

Supplementary Table S2. Significance tests for lab assayed leaf pigments in St. Augustinegrass Raleigh selfing population evaluated on September 21, 28, and October 12, 2023 at the Upper Mountain Research Station (Jackson Springs, NC).

	chla1			chlb1			caro1			antho1		
	Sum of Sq	Wald stat	<i>p</i> -value	Sum of Sq	Wald stat	<i>p</i> -value	Sum of Sq	Wald stat	<i>p</i> -value	Sum of Sq	Wald stat	<i>p</i> -value
Intercept	5,541.15	10,395.68	***	329.38	13,784.97	***	443.88	15,395.90	***	193,998.51	1,714.84	***
Rep	5.05	9.47	**	0.63	26.32	***	0.13	4.51	NS	3,093.41	27.34	***
Genotype	139.00	260.77	***	7.06	295.46	***	8.59	298.06	***	35,078.11	310.07	***
	chla2			chlb2			caro2			antho2		
	Sum of Sq	Wald stat	<i>p</i> -value	Sum of Sq	Wald stat	<i>p</i> -value	Sum of Sq	Wald stat	<i>p</i> -value	Sum of Sq	Wald stat	<i>p</i> -value
Intercept	8,107.82	9,044.60	***	279.60	8,289.74	***	623.33	10,685.39	***	687,028.83	349.69	***
Rep	5.09	5.68	NS	0.25	7.52	*	0.51	8.69	**	26,284.68	13.38	***
Genotype	226.68	252.87	***	8.21	243.31	***	14.22	243.71	***	731,690.62	372.42	***
	chla3			chlb3			caro3			antho3		
	Sum of Sq	Wald stat	<i>p</i> -value	Sum of Sq	Wald stat	<i>p</i> -value	Sum of Sq	Wald stat	<i>p</i> -value	Sum of Sq	Wald stat	<i>p</i> -value
Intercept	7,862.01	10,237.08	***	364.72	11,895.76	***	621.84	12,219.85	***	362,925.54	364.81	***
Rep	0.10	0.13	NS	0.06	1.96	NS	0.01	0.26	NS	5,303.69	5.33	NS
Genotype	168.40	219.28	NS	7.02	229.03	*	11.26	221.24	*	215,520.23	216.64	NS

***, **, and *, indicate significant at 0.001, 0.01, and 0.05 probability levels, respectively.