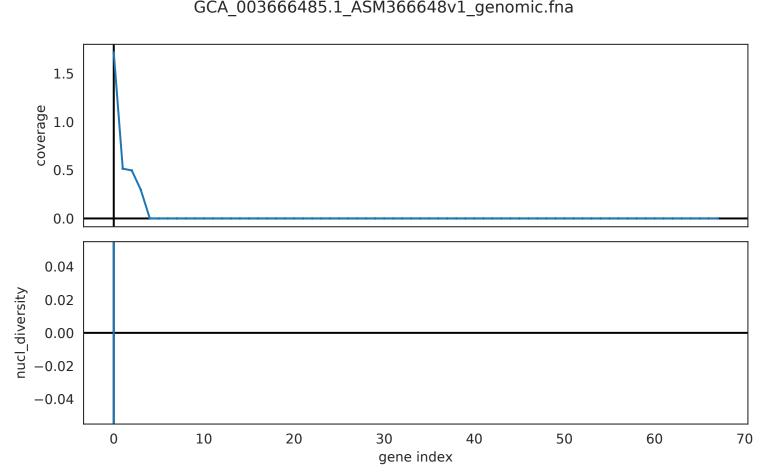
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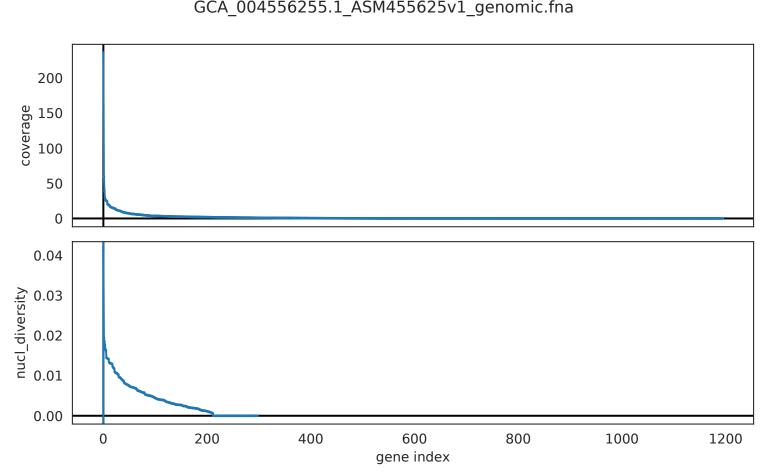


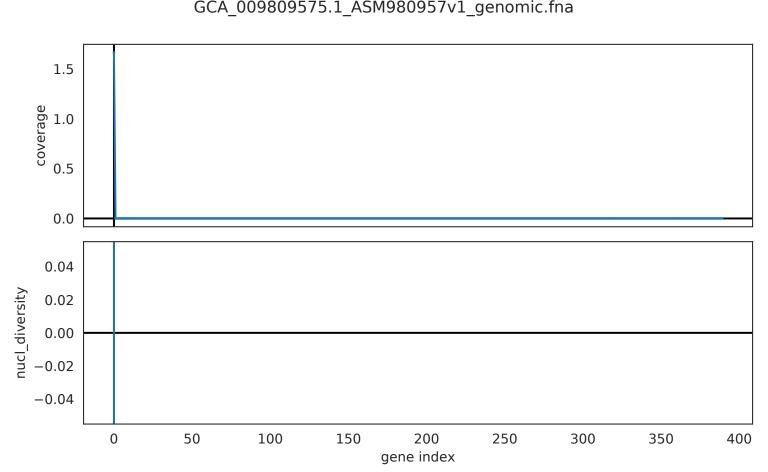


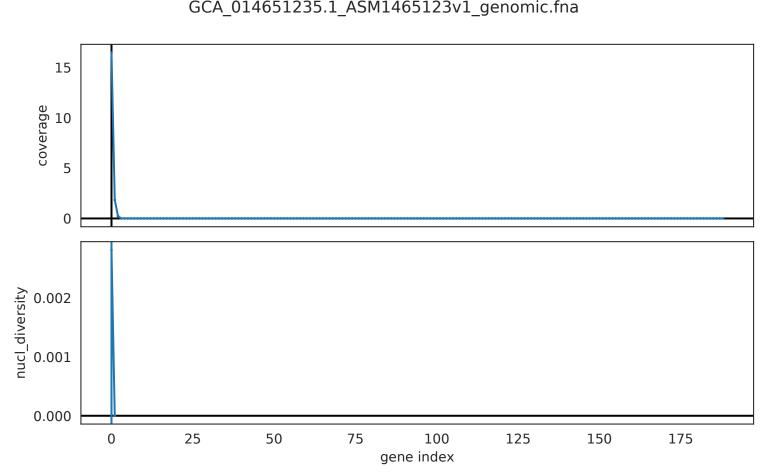


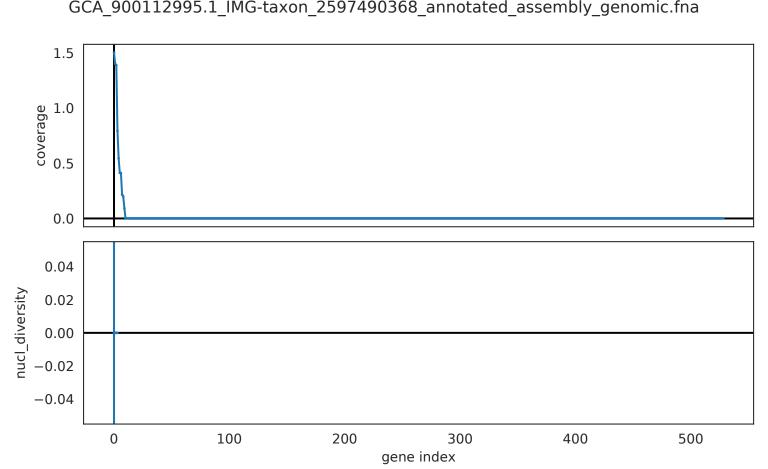


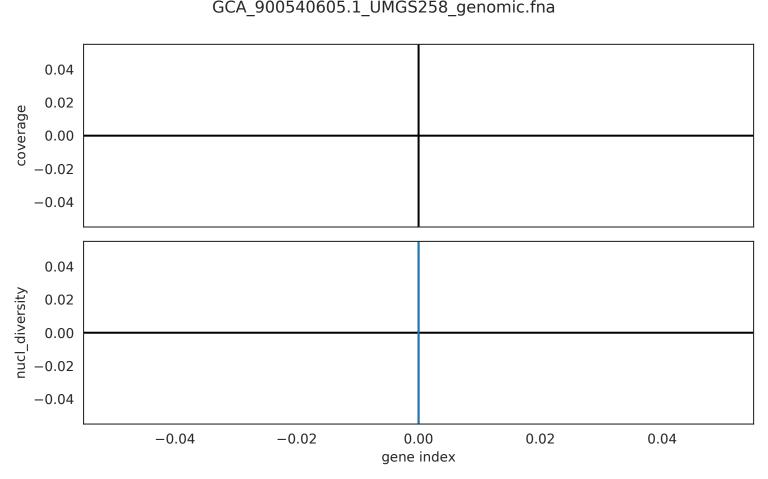


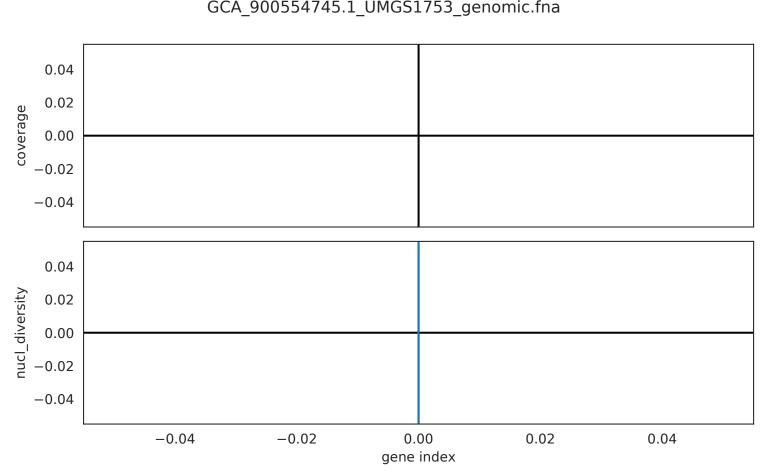


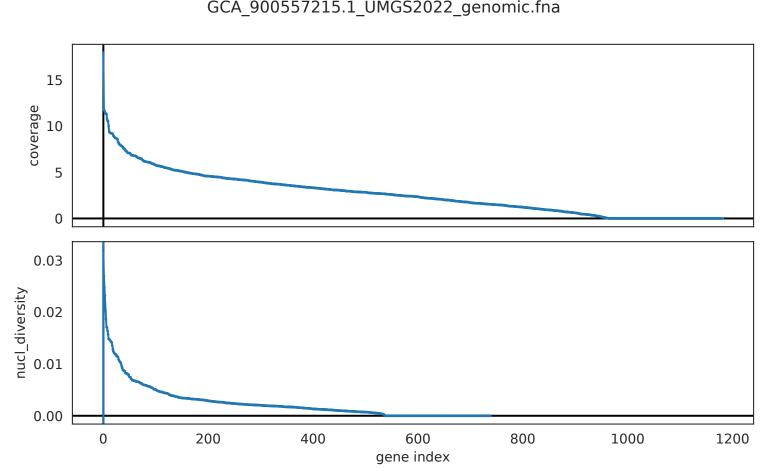


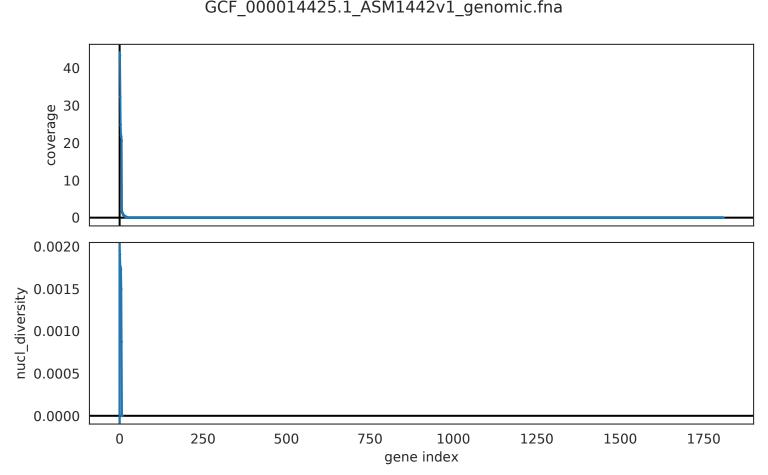


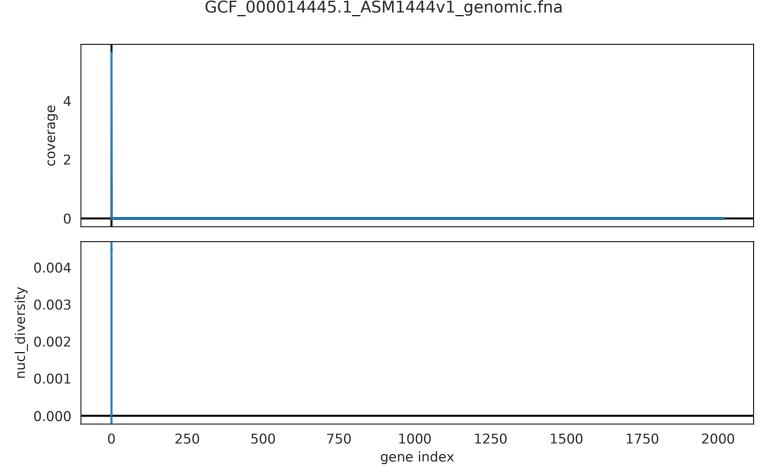


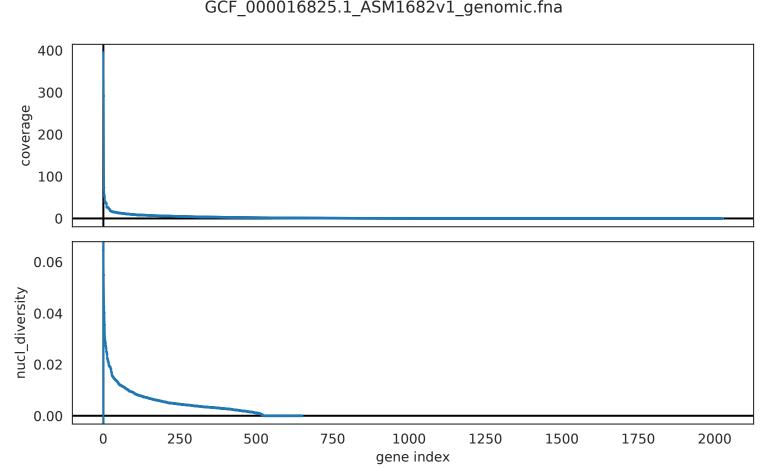


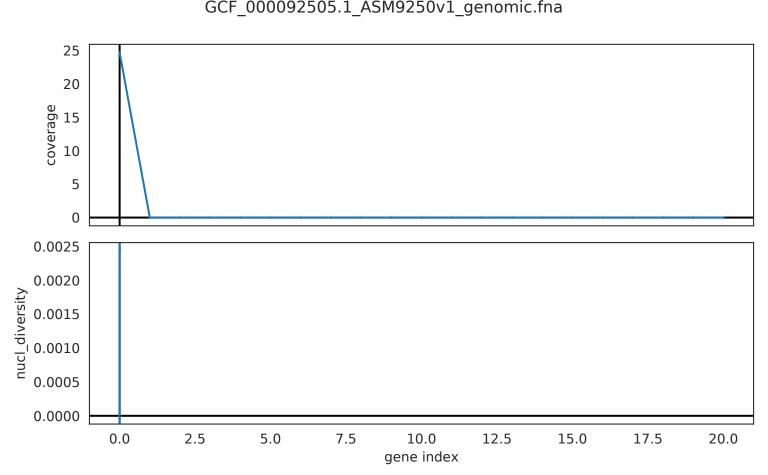


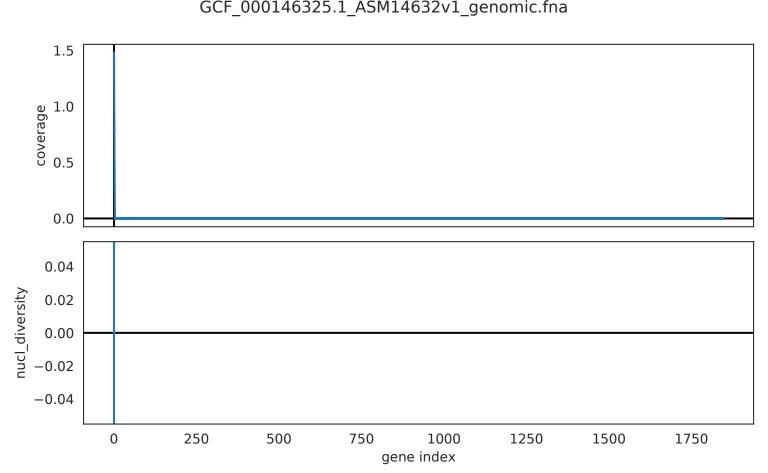


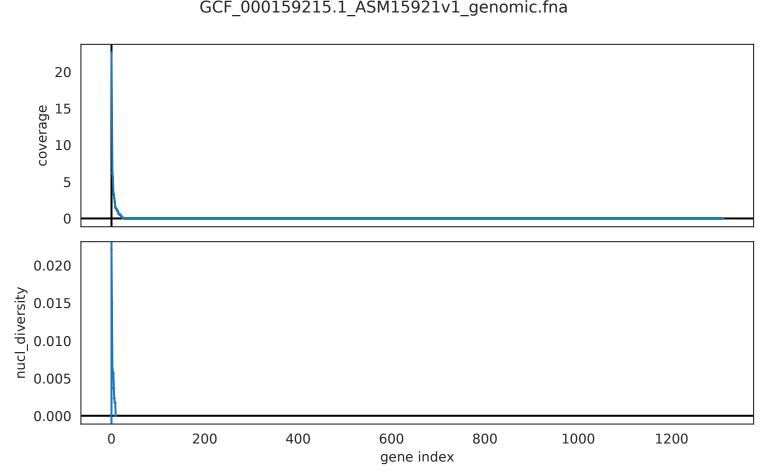


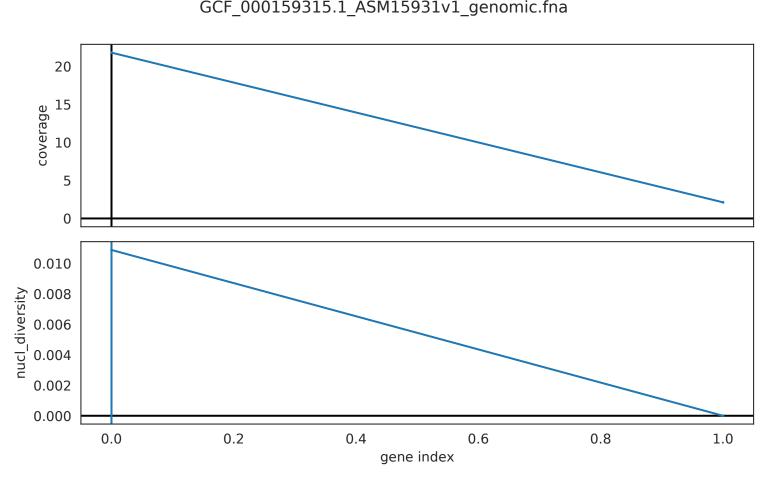


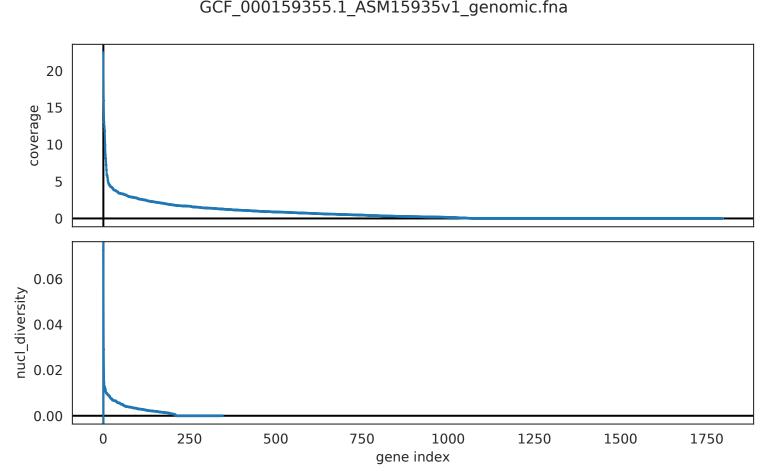


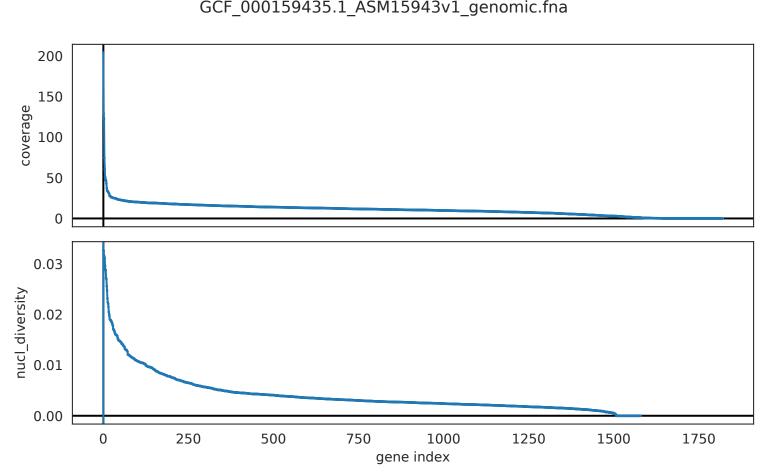


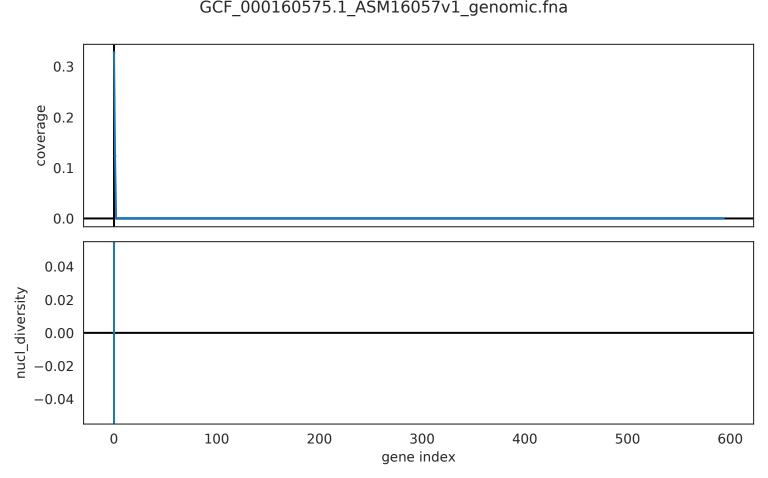


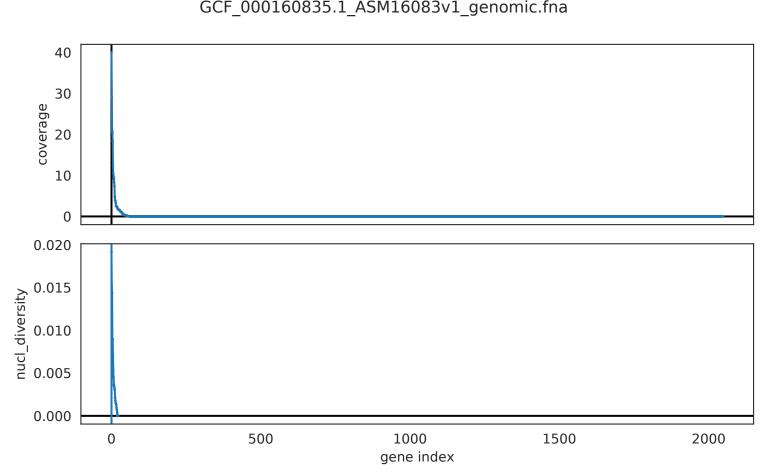




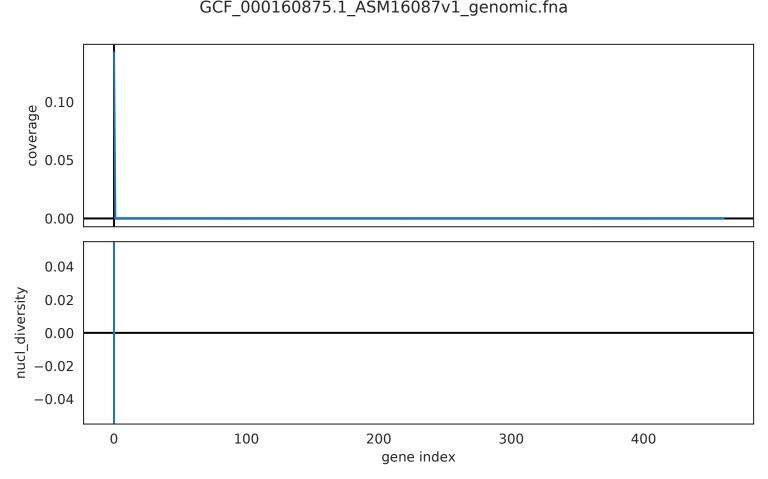


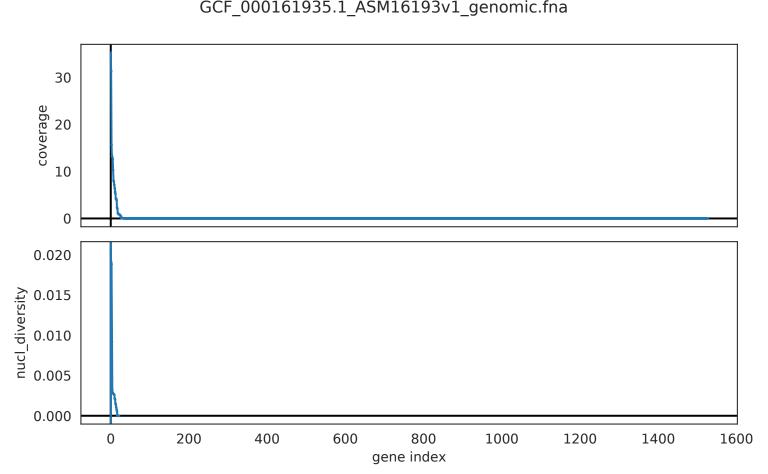


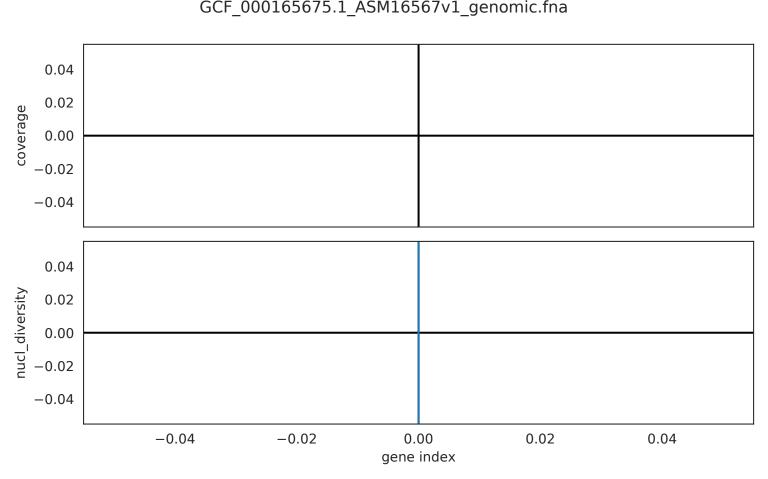


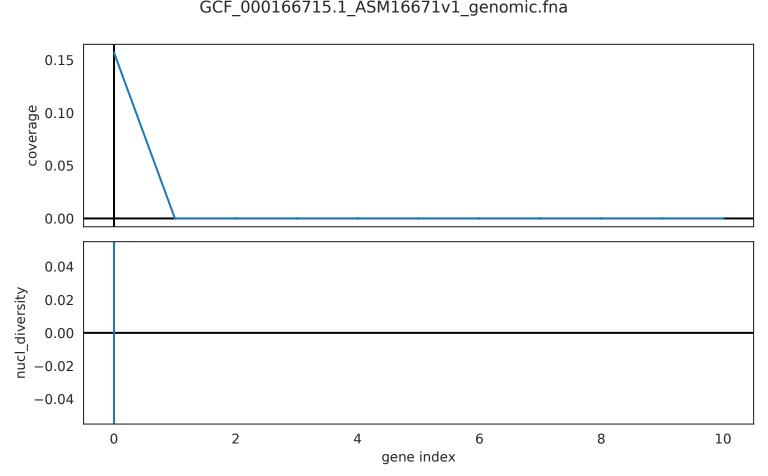


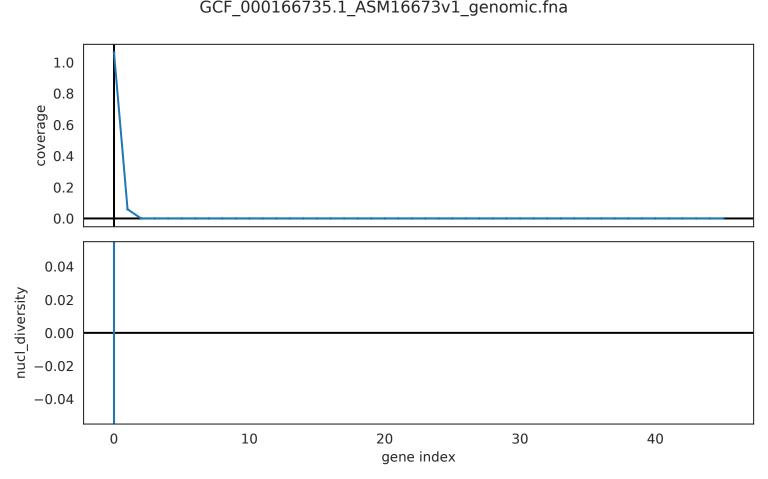
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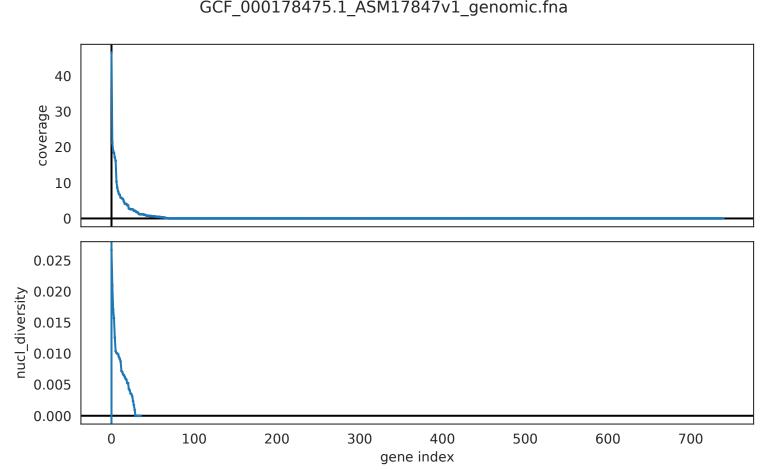


