

m64152e\_220303\_222034/14/ccs

[read qual: 1.000/1.000] [# Passes: 18] [3170 bp] [Direction: Forward] [mas15v2 model score: -4555.55]  
[Segment order: Valid] [Key adapters: A B C D] [mas15v2 adapters: A B C D E F G H I J K L M N O P]

0 AGCTTACTTGTGAAGA TCTACACGACGCTCTCCGATCTACTCTCGTCTTCCAATATTCCACAAATTTCTTCTCAGCAGTTTATTCTAAAAGTTTAGCCTTACGCTAAATAAATGGGAACAAAAC T  
A (16/16) VENUS (22/23) CBC [16] UMI [10] BOREAS (7/13) cDNA [413]

150 AAAGCCAAATGCTGACATTTCAATAGTTCTAAAACCTTTGATTTCCGCGCTTAAAATTTAAATGATATATCAGTATCAAATACTAATGAGAACAAGGAAATGCTCAGCCAAATGGTTACTGTGTCCGTGTAGACCTTACACTGCTAGTA  
ACCTTGATCACTGACTTGTCCGTACTGCAGGCTGGGAGCTGACCTGTCTGTACCACTATATATATATATACACTTTTTTTTTTTTTTTAAGAGACAGGGTCTCACTCTGTTGTCCAGGCTCAACTGCAGTGGCATGATCATGGCTCACTG

300 CAGCCTCAAACCTTCTGAGCTCCAGCAATCCTCTGCCTCAGCCTCCTGAGTAGCTGGGACTACATGCCATGTACTCTGCGTTGATACCACTGCTTACTTGTAAAGCTGTCTACTACACGACGCTCTCCGATCTCATGCAAAAGAGCCTG  
Poly\_A (5/30) [32] MARS (25/25) B (16/16) VENUS (21/23) CBC [16]

450 ATTGGTTTCC TAGTTGAAAAGTTCTAAAGAAAAGCAGATCTGTGAGGCACAAACATTATTTCTCCAGAACCATAGGTAACCTCTGAACTGTGTTTGGGGTTTTATCTAAAGAAAAAAGTCTG  
UMI [10] BOREAS (7/13) cDNA [443]

600 CATTCTGCTCATCCATTTTCATGAAGCCTCCCTTGACATCCCATCTCAGGCTGTAGATGAAGGGGTTGAGTGGGAGTACCCTGTGTACACGACTGTTATAATGCGACCTTGGTCACTGAATAGCTGGAAAGGGGCCGGAAGTA  
GACCAACTGAGGGTGCCATAGAATATGGCCACCACAGTGAGGTGGGAGCCGAGGTAGAAAAGTTTTCCACCTCACTGTGGTGGCCATATTCTATGGCACCTCAGTTGGGTCTACTTCCGGCCCTTTCCAGCCTGGGCGACAGAGA

900 GAGACTCCCTCTCGGAAAAAATAAATTTTCATCCTACCAGAAAGTAGCCCTATATTCCTCTTCTAGTCACTCTCACTACCCCTTCCCCATGACTCTGCGTTGATACCACTGCTTACTCTGTTCAGGTCCTGATCTACACGACGCTC  
Poly\_A (18/30) [31] MARS (-23/25) C (16/16) VENUS (22/23)

1050 TTCCGATCTTCTTTGATCCAATCCCTCTATGAGCCCTTATTGAGTTGTGGTCTCGCTCTGTTGCCAGGCTGGAGTGCAGTGGCATGACCATGGCTCACTACAGCTCCAACCTCTGGGCTCAA  
CBC [16] UMI [10] BOREAS (7/13) cDNA [493]

