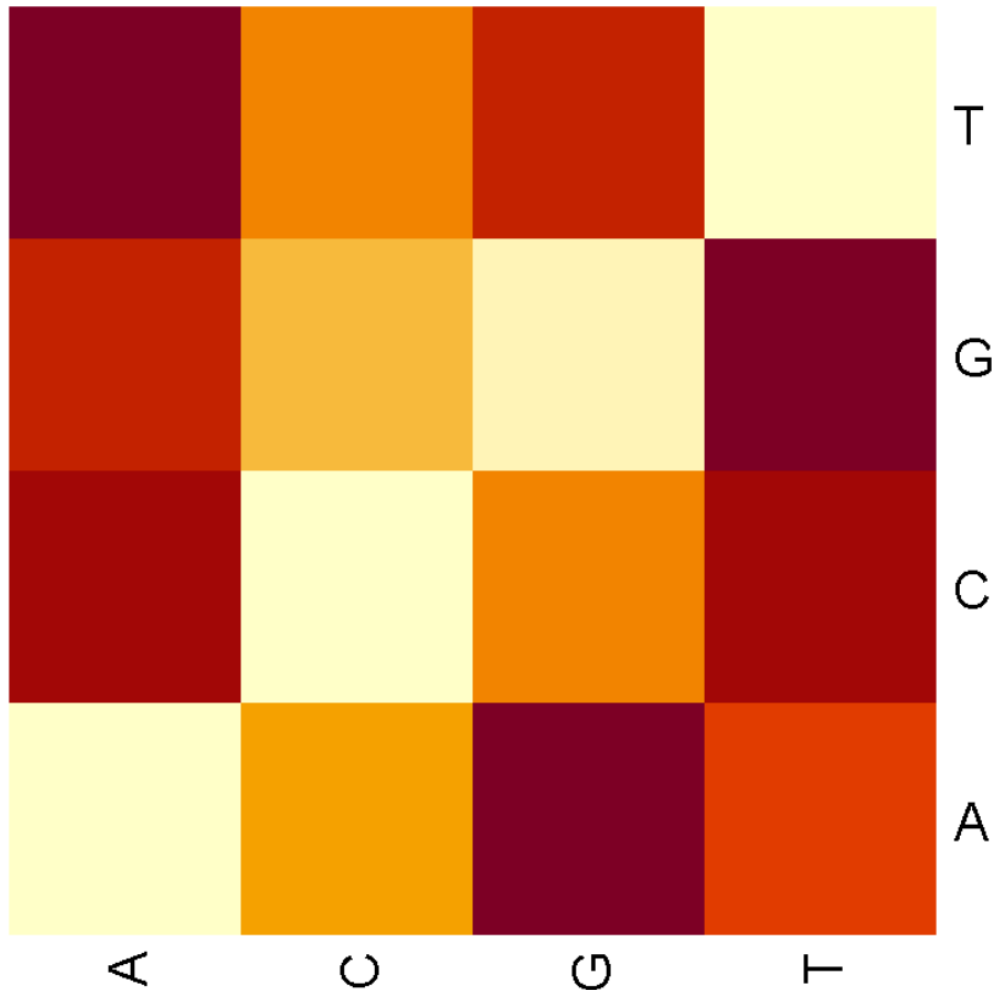


Estimations of the errors of base calling do not follow any pattern, meaning that they are uniformly distributed



Read length: >200b, Q-Scores: >20

- **Hypothesis**
 - Error rates differ between pyrimidines and purines
- **Method**
 - The errors describe the incorrect base calling by estimating different OTUs.
 - The resulting error matrix was then estimated by a machine learning algorithm.
 - The errors were standardized according to the OTU group, the later sum these probabilities up for every base
 - Y-axis shows the expected base at position N and X-axis the estimated error with which another base appears at position N.
 - Correct estimates were set to zero
- **Conclusions**
 - Errors seem to be uniformly distributed
 - Errors are not distinguishable between pyrimidines and purines