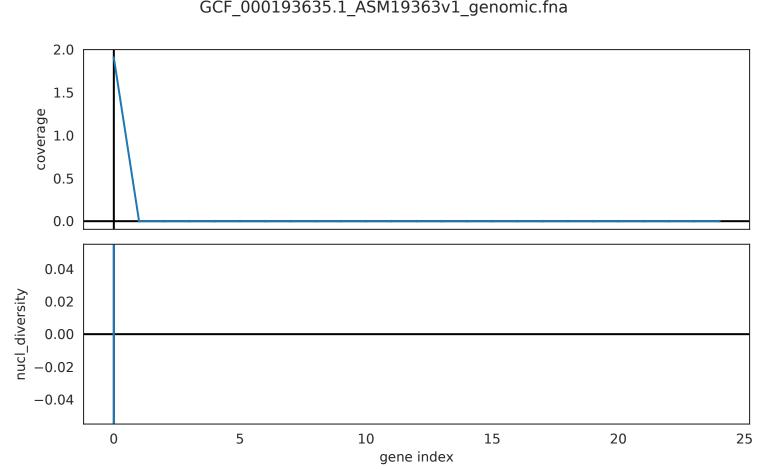


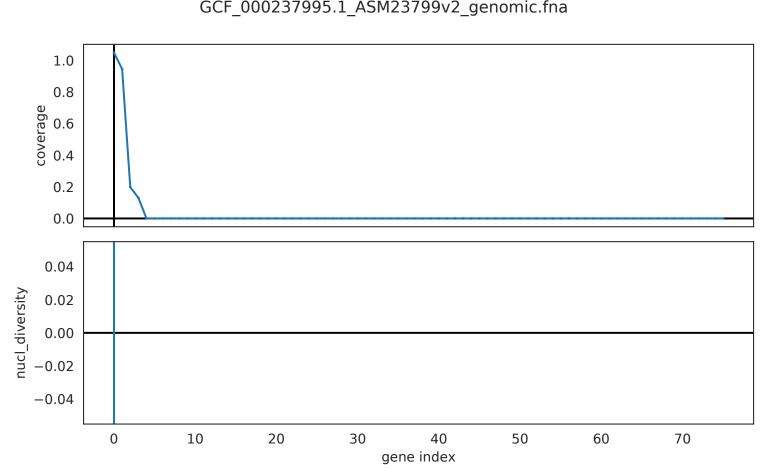


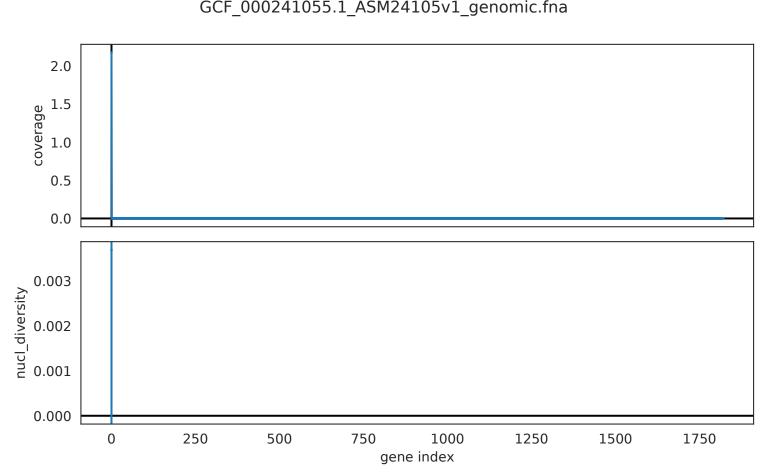


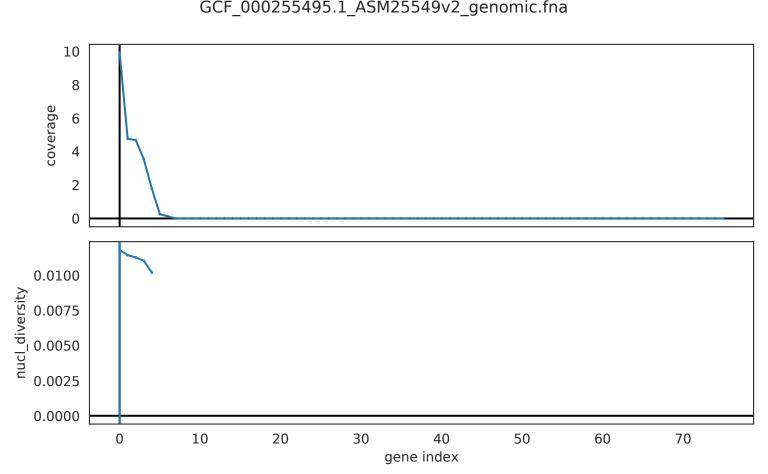


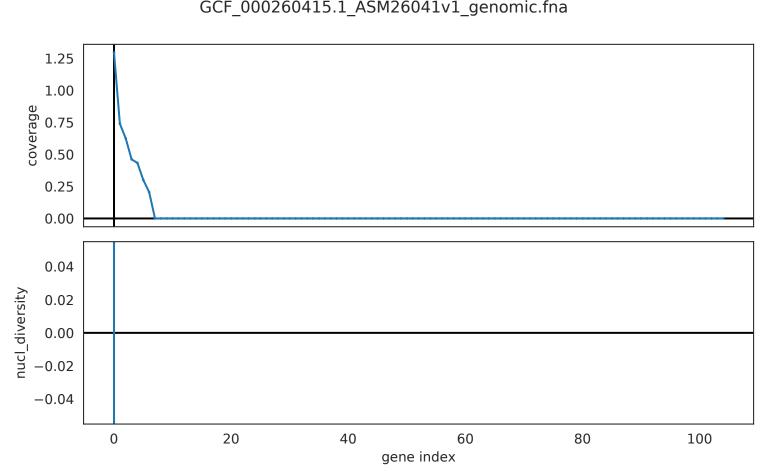


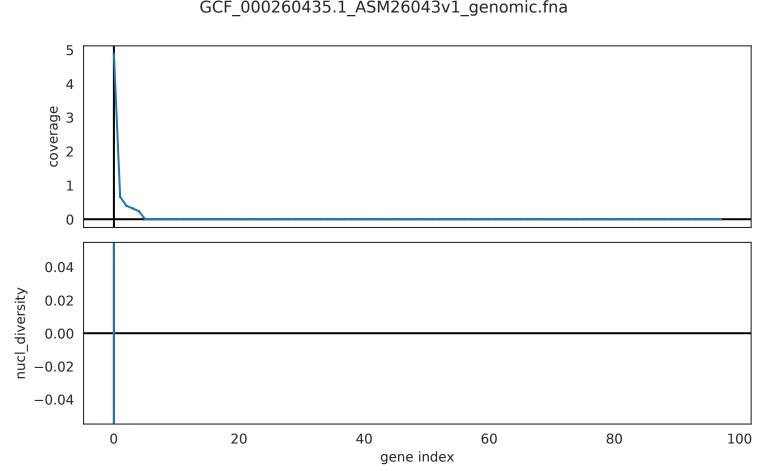


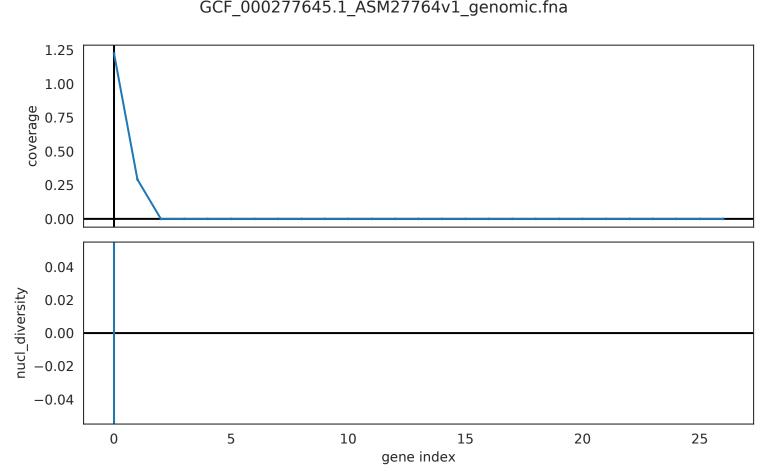


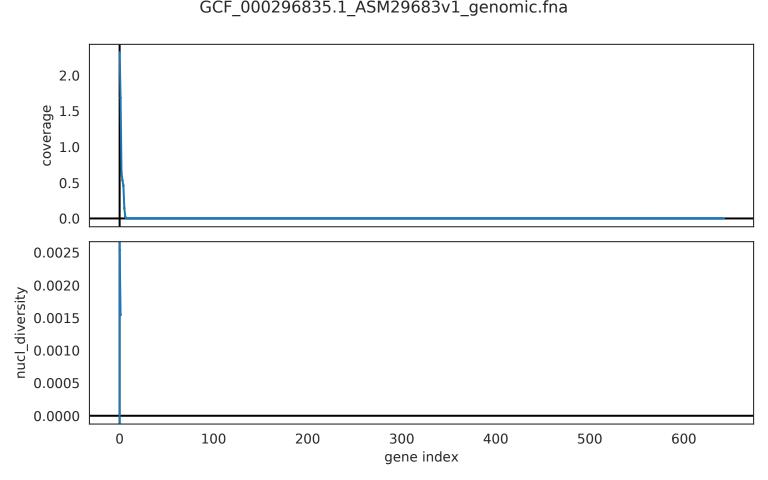


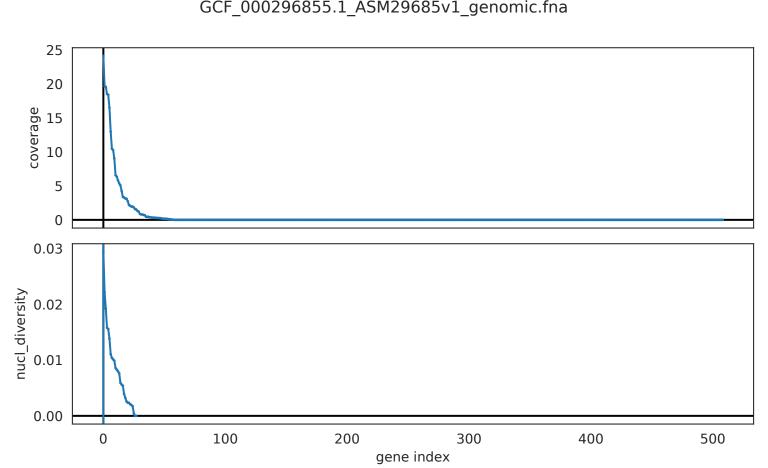


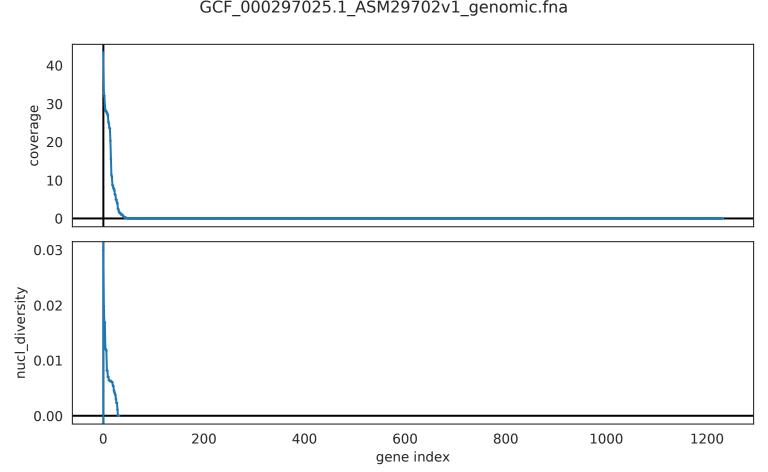


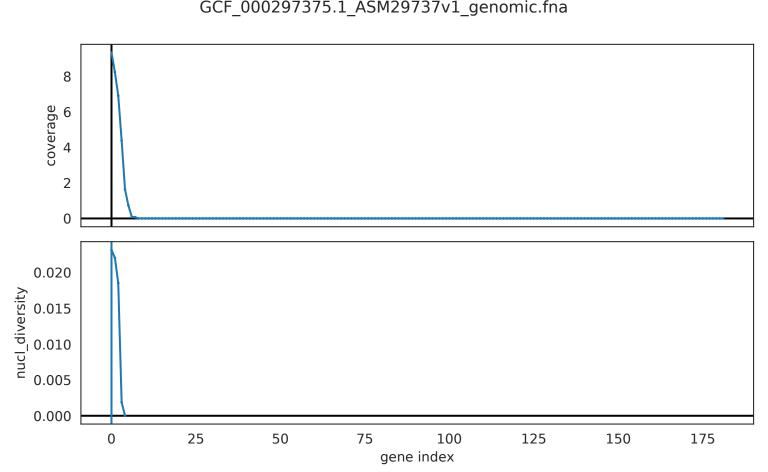


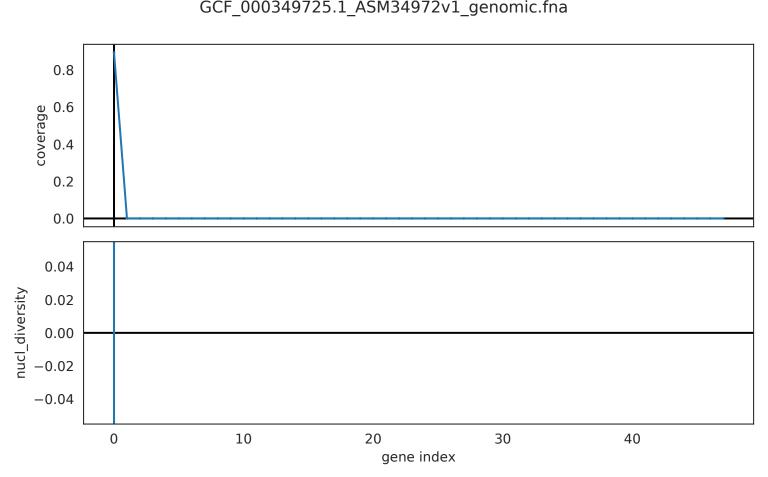


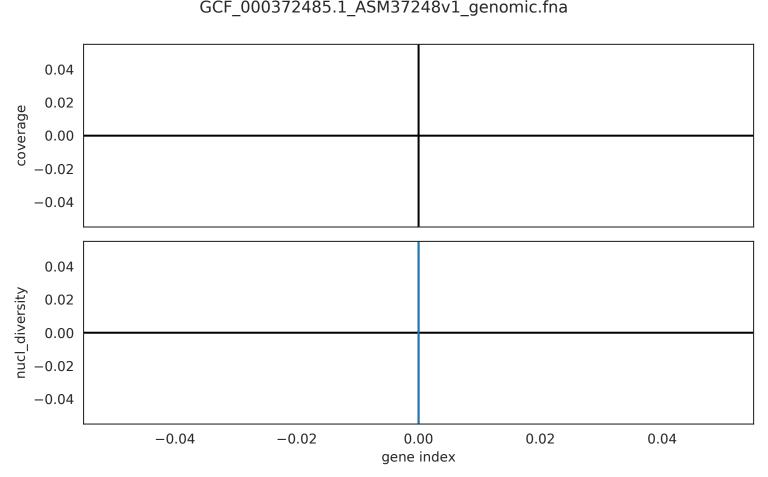


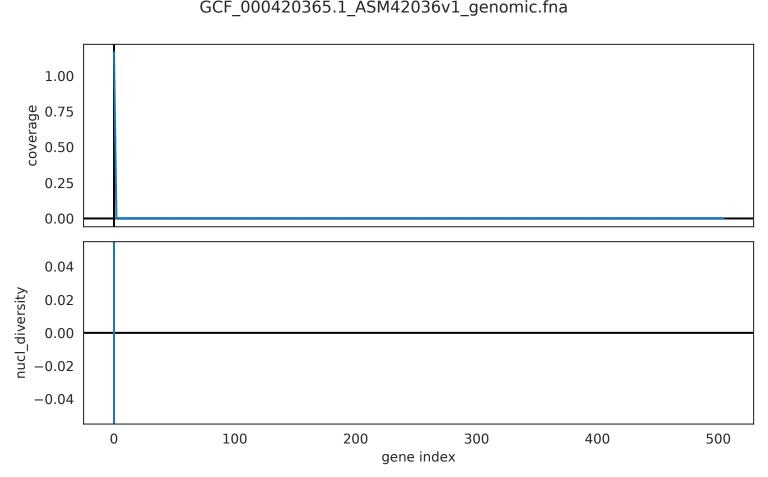


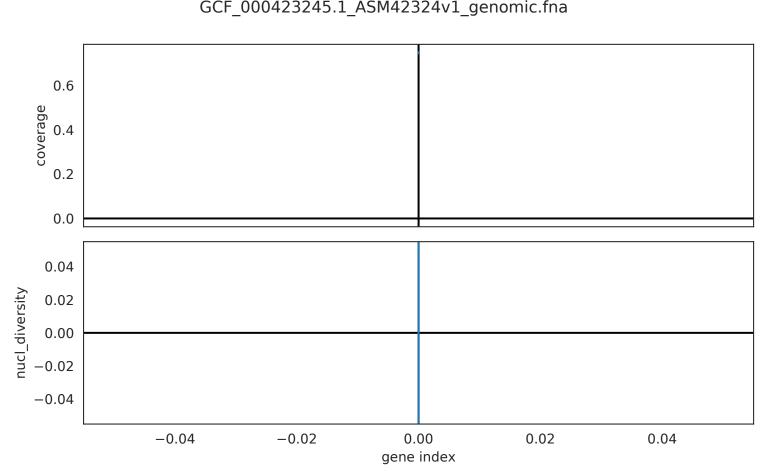


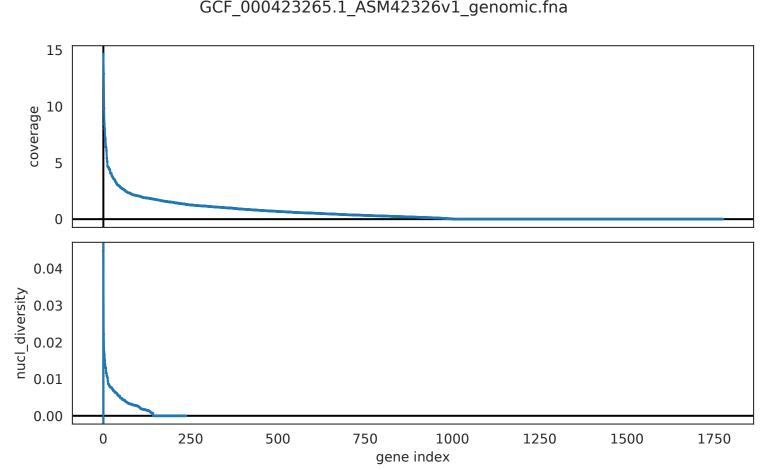


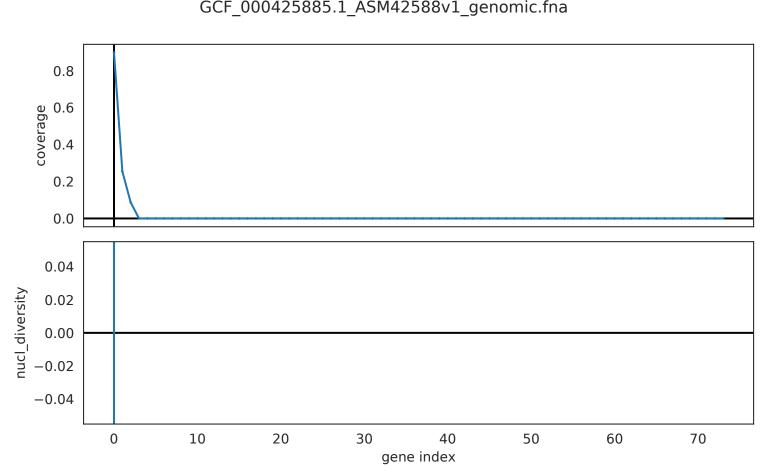


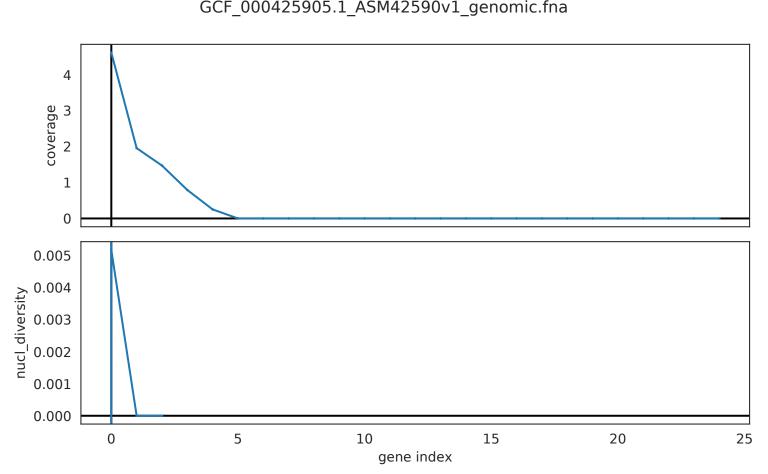


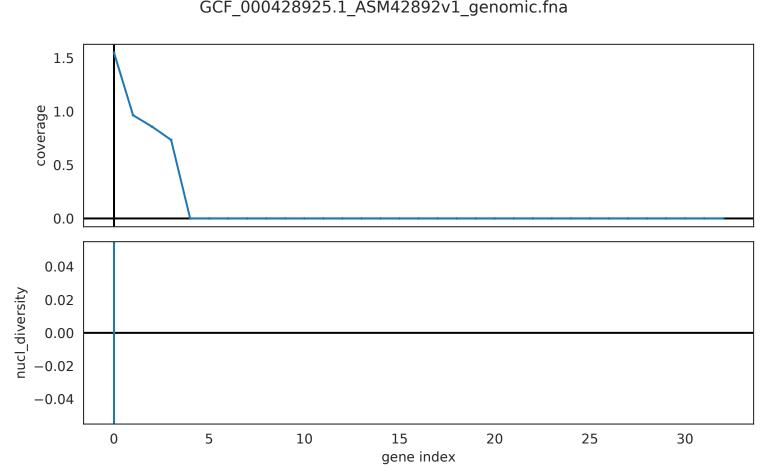


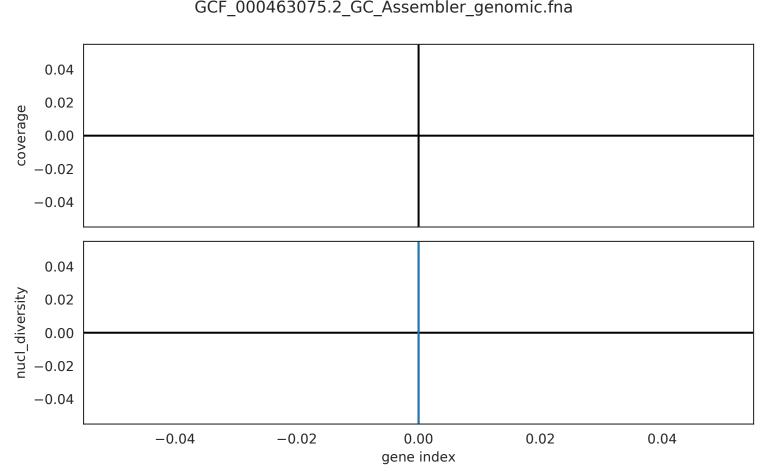


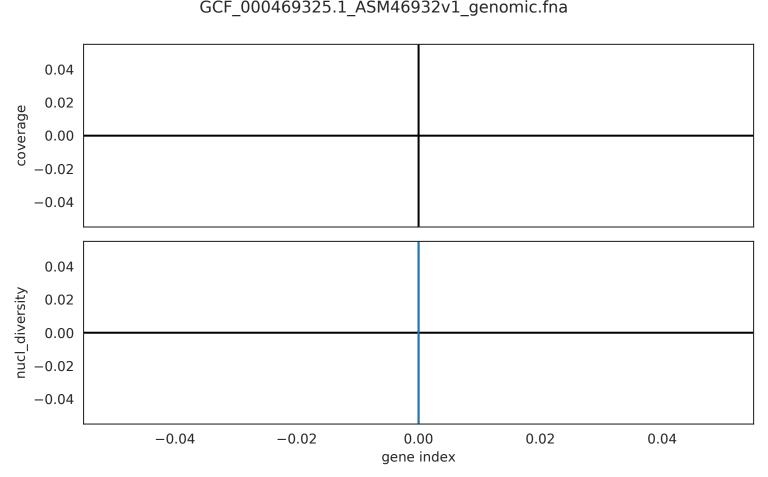


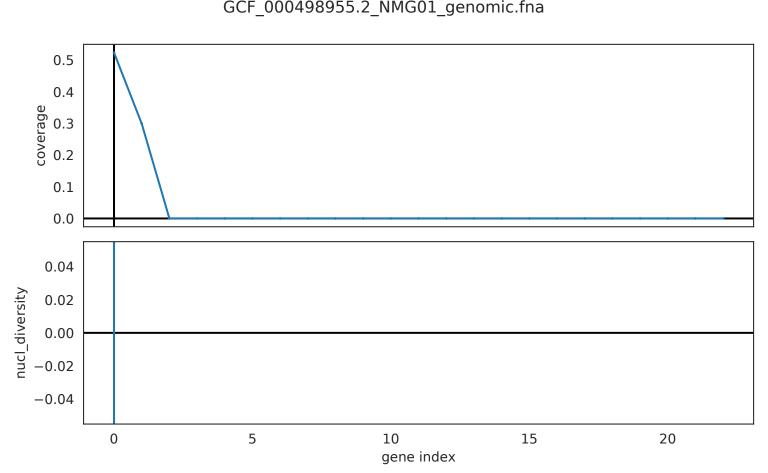


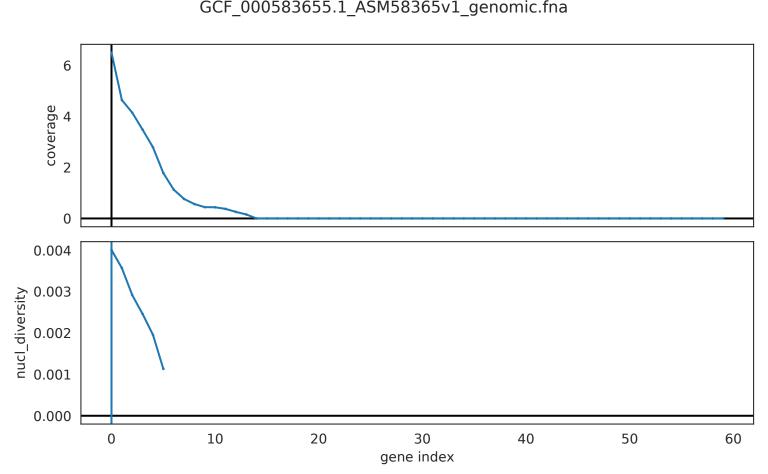


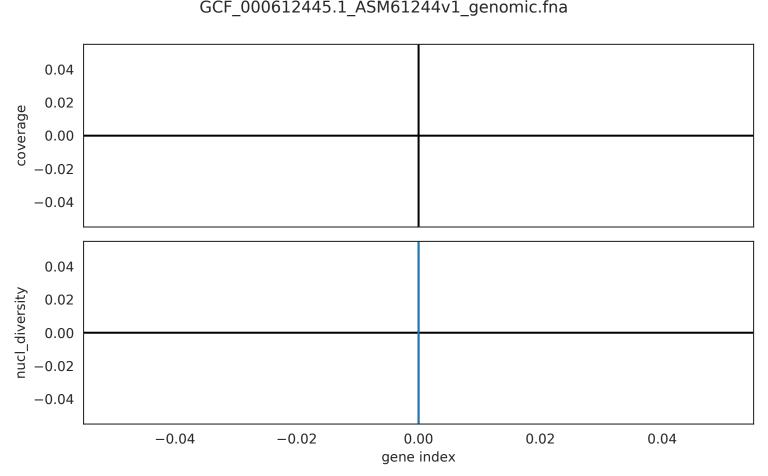


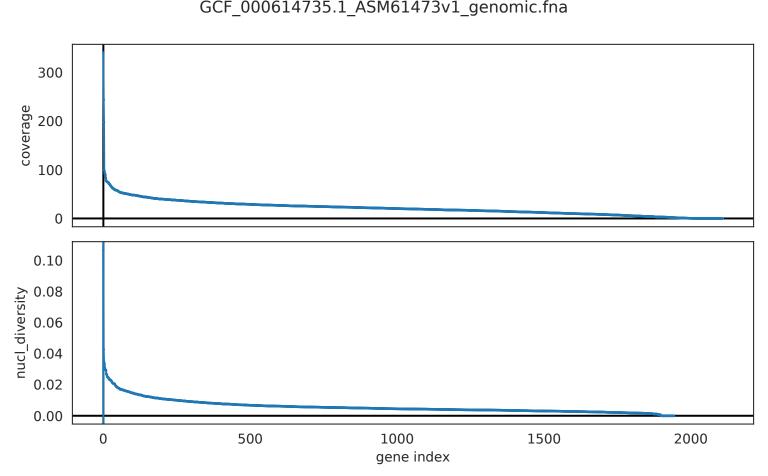


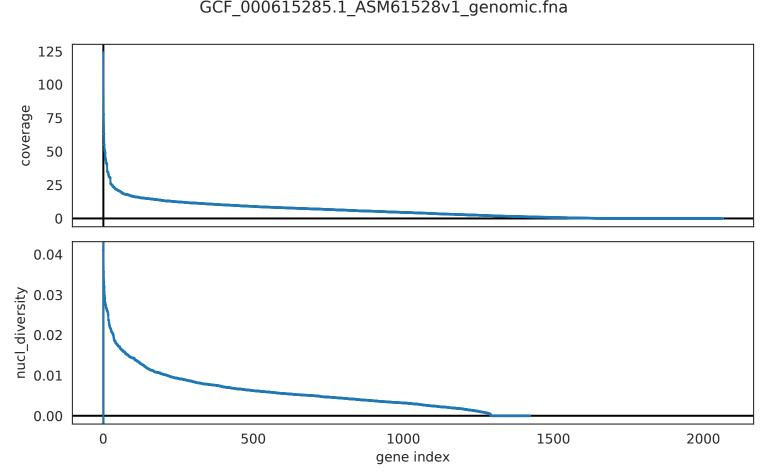


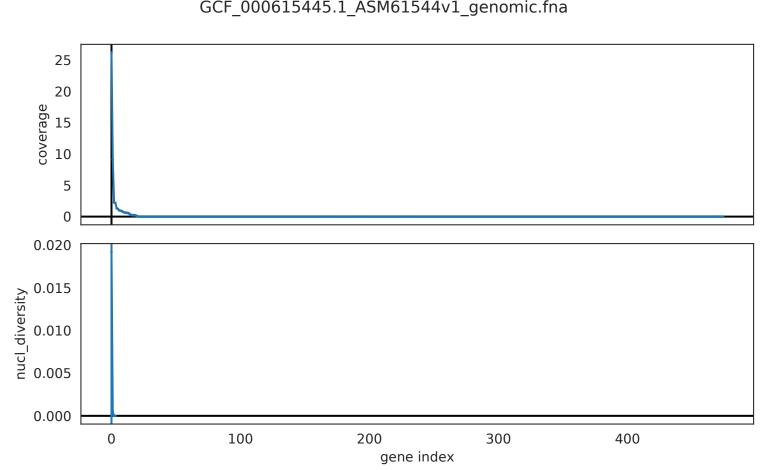


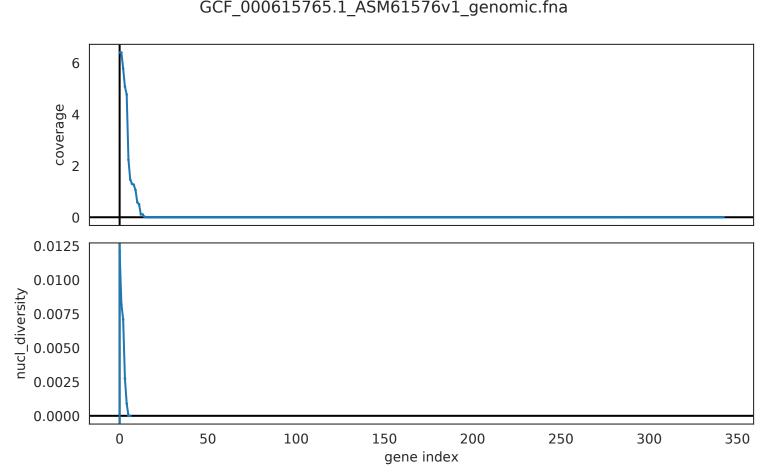


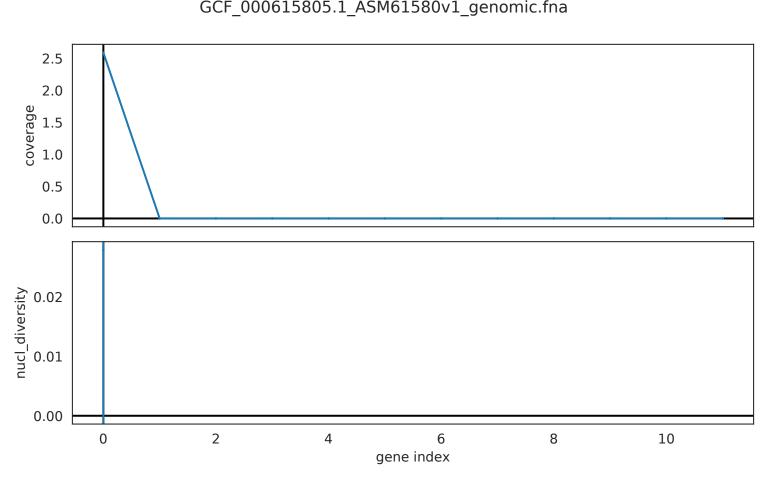


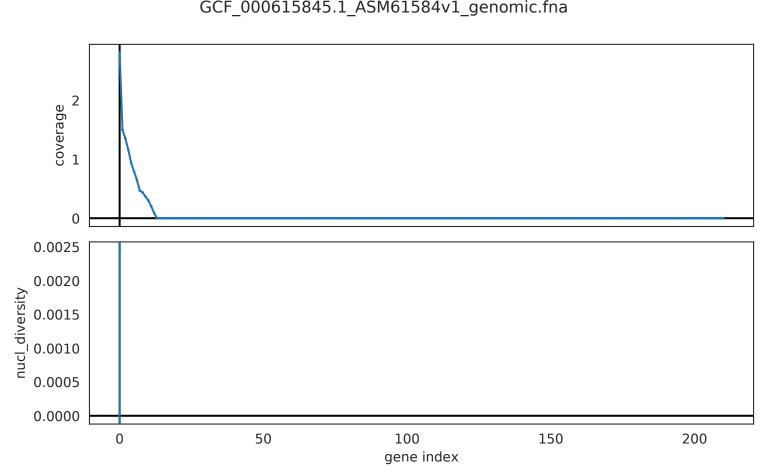


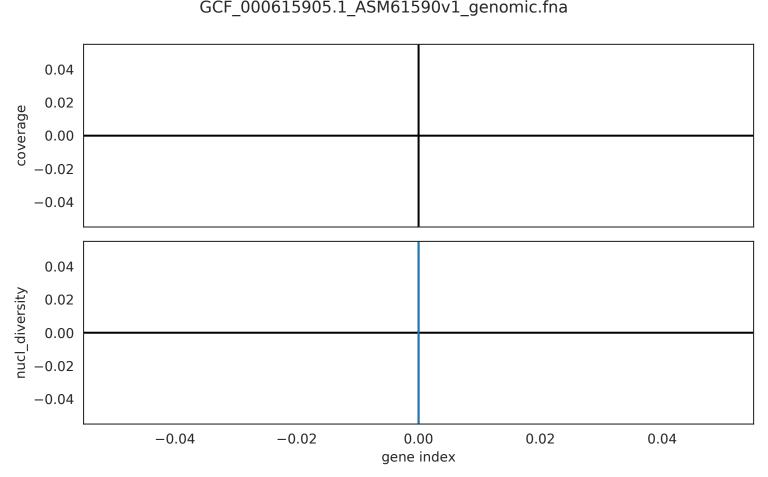


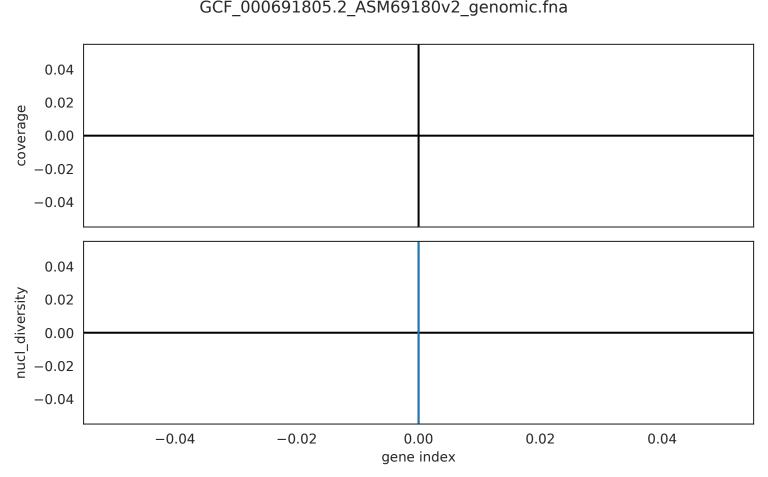


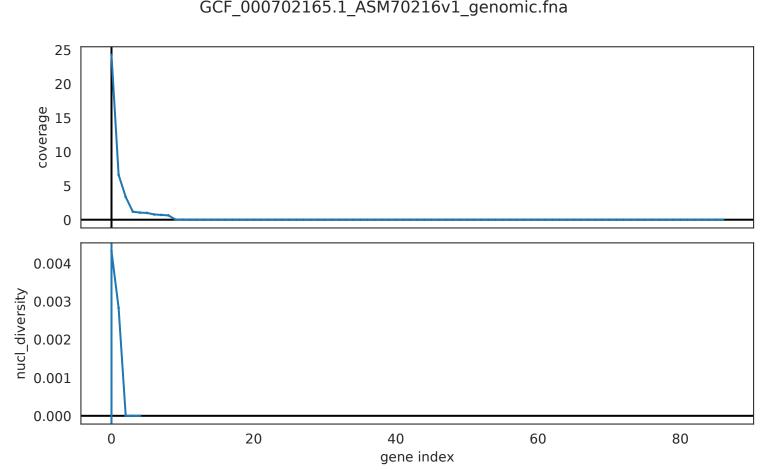


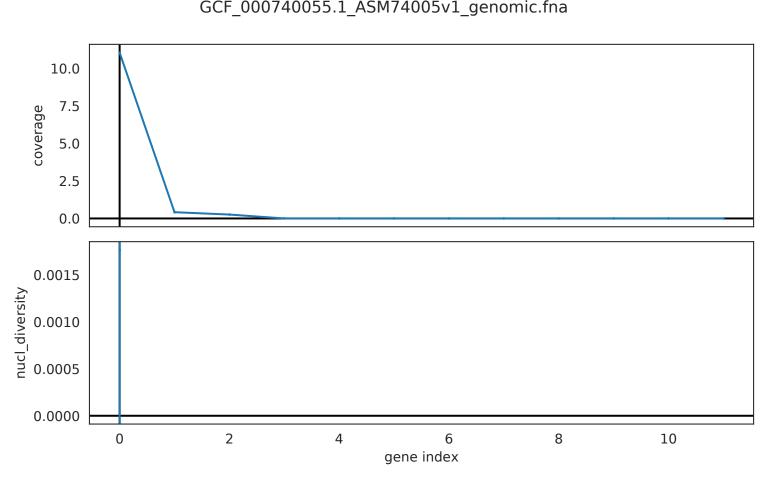


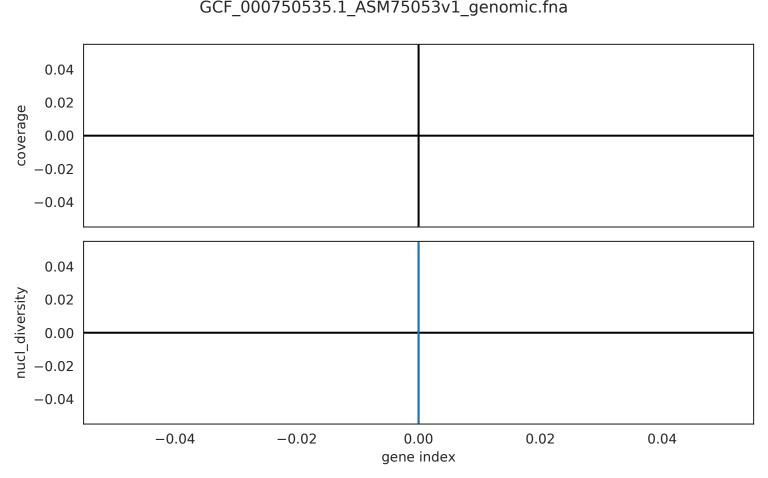


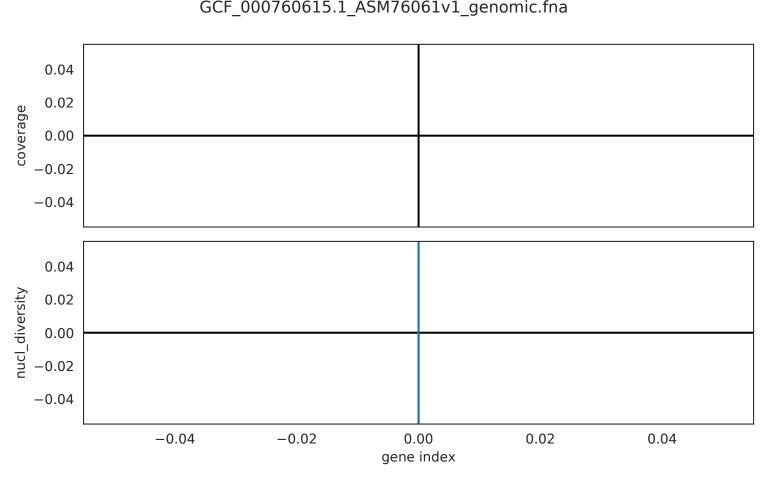


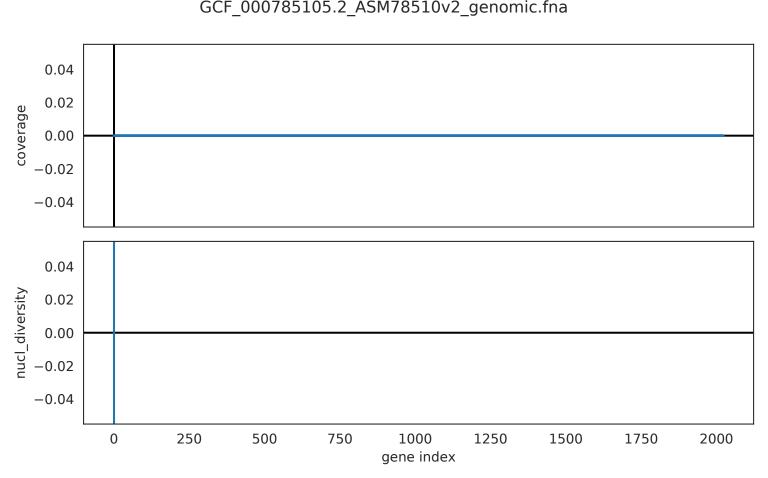


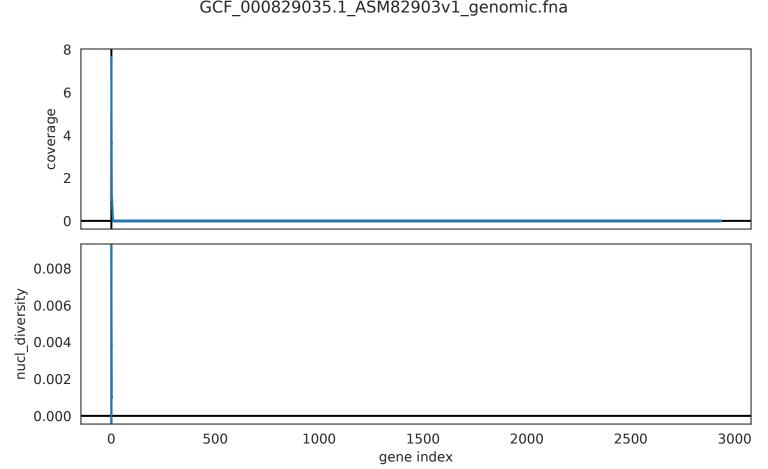


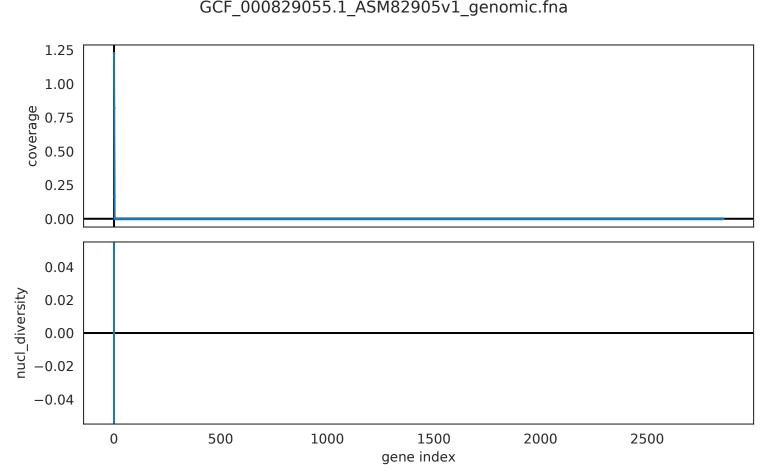


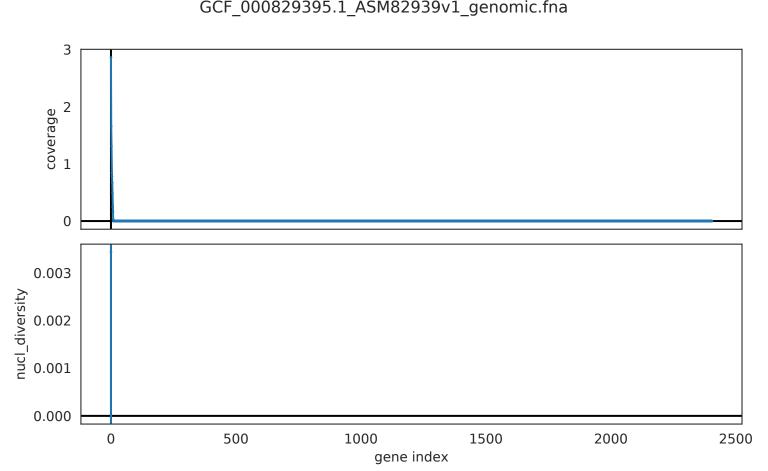


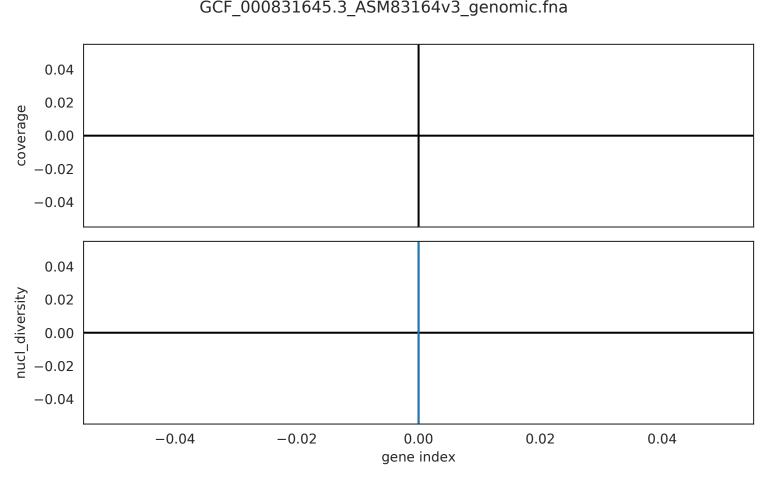


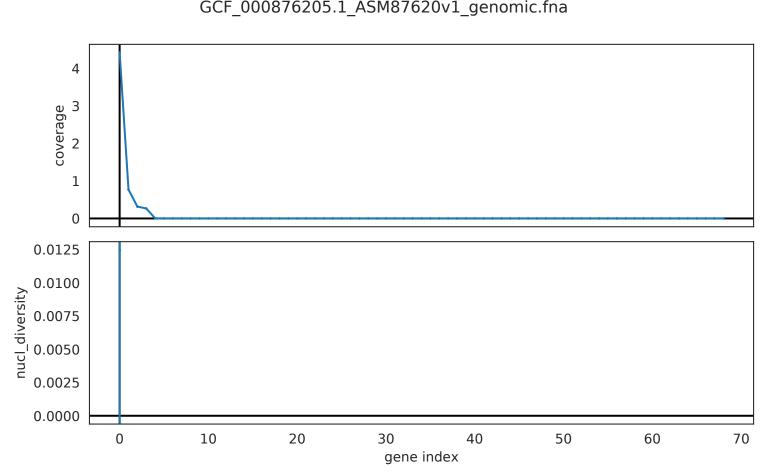


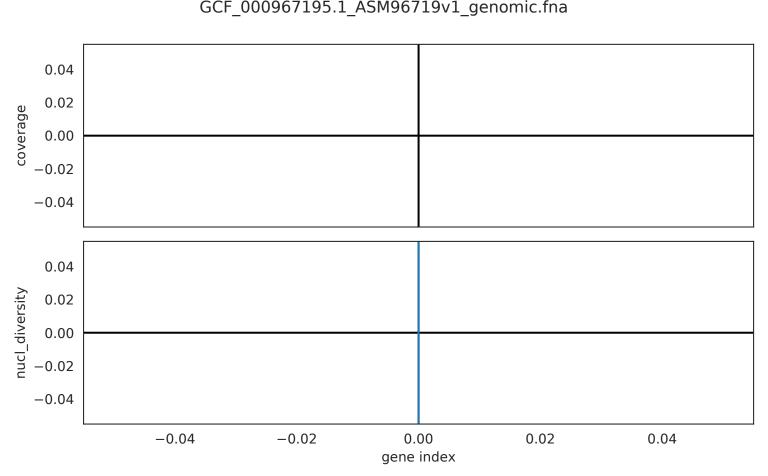


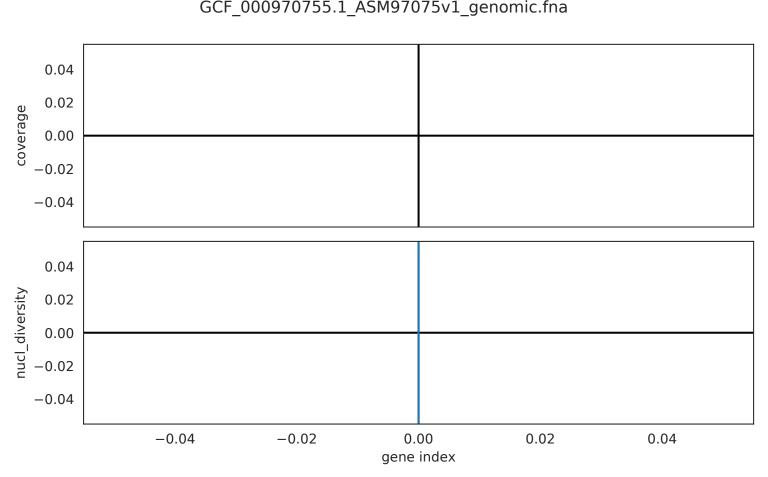


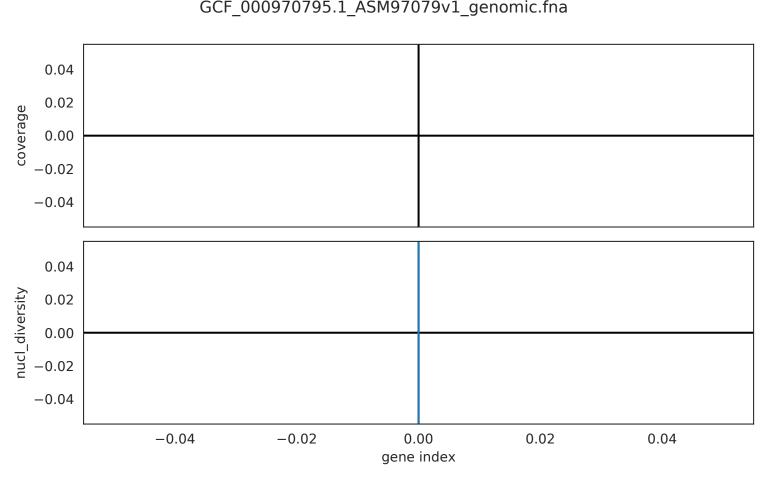


