

Supplementary table 5. Test for fitness of genetic models on pigment content in F₁

Traits	An (mg·g ⁻¹)	Ca (g·ml ⁻¹)	An/Ca
Model	B-2	B-2	B-2
U_1^2	0.0677 (0.7947)	0.0378 (0.8459)	0.5095 (0.4754)
U_2^2	0.1224 (0.7264)	0.2078 (0.6485)	0.7588 (0.3837)
U_3^2	0.1533 (0.6954)	1.1463 (0.2843)	0.5184 (0.4715)
nW_2	0.0600 (0.1834)	0.1233 (0.5125)	1.9830 (1.0000)
D_n	0.0031 (1.0000)	0.0031 (1.0000)	0.0031 (1.0000)

Note: U_1^2 , U_2^2 , U_3^2 refer to uniformity tests; nW_2 , the Smirnov test statistic; D_n , the Kolmogorov test statistic. The numbers in parentheses refer to probabilities.