1200 GCAATTATCCAACCTGAGCCACCTGAATAGCTGGGACTACAGGTGTAGGCCACCATGCCGGTACTTTTTTTTTTTTTTTAACTTTGTAGAGTTGGCGTCTCACTATGTTGCCAGGCTGGTCTCGAACTCTGCCTTCAAGTGATATT  
CCTGCCTTGGCCTCTCAAAGTGTGAGATTACAGGCATGAGCCATCATGCTCAGCCTAATATGATCTTAAATAAATACTAAAATGTATAGATTTTCTATTATCTTGTTAAGAAGCAACATGAGGGAAGAGTTATGGTAGAAGGACAGA

1500 CAGTTTGGCTCTCCTTTATAATGATTCTGAAAATACTACTTTACAGACAGTTTCTCAATTCTCCCTCAACCTTGATTCTACCTCACTAAGTACACTATTAGGACAAAAAAGTTATCATGGTGTGCAAATTTCCCATGACTCTGCTG  
Poly\_A (14/30) [32] MARS (5/25)

1650 GTTGATACCACTGCTTACTCCTCTCCAGAA TCTACACGACGCTCTCCGATCTTGATCCAGCACAAATTCTCTAACATATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGCGACTTCACATTTGCTAAATTGCAGTTTGGAGATT  
D (16/16) VENUS (21/23) CBC [16] UMI [10] BOREAS (7/13) cDNA [1277]

1800 CTTTCATGTGAAGTTGGAGGATCTGGCTGATTTCTTTGGGCATCTGATGAAACCATGTTTAGGTAGCTTGTGTCATAATAGTGATGGCTGACAGGTATGCTTCTACAGTTTTAGAGAAGGGCCAGAATCCATACAGCTTACATTTT  
TACACAGTTCCACTGCAACACTTGTGATCATCAAGCCGGTGGACAAGCGGTATGCAGTACACCTTTAGTTCTCAGAAAAGGGCCAGATCTTTCAGGTACTTGGGATGGAAAAATAGAACCCTTTGTCTTGCTTTAGACTCTTCGAGCG

2100 TGTAGTATACTTTGAAAGAGGTACCCGTGTTGGCCCTGAAGGAAAATGCTGGCAGAAGAAAAATGCATCTCCATAGGTTGCAATGTCTCCAGAAATAGGGCTTTTTTTTCTTTAAGTTCCCATATCTAAAAACGAAGTCGGATTTAT  
CTATTTCAAGTTCCACAGAGAGACTTATTGAAATCCCCATTTCCGACCACTGCACACTGATTATAAGGGTAGTCCACAAAAGGCTGGGACGTTCTTGGGAAGGAATTGATTTAGTACCATAACTGACAATTGGAAGAATCTTATTT

2400 GAGATGAAAAATGGCCGCTTCCACAAGCCTCAGTAATACTAAGCAGGAAGCCGAGTGTCTCATCTCATTGAAGAAGAGTCACTGAAACATATGAAAAATGTTCTTCTTAATTGGGATTTCTTTTTGCTTTCCACCTCGTAACTCA  
TATTAGTCCCAACTGGAGTGTTATTCTGAGAAACAACAAGTTTTGAACAGCATCACAGCAGGAAGCAAGTTGGCTCTAAAATTTGCATATTCTTCTGCTTGCCGTTCCATGGACAACCTGTATATCTGTGATAATCTGAAGGTAGT

2700 CGTTCTCTGAATAACCTTTGTTTTGTTAGAGAAAGACTCAATGCCATATTGCAGATTTTGCATTTCTCCGTCAGTTGGAGCGACTTCTCATTGAGATATGTGCTGTTAGTGGCGCGGGTACCAGGTCGCCGGGCTCCGGAGCGTCC  
TCAGCGCTGCGGGGGTCCGTTGGTGGCCTCCCTGCTTTCTCCACCAGAATCTGGCGCGCCGGGCGCGTCTGCCGGCACCAGAGCAGGCGCAGCAGCAGCAGCAGCAGGCTGGCGAGCAGGGCGAGCAGTGCCCCATGTA

3000 CTGCGTTGATACCACTGCTT 3170