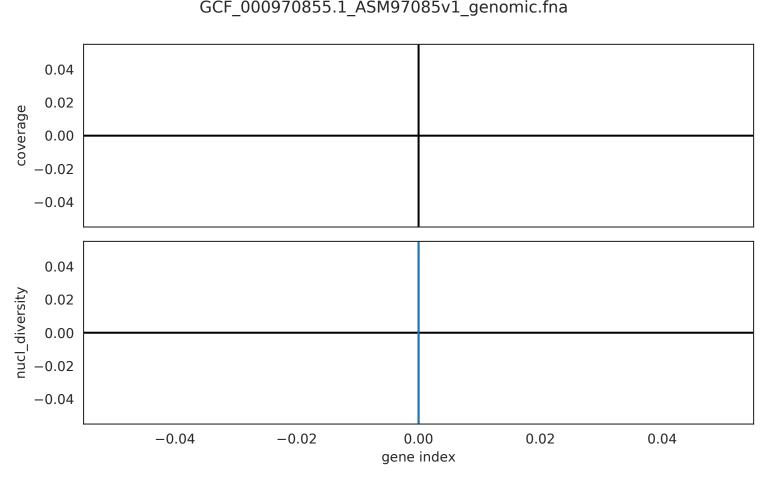


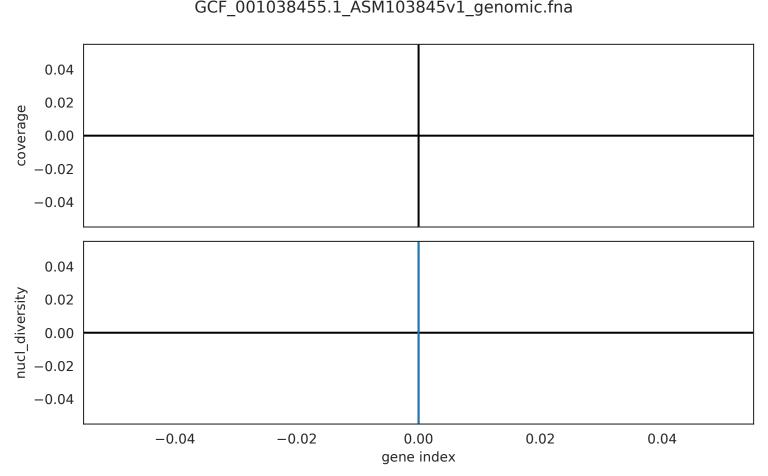


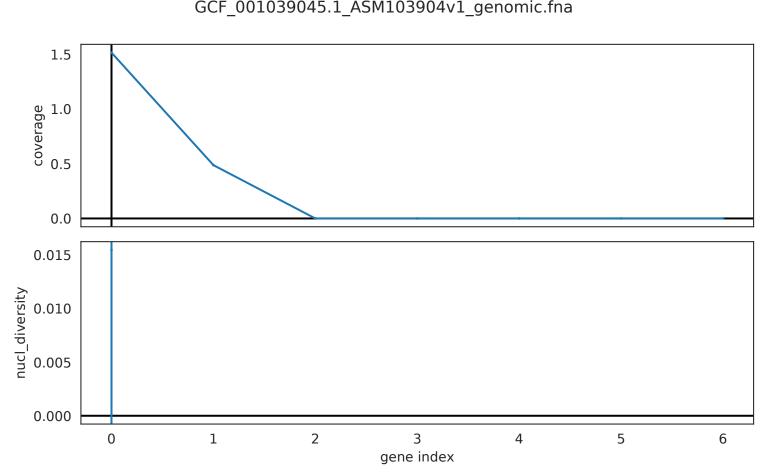


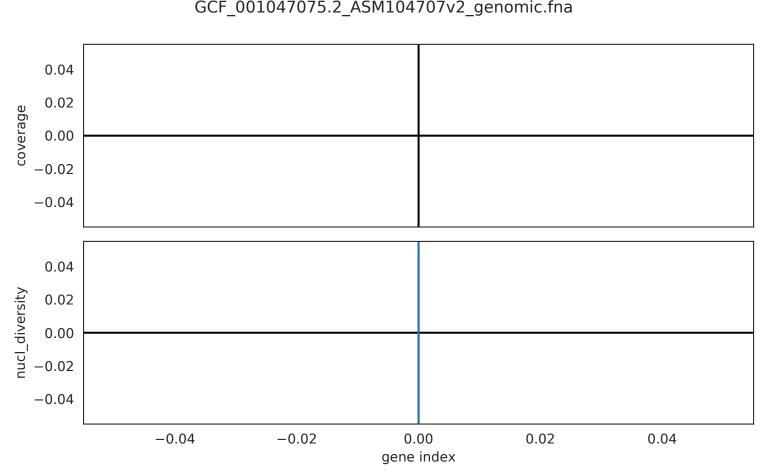


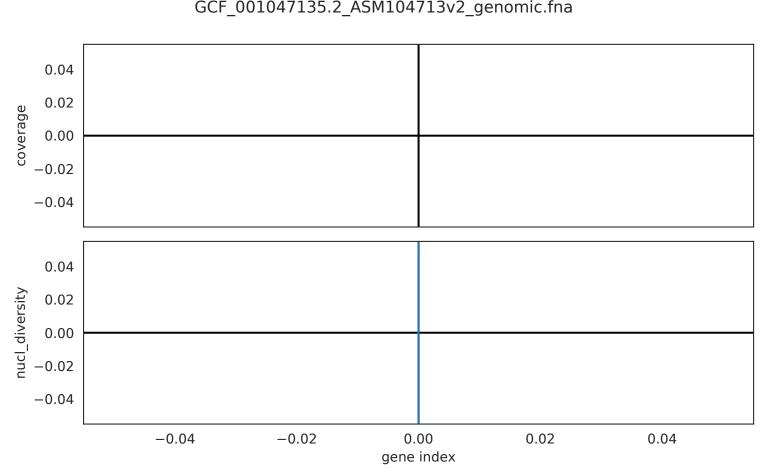


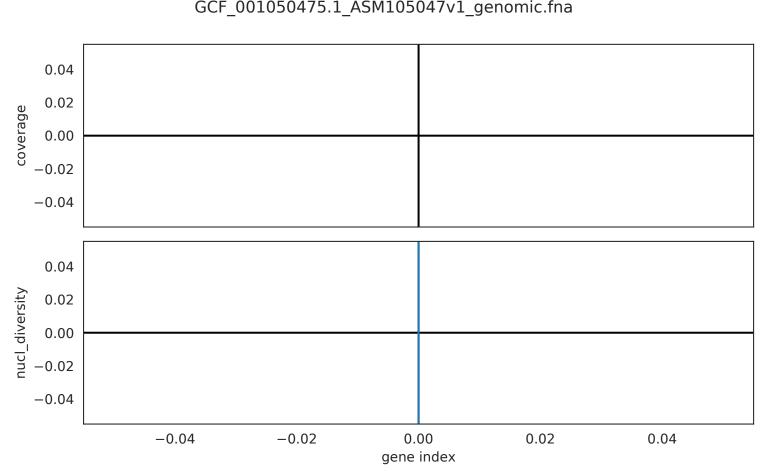


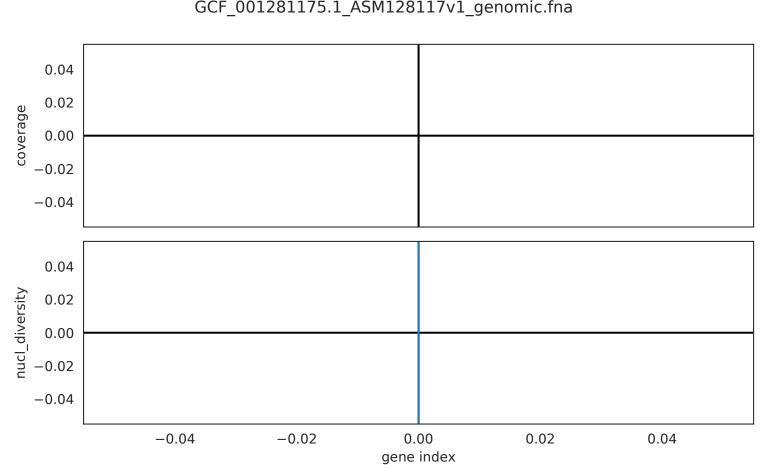


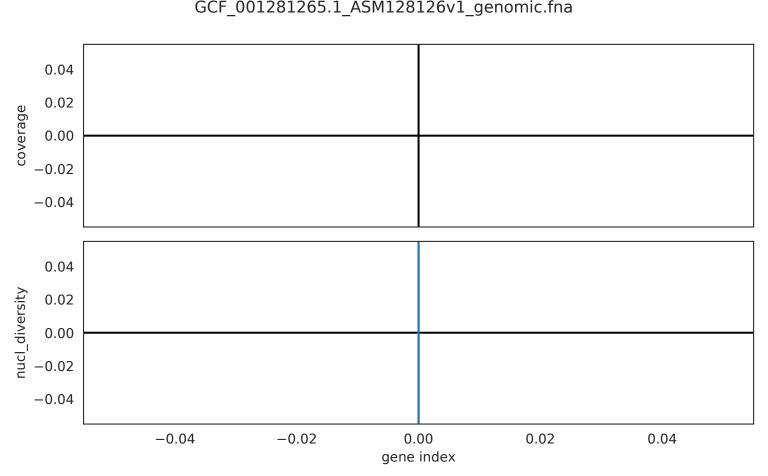


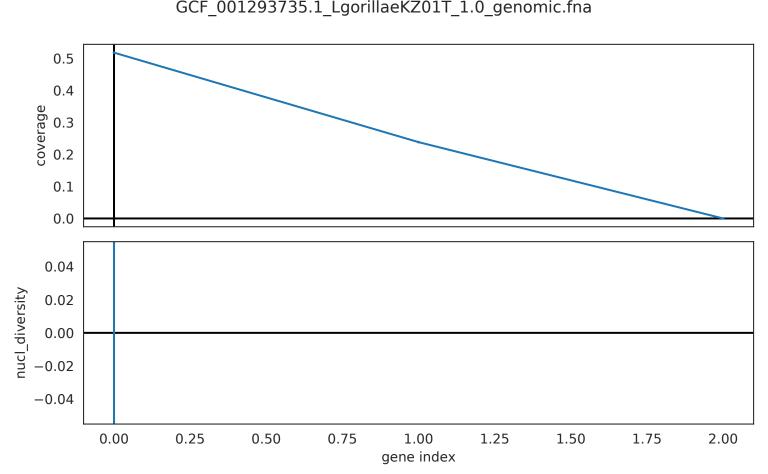


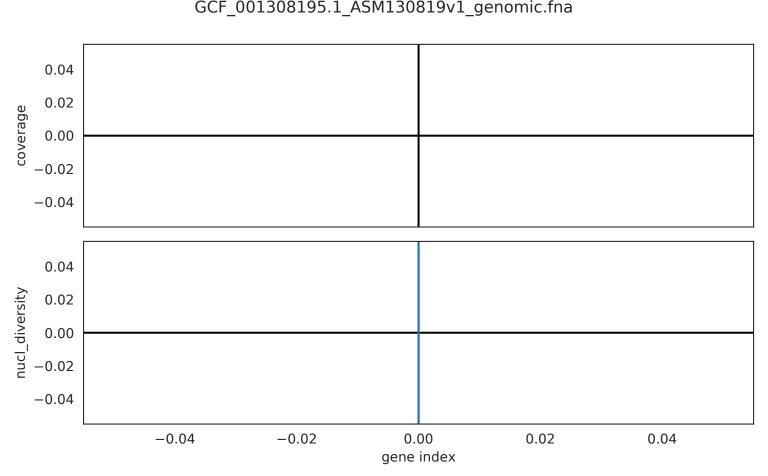


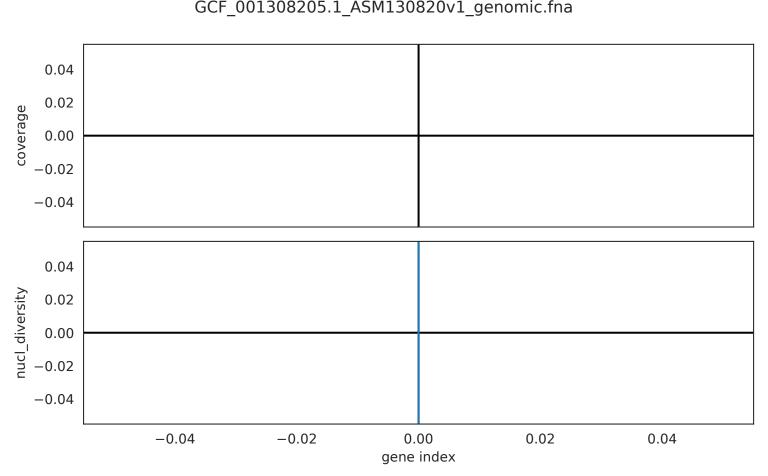


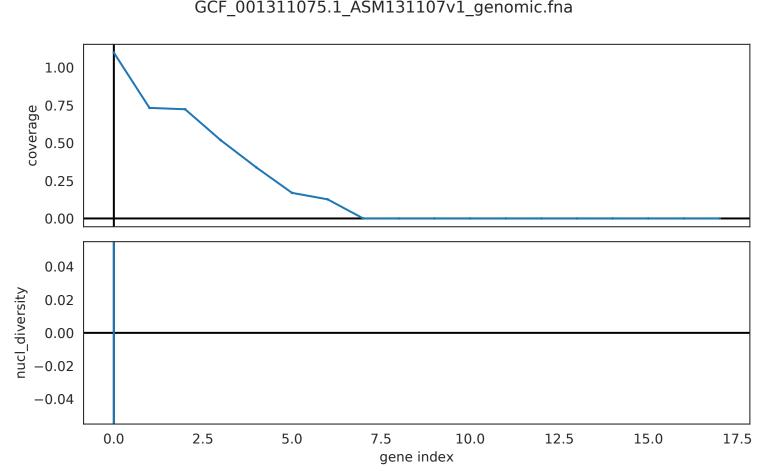


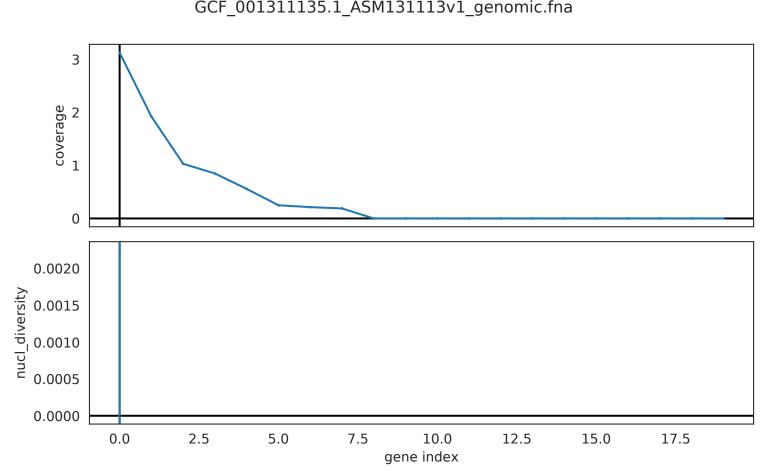


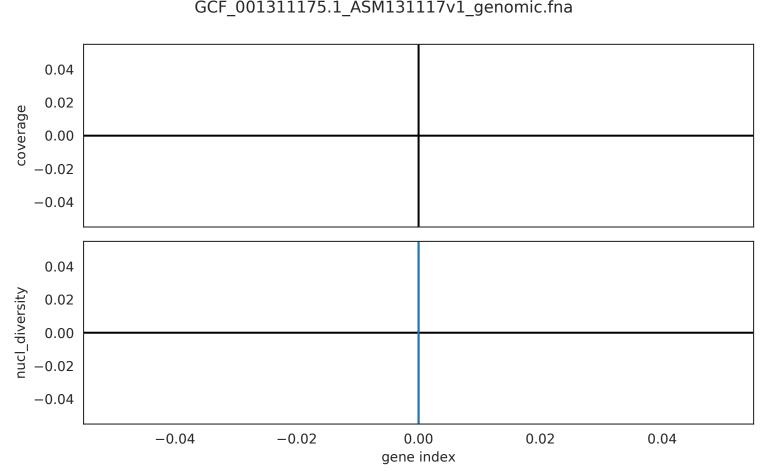


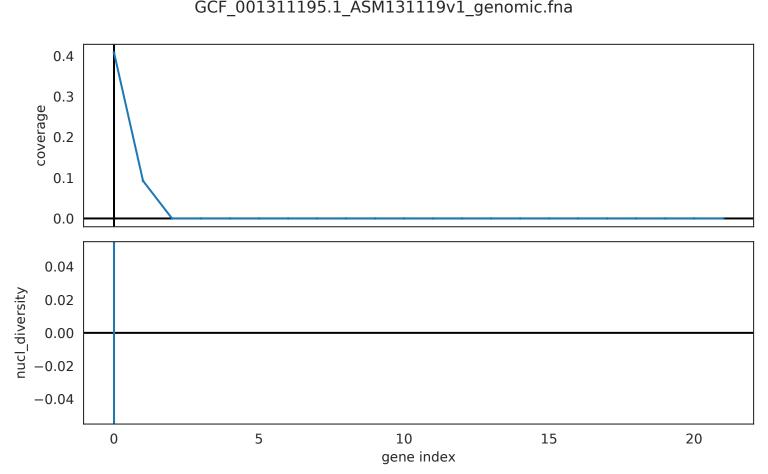


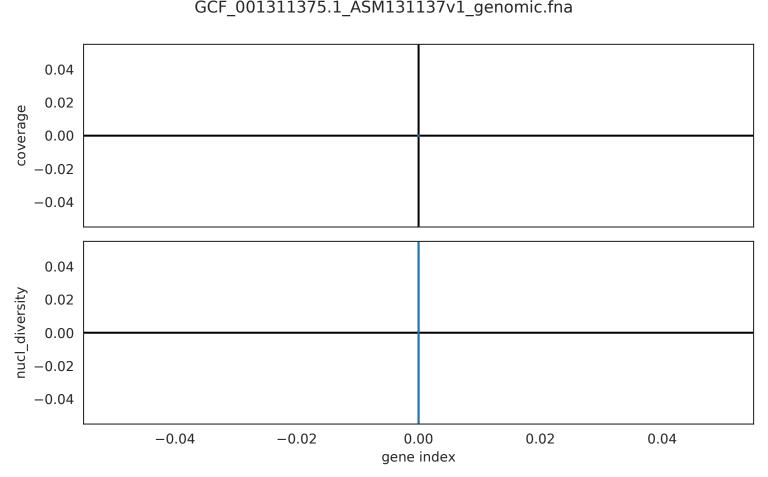








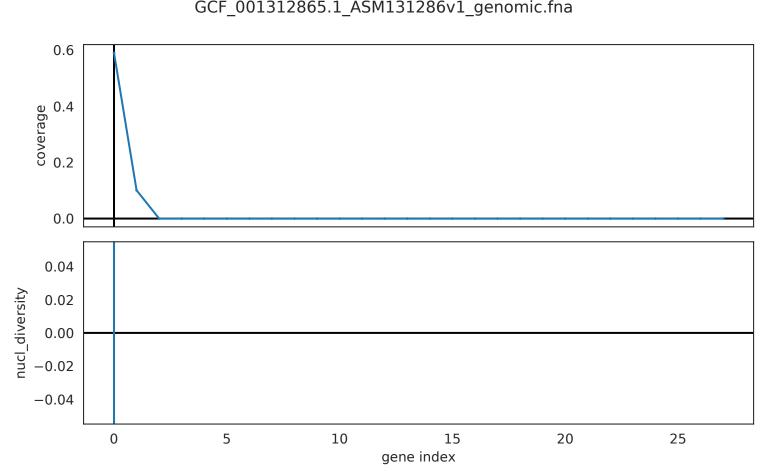


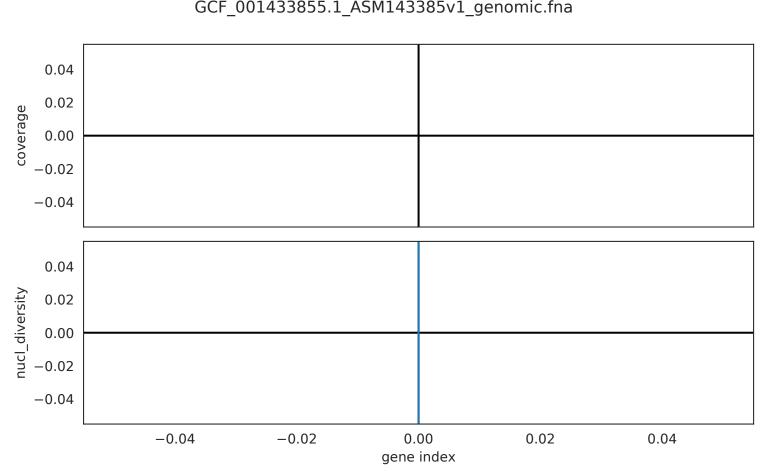


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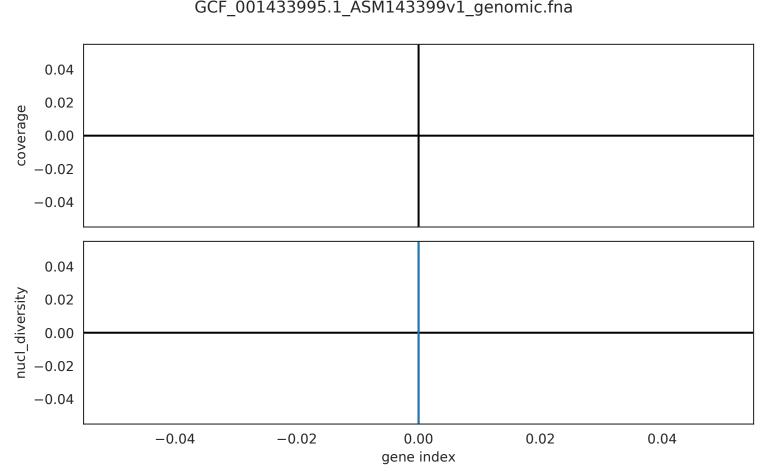
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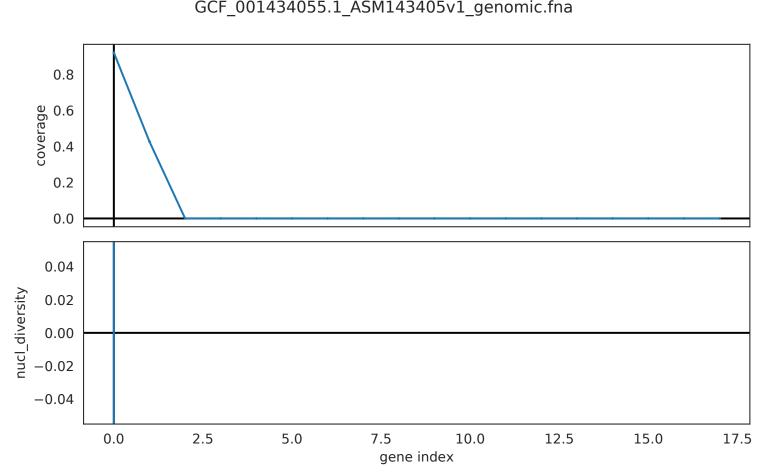


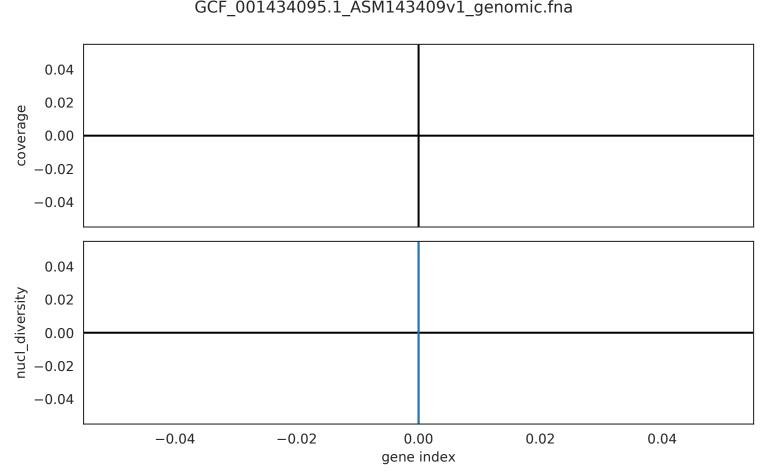


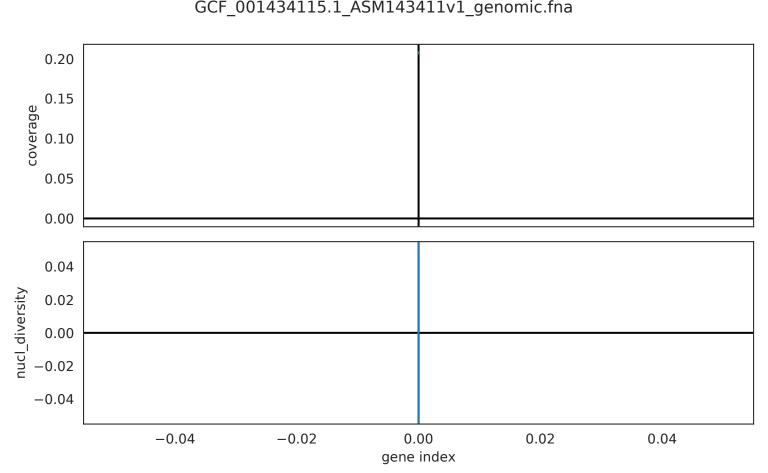
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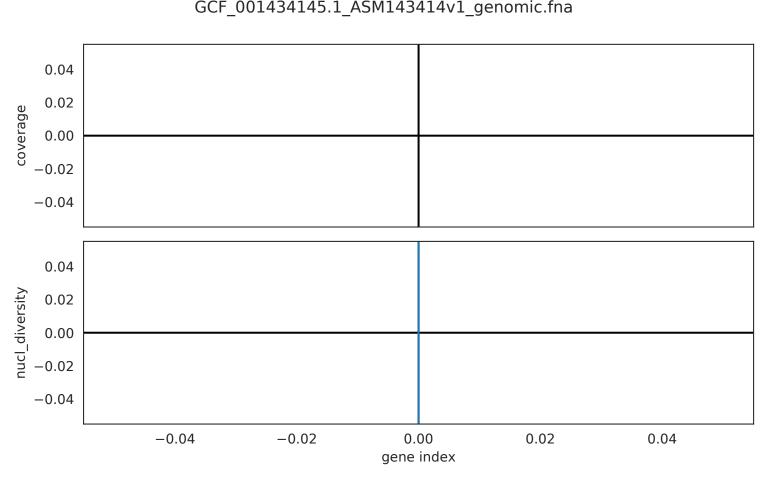
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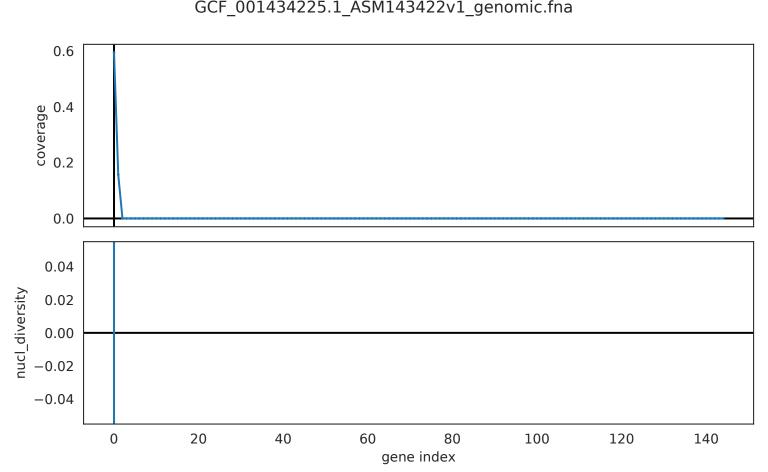


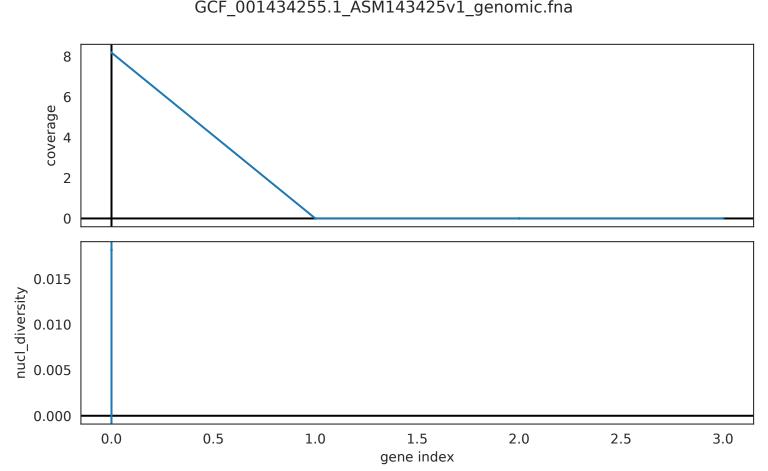


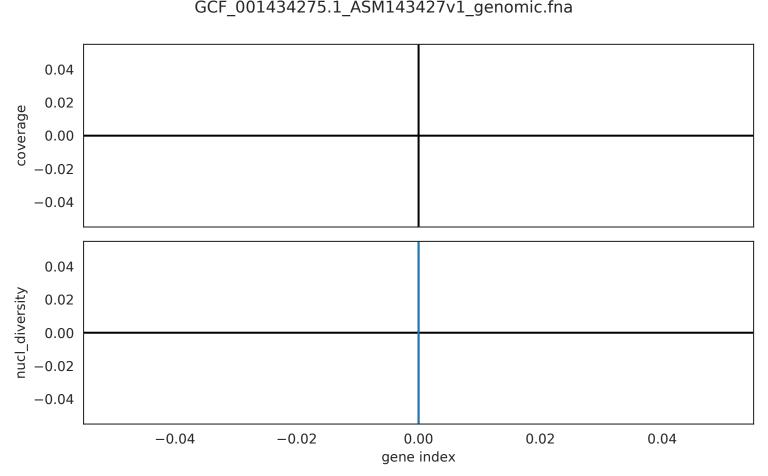


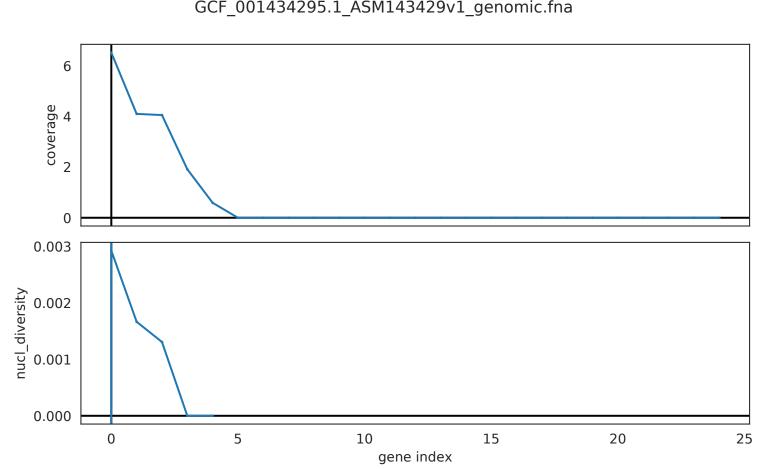


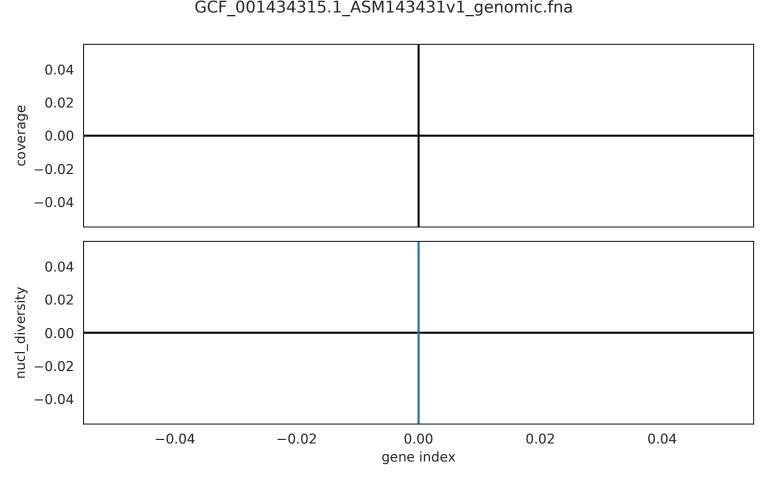


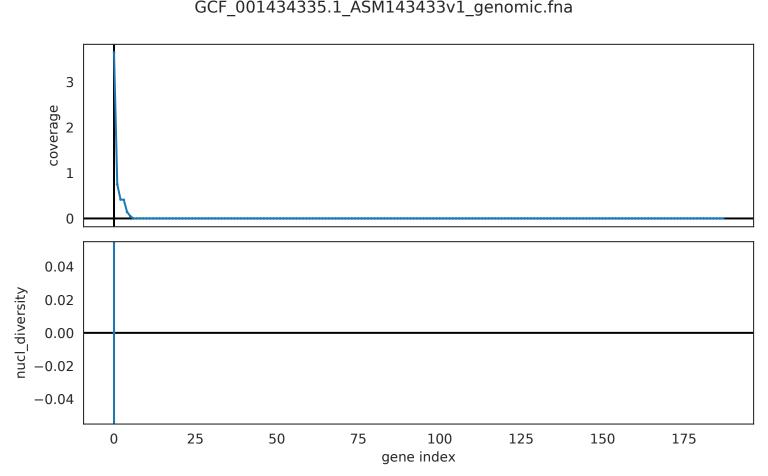


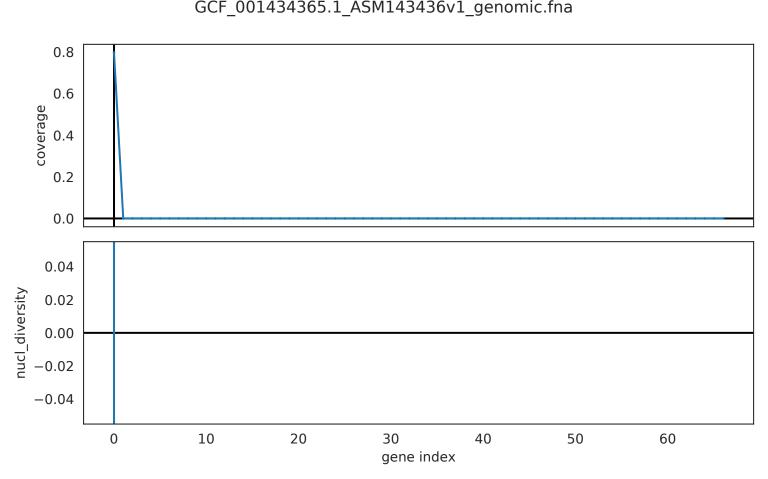


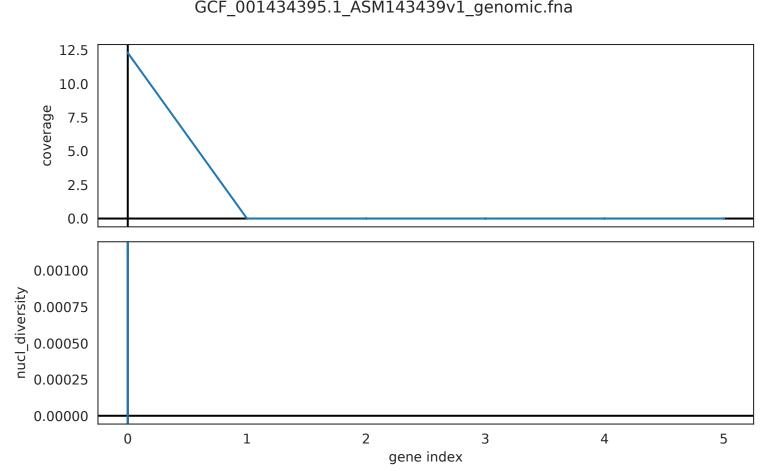


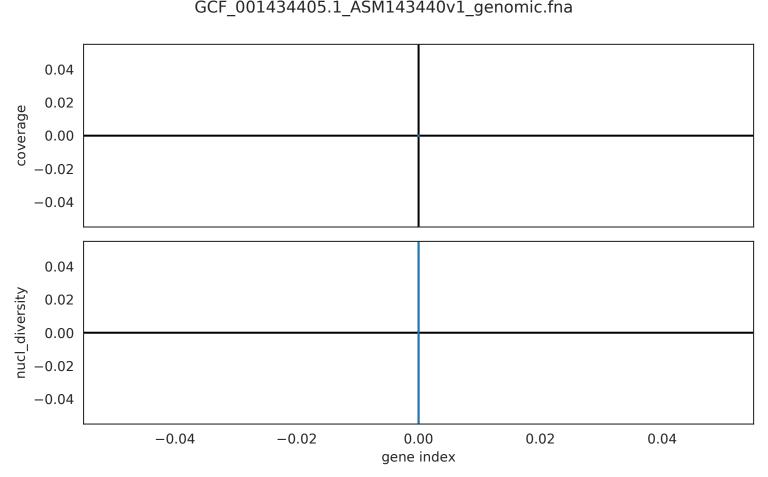






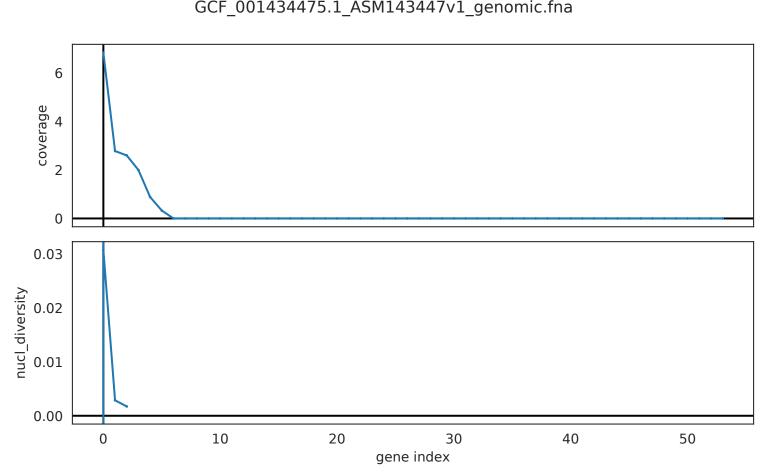


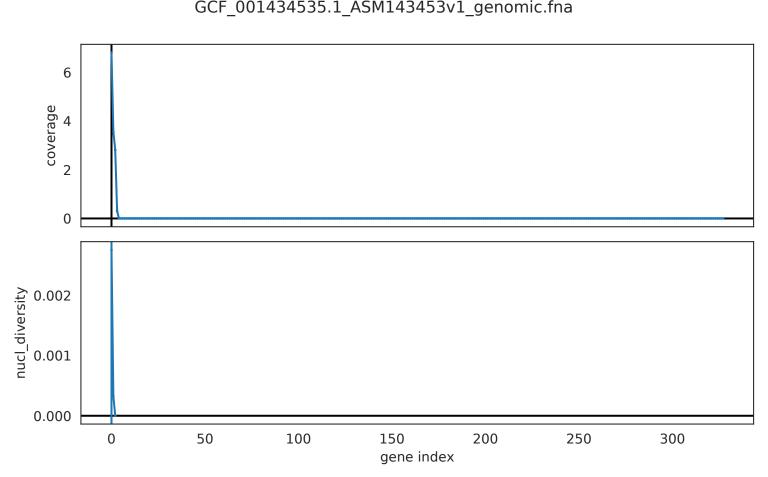


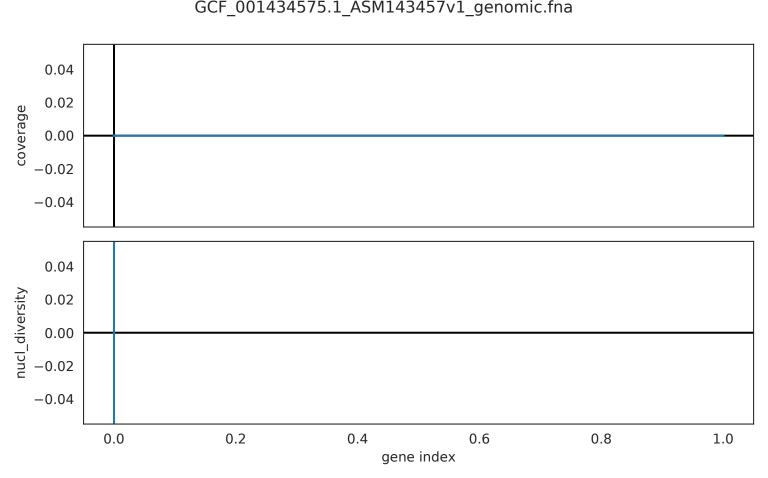


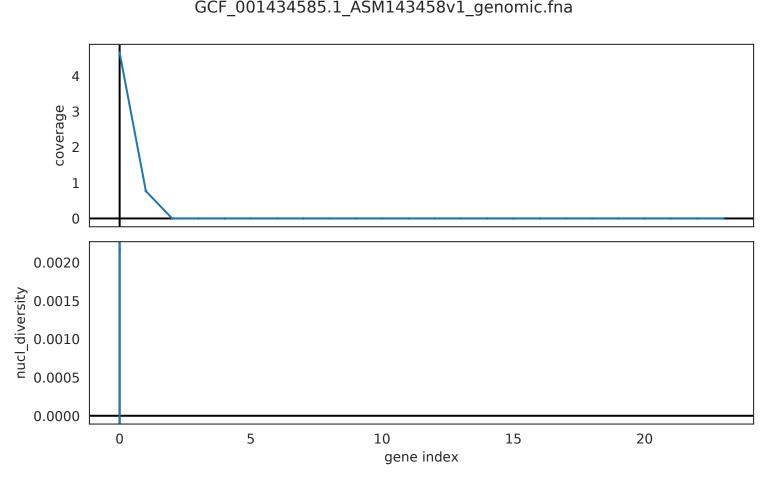
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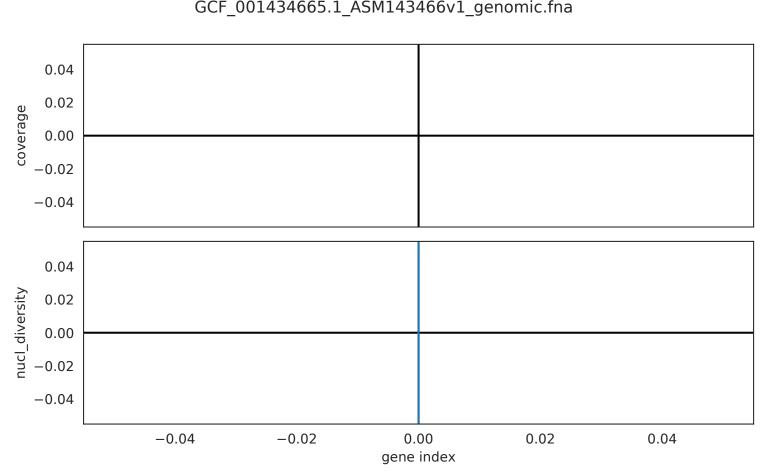
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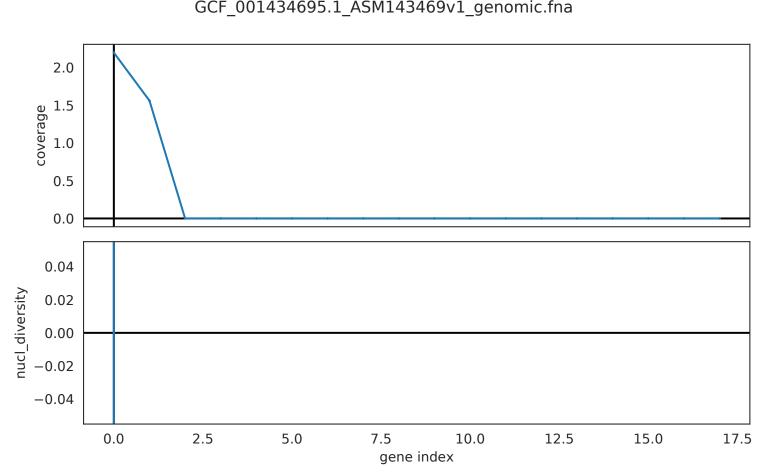


