Supplemental Figure 2: The detailed filtration/selection flow of the examined images

1302 subjects from 729 families → 149 probands from 149 families

Fundus photograph

1107 images from 149 probands → 200 images from 102 probands

59 images from 30 subjects → 259 images from 132 patients/subjects

Fundus autofluorescence

1002 images from 149 probands → 115 images from 59 probands

43 images from 23 subjects → 158 images from 82 patients/subjects

417 images from 156 patients/subjects

The filtration/selection process includes: ① selecting three genes (ABCA4, EYS, RP11L1) based on disease prevalence, ② selecting one image from one eye by an expert, ③ selecting normal images by an expert (excluding images with inadequate dataset/quality), and ④ fixing the dataset for machine learning.