

Appendix 1. Segregation Analysis

	Phenocopy or diagnostic clarity is a minor concern		
	<u>Supporting</u>	<u>Moderate</u>	<u>Strong</u>
Likelihood	8:1	32:1	128:1
LOD Score	0.9	1.5	2.1
Autosomal recessive threshold	See Table below	See Table below	See Table below

		Phenocopy or diagnostic clarity is a minor concern											
		Unaffected Segregations											
		0	1	2	3	4	5	6	7	8	9	10	
Affected segregations	0	0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1	1.12	1.25	
	1	0.6	0.73	0.85	0.98	1.1	1.23	1.35	1.48	1.6	1.73	1.85	
	2	1.2	1.33	1.45	1.58	1.7	1.83	1.95	2.08	2.2	2.33	2.45	
	3	1.81	1.93	2.06	2.18	2.31	2.43	2.56	2.68	2.81	2.93	3.06	
	4	2.41	2.53	2.66	2.78	2.91	3.03	3.16	3.28	3.41	3.53	3.66	
	5	3.01	3.14	3.26	3.39	3.51	3.63	3.76	3.88	4.01	4.13	4.26	
	6	3.61	3.74	3.86	3.99	4.11	4.24	4.36	4.49	4.61	4.74	4.86	
	7	4.21	4.34	4.46	4.59	4.71	4.84	4.96	5.09	5.21	5.34	5.46	
	8	4.82	4.94	5.07	5.19	5.32	5.44	5.57	5.69	5.82	5.94	6.07	
	9	5.42	5.54	5.67	5.79	5.92	6.04	6.17	6.29	6.42	6.54	6.67	
	10	6.02	6.15	6.27	6.4	6.52	6.65	6.77	6.9	7.02	7.15	7.27	