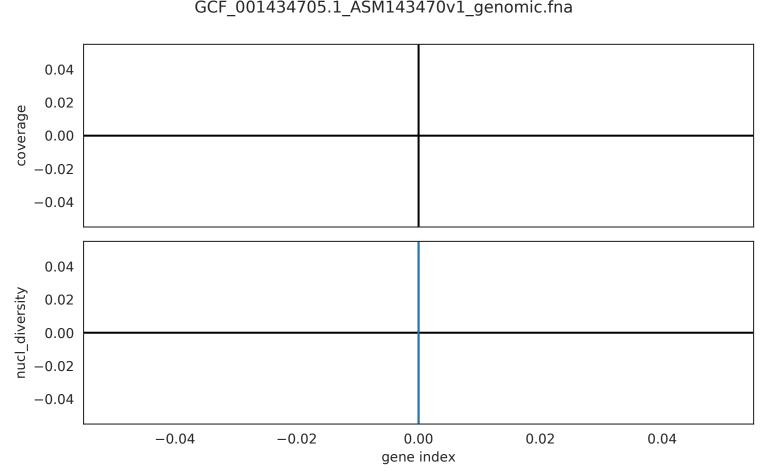


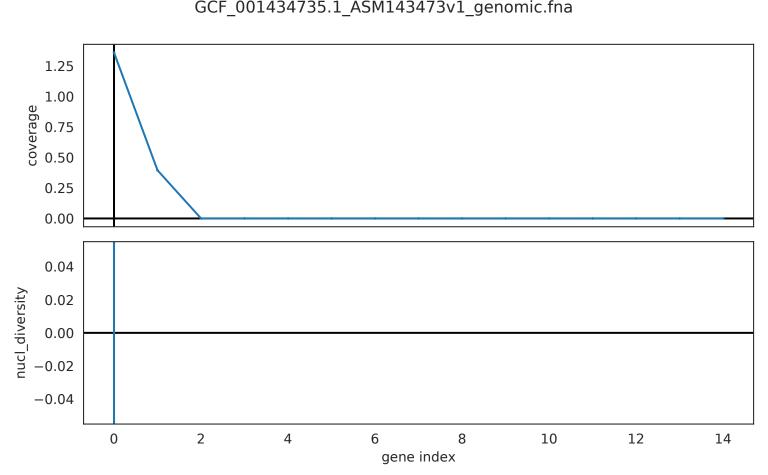


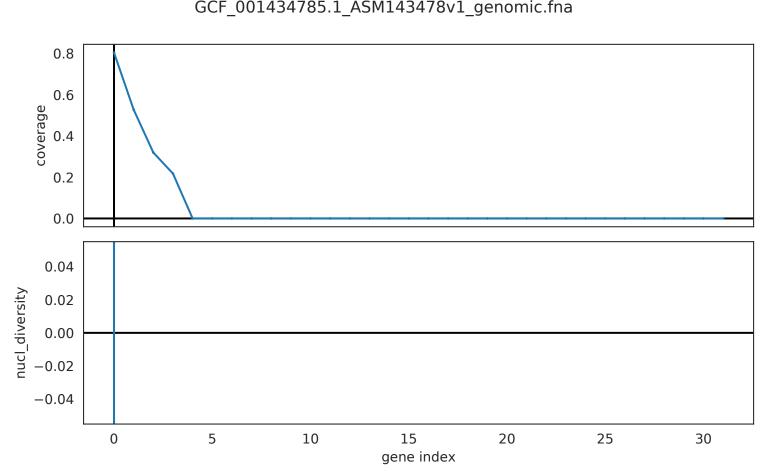


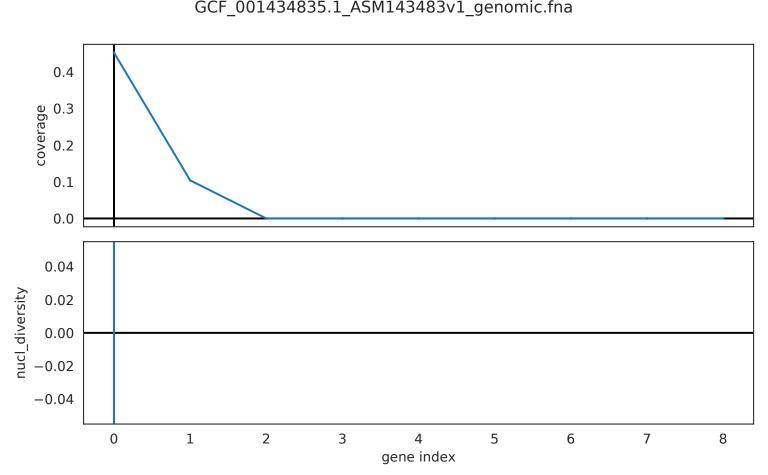


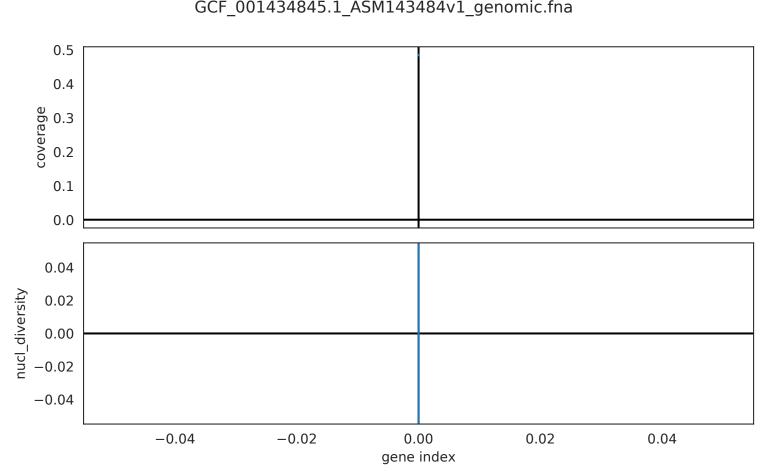


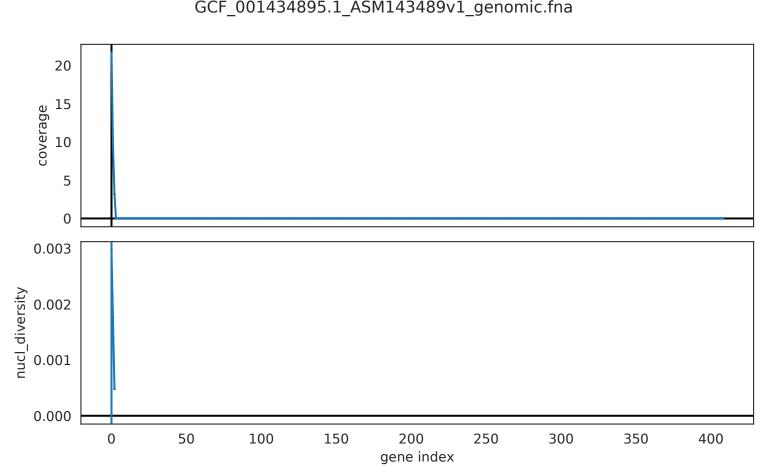


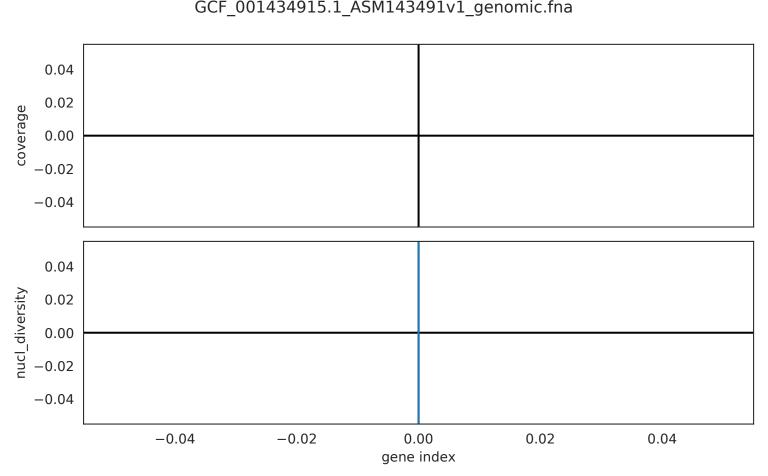


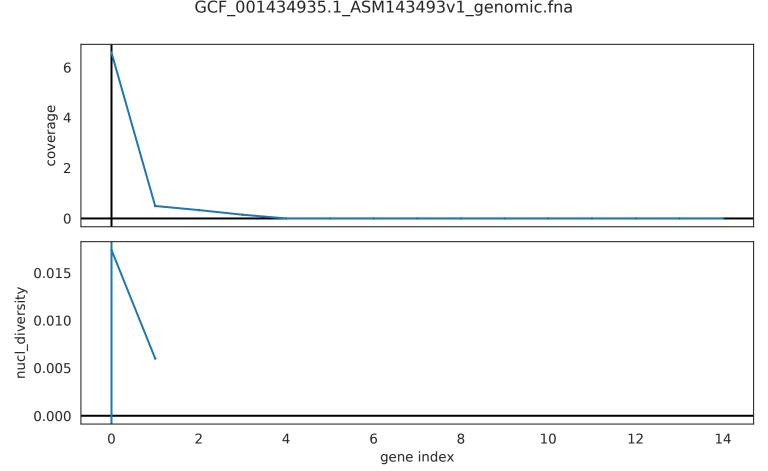


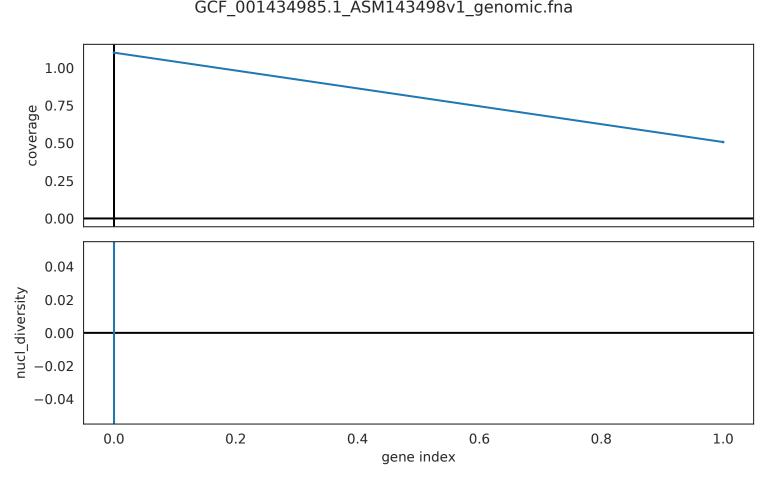


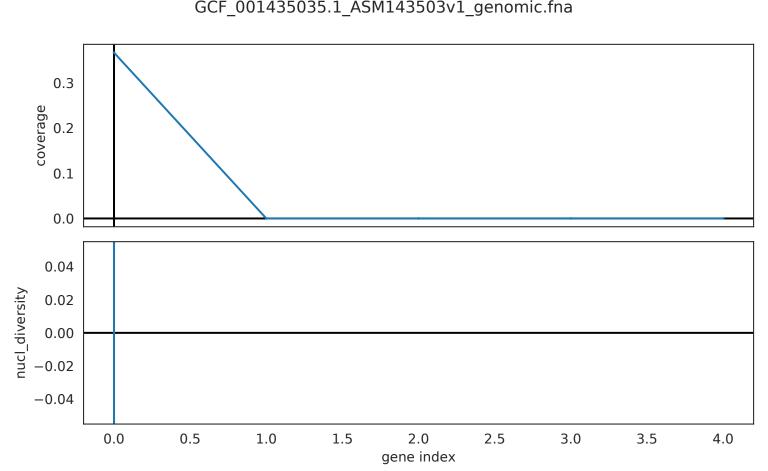


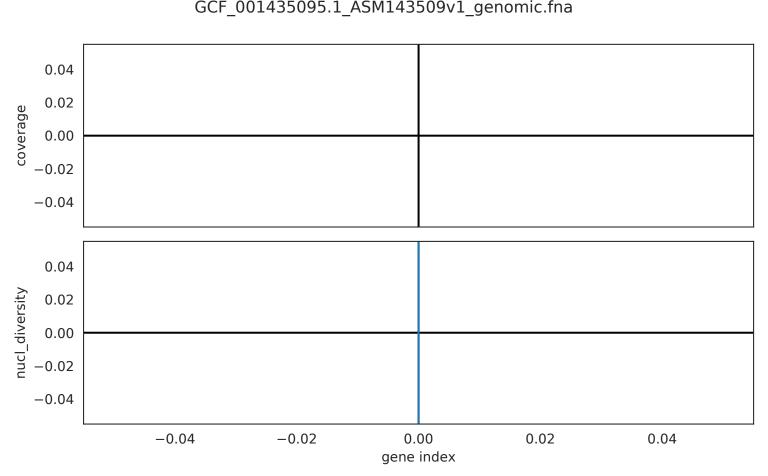


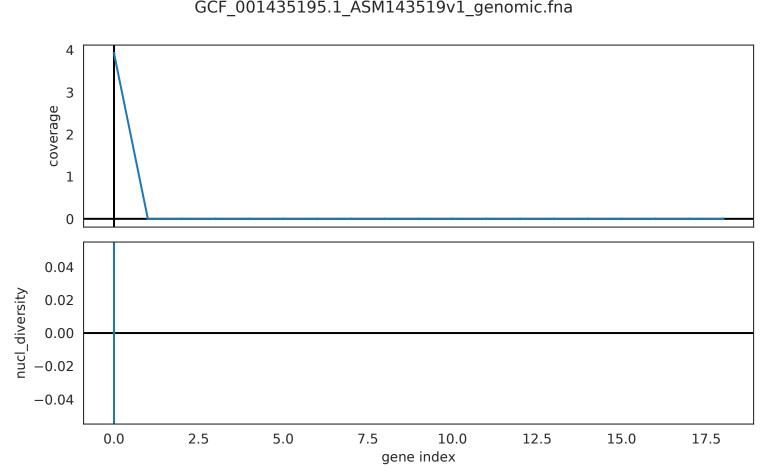


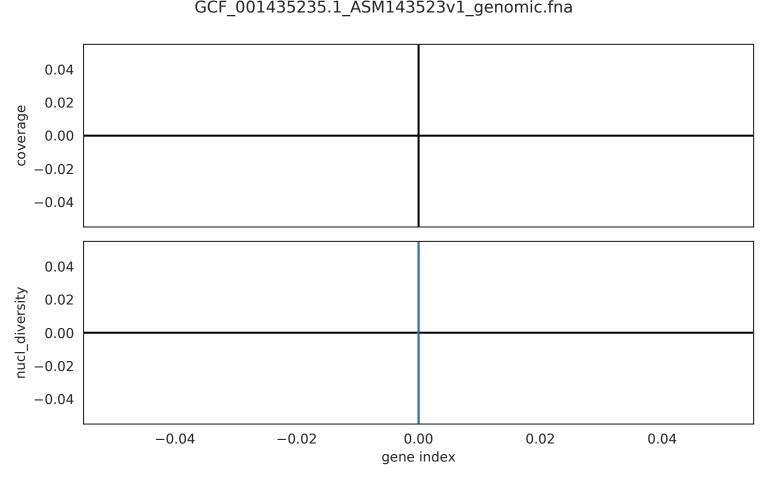


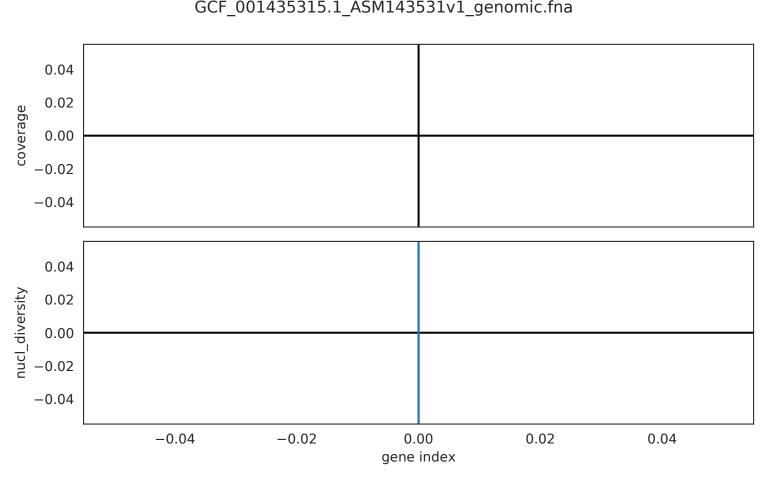


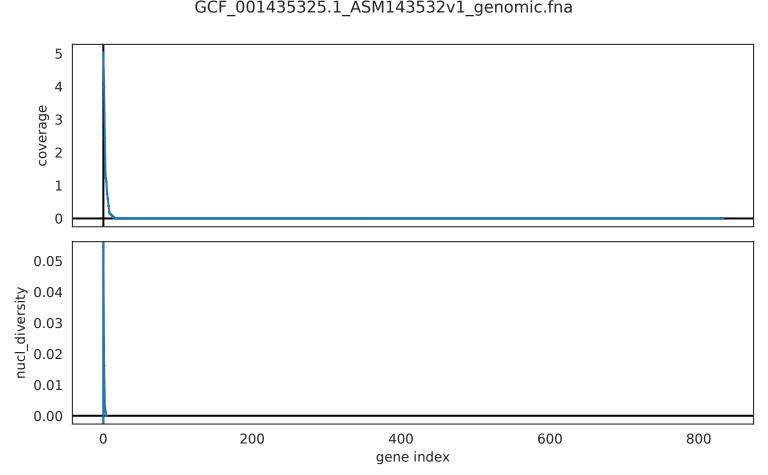


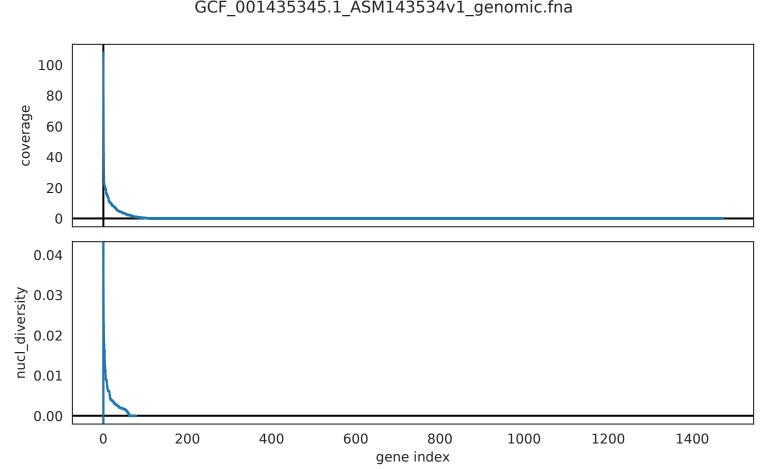


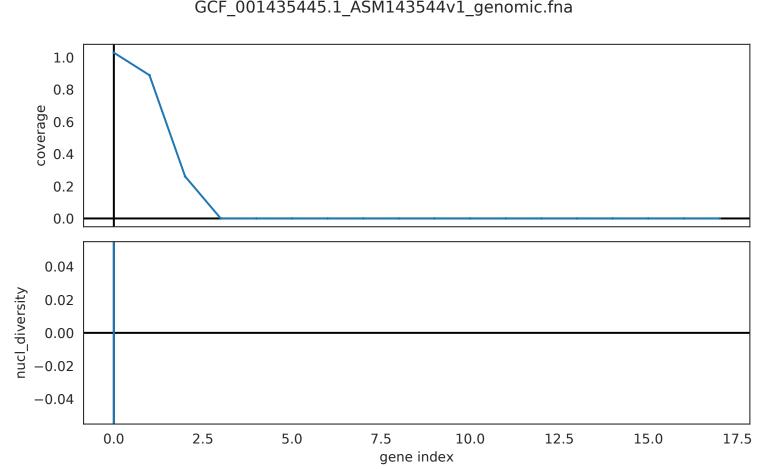


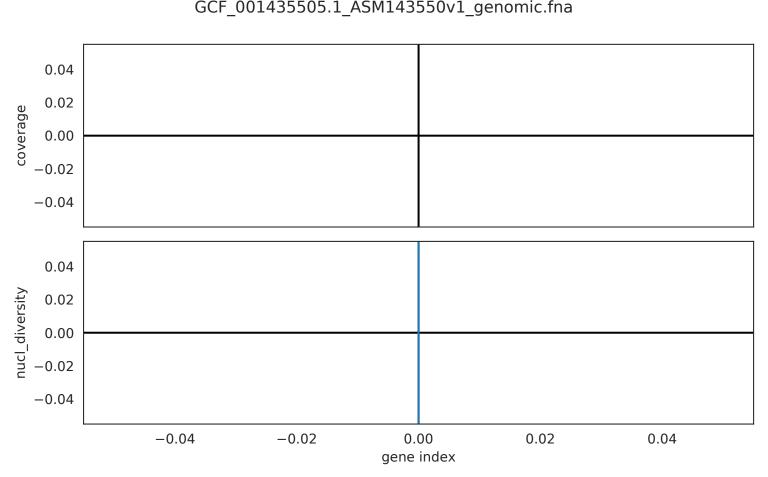


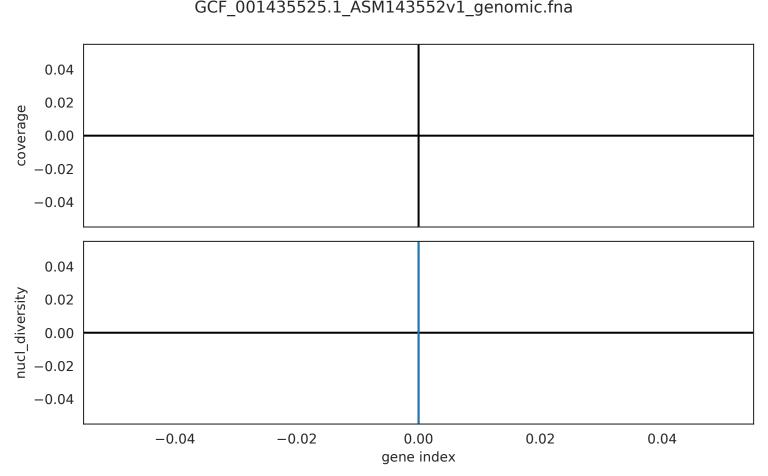


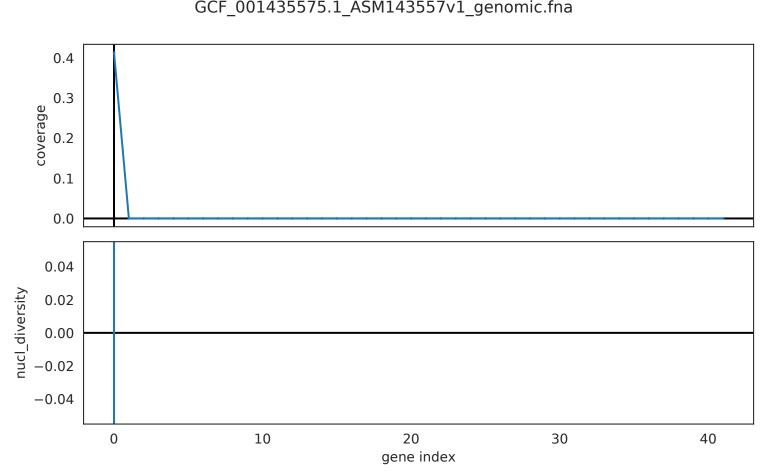


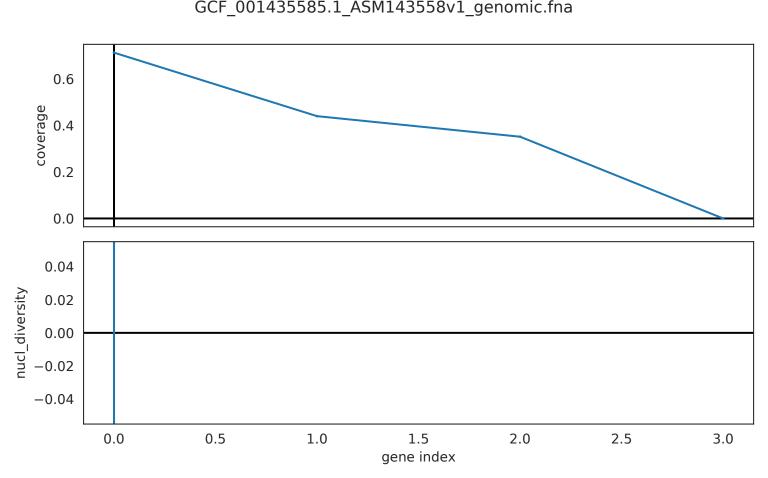


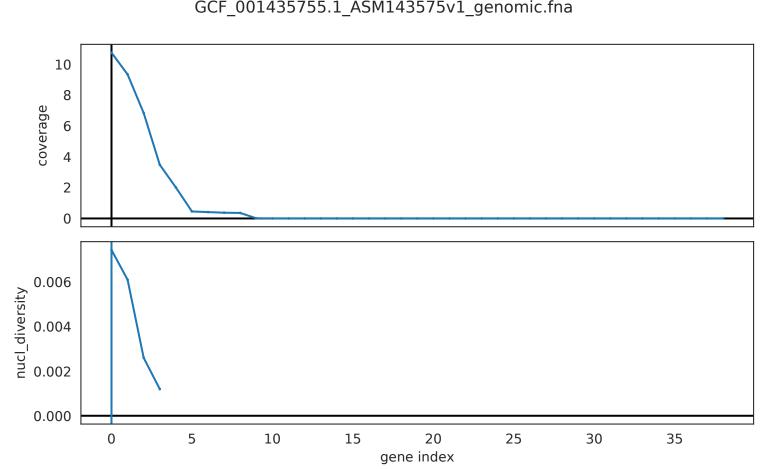


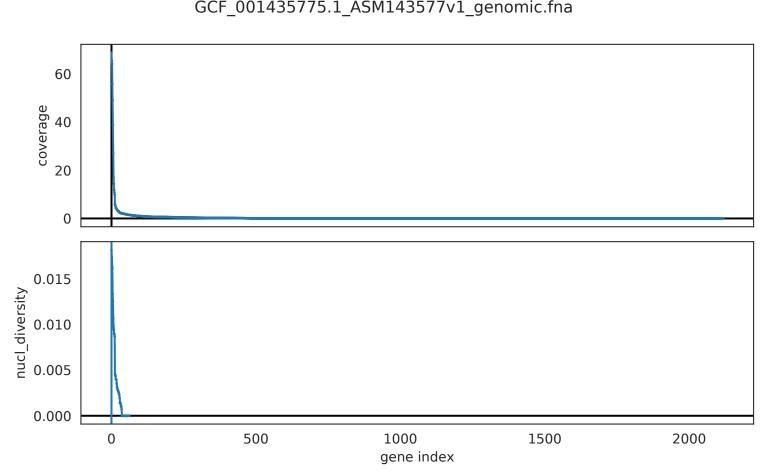


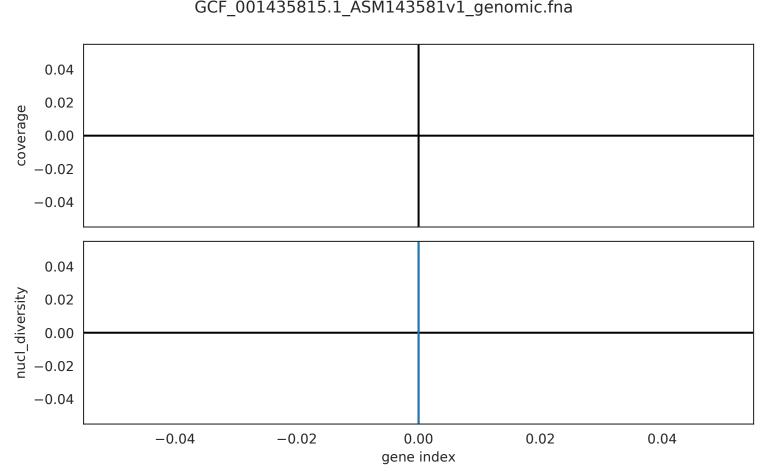


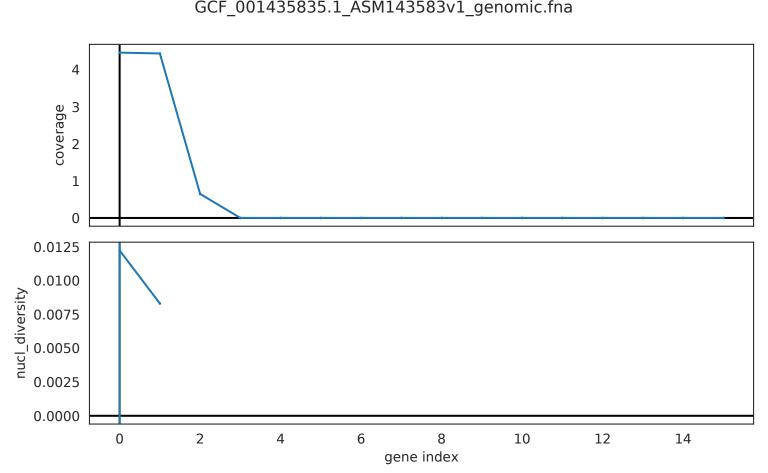




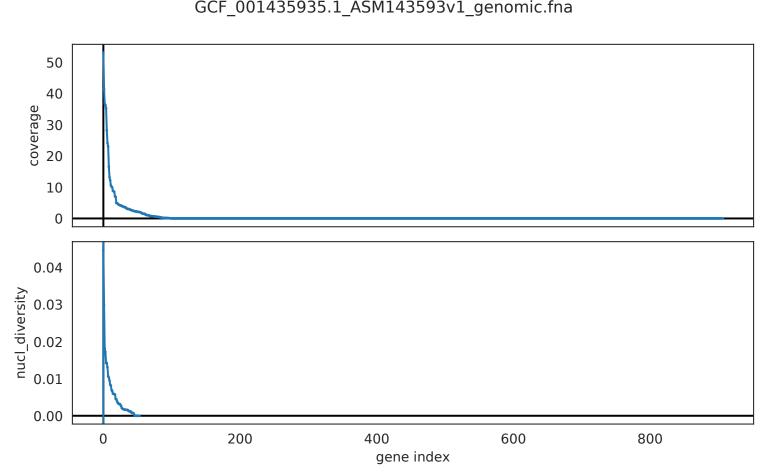


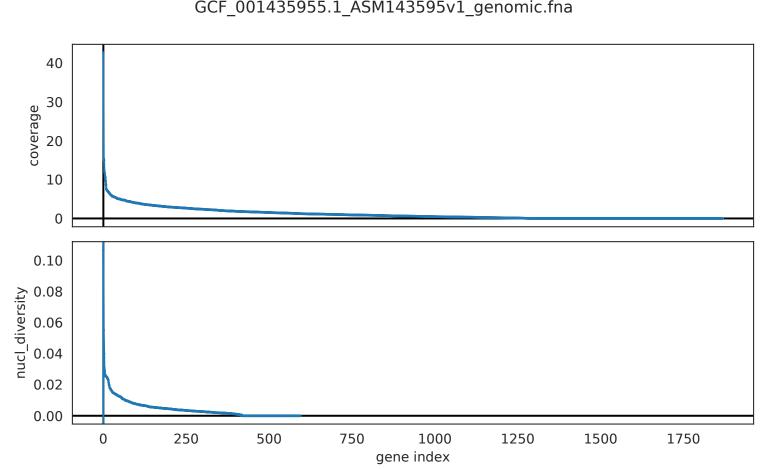


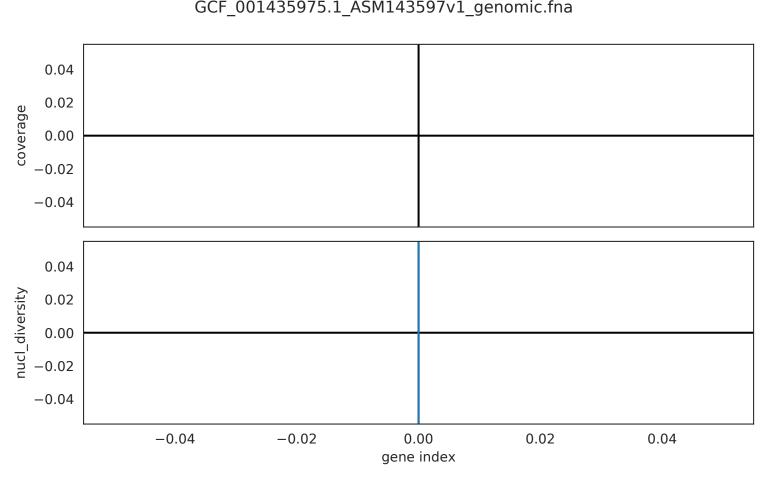


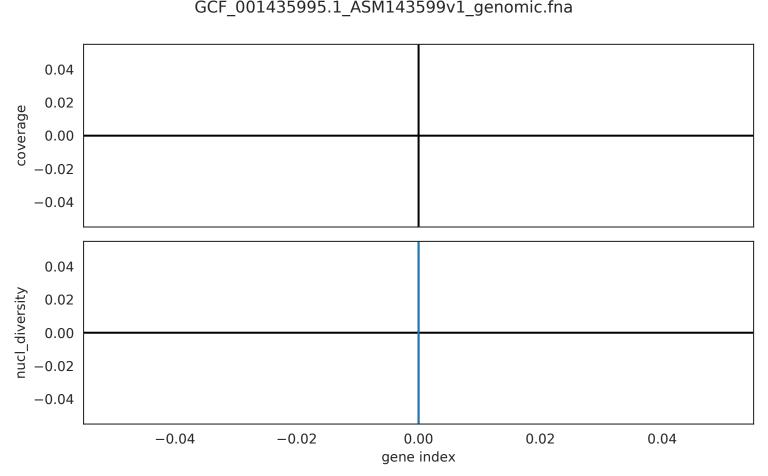


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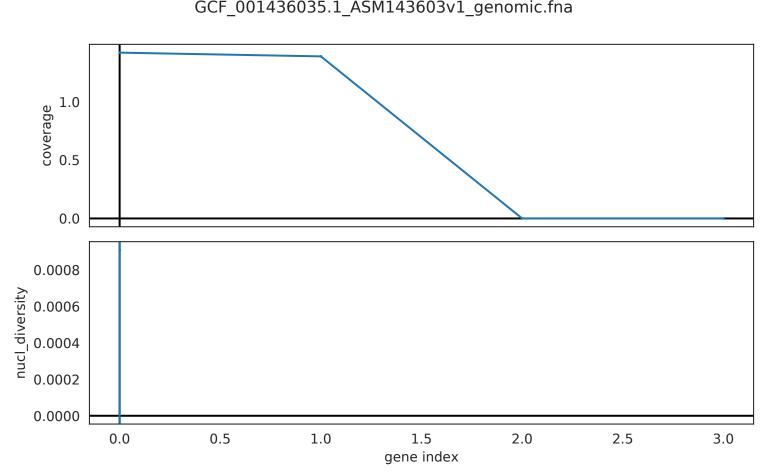






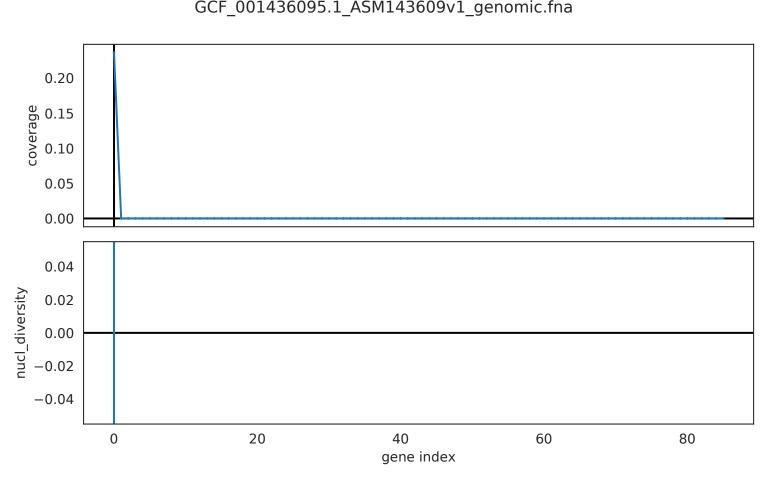


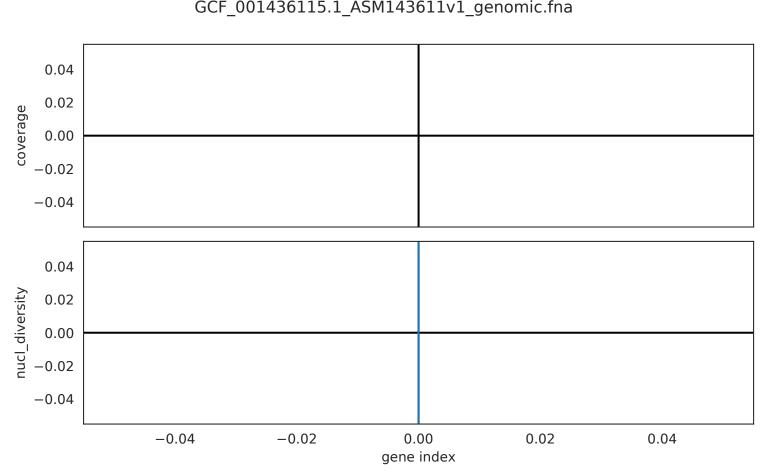
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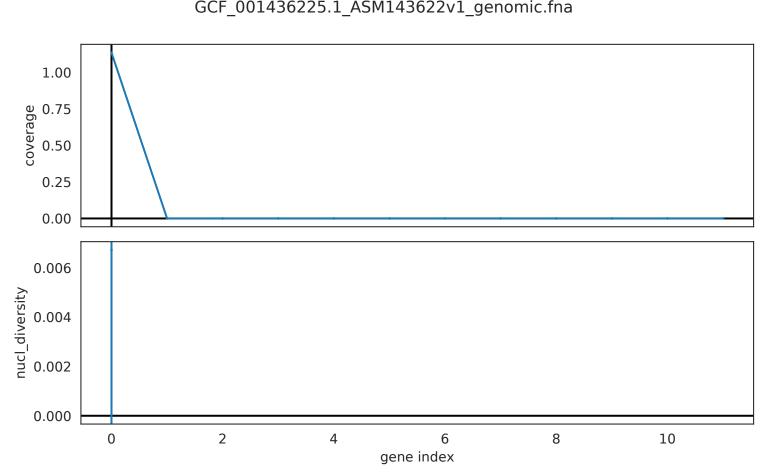
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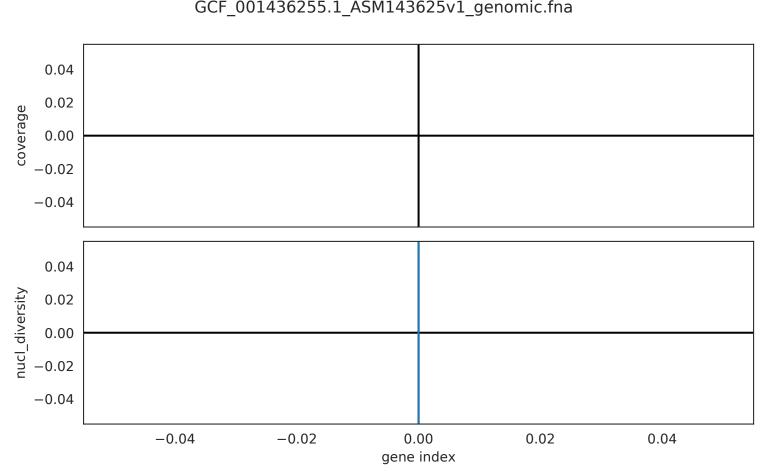
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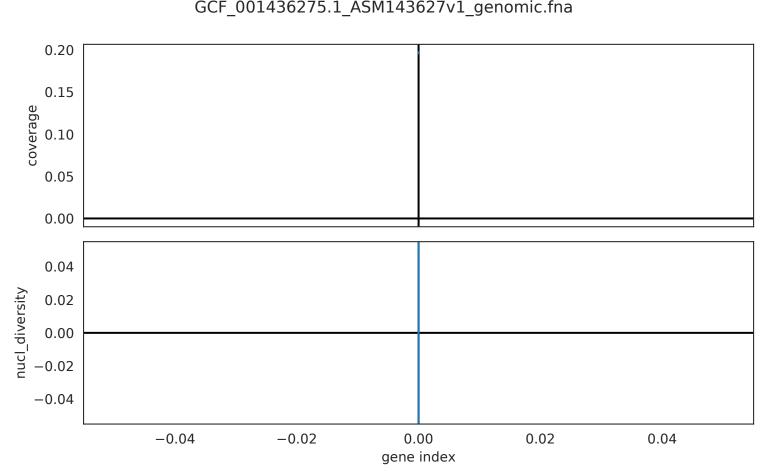


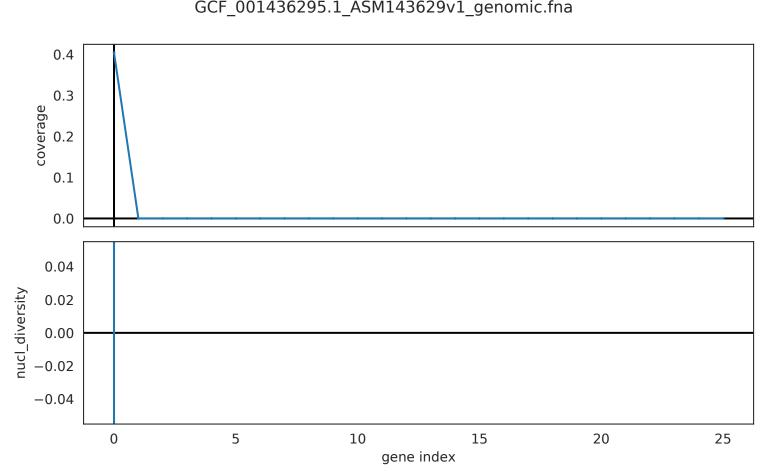


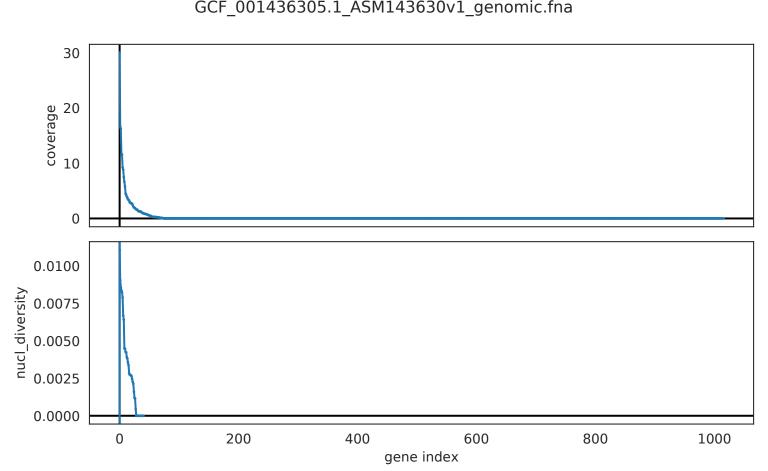
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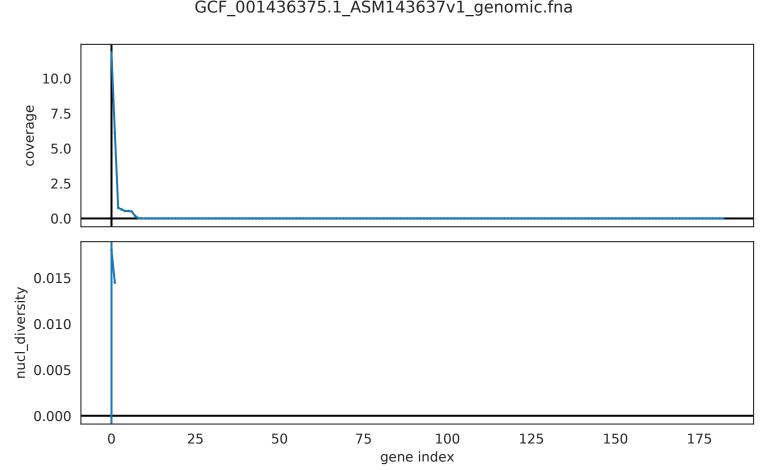


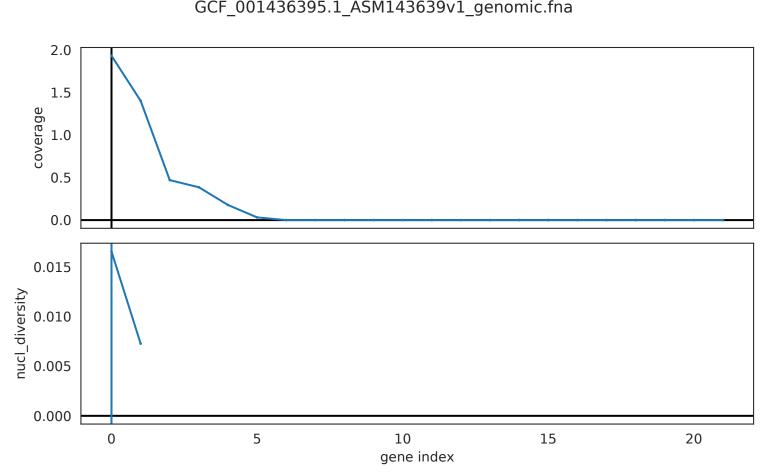


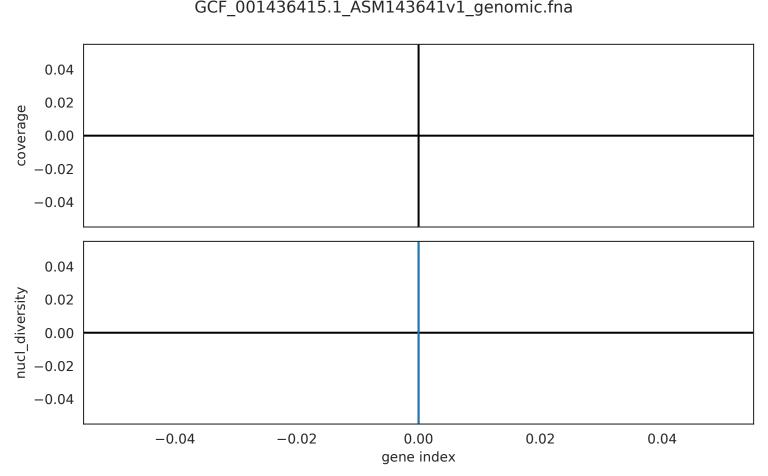


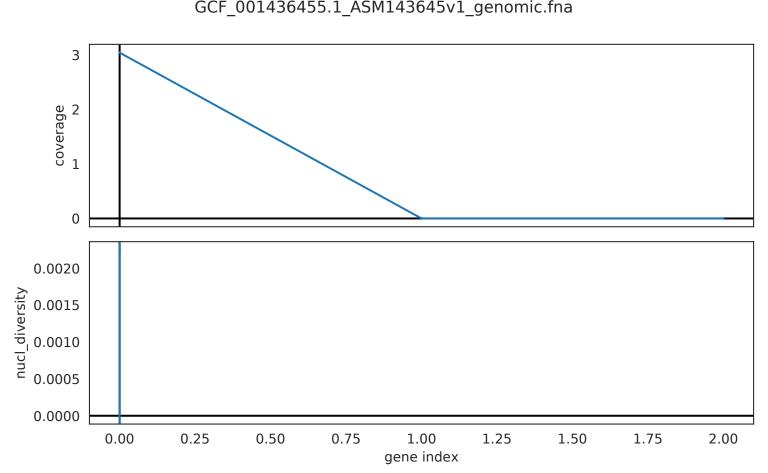
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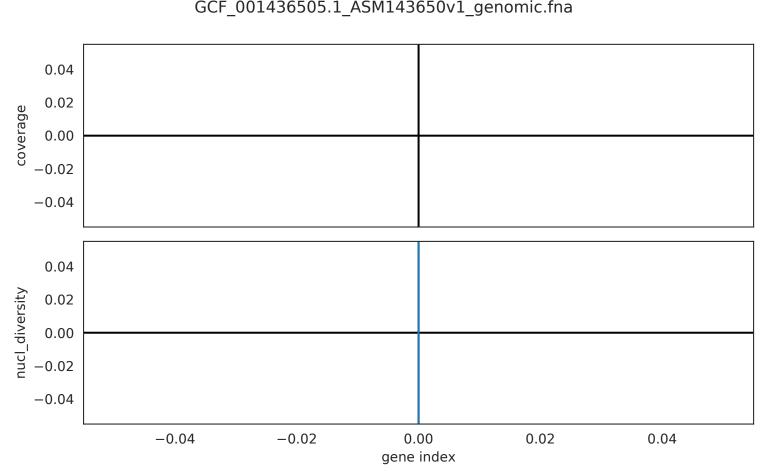
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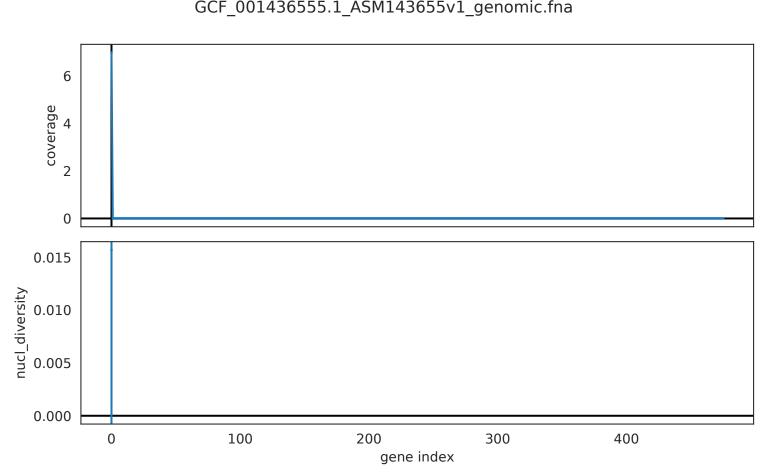


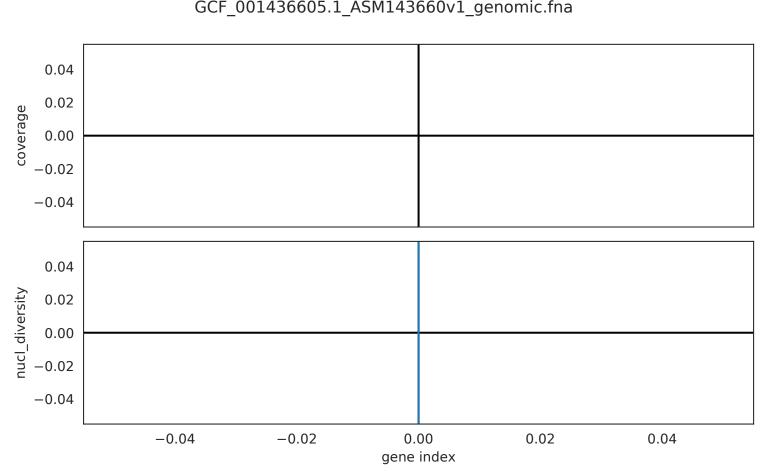


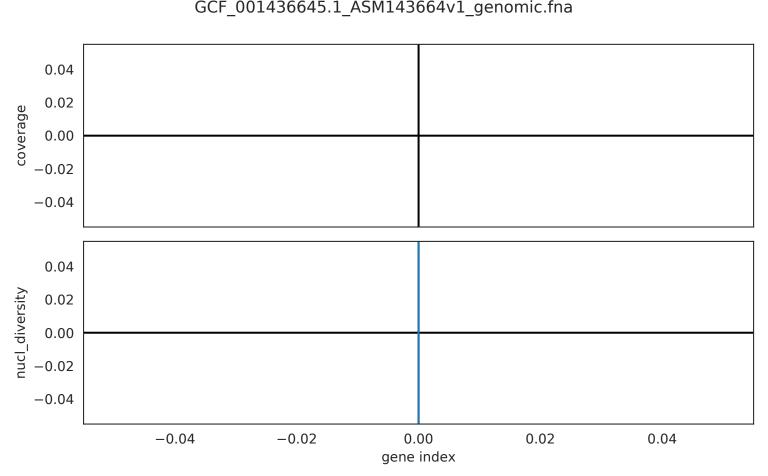




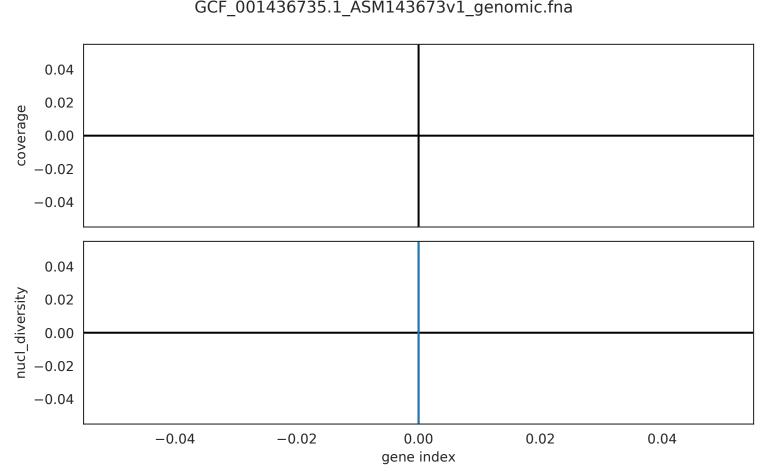


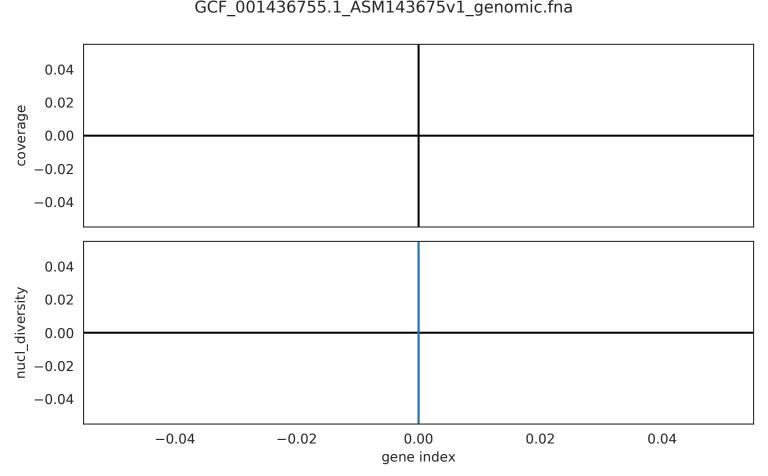






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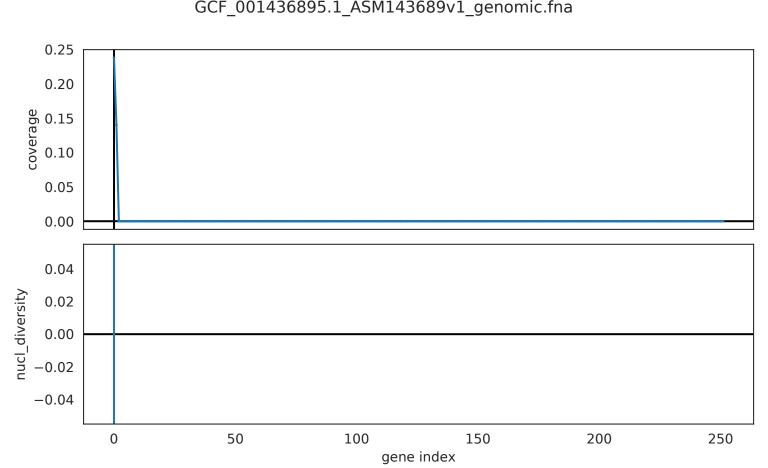


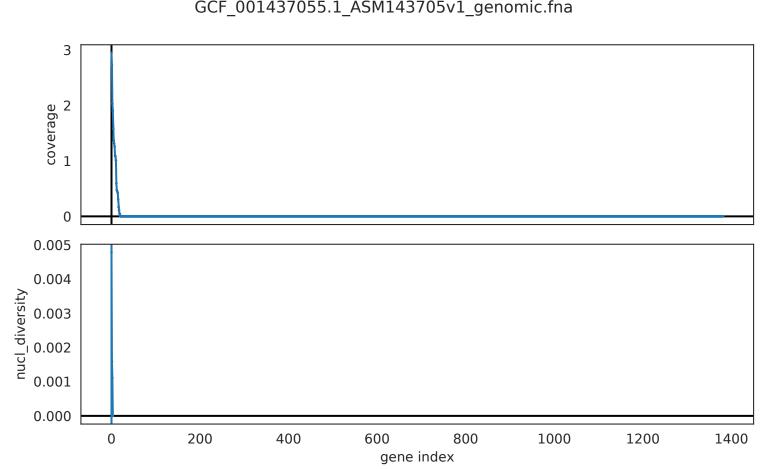


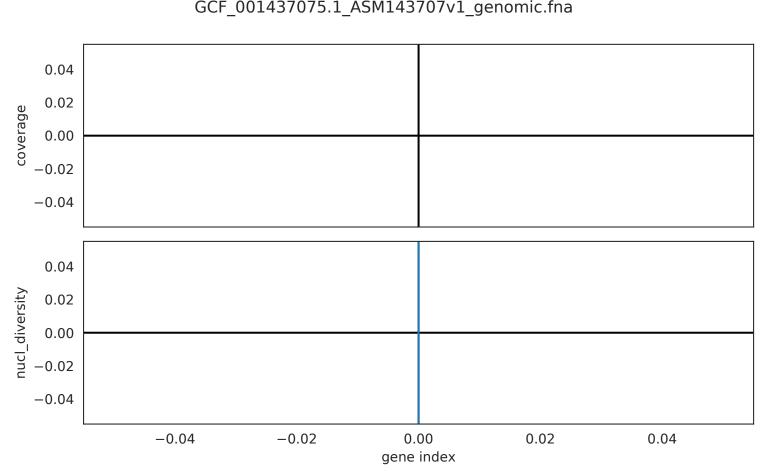
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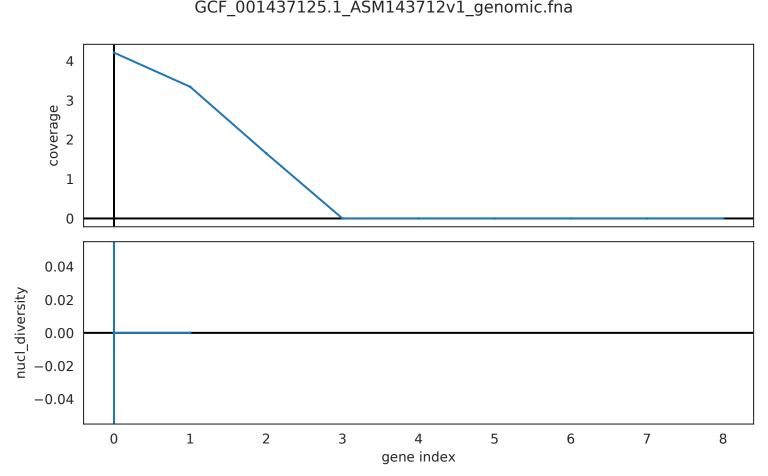
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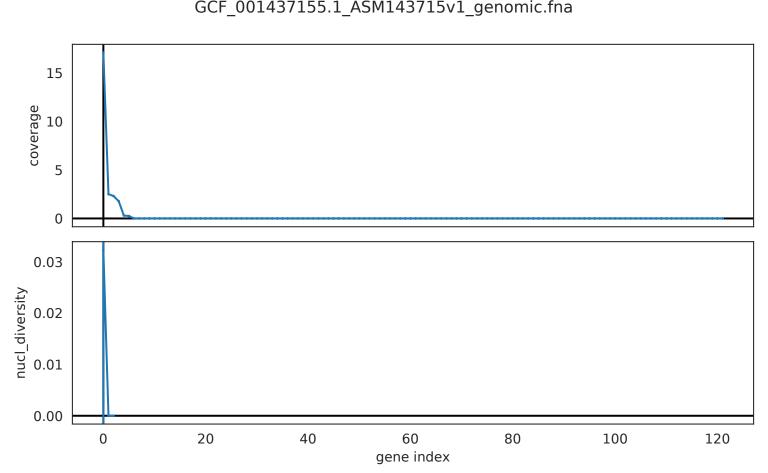
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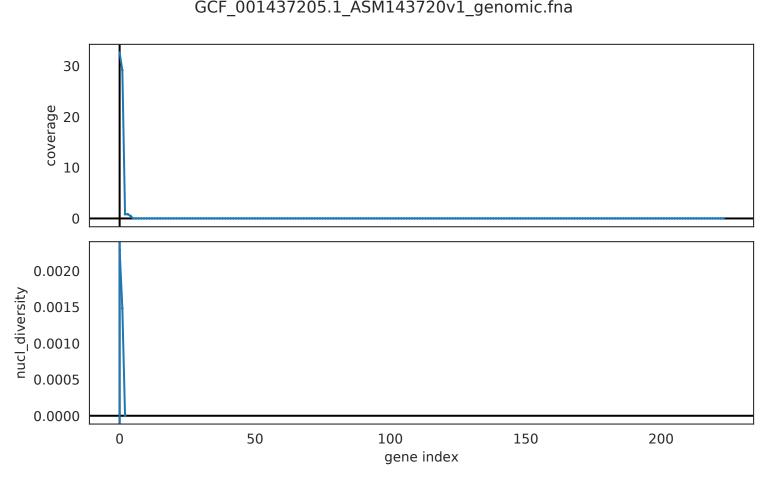


