

**Supplementary Figure 3.**

The refraction distribution, refraction progression, and best-corrected visual acuity distribution of patients with pathogenic *ARR3* variants. (A) The scatter plot shows the spherical equivalent diopter distribution of 62 patients with available refraction data. (B) The line chart shows the refraction progression of eight follow-up patients. (C) The scatter diagram shows the cylinder diopter distribution of patients with *ARR3*-associated MYP26. (D) The scatter plot shows the best-corrected visual acuity distribution of 57 patients with available data.