

>DroMel seq6531\_2L\_21853080\_21853669 chr2L 21853080 21853669

DroMel GAA--CGAACC -G---TCGAA AAAGAAAGA- -GCCTCAGAG AAAATCTCAT GGACTGAAA

DroSim GAA--CGAACC G----TCGAA GAAGAAAGA- -GCCGCAGAG GAAATCTCAT GGACTGAAA

DroSec GAA--CGAACC CG---TCGAA GAAGAAGGA- -GCCGCAGAC GAAATCTCAT GGACTGAAA

DroYak GAA--CGGACC T---TTGAT AAAGAAAAA- -GCCCCAGAG GAAATTTTCAT GGACTGAAA

DroEre GAA--CGAATC TCGAATTGAA AAAGAAAGA- -GCCGCTGAG GAAATCTCAT GGACTGAAA

DroAna GATATCCATTC AAGATTCAAG AAAGAAGAAA TGCCGCTGAG AAGATCTCAT GGATGGAAA

DroMel A CCATAAATTT GATAATTGAC TTTCCACC-- ----AAAGGA A-AAGAAGCC AAAGGAACC

DroSim A CCATAAATTT GATAATTGAC TTTCCACC-- ----AAAGGA A-AAGAAACC GAAGGAACC

DroSec A AAATAAATTT GATAATTGAC TTTCCACC-- ----AAAGGA A-AAGAAACC GAAGGAACC

DroYak A CCATTAATTT GAAAATCGAC TTACAACC-- ----AACAGA AGAAGAAAAC AAAGGAACG

DroEre A CCATAAATTT GATAATTGAC TTTCCACC-- ----AA---A GGGAAAAACC GAAGGAACG

DroAna A CCATAAATTT GATAATTGAC TTTCCACCCA AATGAAAGAA GAAAGAACAG AAAGGAACC

DroMel G A----- ---AAAATTT CTATTGGCTT ACACAATCGA TGAAACACAT AAATCTTAA

DroSim G A----- ---AAAATTT CTATTGGCTT ACACAATCGA TGAAACACAT AAATCTTAA

DroSec G A----- ---AAAATTT ATATTGGCTT ACACAATCGA TGAAACACAT AAATCTTAA

DroYak G A----- ---AAAATGT CTATTGGTTT ACACAATCGA TGAAATACAT AAATCTTCA

DroEre G A----- ---AAAATTT CTATTTCTTG A-ACAATCGA TGAAACACAT AAATCTTCA

DroAna G ACAGAAAACA GAAAAACCCC CGATTGGCTT ACATAATCGA AGAAAAACAT AAATCTT-C

DroMel G TGAGGGAATT TAGAAAATCC AGCCA----C CTTAAATAGA CAACTGCAAA ACGGAAATG

DroSim G TGAGGGAATT TAGAAAATCC AGCCA----C CTTAAATAGA CAACTGCAAA ACGGAAATG  
DroSec G TGAGGTAATT TAGAAAATCC AGCCA----C CTTAAATAGA CAACTGCAAA ACGGAAATG  
DroYak G CG-GG----- -----TCAC CTTAAAGGAA CAAATGCAAA ACGGAAATG  
DroEre G CG-GGGGATT CAGAAAATCC AGTCAGTCAC CTTAAAAAGA CAACTGCAAA ACGGAAATG  
DroAna G ACGGGGCACC CAGAAAACCC AGTCACTCAC TTCATATCGA CAACTGCGAA ACGGAAATG  
  
DroMel T ACATCATAAA AATATTAAAA ATTCTCTGTC ATTCTTCTAA TATGGTCTTT TTGGACATT  
DroSim T ACATCATAAA AATATTAAAA ATTCTCTGTC ATTCTTCTAA TATGGTCTTT TTGGACATT  
DroSec C ACATCATAAA AATATTGAAA ATTCTCTGTC ATTCTTCTAA TATGGTCTTT TTGGACATT  
DroYak T ACATCATAAA AATATTAAAA ATTCTCTCCC ATTCTTCTAA TATTGTCTTT TTAGACATT  
6.3  
DroEre T ACATCATAAA AATATTAAAA ACTCTCCTCC ATTCTTCTAA TATTGTCTTT TTAGACATT  
6.9  
DroAna T GCATCATAAA AATATTAAAA A-CCGGAGAA ATTC----- --TGGCCTAT TCTTTGAGT  
  
DroMel C TTGGA----- --AAGATAAA AGTCGATGCC GGTGGCCGC CGTTCCAGTG CATTAGAGA  
DroSim C TTAGA----- --AAGATAAA AGTCGGTGCC GGTGGCCGC CGTTCCAGTG CATTAGAGA  
DroSec C TTAGA----- --AAGATAAA AGTCGGTGCC GGTGGCCGC CGTTCCAGTG CATTAGAGA  
DroYak C CTGGA----- --AAGATAAA AGTCAGTGCC GGTGGCCGT CGTTCCAGTG CATTAGAGA  
6.3  
DroEre C TTGGA----- --AAGATAAA AGTCGCTGCC GGTGGCCGT CGTTCCAGTG CATTAGAGA  
6.9  
DroAna C GTGGAGTGAA GAAAGAGAAA AGTCCGTACC GTCGGGGCGT CGTTCCAGTG CATTAGGA  
  