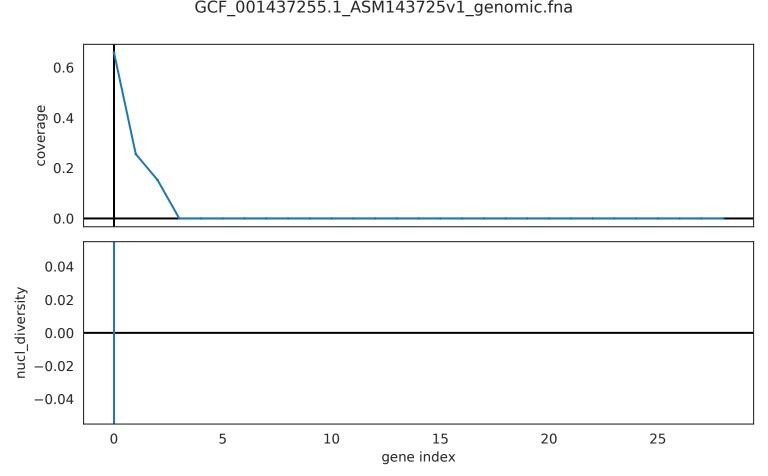


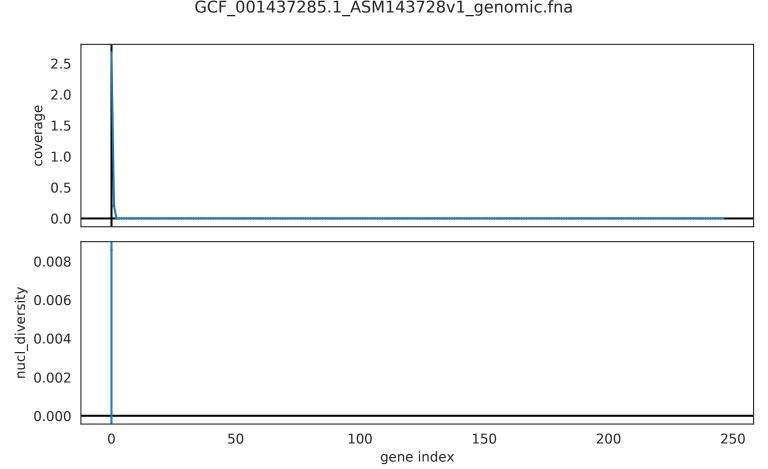


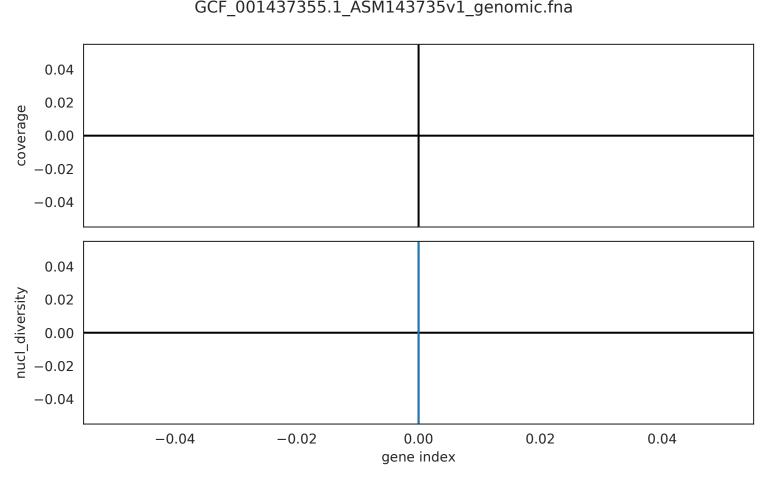


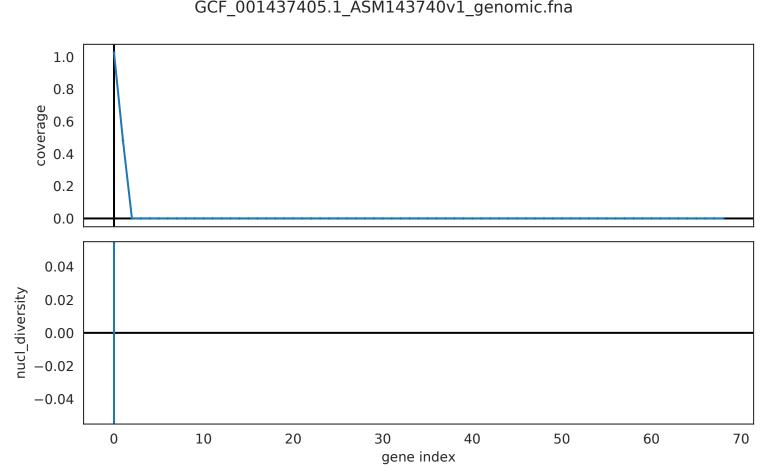


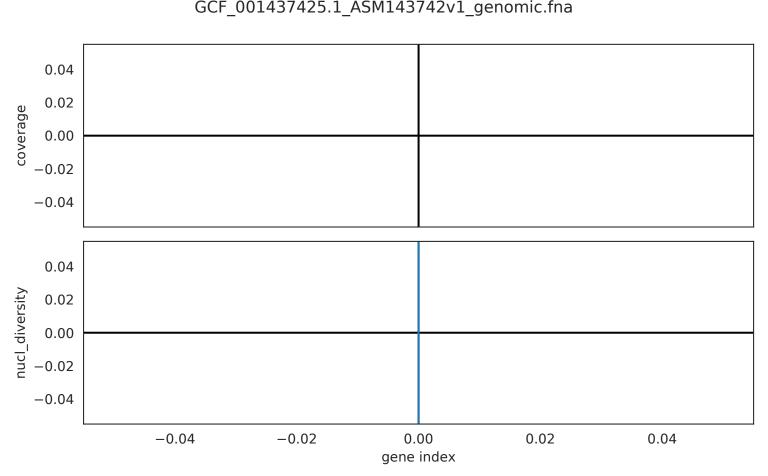


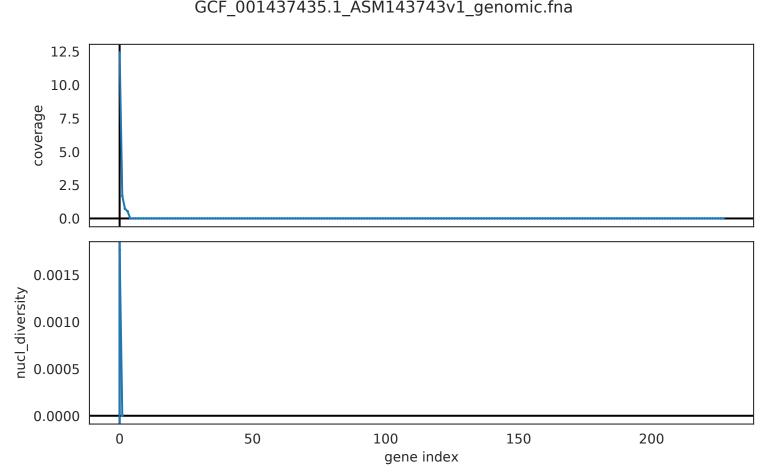


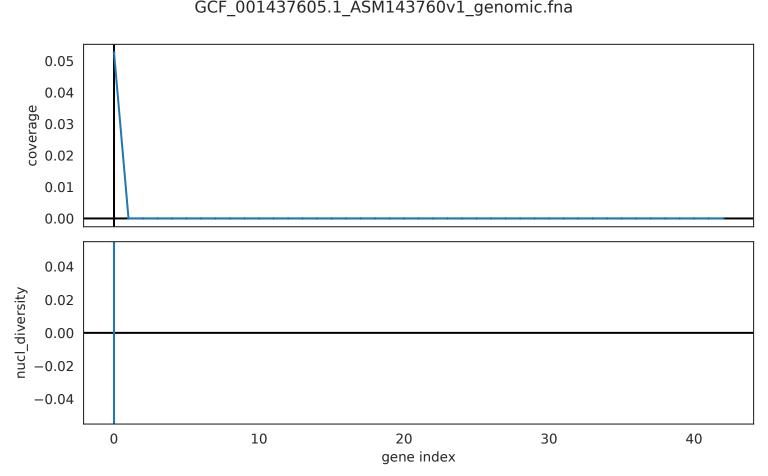


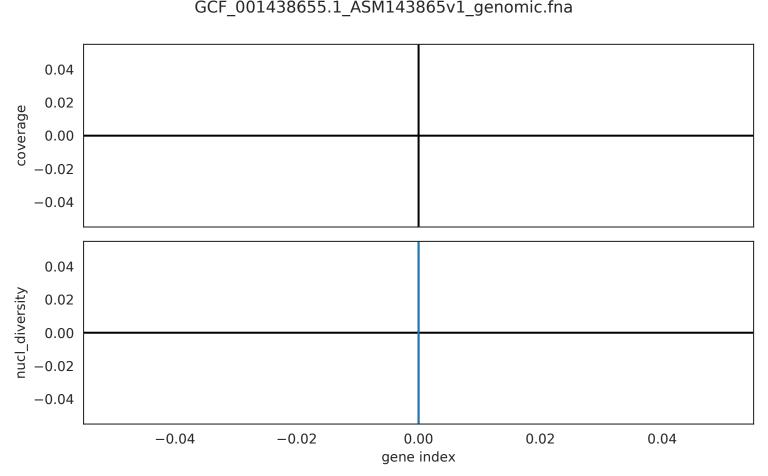


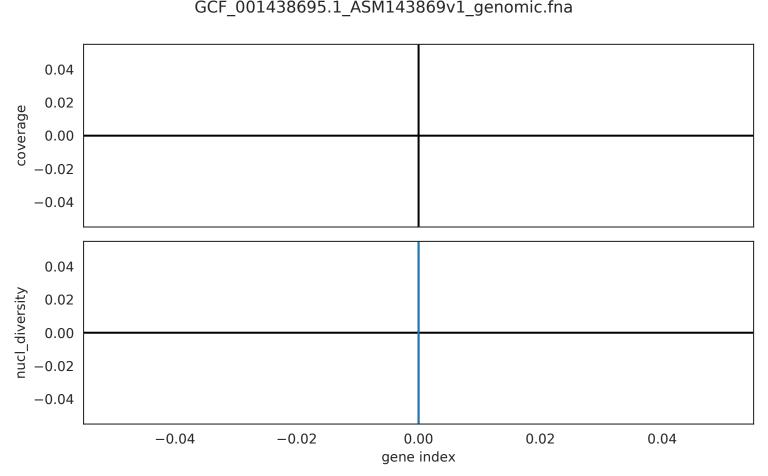


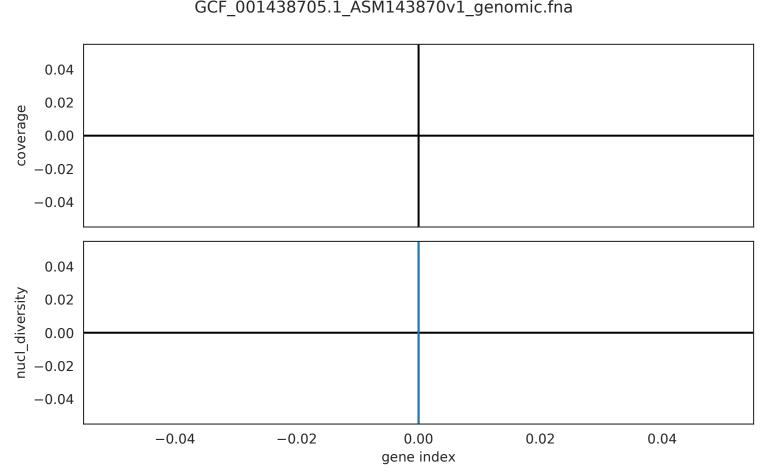


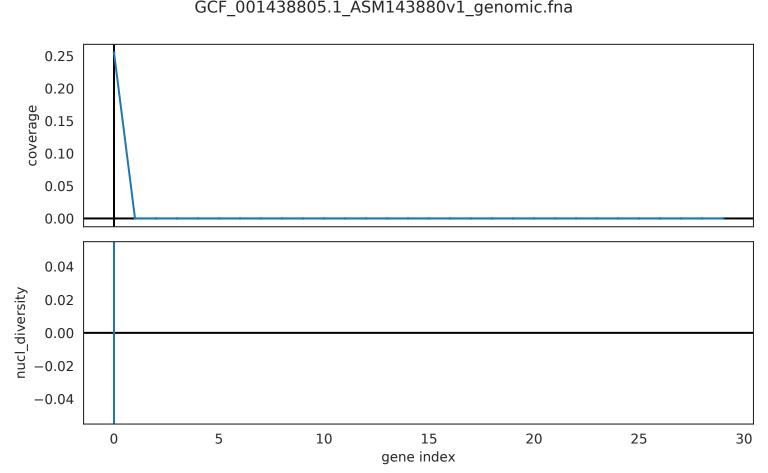


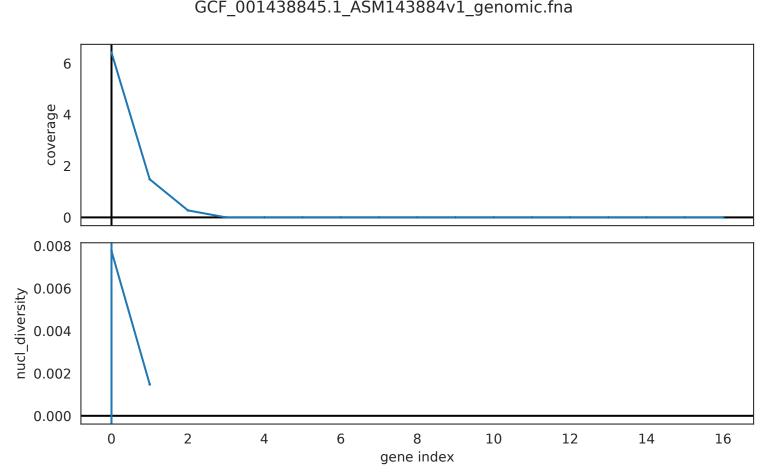








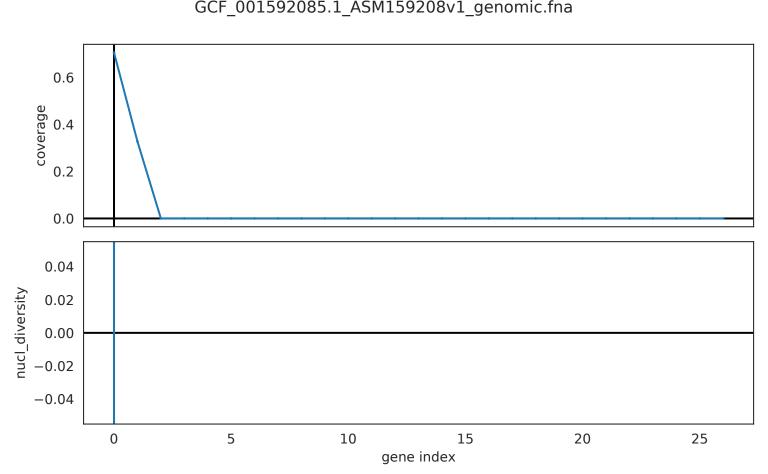


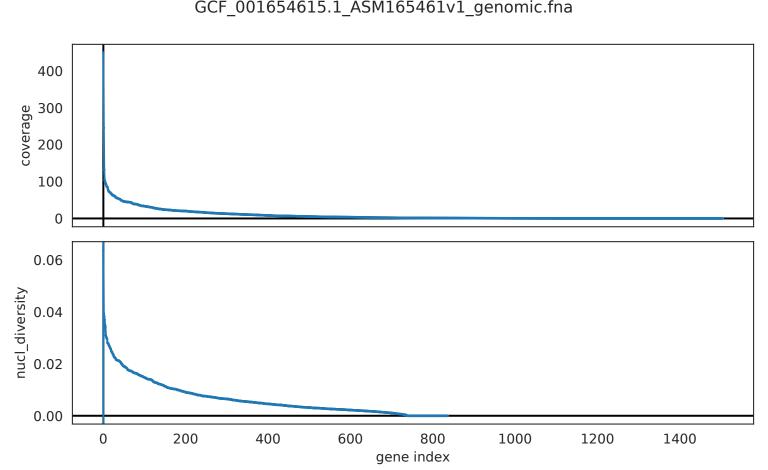


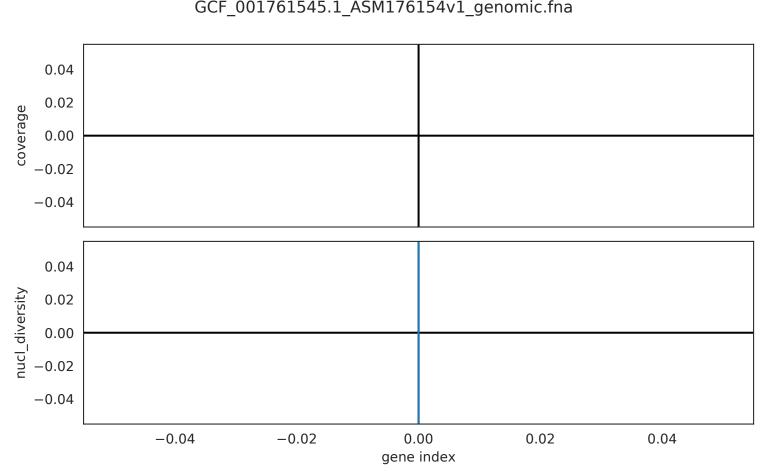
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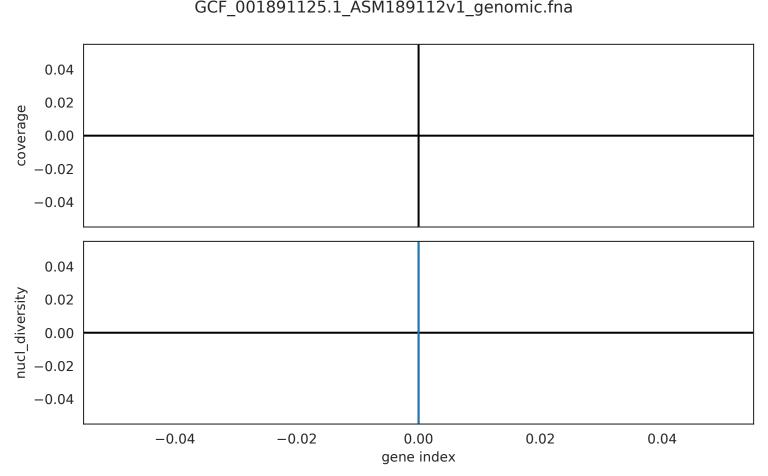
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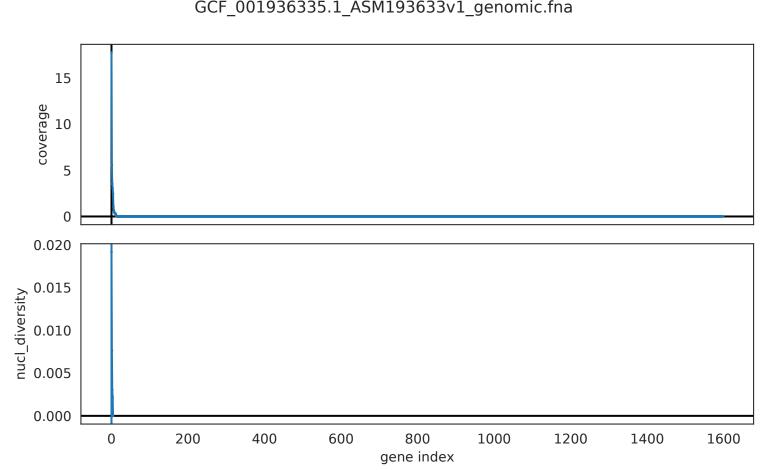
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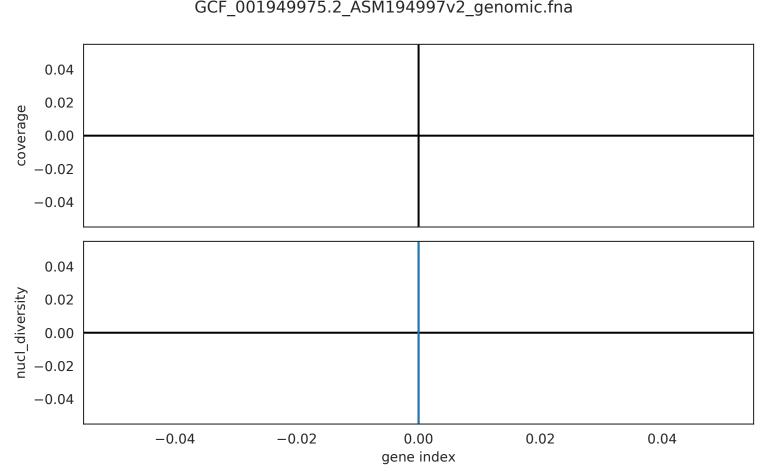


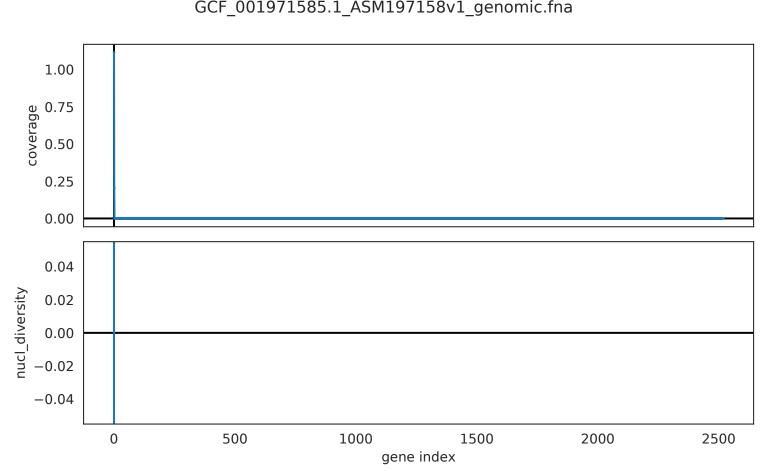






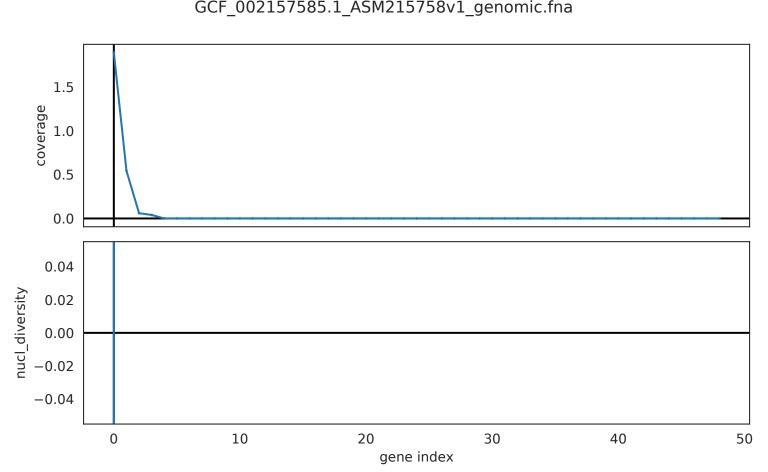


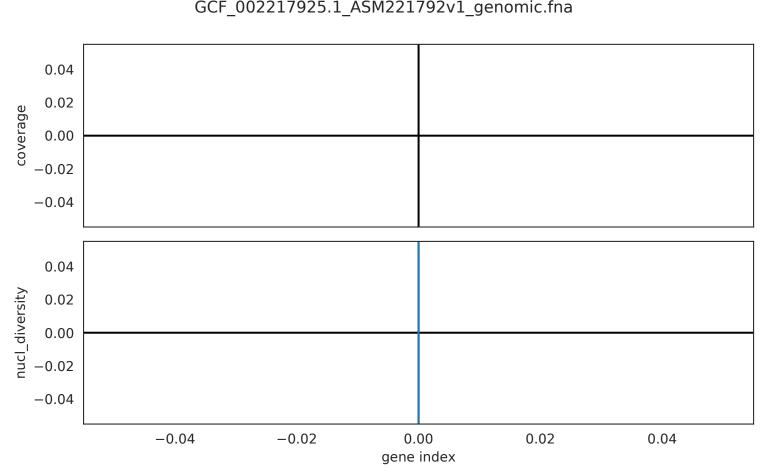


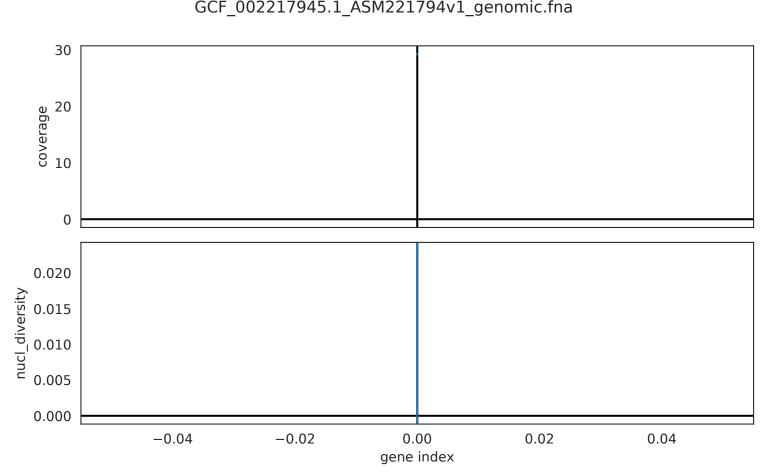


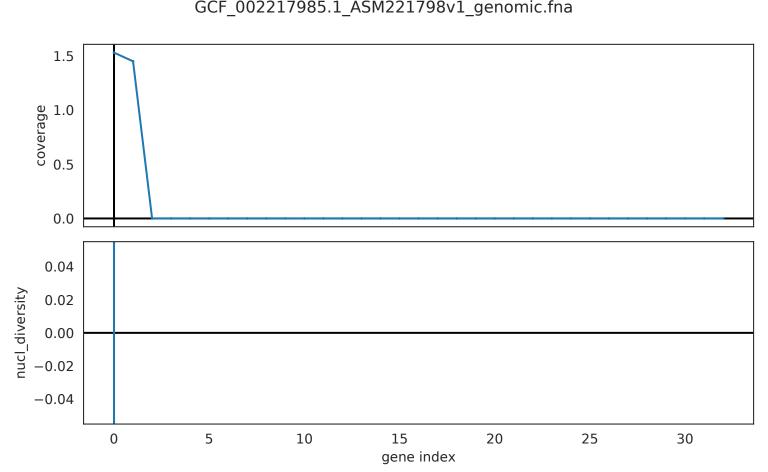
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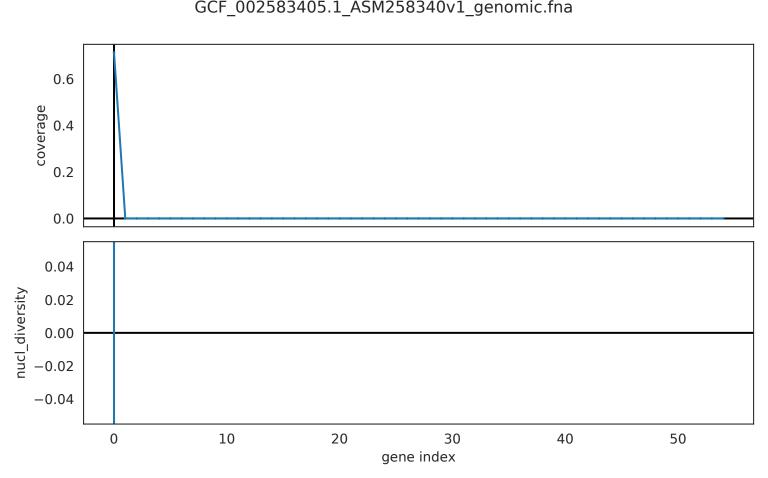


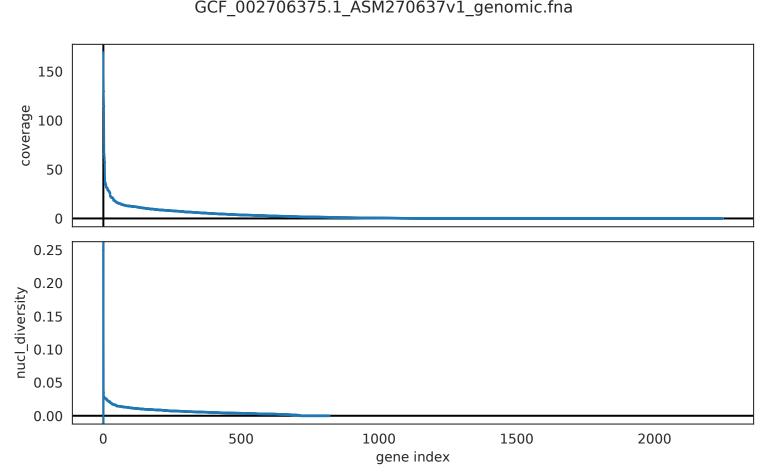


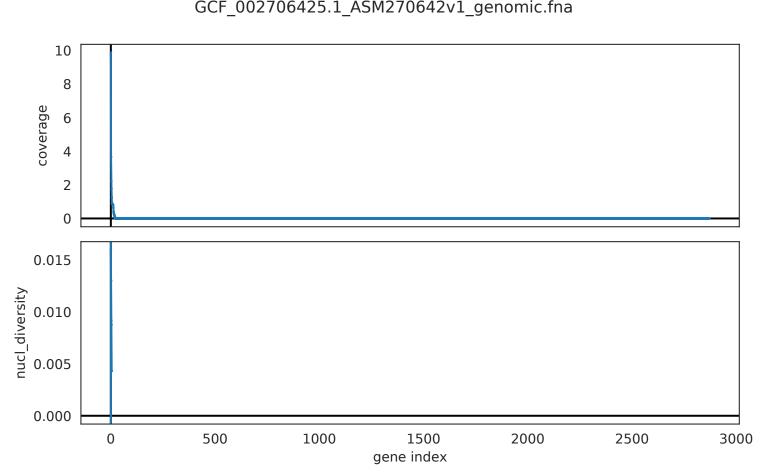


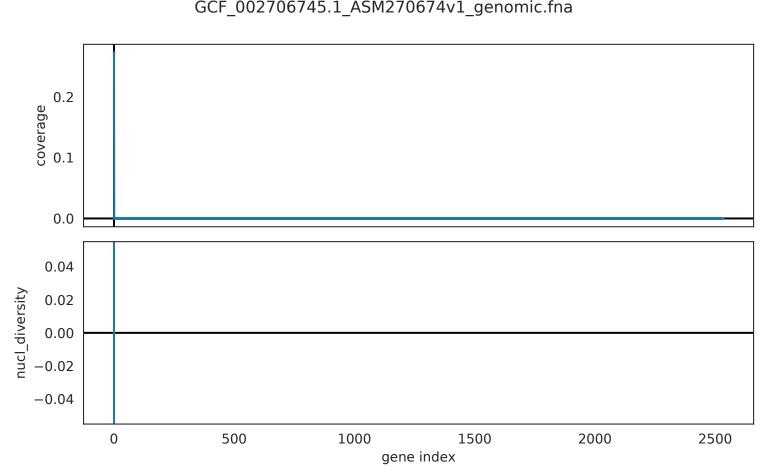
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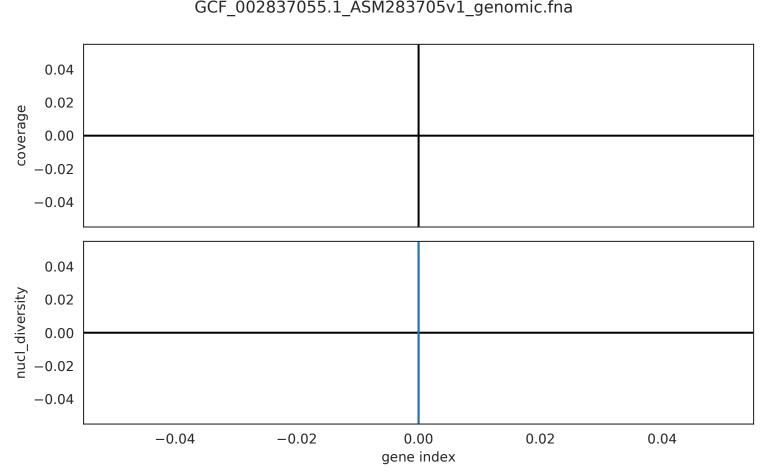
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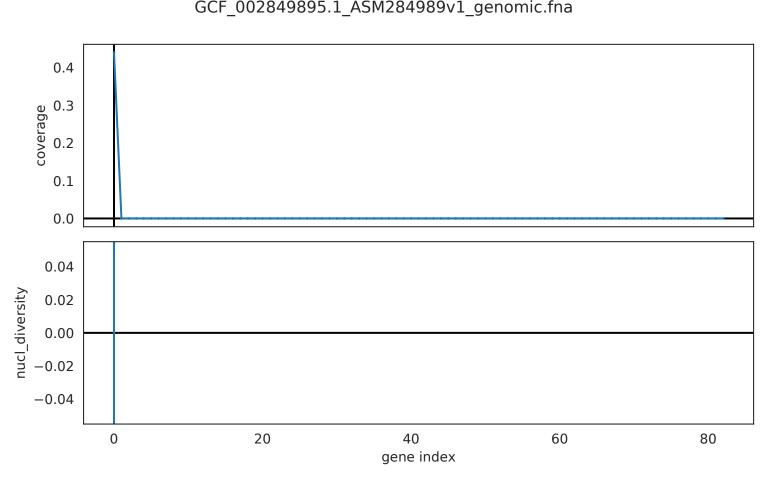




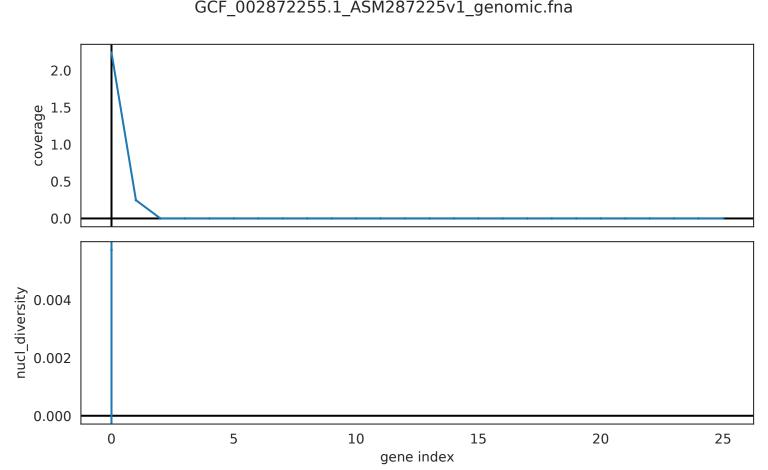


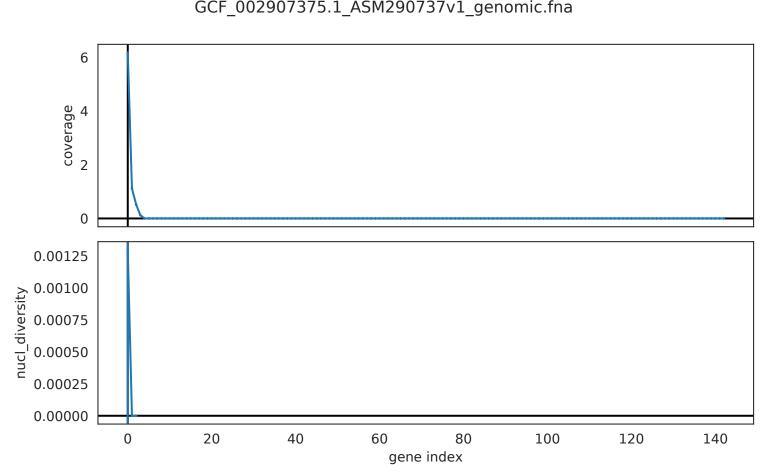


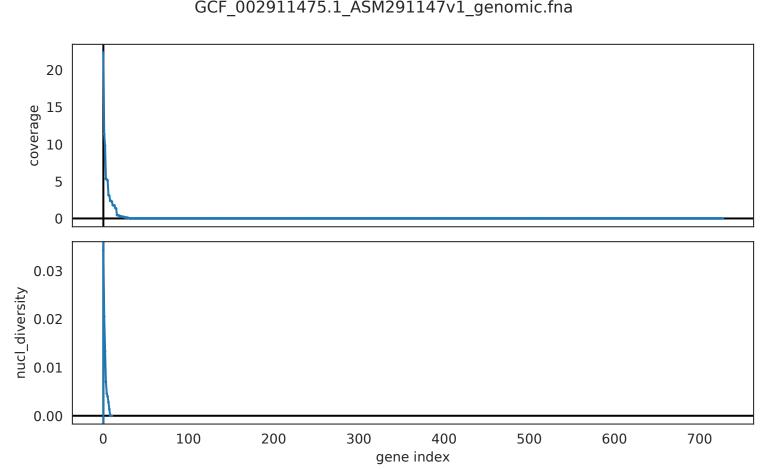


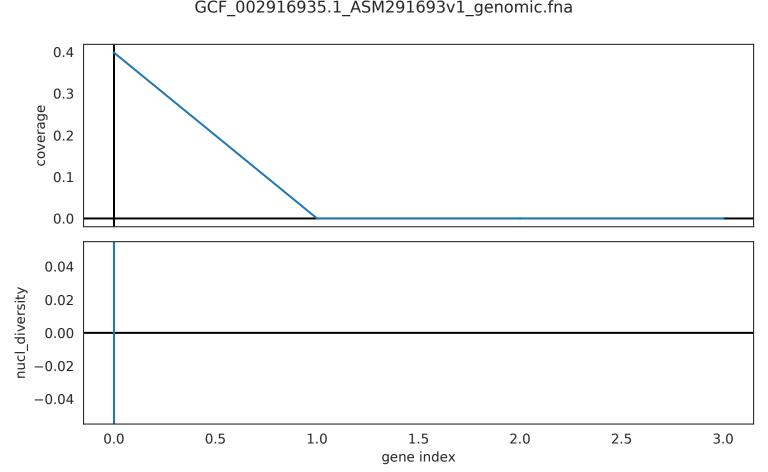


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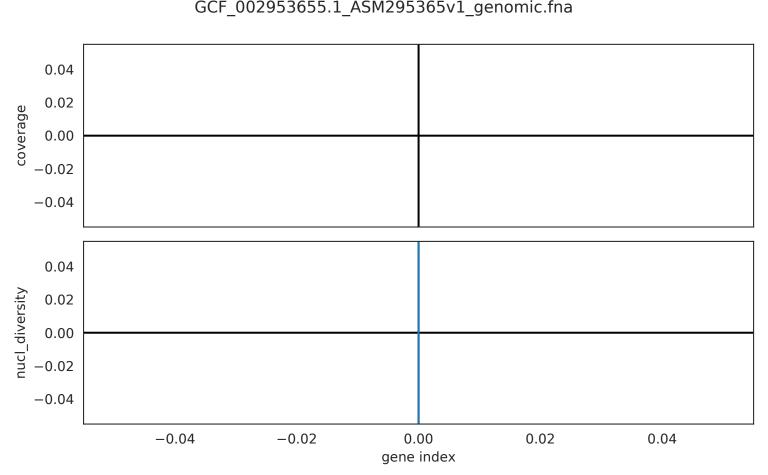


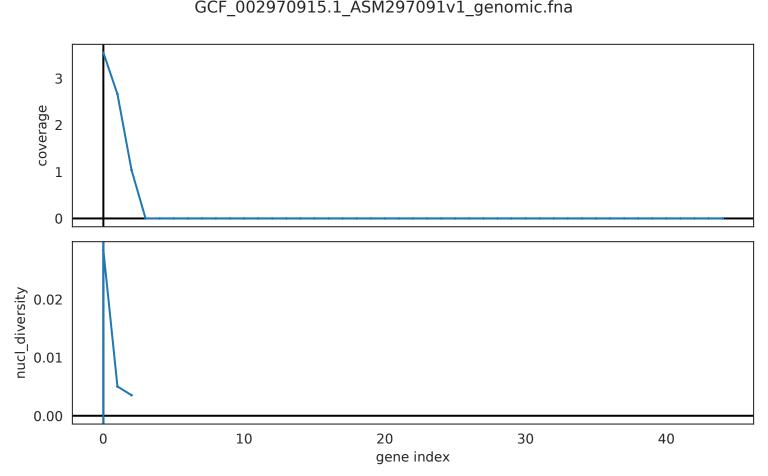


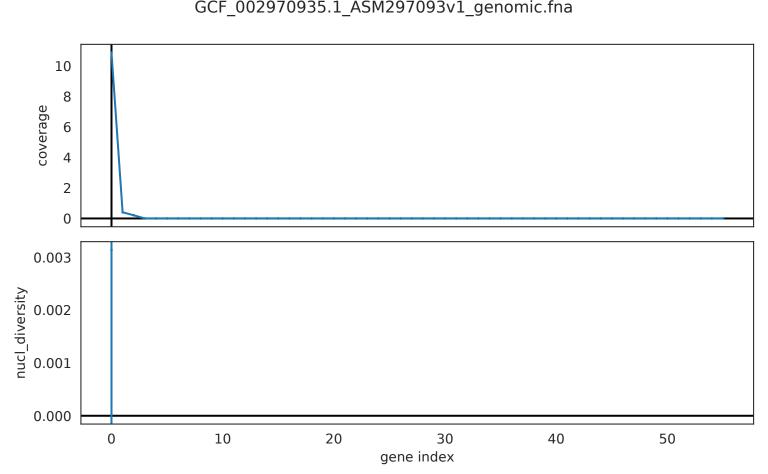


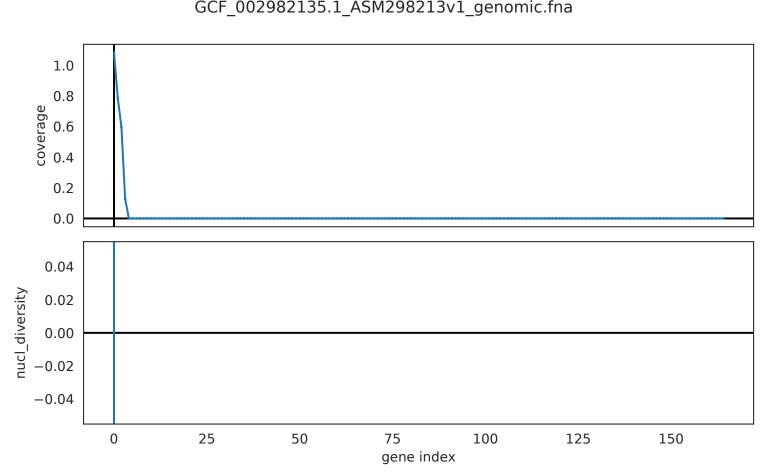
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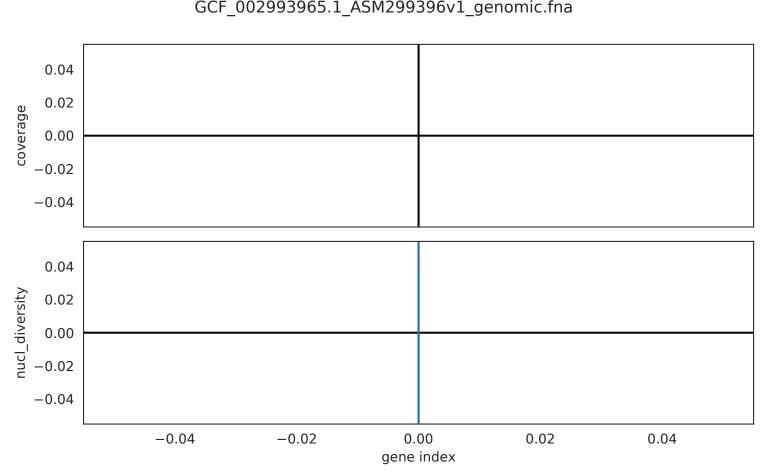
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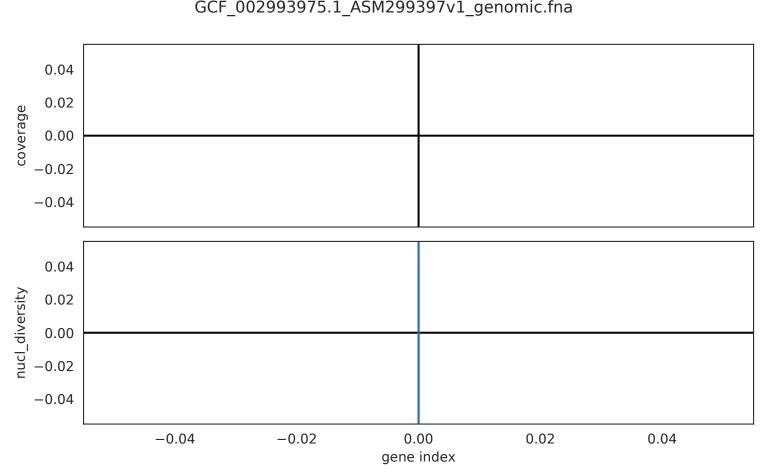


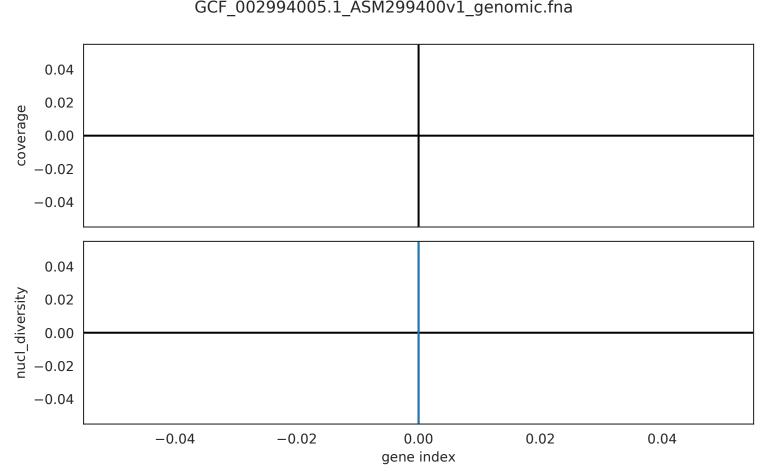






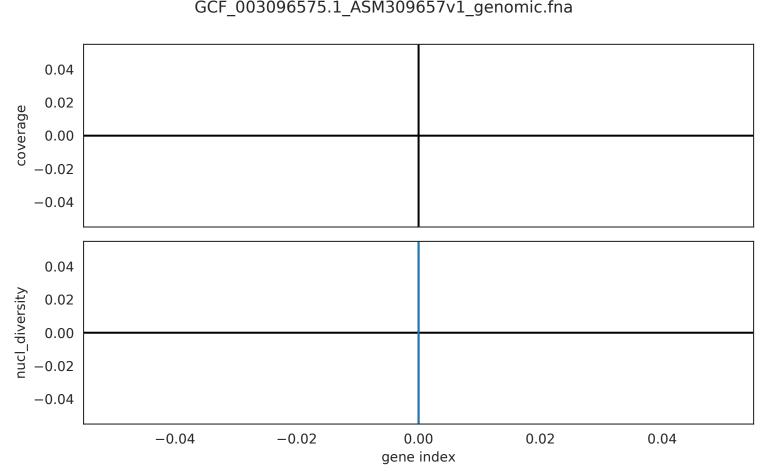


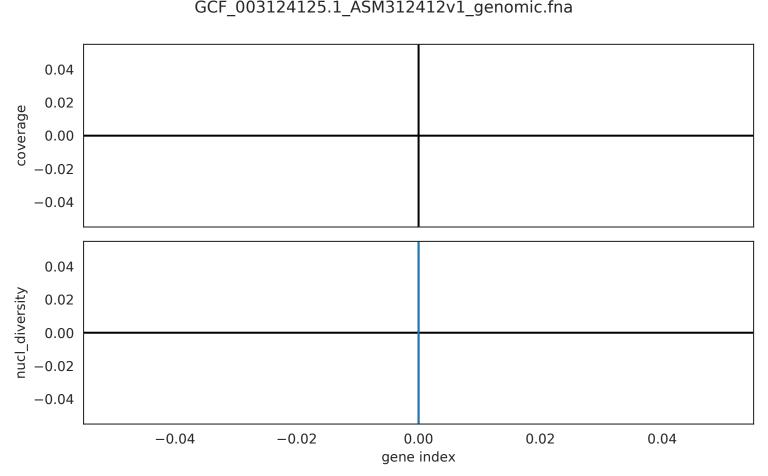


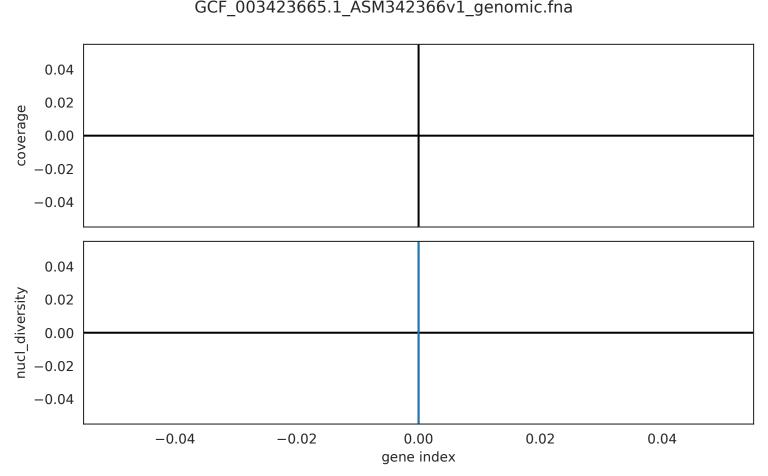


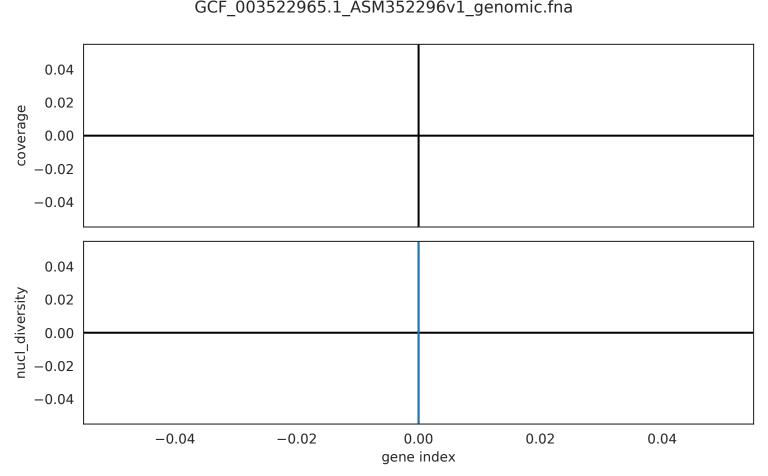
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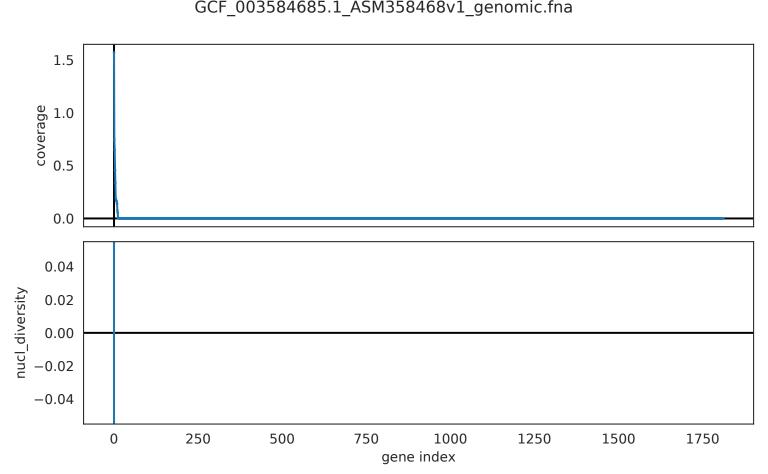
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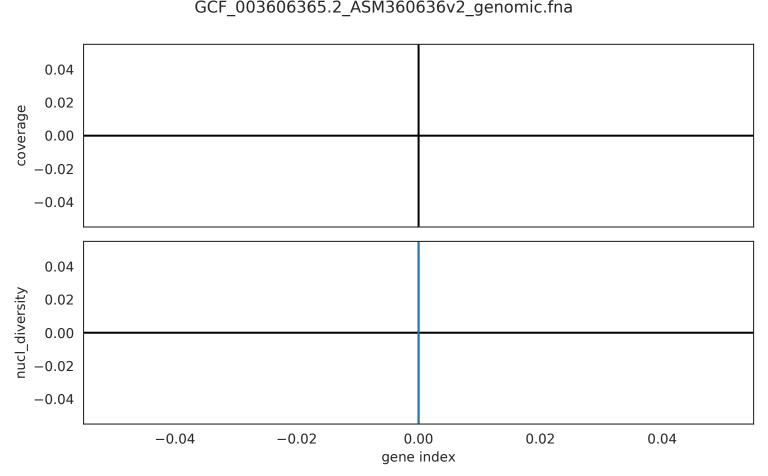


