```
ngsai::KineticModel
 std::vector< std::pair
                              m pair index
 < size_t, size_t > >
                                                  ngsai::PairWiseKineticModel
                            m_histograms_ipd
                           m_histograms_pwd
std::vector< std::vector
                                                                                                       ngsai::PairWiseNormalized
                                                                                   m bckg model
 < hist 2d double > >
                                                                                                              KineticModel
                                                        ngsai::KmerMap
                                 m map
  std::vector< ngsai
   ::kmerBucket >
```