Supplemental Figure 1. A randomised 4-fold cross-validation method

Four categories based on the original diagnoses were applied: ABCA4-retinopathy, EYS-retinopathy, RP1L1-retinopathy, and normal. After preparation of images for the four-gene categories, patients/subjects were randomly split into training and test sets in a 3:1 ratio. A randomised 4-fold cross-validation method was applied to evaluate the accuracy of concordance (target: >80%) between the genetic diagnosis and the machine diagnosis and the fixed application program interface for the further testing procedure.