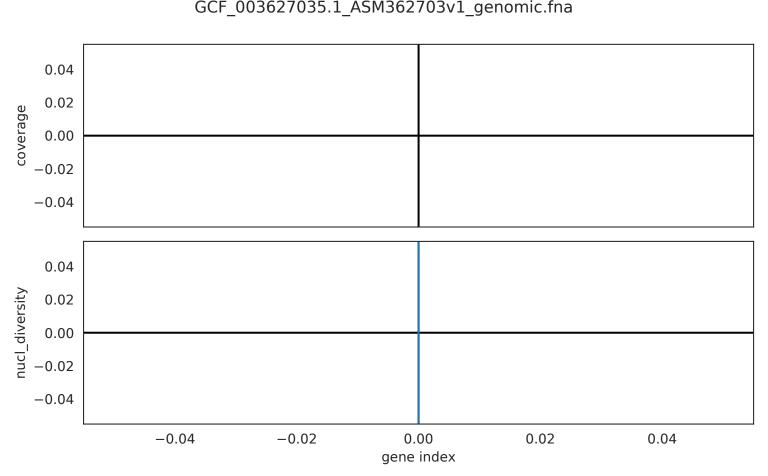


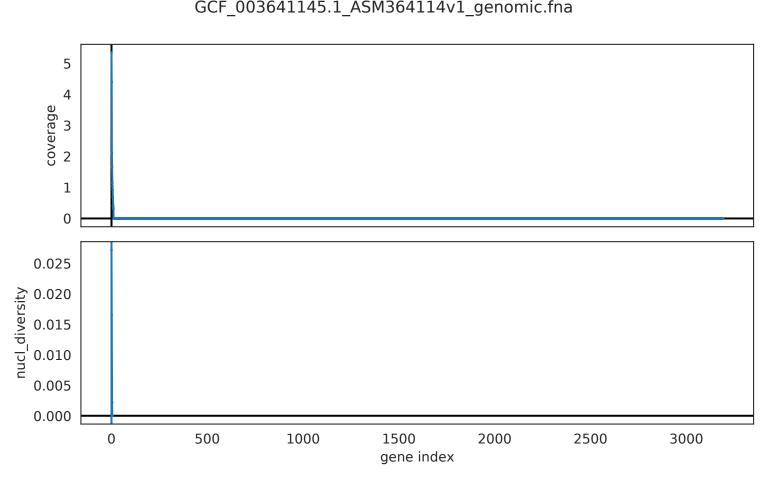


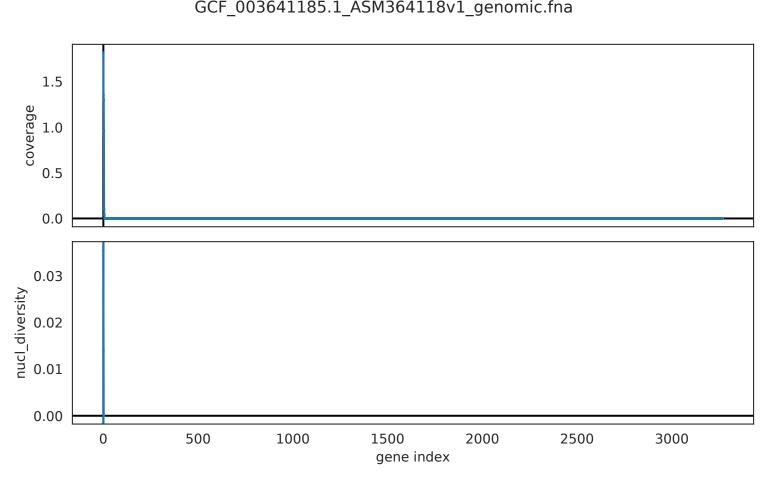


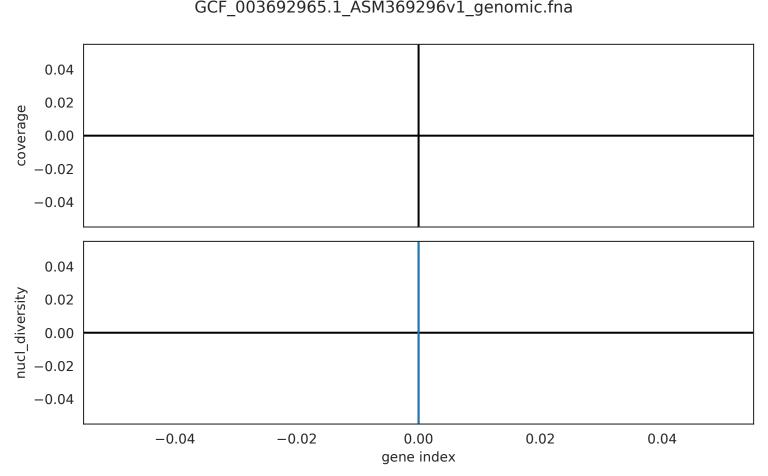


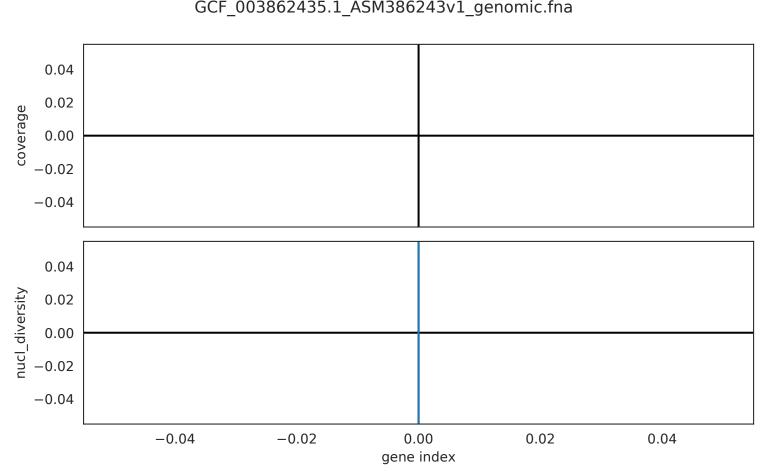


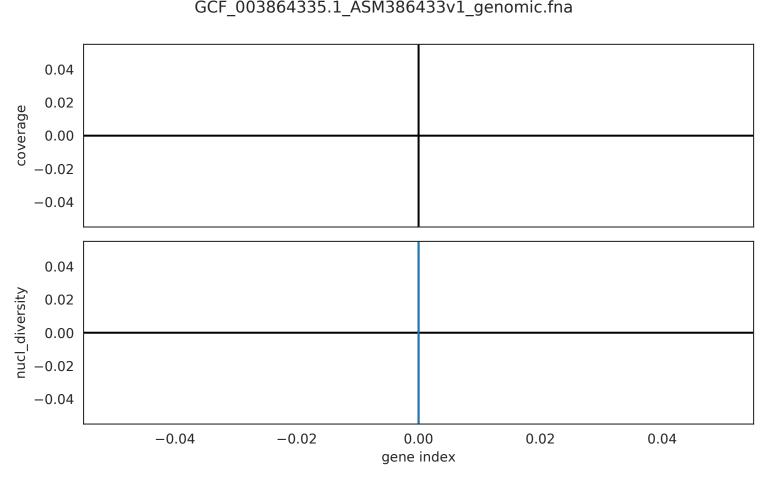


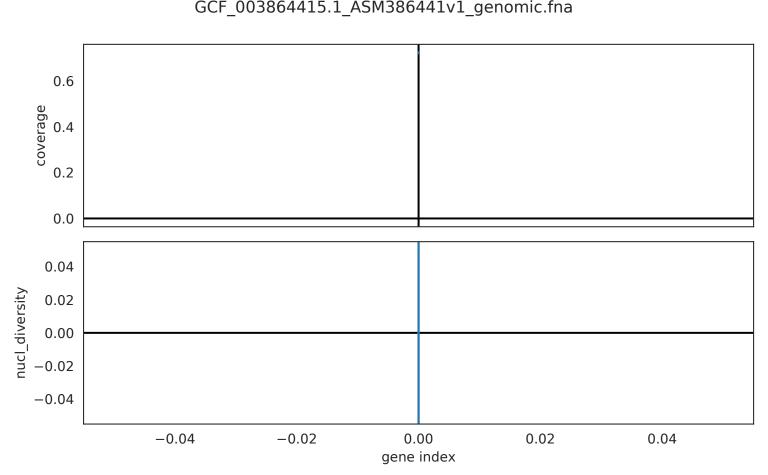






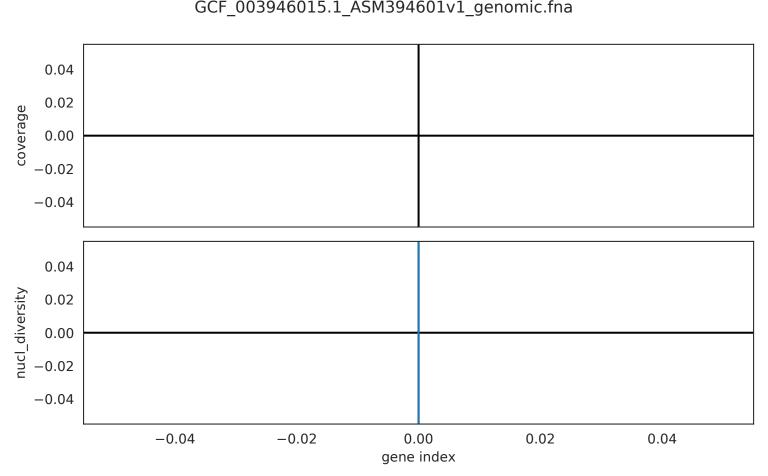






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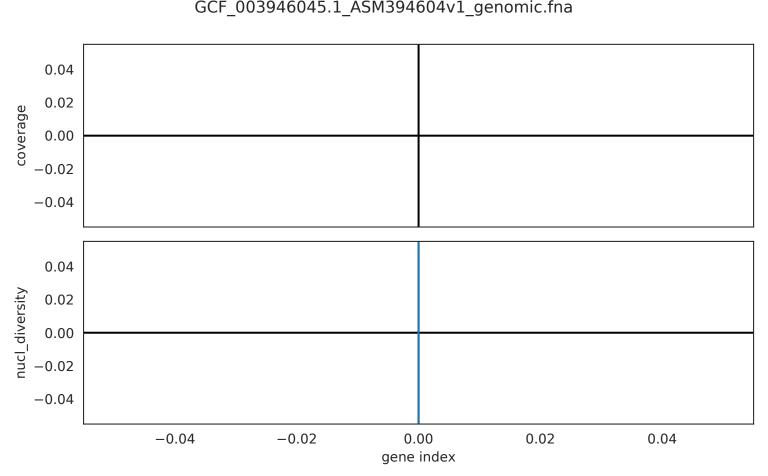
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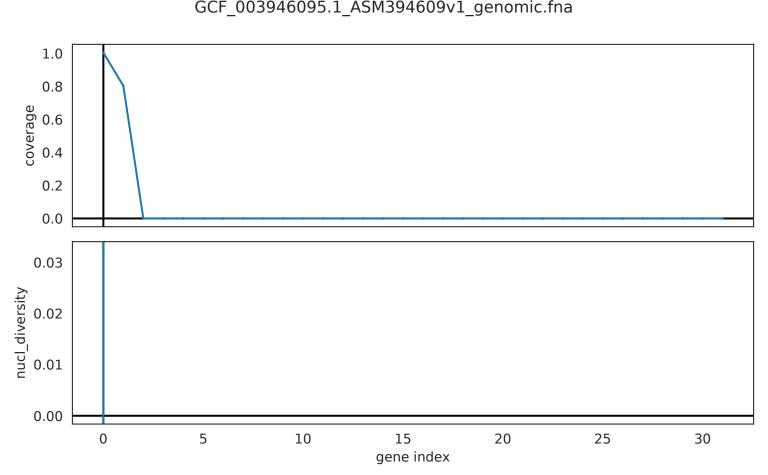
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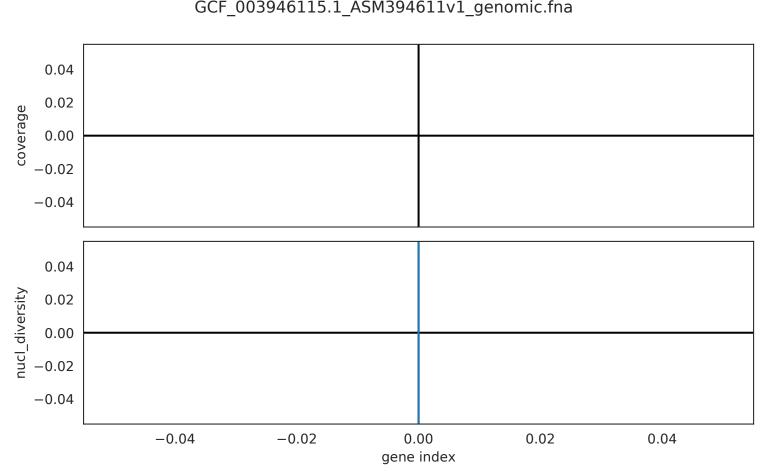
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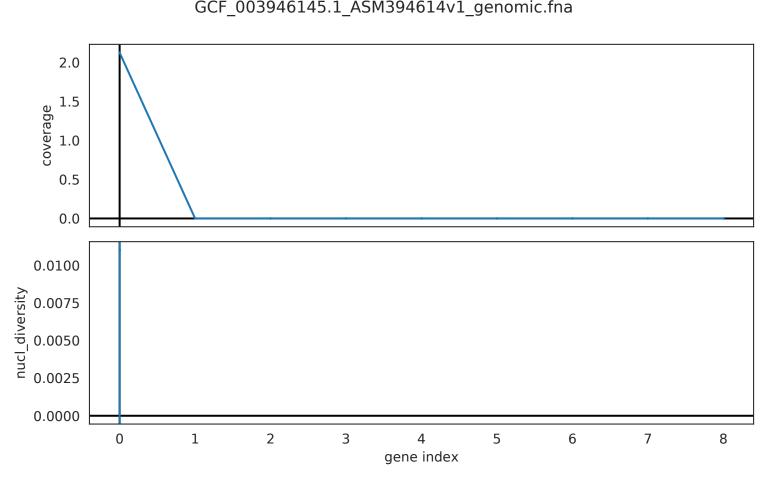


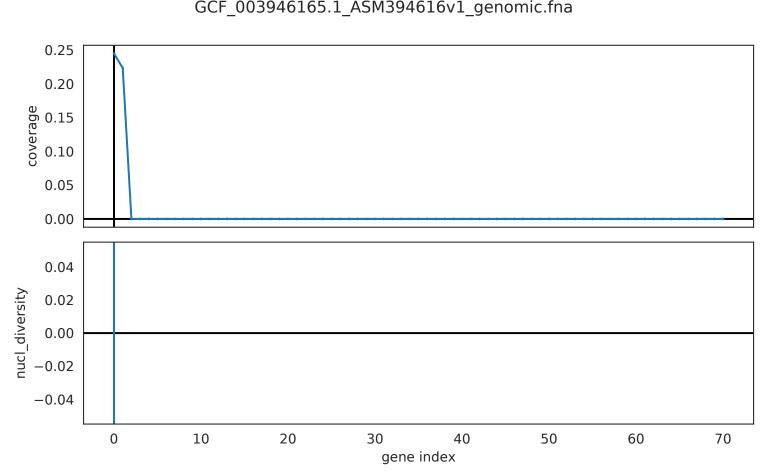
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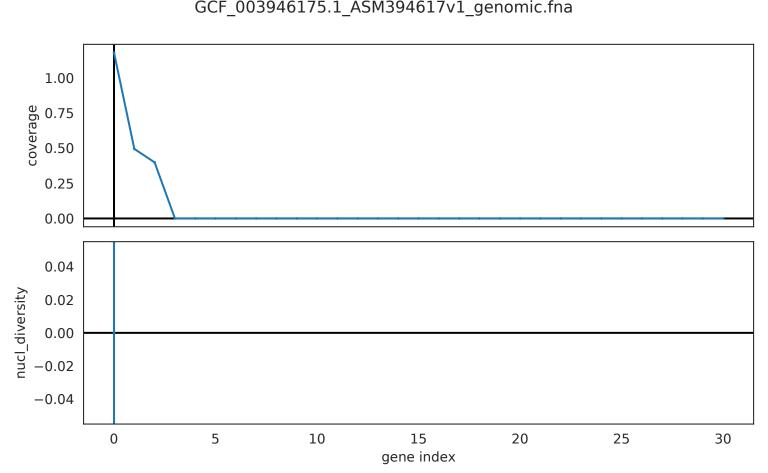
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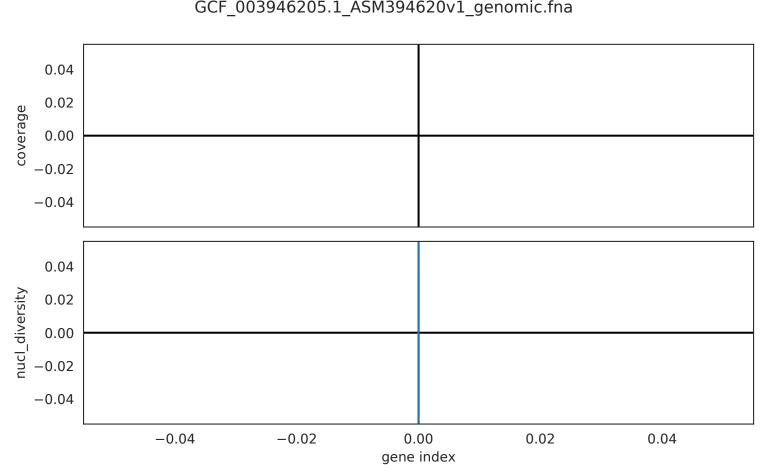






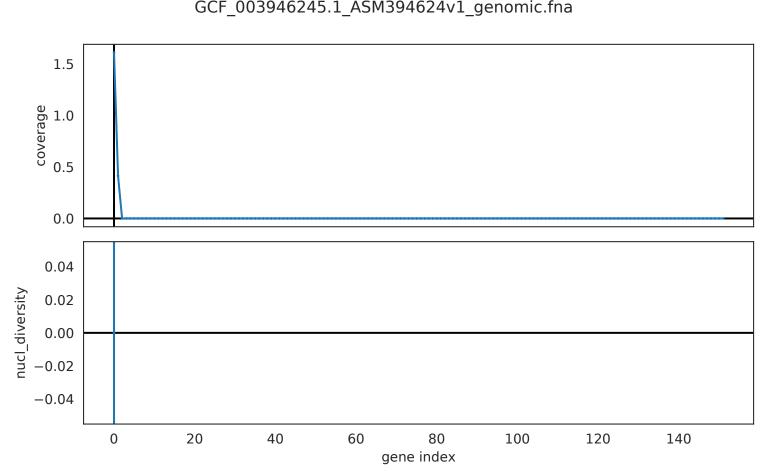


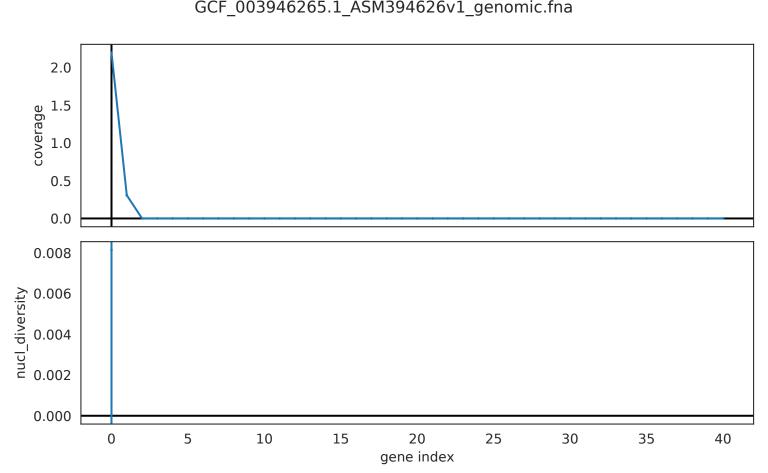


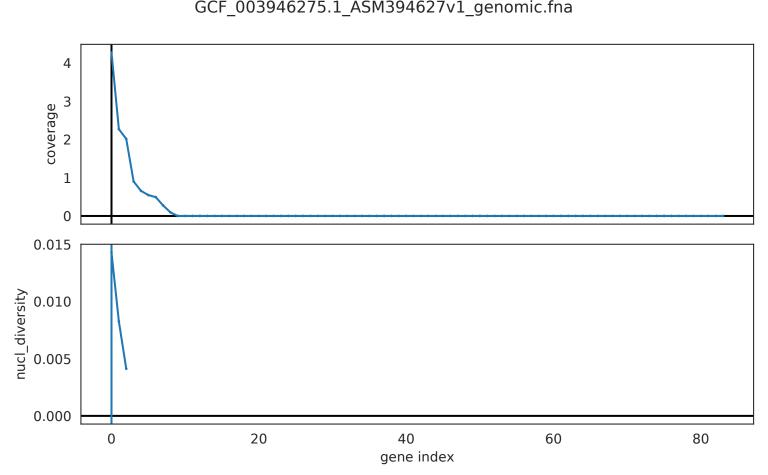


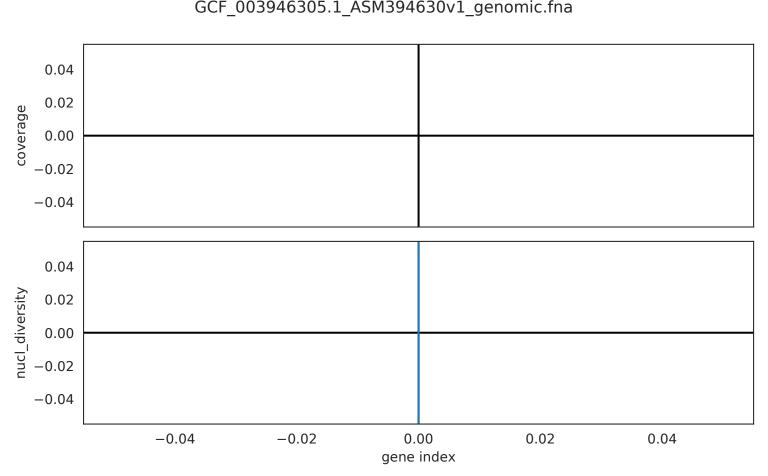
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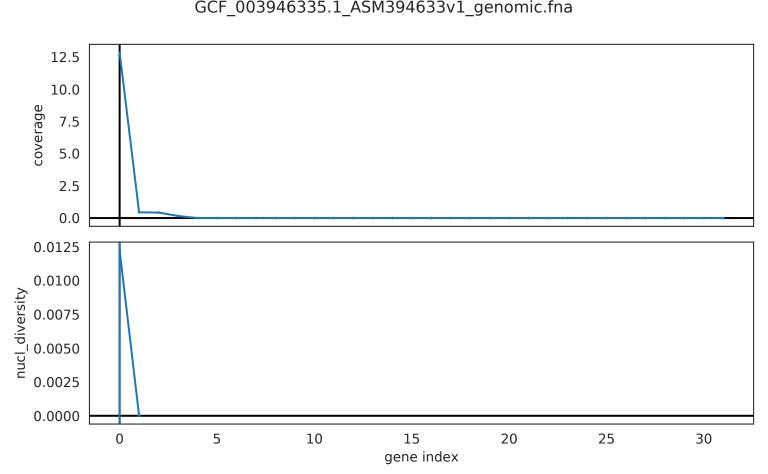


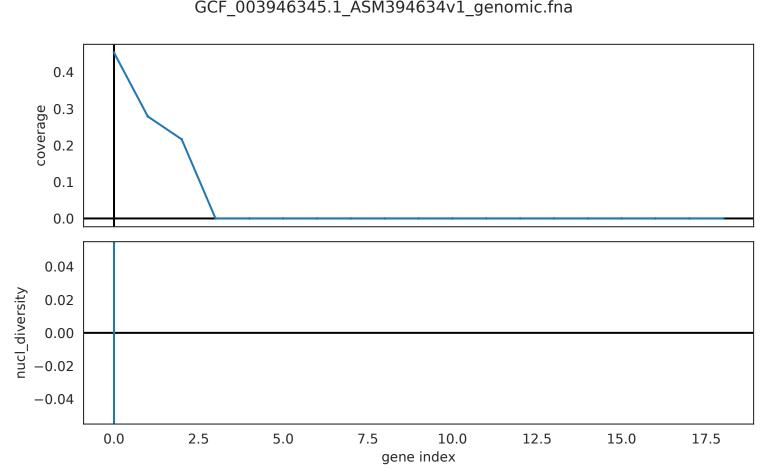


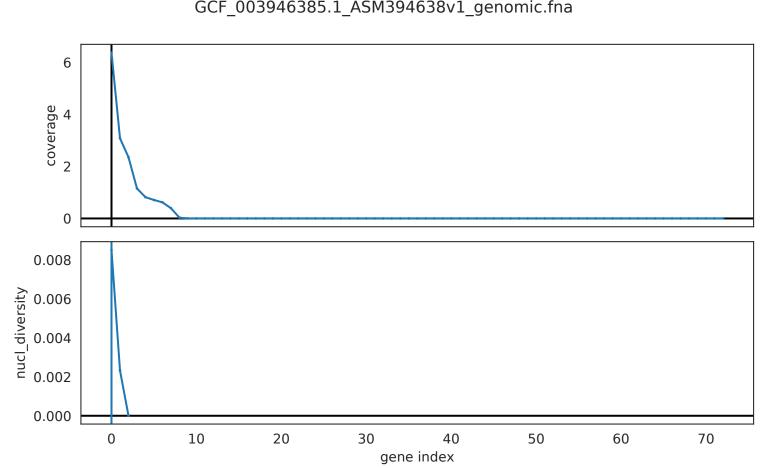


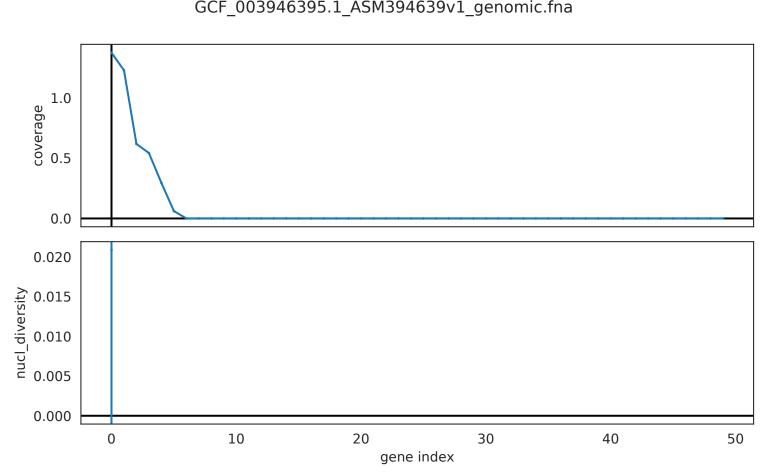
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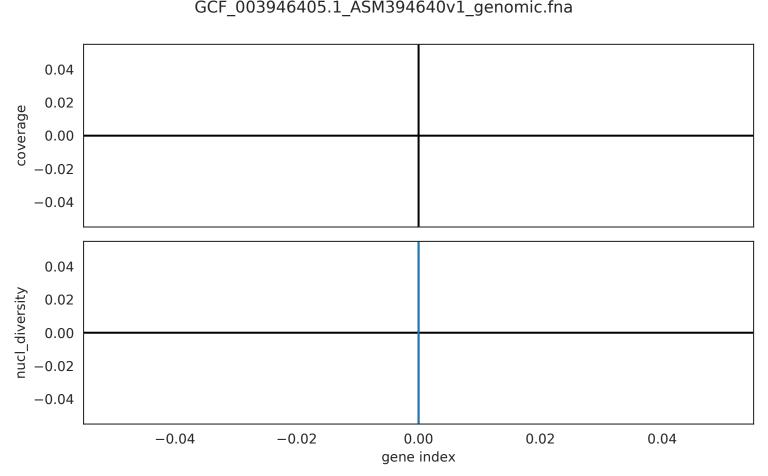
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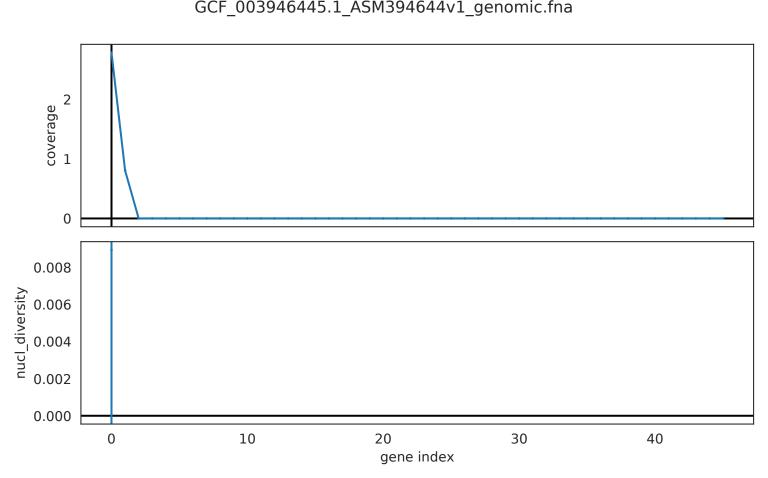