DroMel T CGCGTTT-AA AATGGTACCC CGATGGGCTG TCAAGGCCGT AAATCTAGAA TAGGGGCAC  
DroSim T CGCGTTT-AA AATGGTACCC CGATGGGCTG TCAAGGCCGT AAATCTAGAA TAGGGGCAC  
DroSec T CGCGTTT-AA AATGGTACCC CGATGGGCTG TCAAGGCCGT AAATCTAGAA TAGGGGCAC

DroYak T CGCGTTT-AA AATGGTACCC CGATGGGCTG CCAAGGCCGT AAATCTACAA AAGGGGCAC  
DroEre T CGCGTTT-AA AATGGTACCC CGATGGGCTG TCAAGGCCGT AAATCTAGAA AAGGGGCAC  
DroAna T AGCATTGGAA AATGGCAGTT CAATGGGCTG TCAAGGTCGT AAATCTGATA TAGGGGCAC  
  
DroMel T CTTTGCTGCC CTCTCGTGCA GCTCATGTA- TTTTCAT--- ----AATTTT C-ATATTTTC  
DroSim T CTTTGCTGCC CTCTCGTGCA GCTCATGTA- TTTTCAT--- ----AATTTT C-ATATTTTC  
DroSec T CTTTGCTGCC CTCTCGTGCA GCTCATGTA- TTTTCAT--- ----AATTTT C-ATATTTTC  
DroYak T CTTTGCTGCC CTCTCGTATA GCTCTAGTA- ATTTCATAAT TTTCA----- ---TATTTTC  
DroEre T CCTTGCTGCC CTCTCGT**GTA GCTCTCGTA**- ATTTCATAAT TTTCAATTTT C-ATATTTTC  
6.8  
DroAna A CTTGCTGCC CTCTCGTGTA GTTCTTGTA TTTTCATAAT TTTTCATATTT CCACATGGA  
  
DroMel T CCGTGGCTCA -GCAGCTGCG CGCCTGCGCT AAAGTGTCTG ACGGATGCGG CGCA-----  
DroSim T CAGTGGCT**CG** -GCAGCTGCG AGCCTGCGCA AAAGTATCTG ACGGATGCGG CGTA-----  
6.6  
DroSec T CAGTGGCT**CG** -GCAGCTGCG AGCCTGCGCA AAAGTATCTG ACGGATGCGG CGTA-----  
6.6  
DroYak T CTTTGGCT**CG** -GCAGCTGCG CGCCTGCGCC AAAGTGTTTG ACGGATGCGG CGCA-----  
6.6  
DroEre T TCCTGGCT**CG** -GCAGCTGCG CGCCTGCGCT AAAGTGTTTG ACGGATGCGG CGCA-----  
6.6  
DroAna C CGGCAGCGAG CGCAGCTGCG CGCCTGCGCA AATGTATCTG ACGGATGCGG CGCATAGCG  
  
DroMel - ----TTCGAT TTCGTTCTGC **CAAATTAGCC** GGGCCCCGTG ATTTATGTCTG TCCTTCTGG  
8.4  
DroSim - ----TTCGAT TTCGTTCTGC CAAATTAGAC GGGTCCCGTG ATTTATGGCG TCCTTCTGG  
DroSec - ----TTCGAT TTCGTTCTGC CAAATTAGAC GGGTCCCGTG ATTTATGTCT TCCTTCTGG  
DroYak - ----TTCAAT TTCGTTCTGC CAAATTAGCC AGGCTCTGTG ATTTATGTCTG TCCTTTTGG  
DroEre - ----TTCGAT TTCGTTCTGG **CAAATTAGCC** GGGCCCCGTG ATTTATGTCTG TCCTCCTGG  
8.4

DroAna C AGAGTTCGAT TTCGTTCTGC CAAATTAGCC CGGACCGGTG ATTTATGTCG TCCTTCC--

DroMel C TCTTTGGCCG TTTGTCCCTT TTAGCCAGTC CGCGTGA CTC GAGCGTTG

DroSim C CCTTTGGCCG TTTGGCCCTT TTAGCCAGTC CTCGTGA CTC GAGCGTTG

DroSec C CCTTTGGCCG TTTGGCCCTT TTAGCCAGTC CTCGTGA CTC GAGCGTTG

DroYak C CTTT----- TCAGTCAGTC CTCGTGA CTC GAGCGTTG

DroEre C CCTT-GGCCG TTTGGTCCTT TTAGCCAGAC CCCGTGA CTC GAGCGTTG

DroAna - -----ATATT CCAGCCTGTC TTCGTGA CTC GAGCGTTG