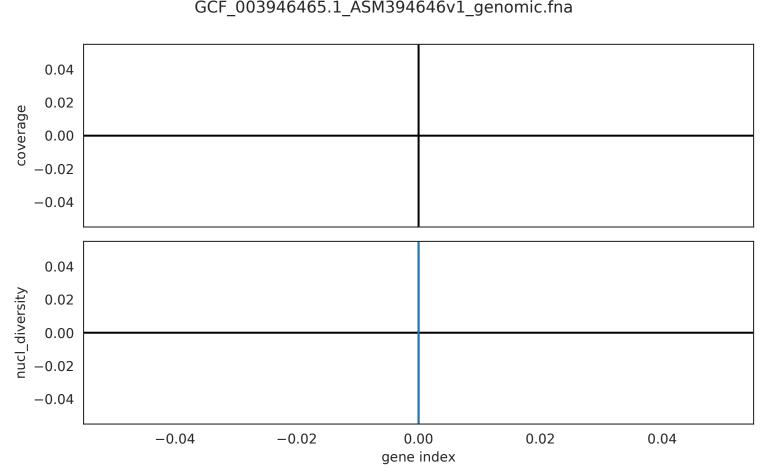


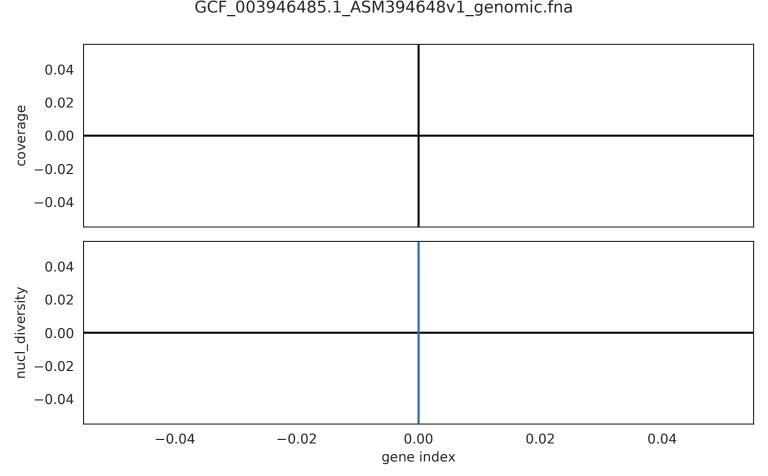


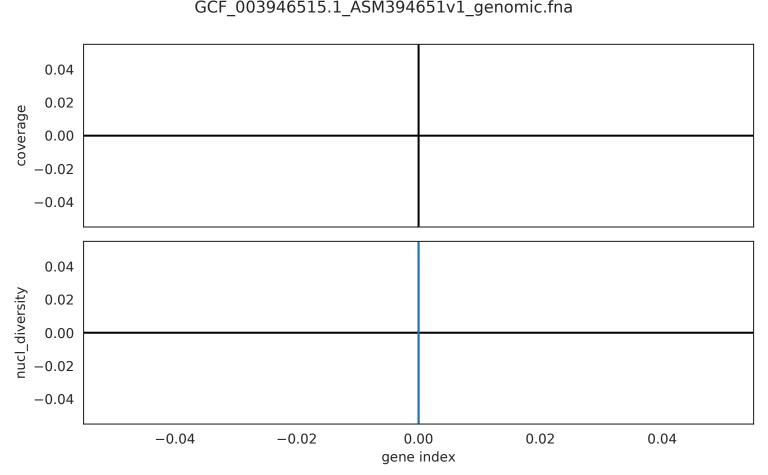


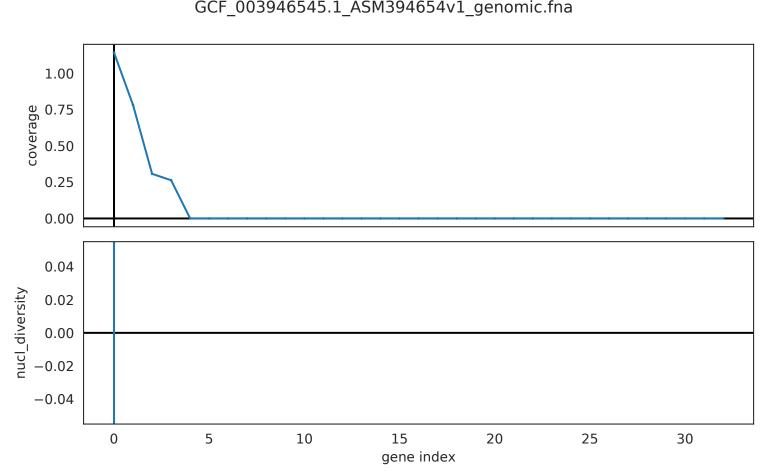


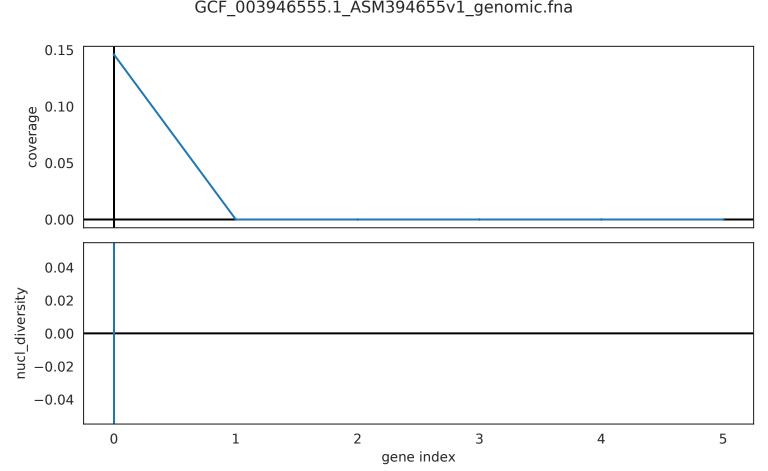


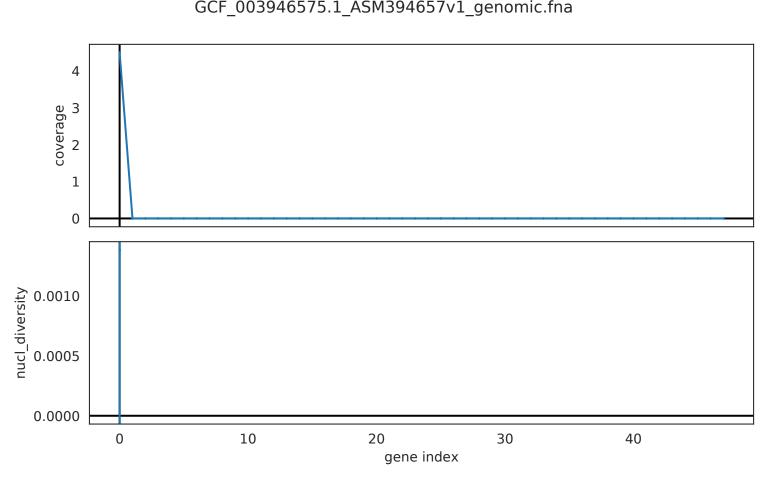


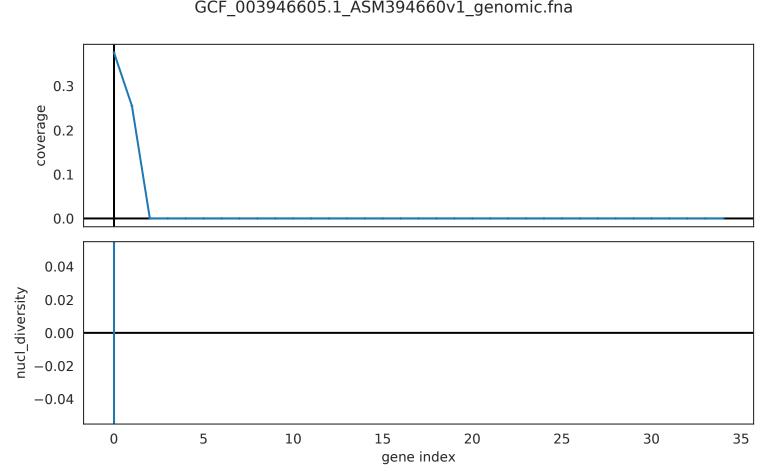


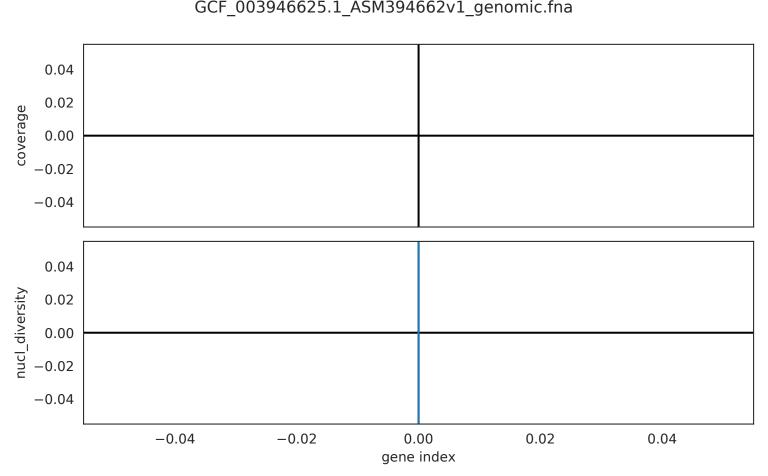


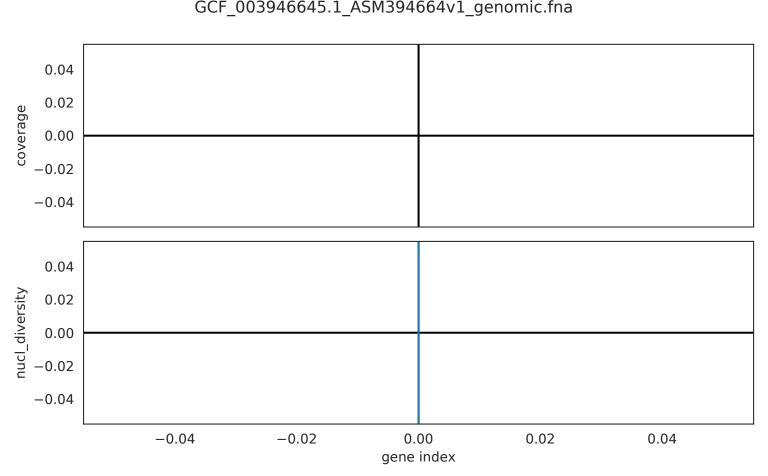


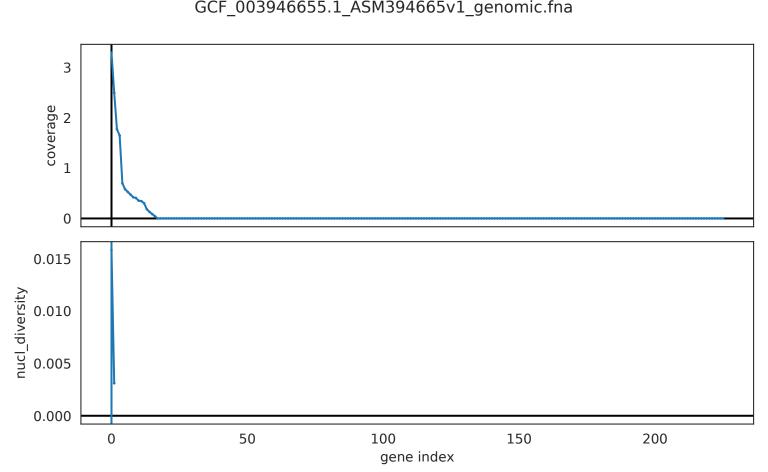


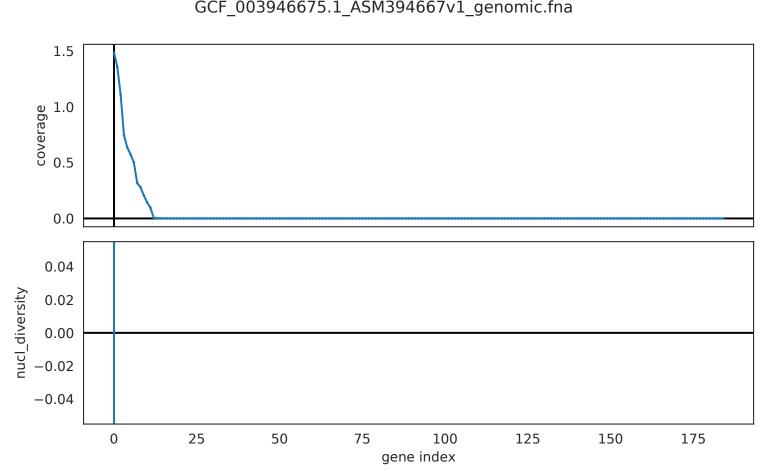


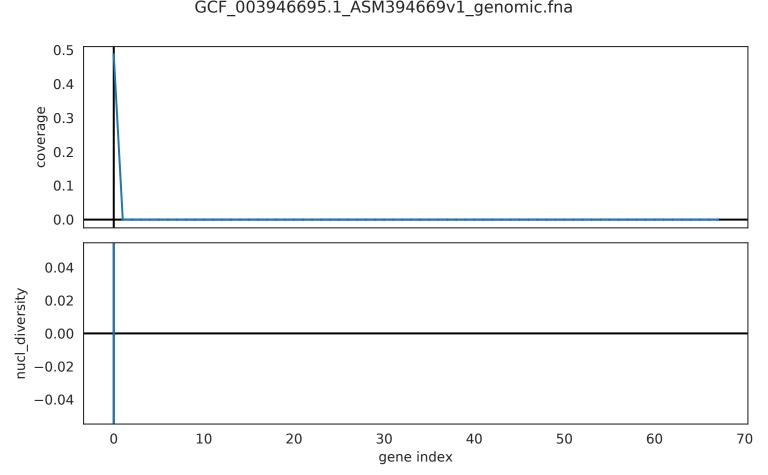


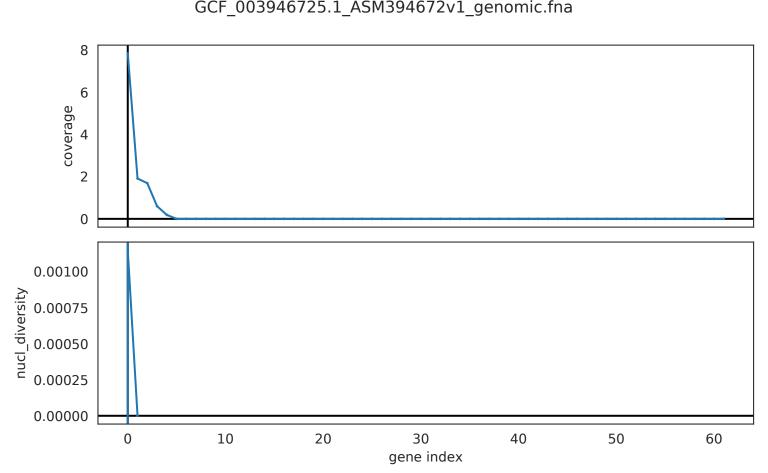


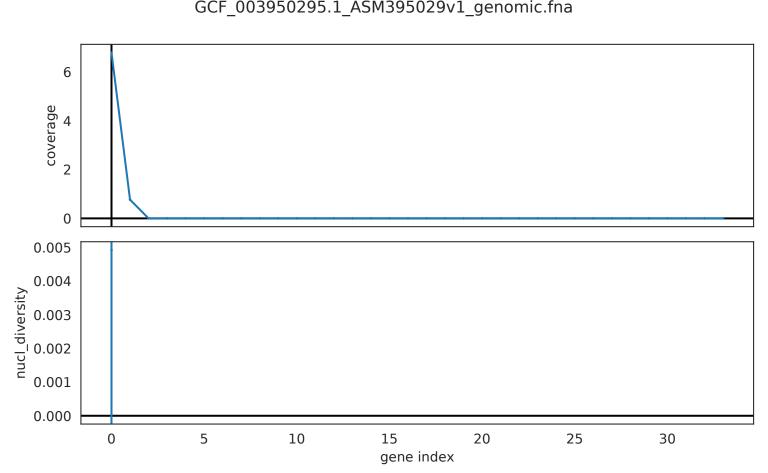


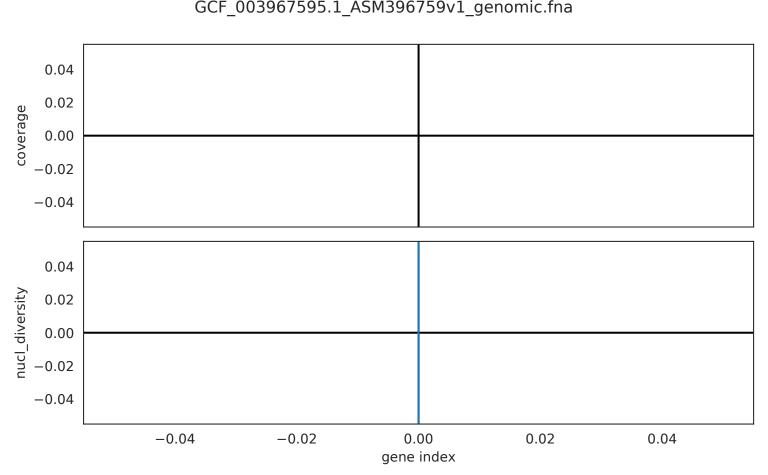


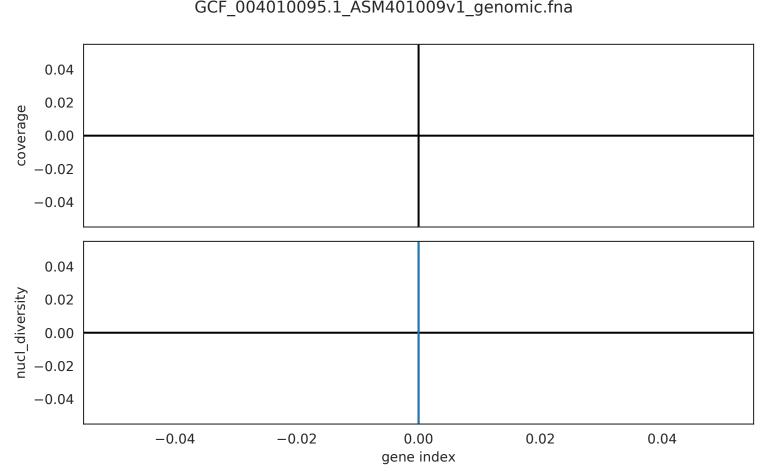


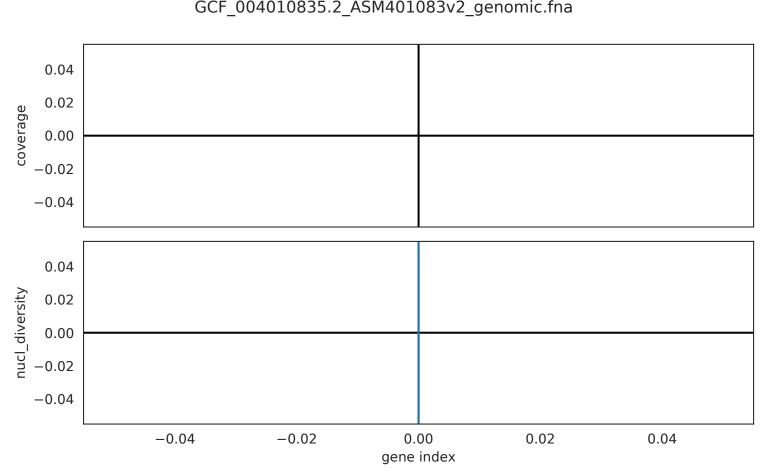


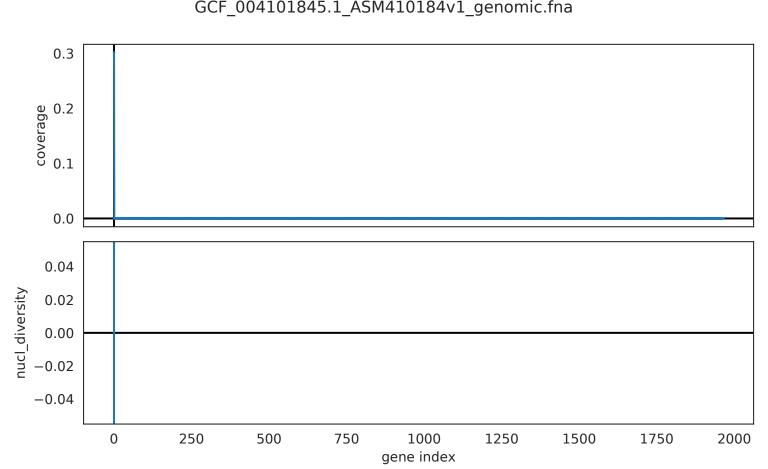


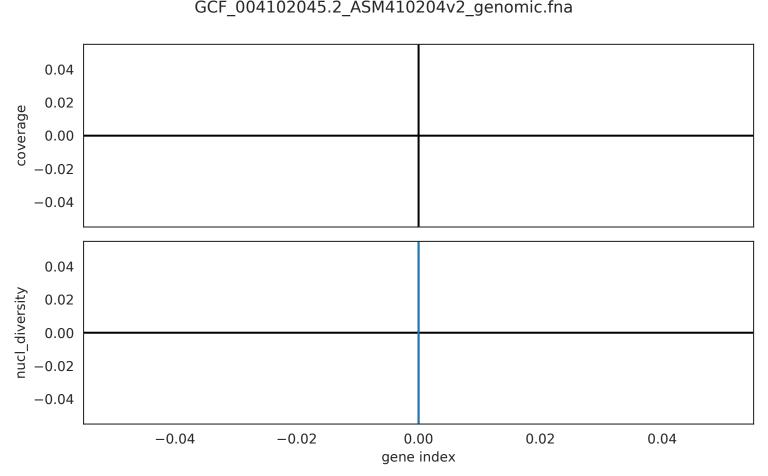


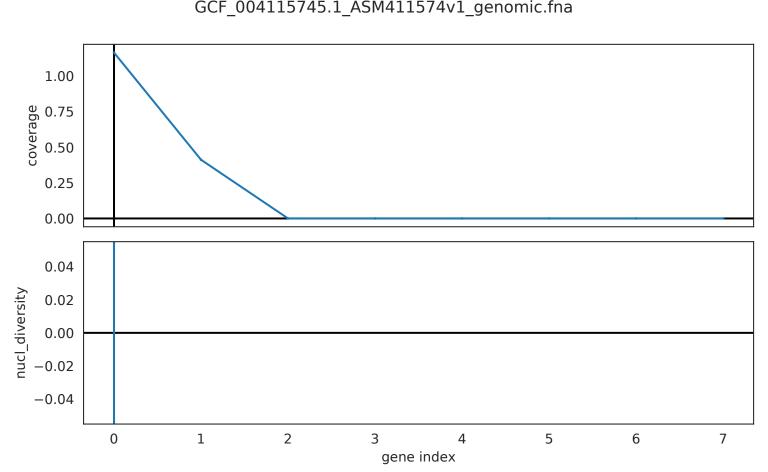


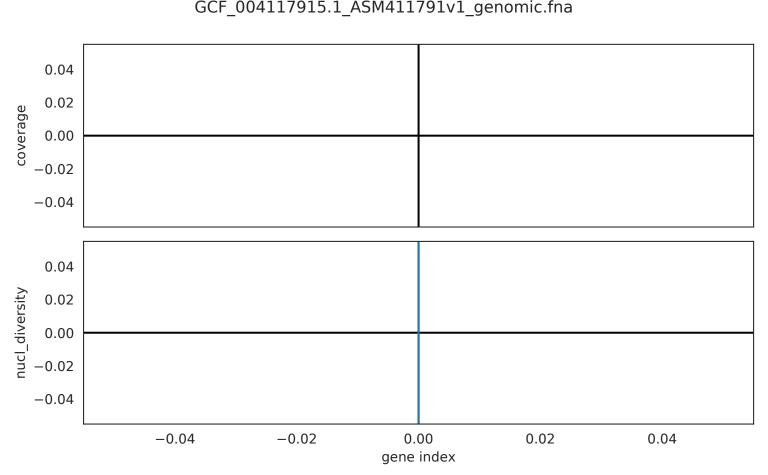


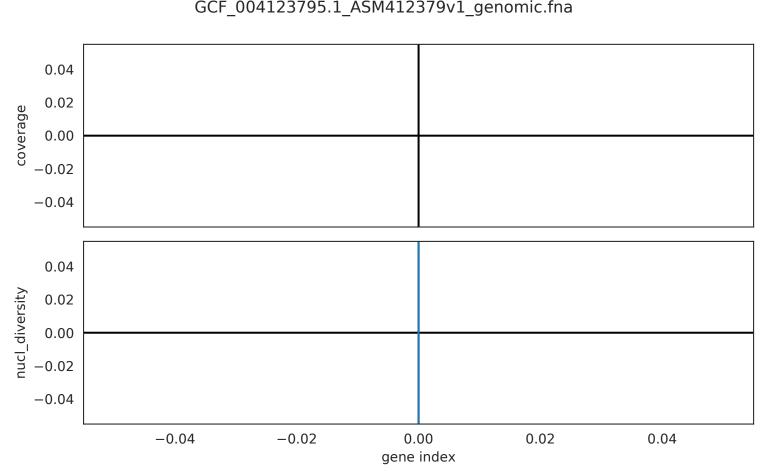


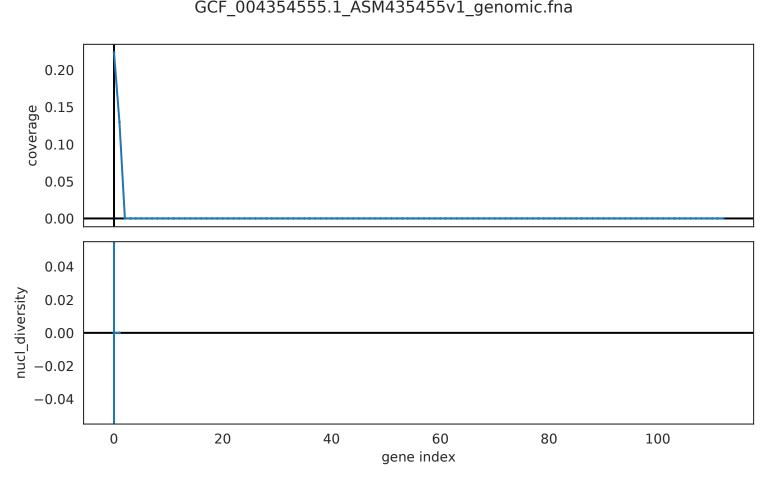


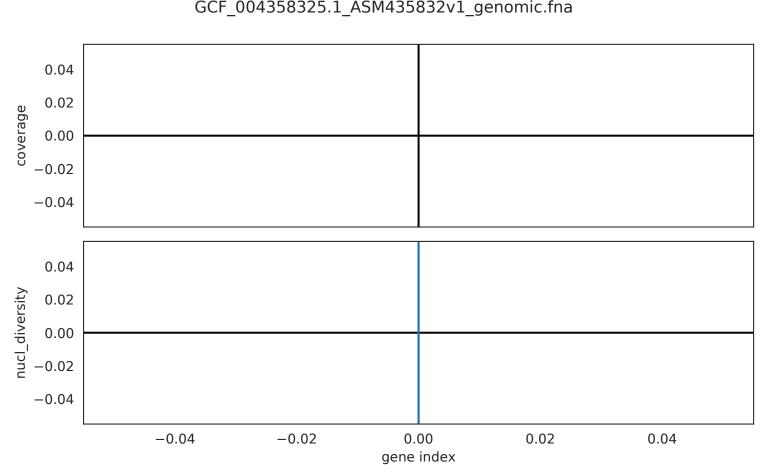






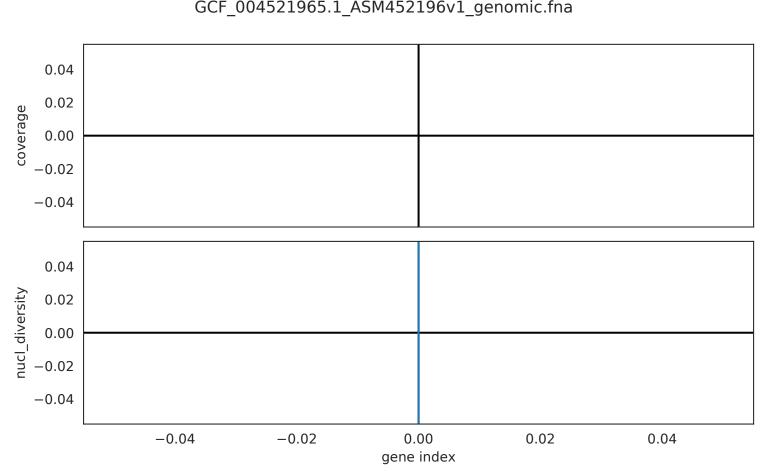






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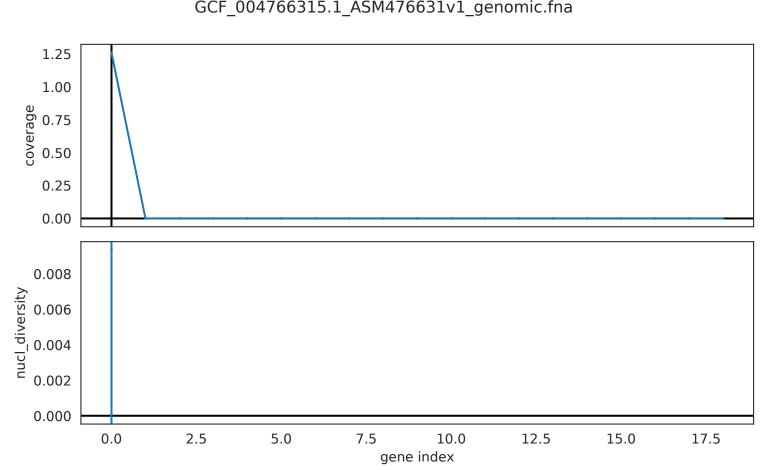
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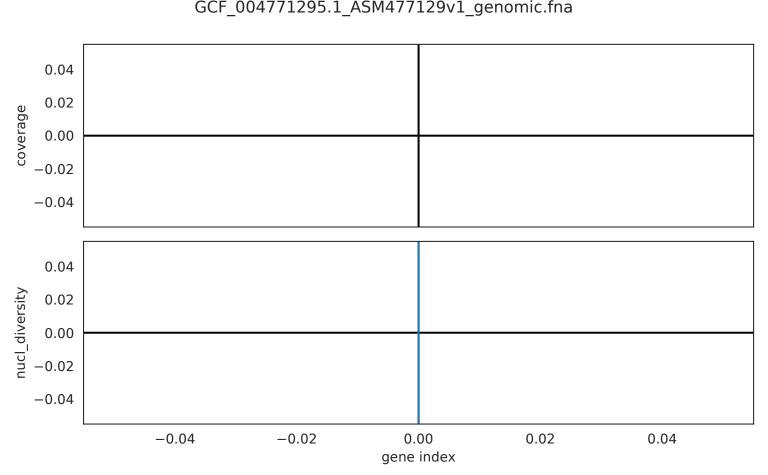
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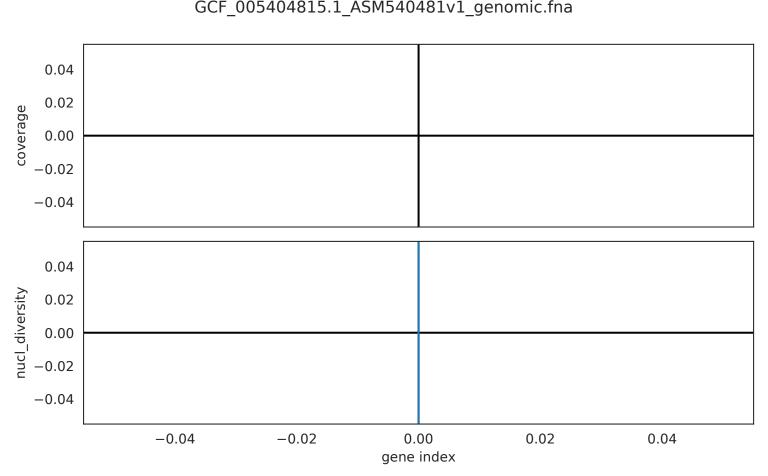
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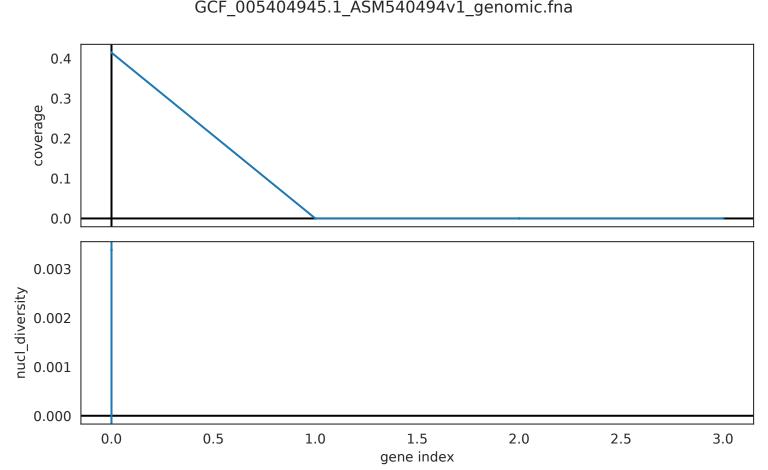
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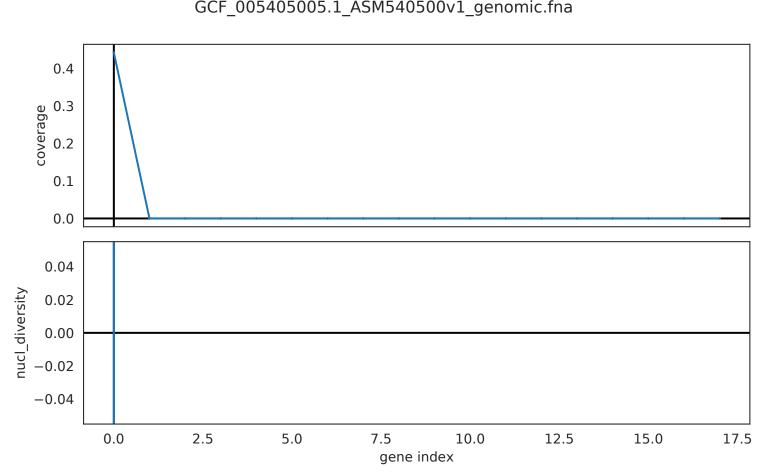
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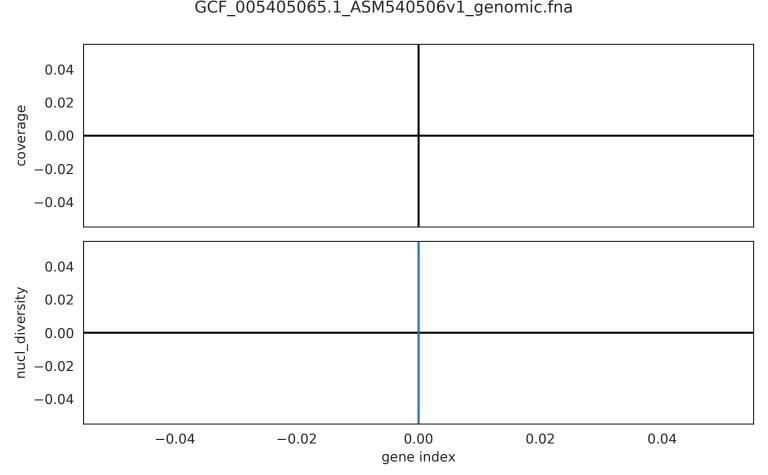


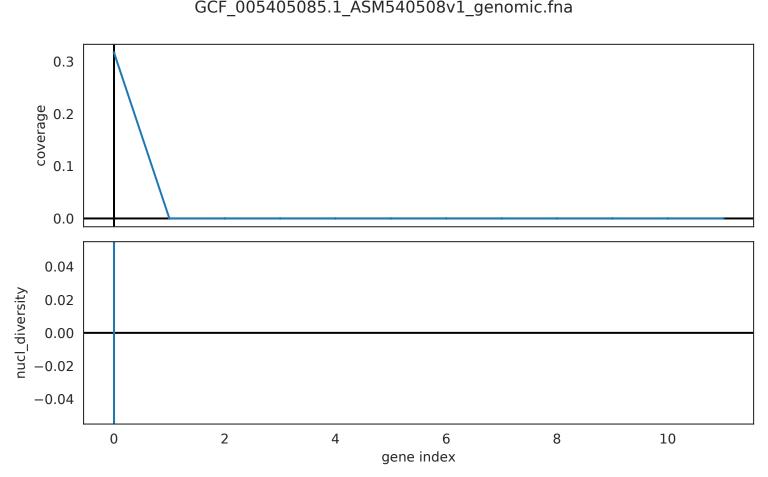


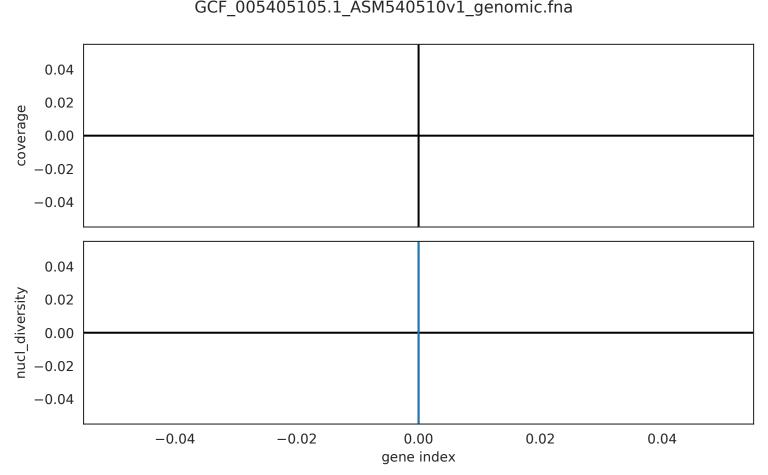


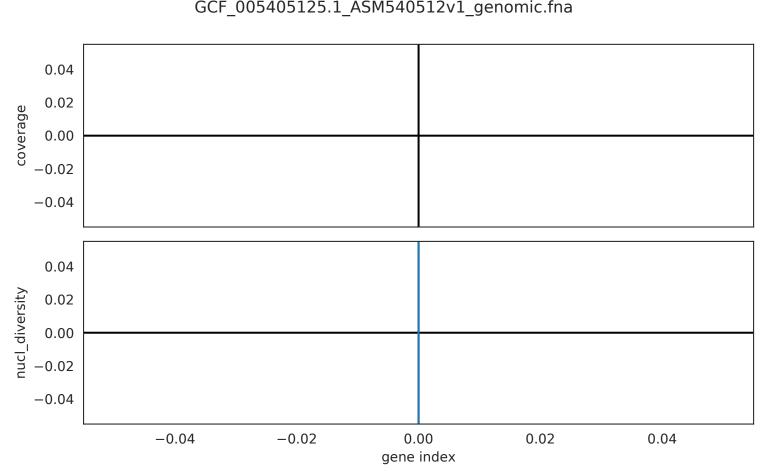




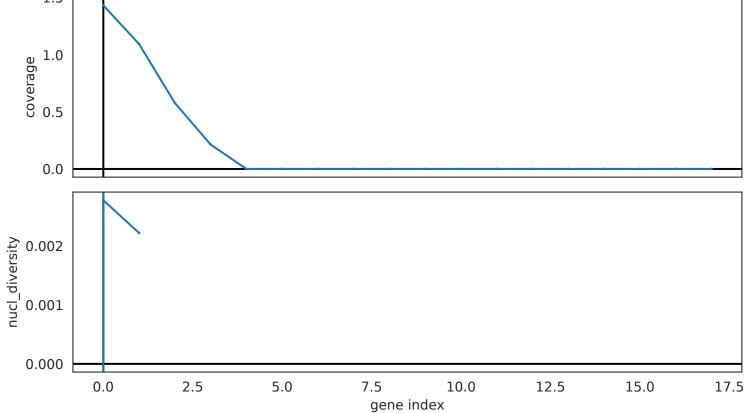


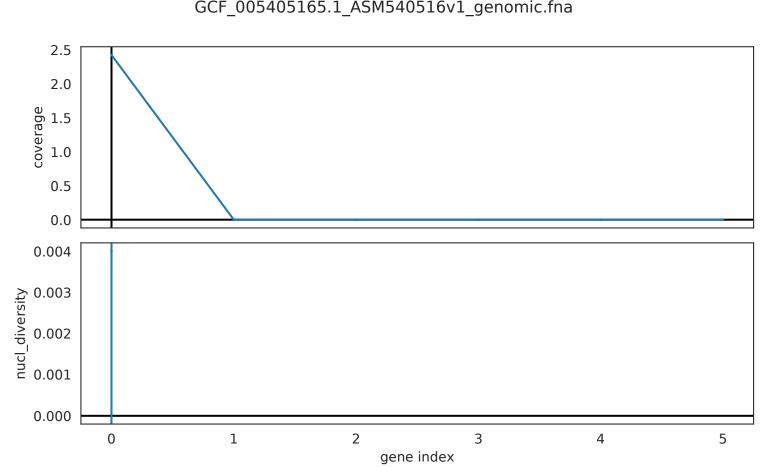


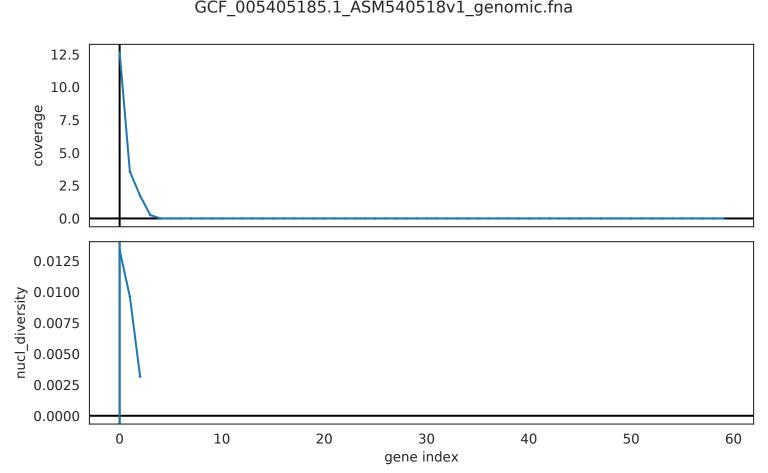


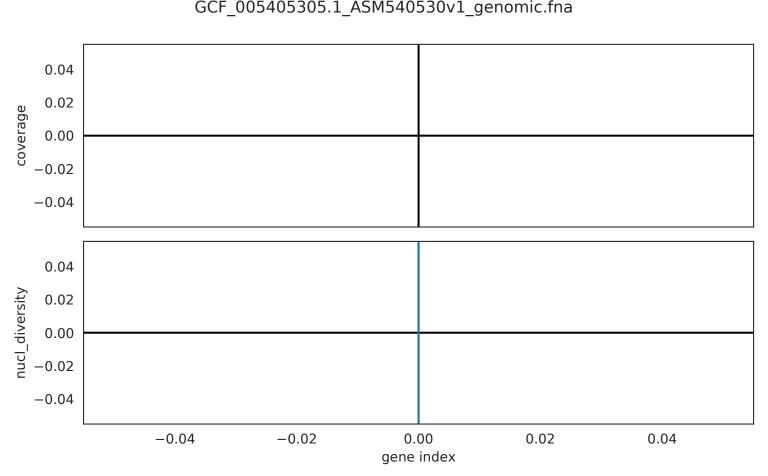


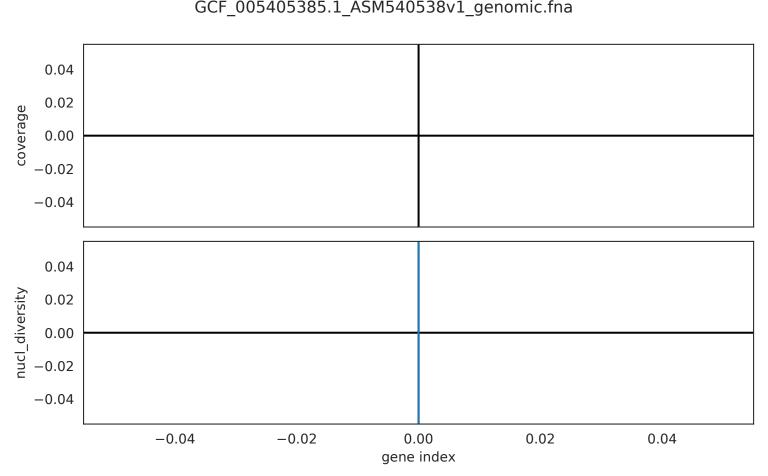
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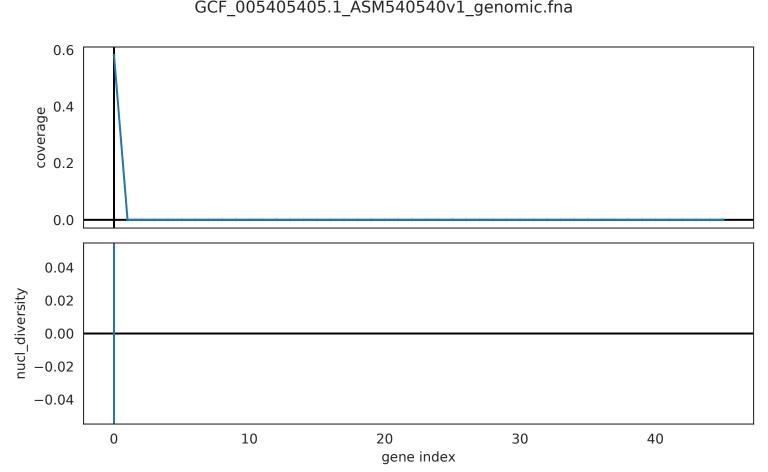


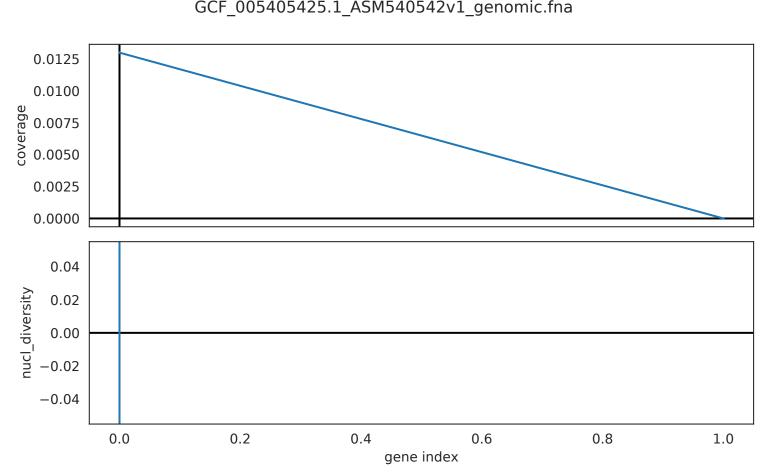






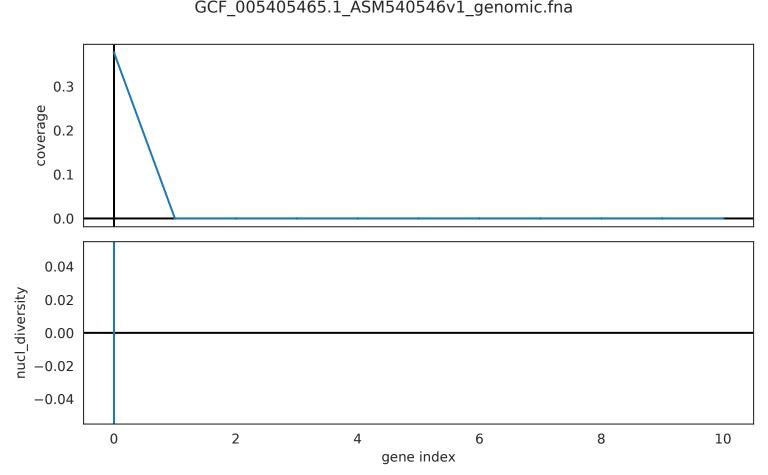


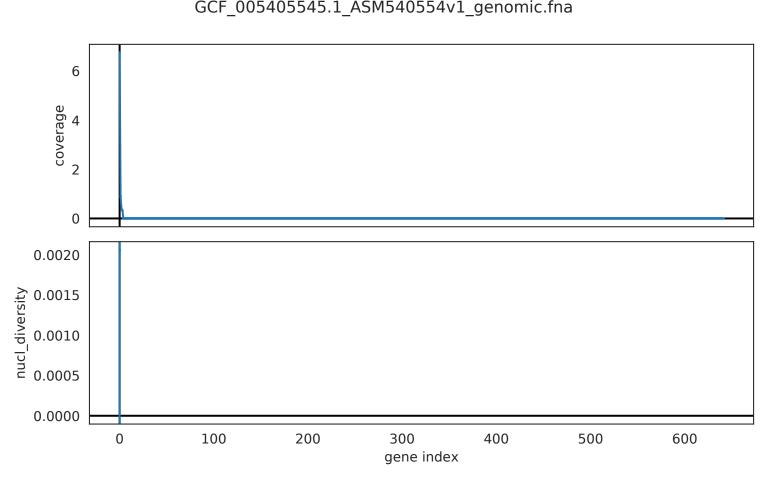


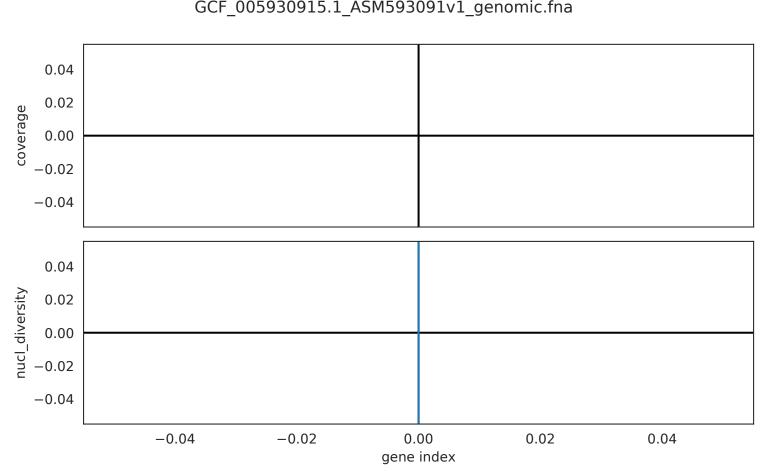


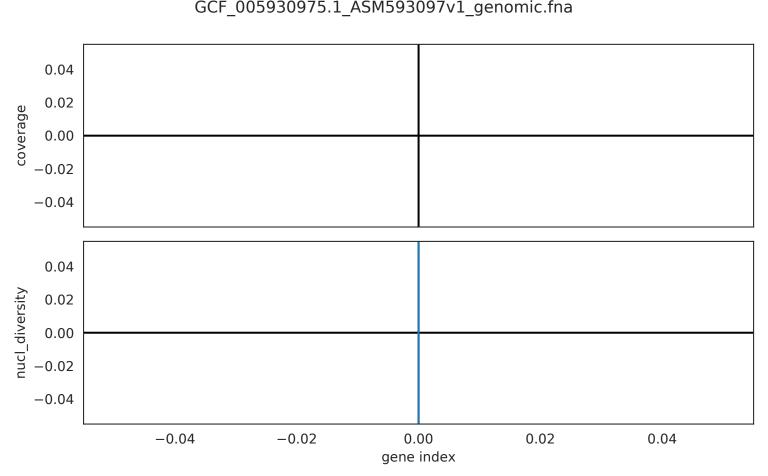
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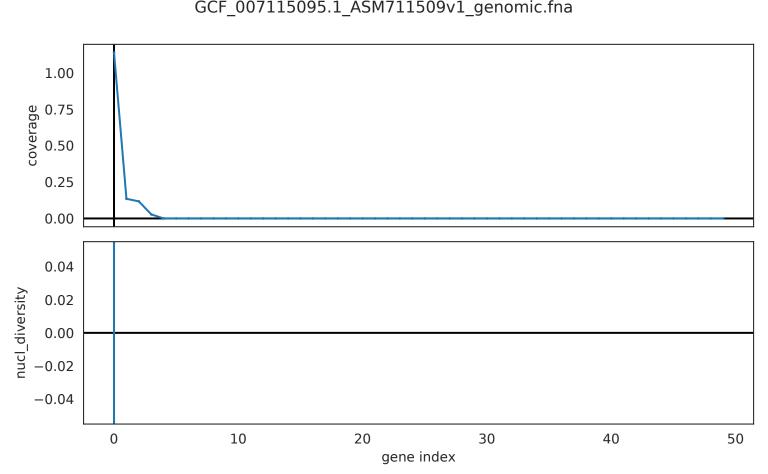


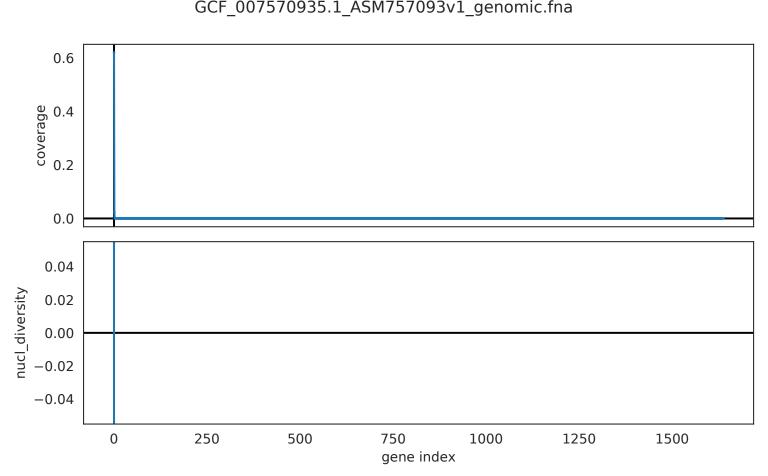


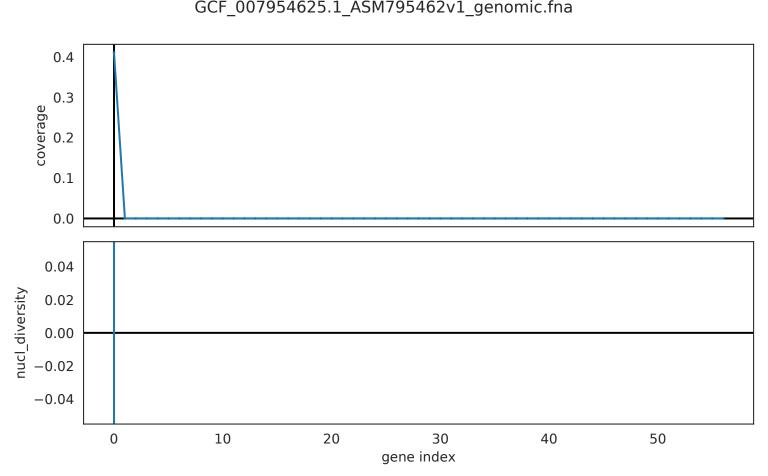


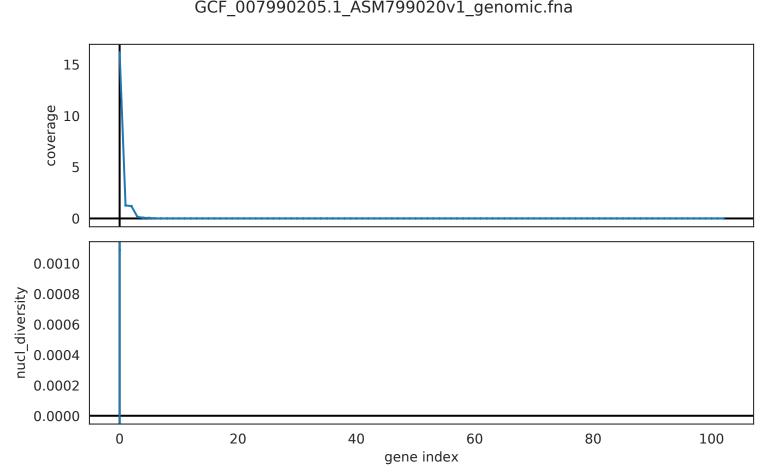
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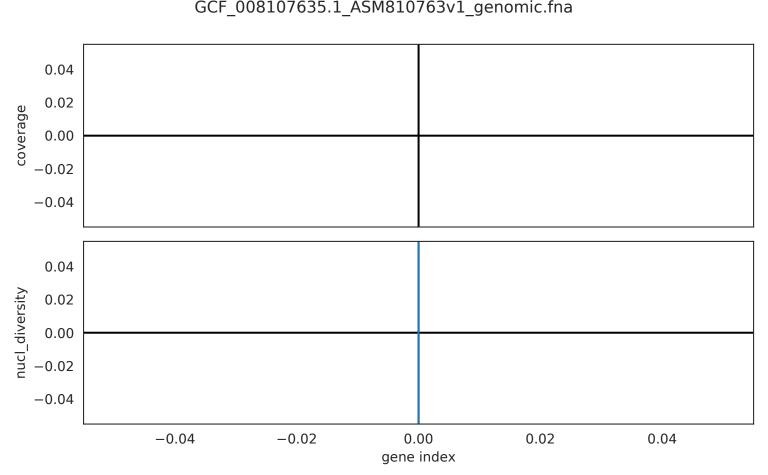
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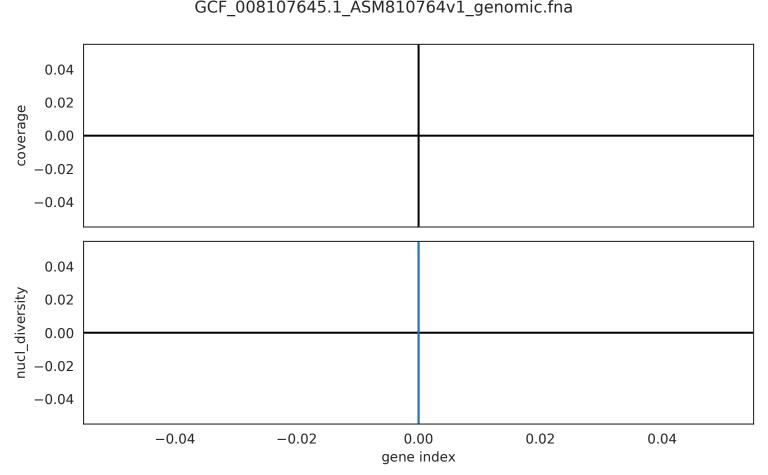


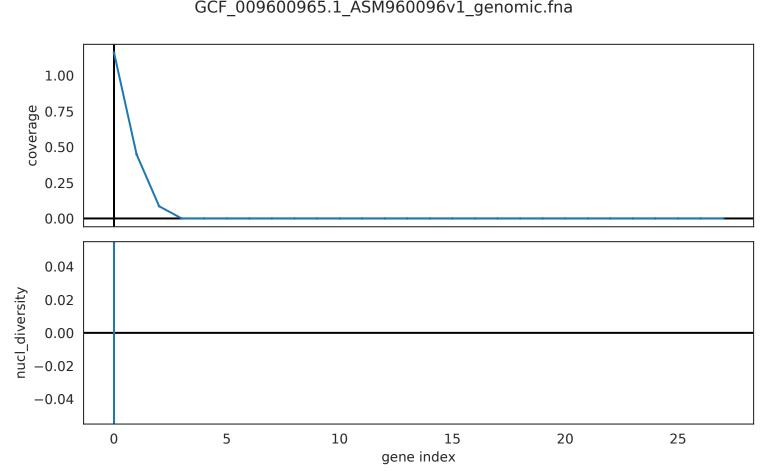




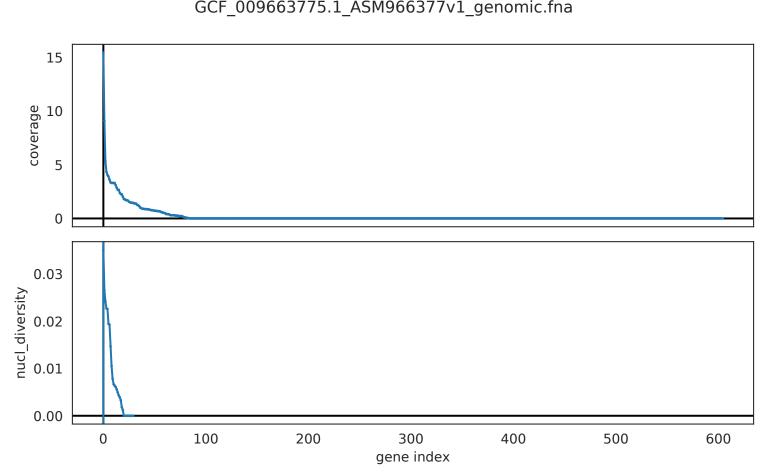


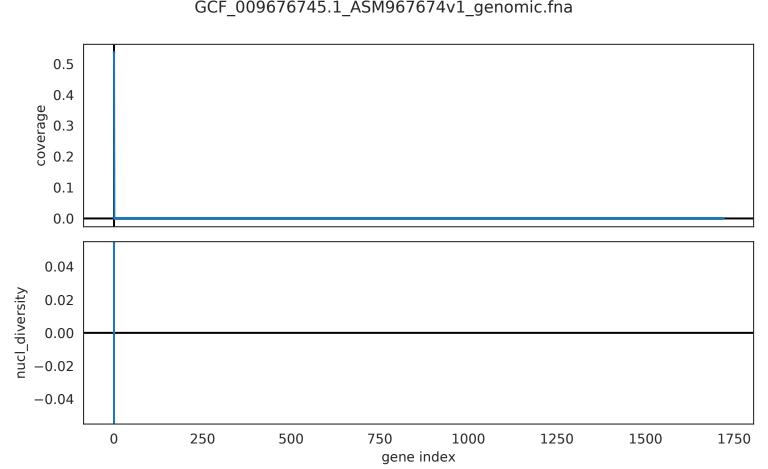


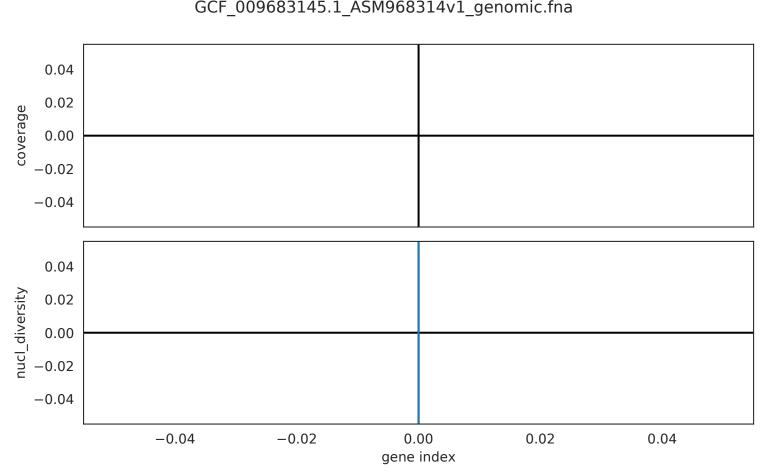


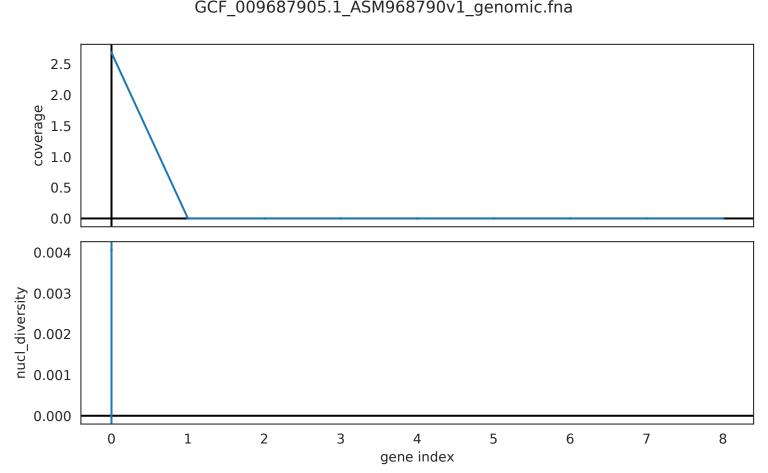


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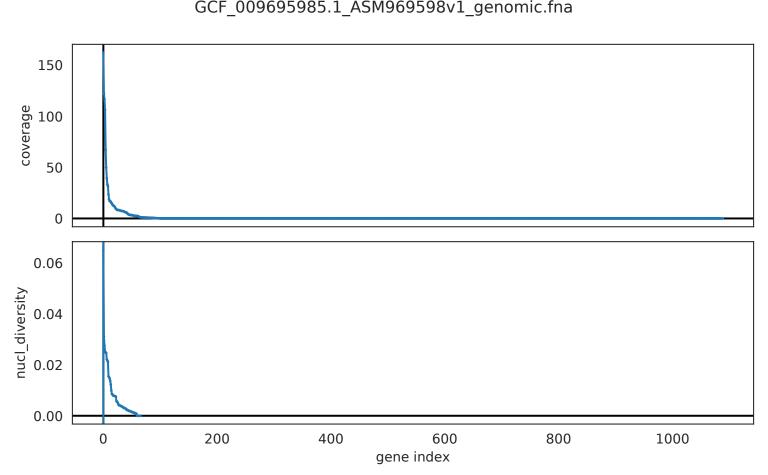


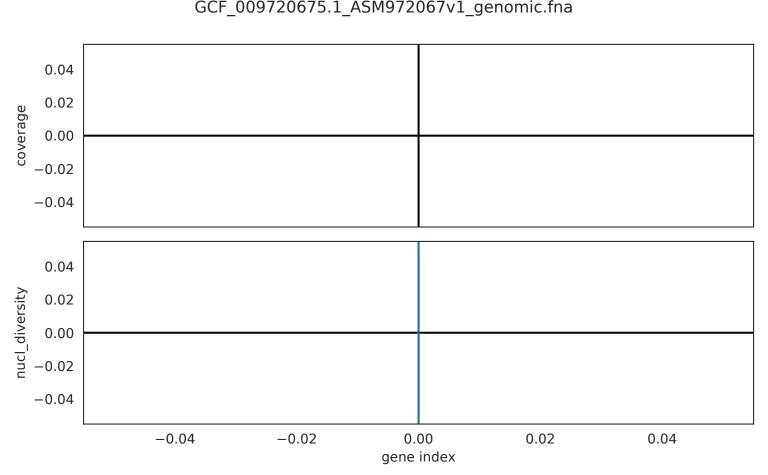


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gene index

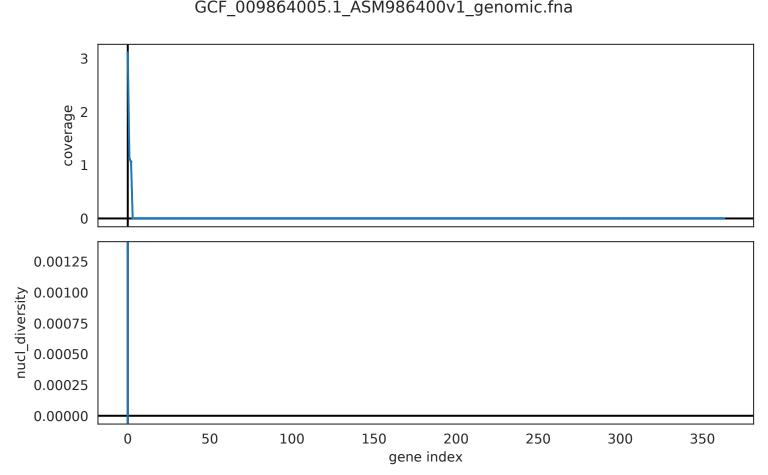
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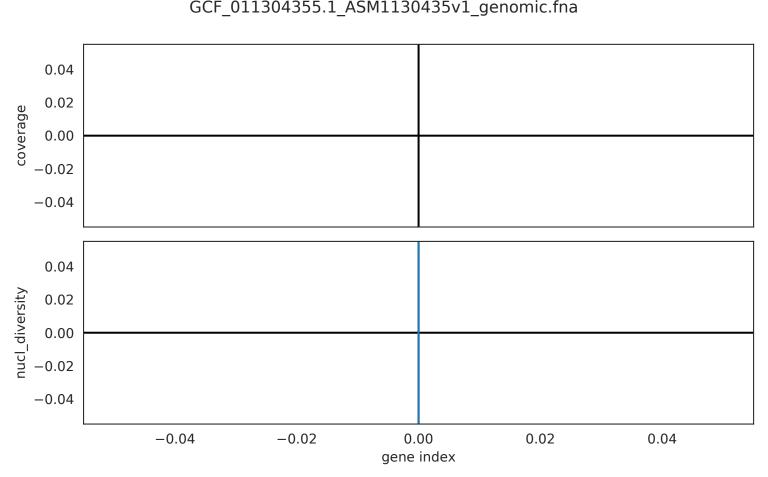


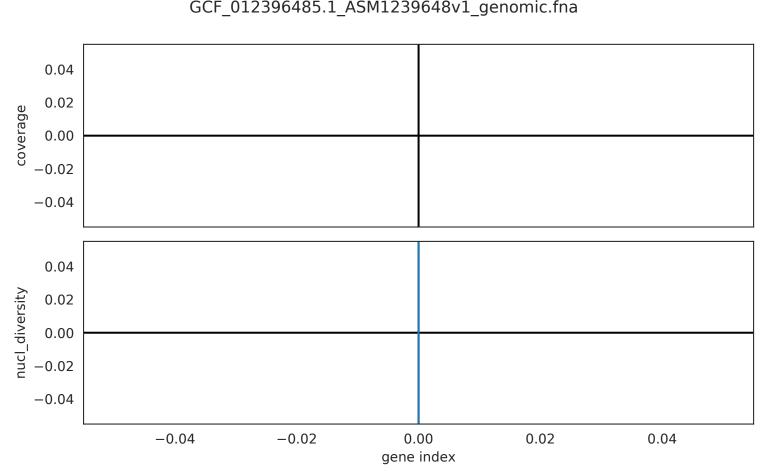


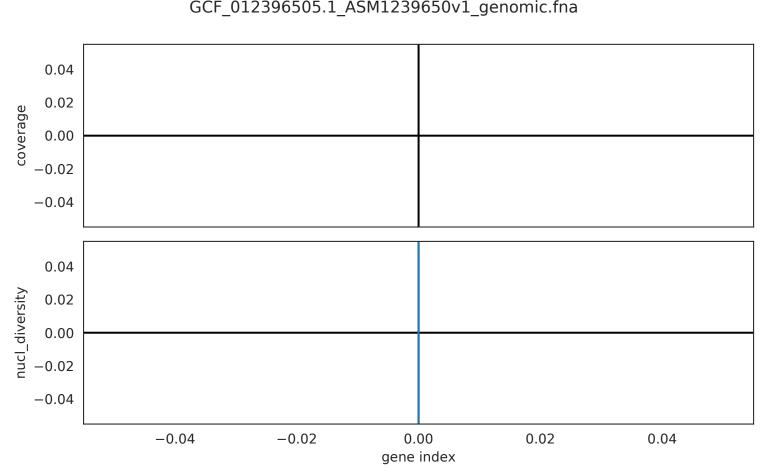
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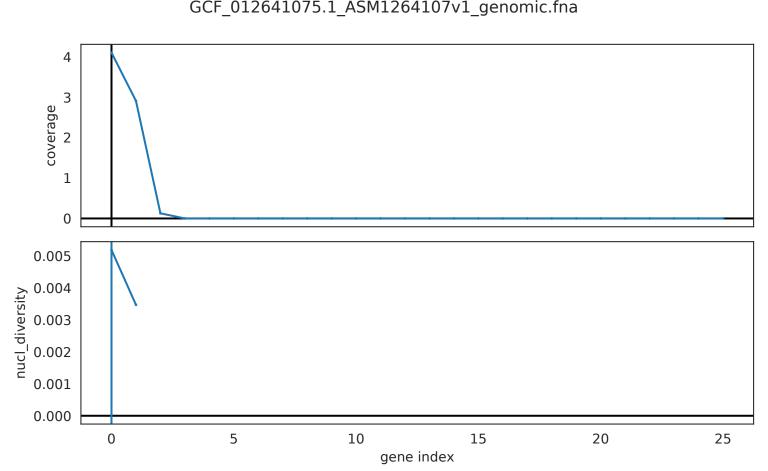
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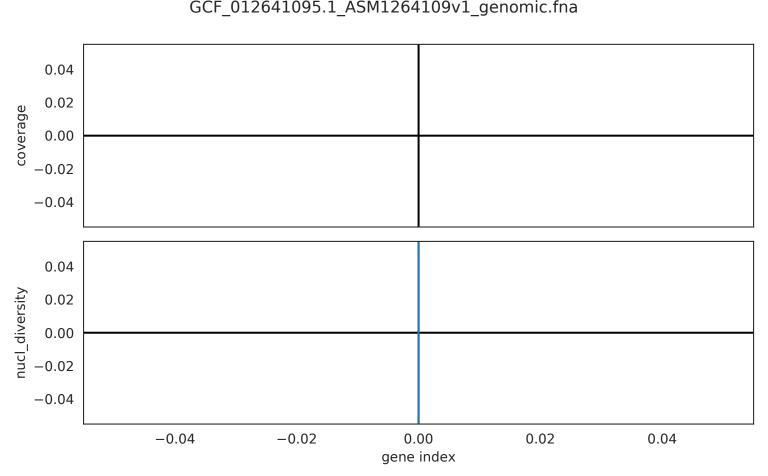


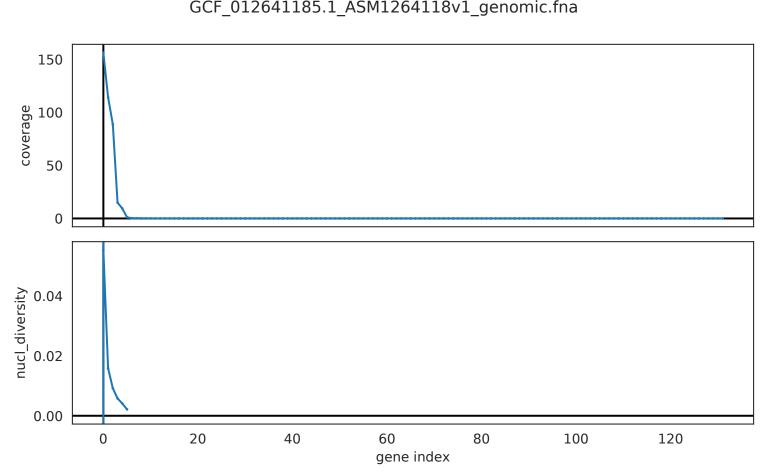


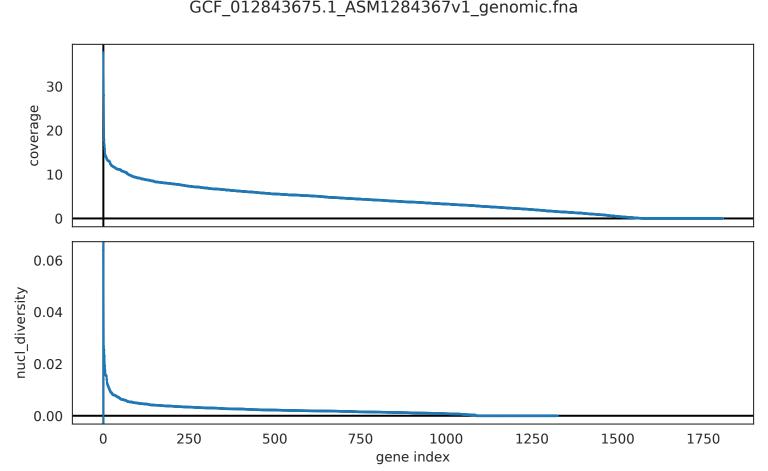


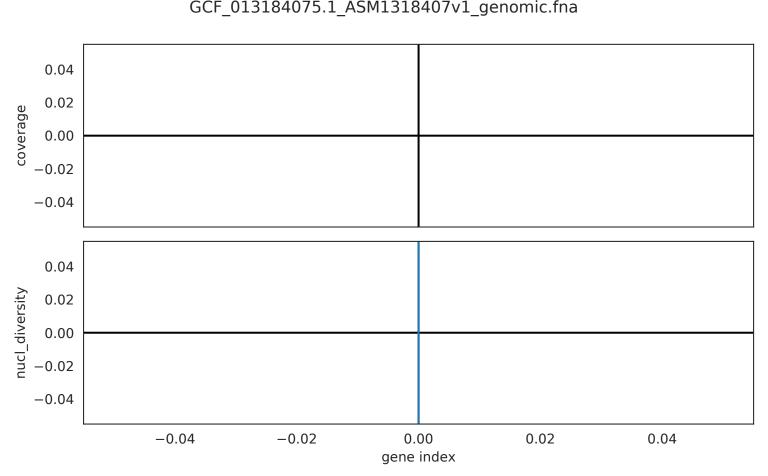


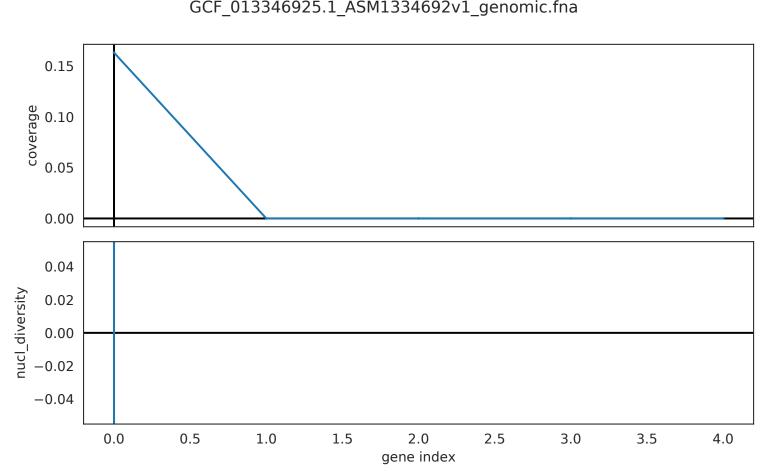


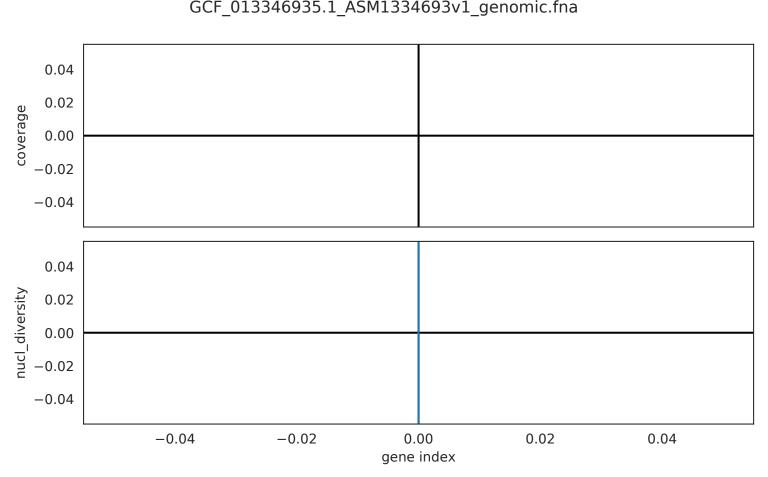


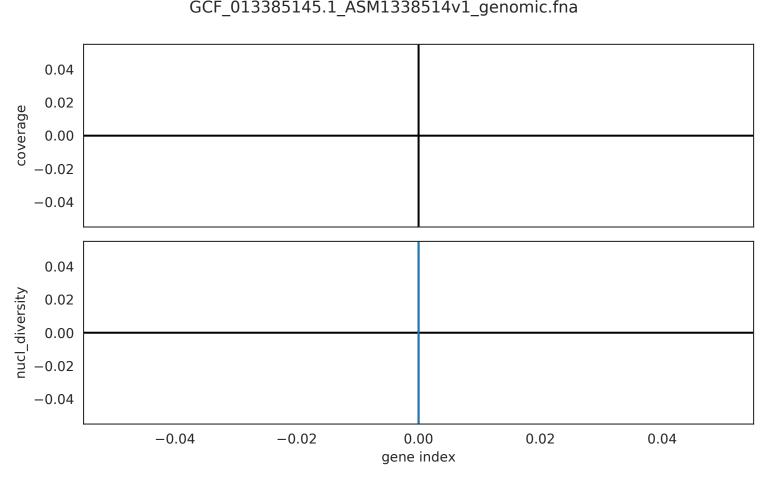


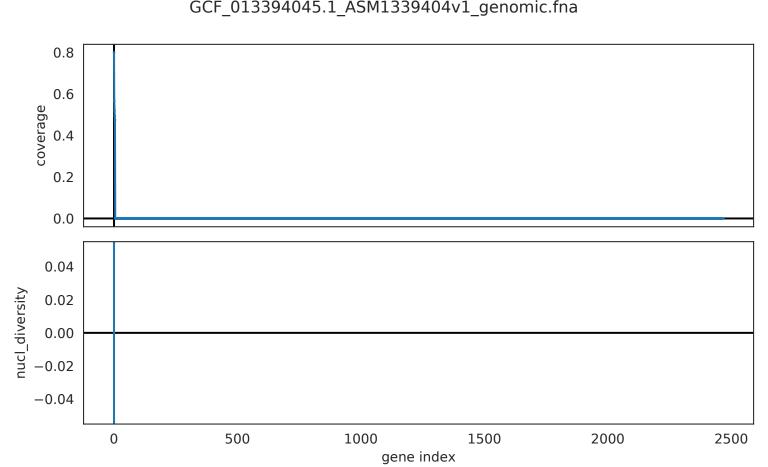


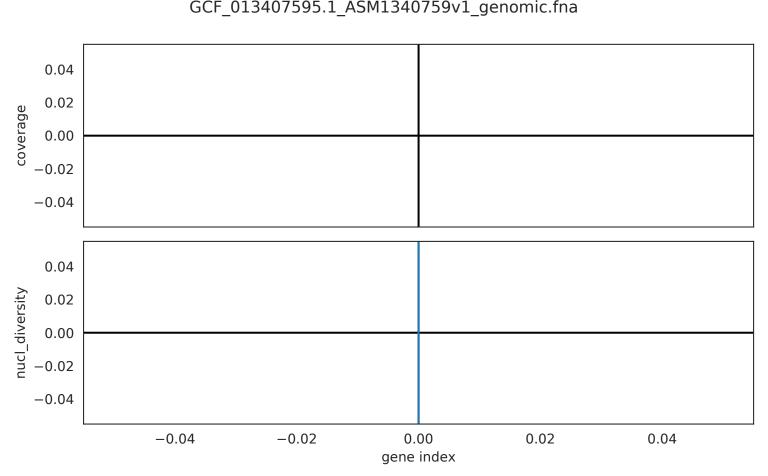


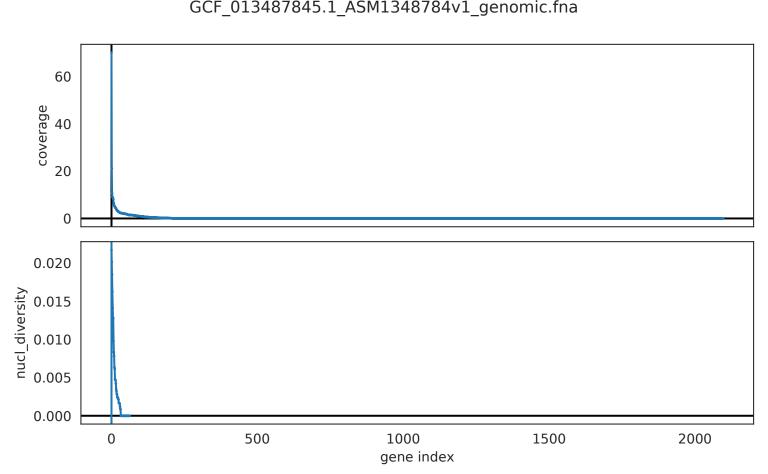


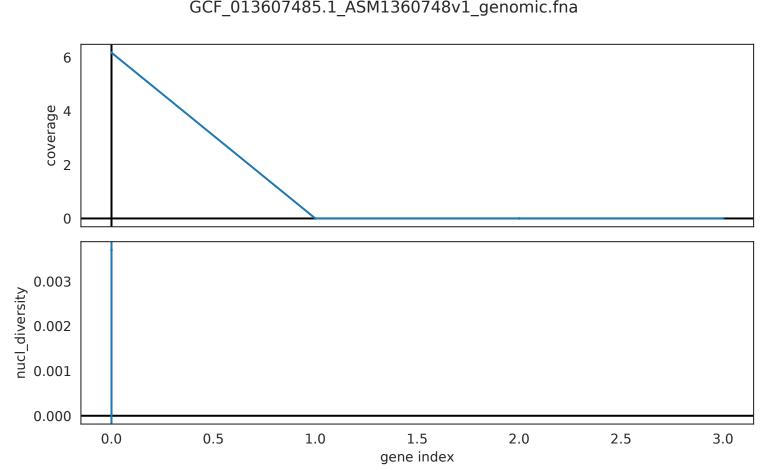


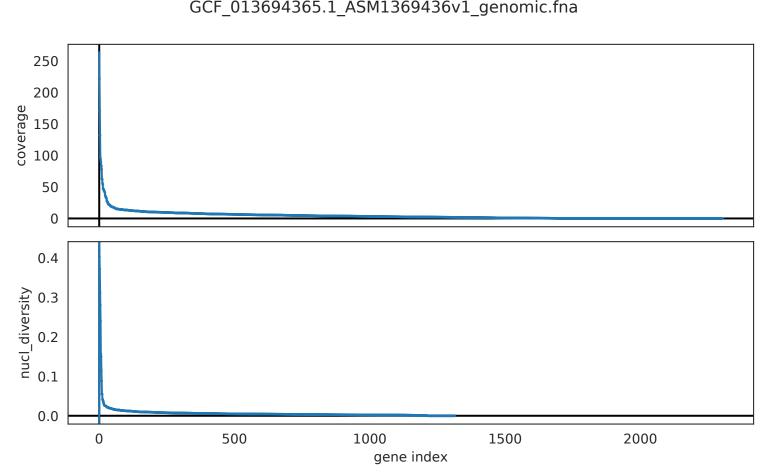


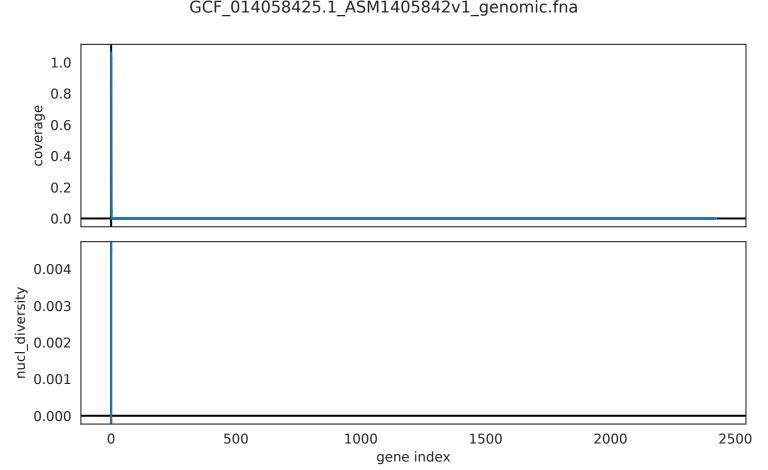


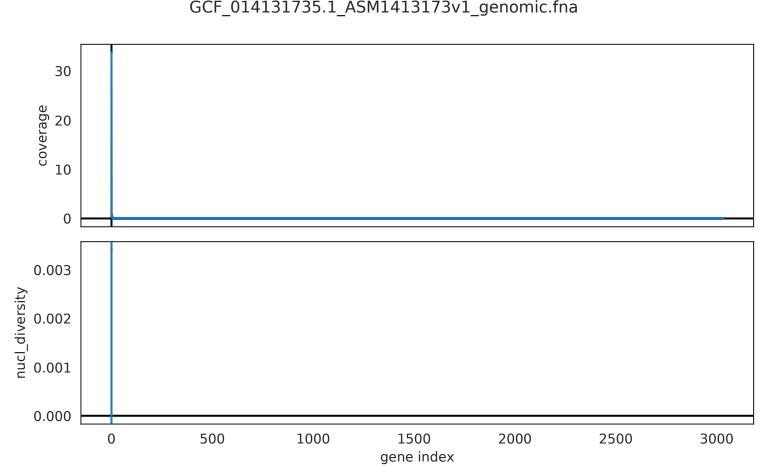










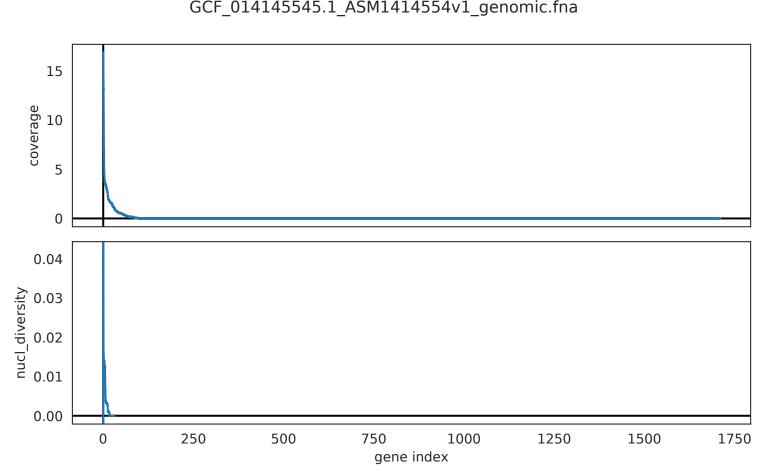


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gene index

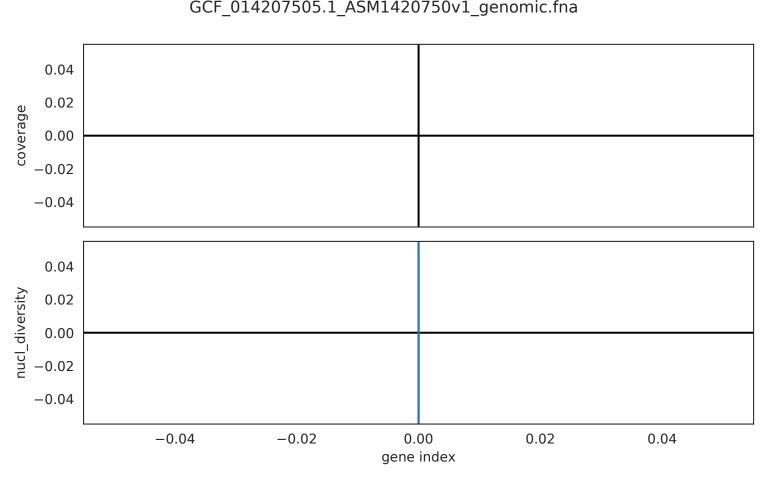
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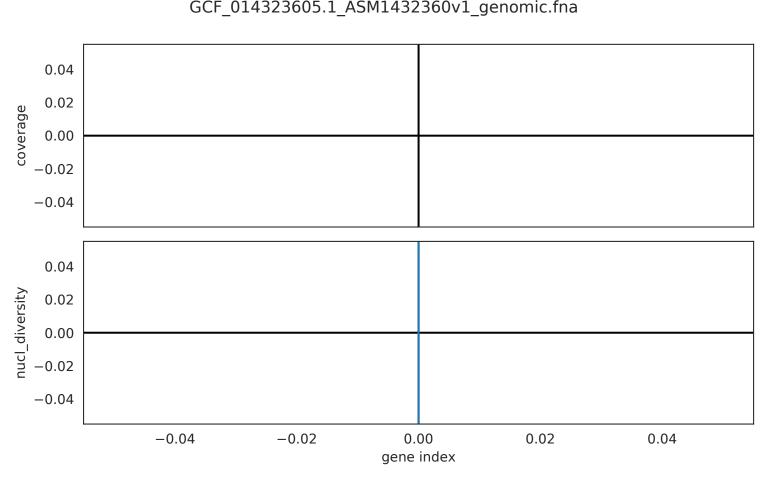
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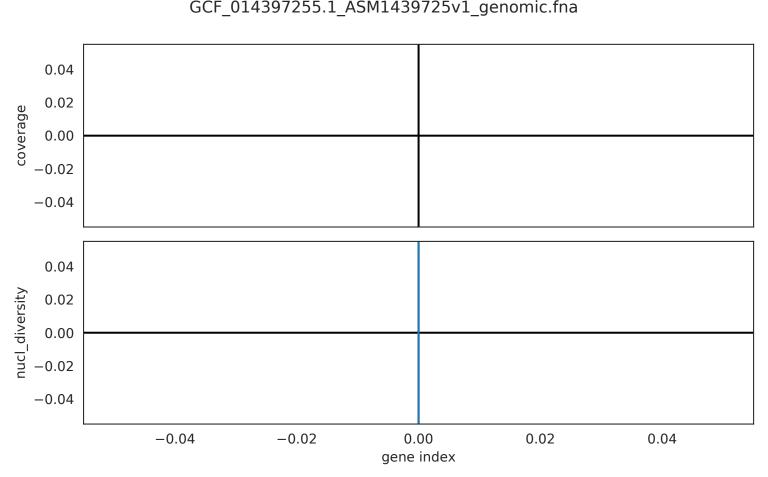


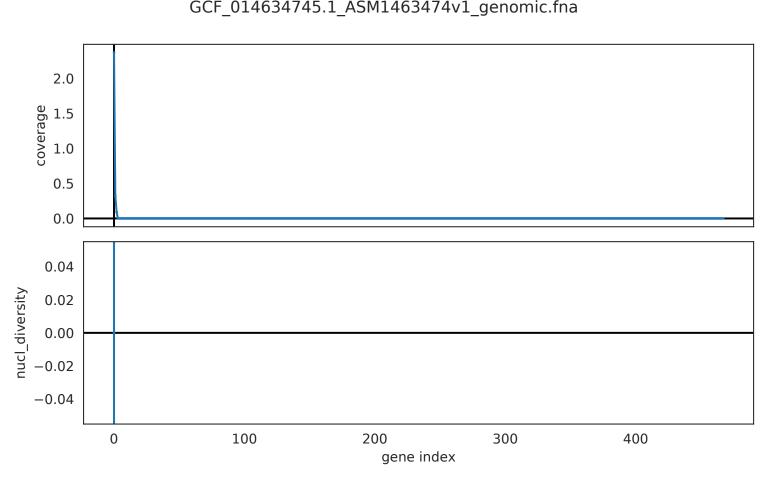
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gene index



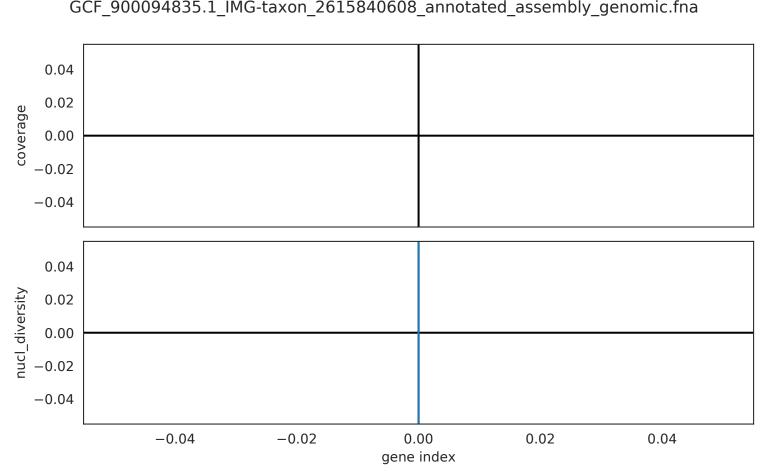




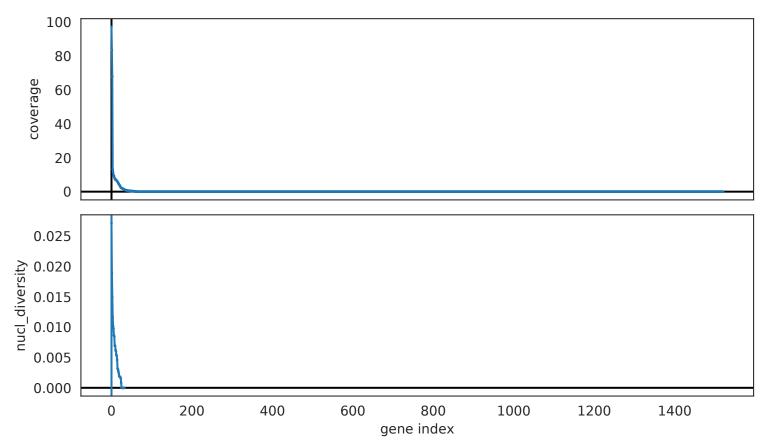


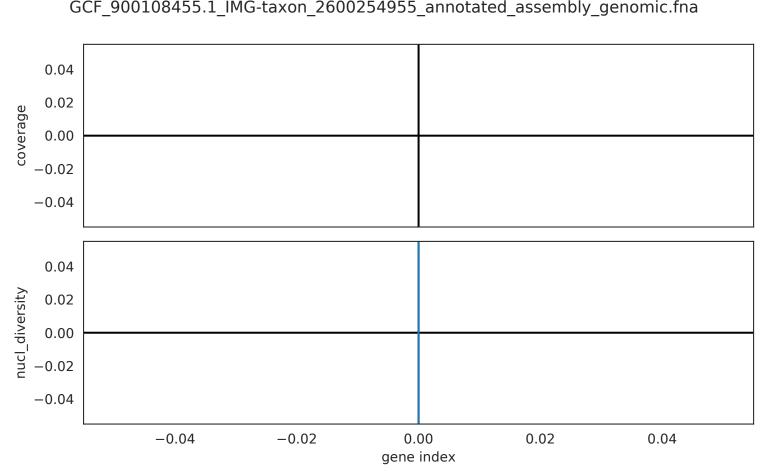
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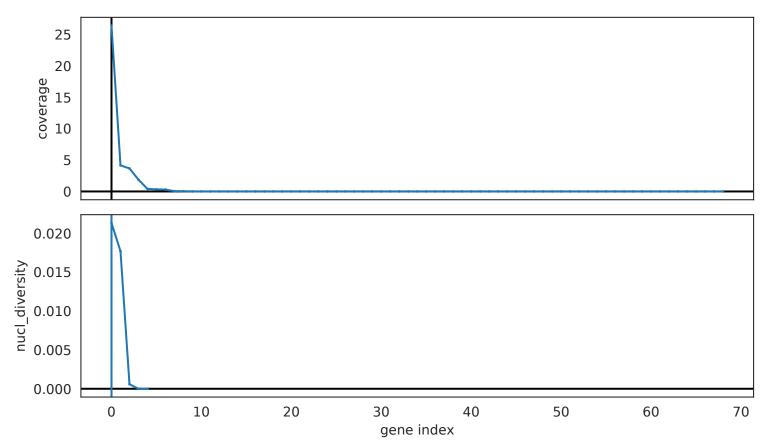


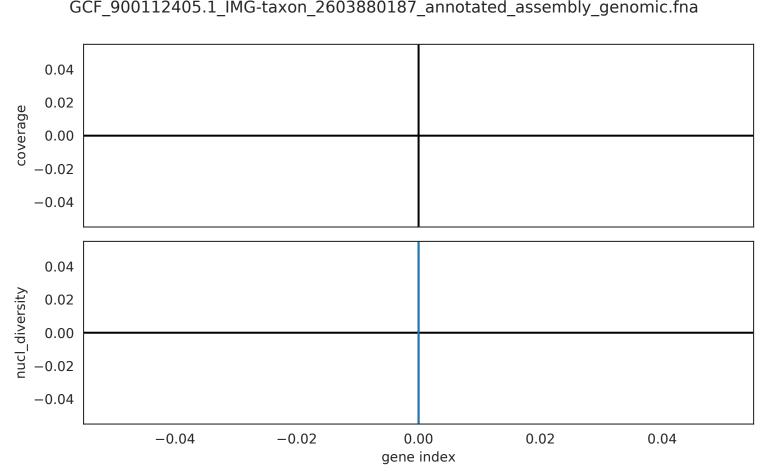
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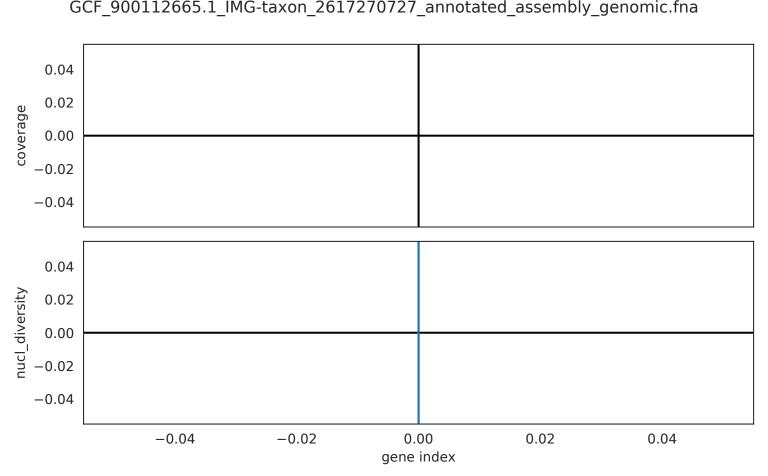


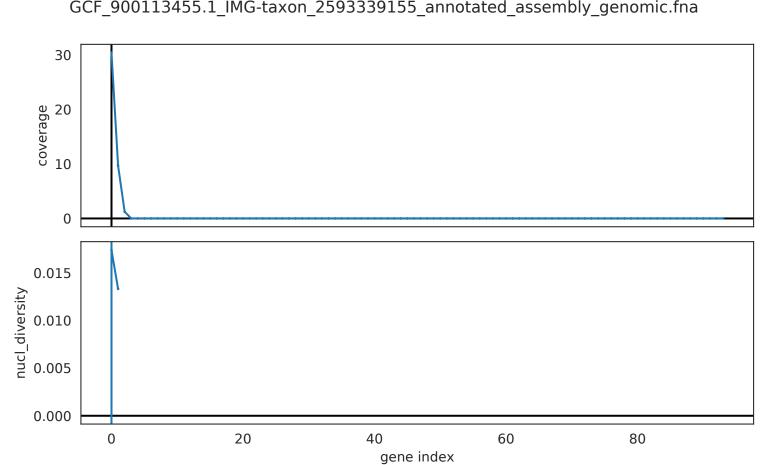


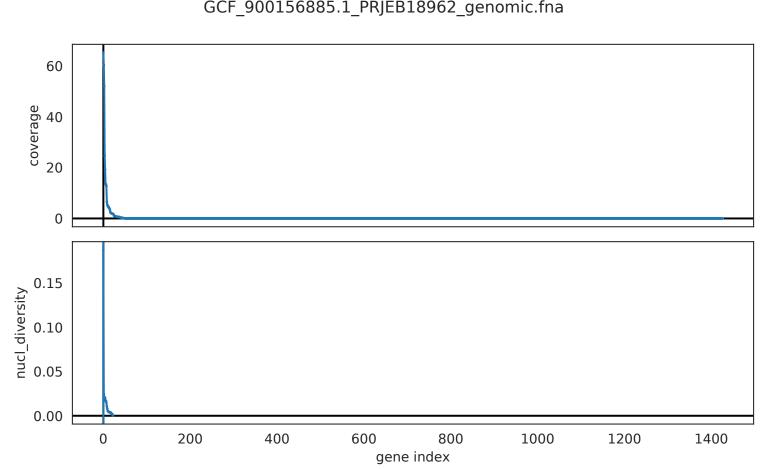
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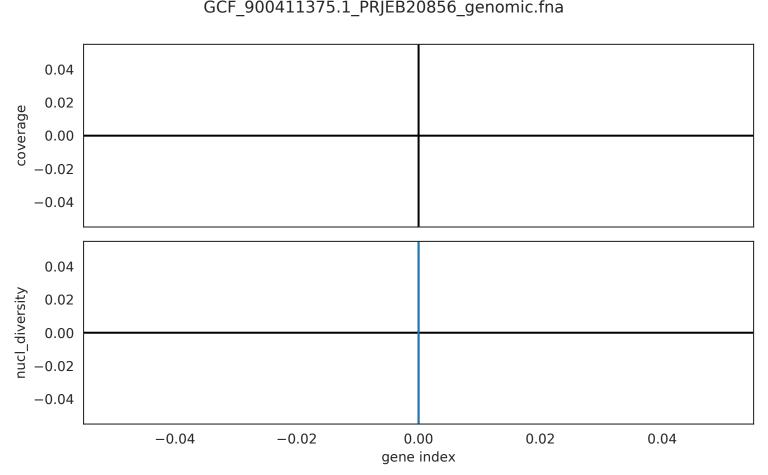


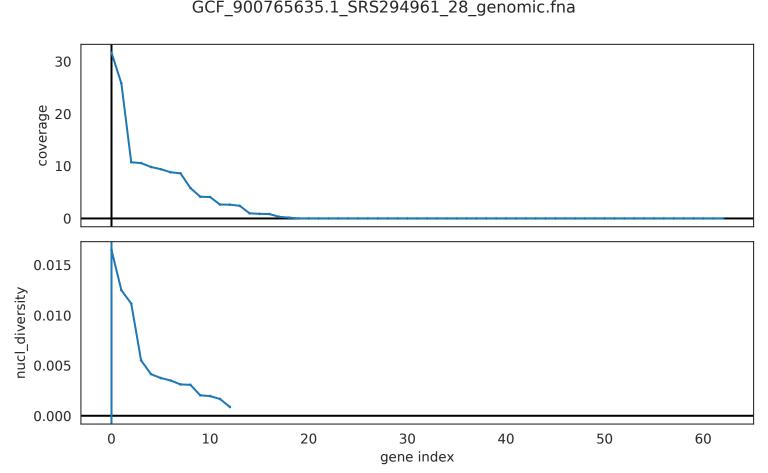




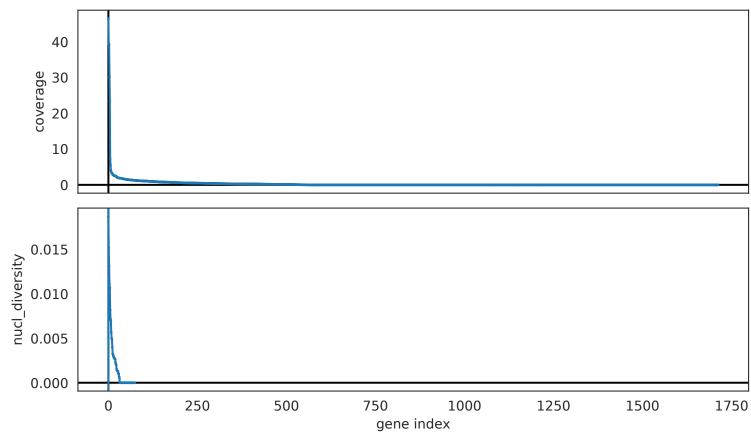


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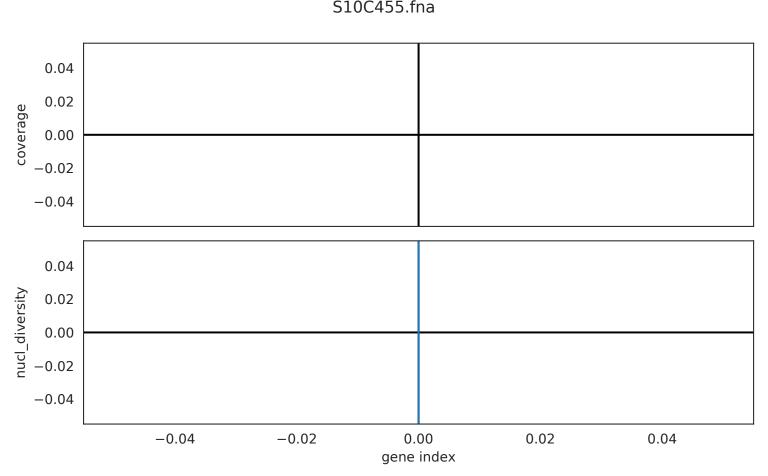


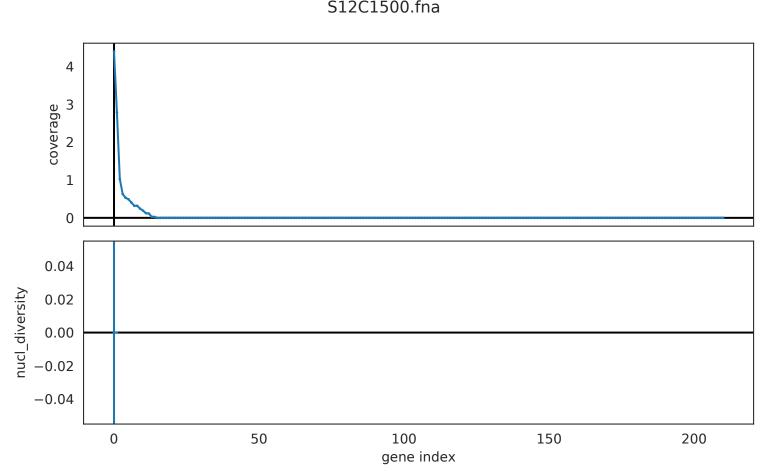
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S10C1297.fna

coverage 0.020 o.005 uncl-diversity 0.010 0.000 

S10C3913.fna





coverage 0.04 0.03 0.02 0.01 0.00 gene index

S13C2782.fna

6 coverage 5 P 0 0.025 0.020 nucl\_diversity 0.015 0.010 0.005 0.000

750

gene index

1000

1250

1500

1750

250

500

0

S14C1039.fna

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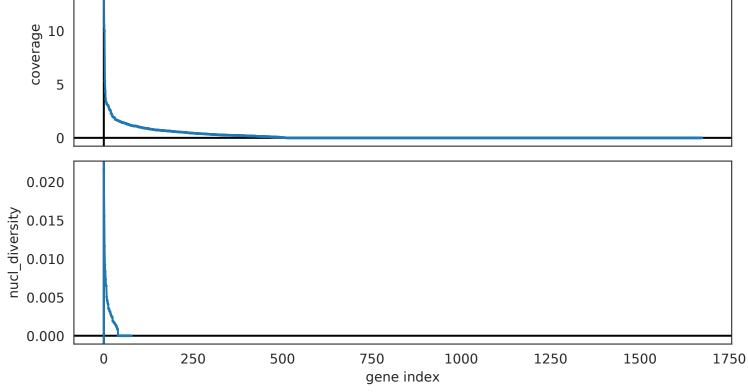
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coverage 0.06 nucl\_diversity 0.00 

S14C589.fna

15 coverage 10 5 0 0.020

S15C1039.fna



coverage 0.4 0.0 uncl\_diversity 0.1 0.1 0.0 gene index

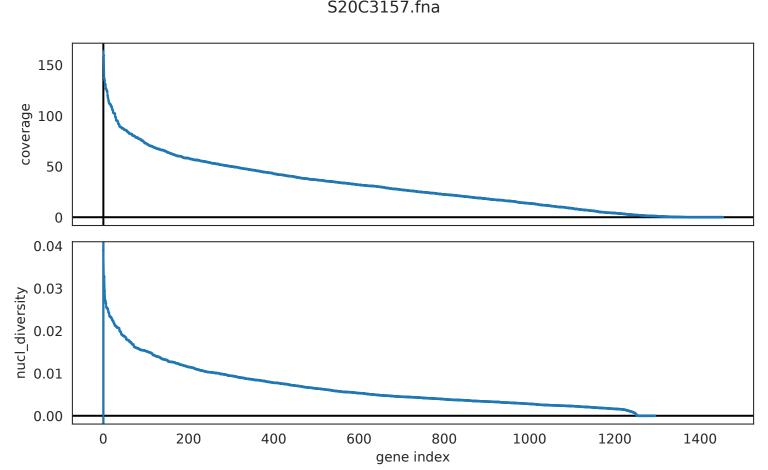
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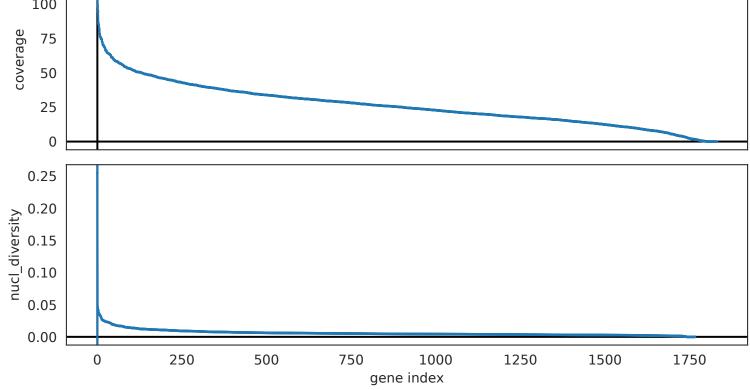
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S18C2441.fna

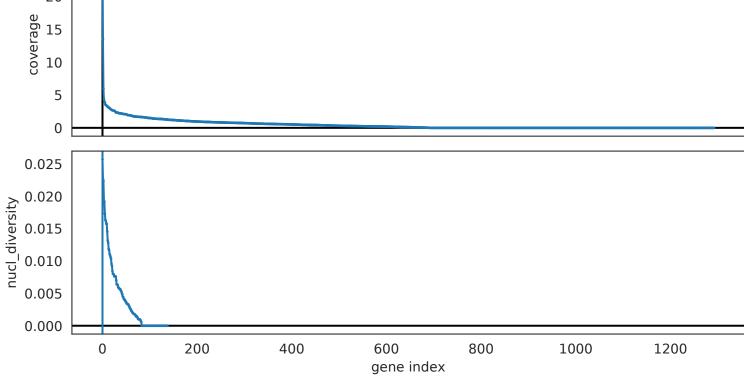


S24C362.fna coverage 



25 20 coverage 15 10 5 0 0.025 0.020 0.015

S28C2674.fna



coverage N E 0.008 uncl diversity 0.004 0.002 0.000

gene index

S2C1297.fna

60 coverage 40 20 0 0.05 0.04 nucl\_diversity 0.03 0.02 0.01 0.00 250 500 1000 750 1250 1500 1750 0 gene index

S2C205.fna

coverage 0.03 nucl\_diversity 0.00 gene index

S2C3320.fna

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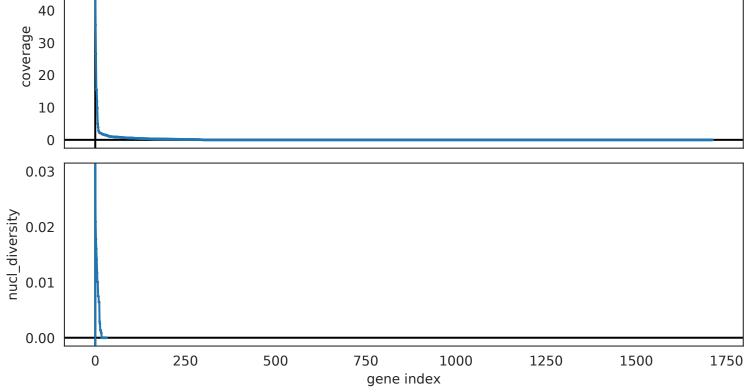
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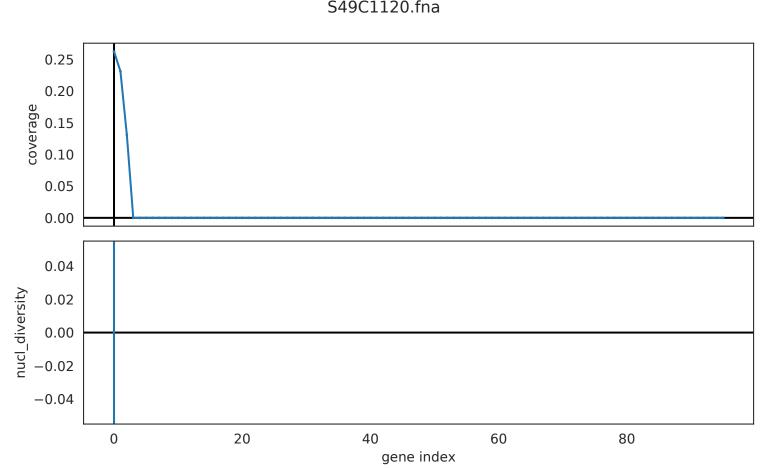
coverage 0.03 nucl\_diversity 0.00 gene index

S36C1134.fna

coverage 0.03

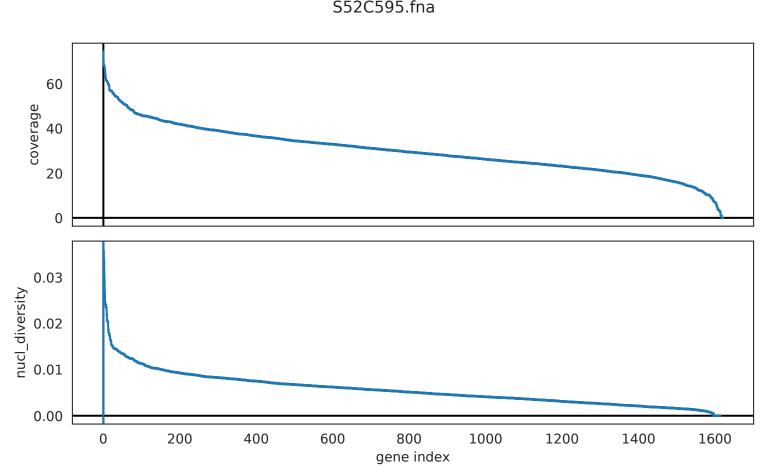
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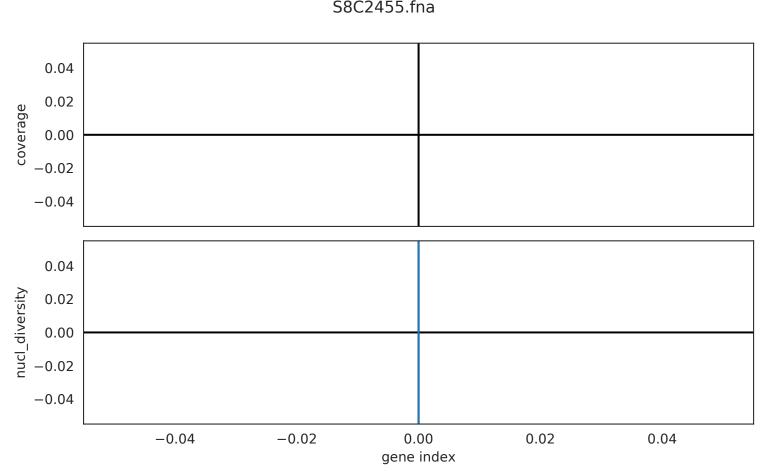
coverage 0.03 uncl diversity 0.02 0.01 0.00 gene index

S4C569.fna



coverage 0.03 nucl\_diversity 0.00 gene index

S5C1113.fna



5 4 coverage S 0 0.05 0.04 nucl\_diversity 0.03 0.02 0.01 0.00 200 400 600 800 1200 1000 0

S9C3913.fna