

Inter-allelic interactions in the inheritance of physical-quality traits in peanut (*Arachis hypogaea* L.)

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Supplementary Table 1. Triple Test Cross (TTC) mating design

Sl. No.	Designation		Progeny
	Inbred	Tester	
1	GG 2 (I ₁)	TAG 24 (L ₁)	I ₁ × L ₁ (Single cross)
2	PBS 24030 (I ₂)		I ₂ × L ₁ (Single cross)
3	JL 24 (I ₃)		I ₃ × L ₁ (Single cross)
4	PBS 12160 (I ₄)		I ₄ × L ₁ (Single cross)
5	NRCG 1022 (I ₅)		I ₅ × L ₁ (Single cross)
6	NRCG 11535 (I ₆)		I ₆ × L ₁ (Single cross)
7	PBS 11049 (I ₇)		I ₇ × L ₁ (Single cross)
8	ICGV 98383 (I ₈)		I ₈ × L ₁ (Single cross)
9	Chico (I ₉)		I ₉ × L ₁ (Single cross)
10	GG 2 (I ₁)	TMV 2 NLM (L ₂)	I ₁ × L ₂ (Single cross)
11	PBS 24030 (I ₂)		I ₂ × L ₂ (Single cross)
12	JL 24 (I ₃)		I ₃ × L ₂ (Single cross)
13	PBS 12160 (I ₄)		I ₄ × L ₂ (Single cross)
14	NRCG 1022 (I ₅)		I ₅ × L ₂ (Single cross)
15	NRCG 11535 (I ₆)		I ₆ × L ₂ (Single cross)
16	PBS 11049 (I ₇)		I ₇ × L ₂ (Single cross)
17	ICGV 98383 (I ₈)		I ₈ × L ₂ (Single cross)
18	Chico (I ₉)		I ₉ × L ₂ (Single cross)
19	GG 2 (I ₁)	TAG 24 × TMV 2 NLM (Single cross, L ₃)	I ₁ × L ₃ (Three-way cross)
20	PBS 24030 (I ₂)		I ₂ × L ₃ (Three-way cross)
21	JL 24 (I ₃)		I ₃ × L ₃ (Three-way cross)
22	PBS 12160 (I ₄)		I ₄ × L ₃ (Three-way cross)
23	NRCG 1022 (I ₅)		I ₅ × L ₃ (Three-way cross)
24	NRCG 11535 (I ₆)		I ₆ × L ₃ (Three-way cross)
25	PBS 11049 (I ₇)		I ₇ × L ₃ (Three-way cross)
26	ICGV 98383 (I ₈)		I ₈ × L ₃ (Three-way cross)
27	Chico (I ₉)		I ₉ × L ₃ (Three-way cross)

Supplementary Table 2. Plant material for field evaluation

Category	Material	Sub-Total
Parents	L ₁ + L ₂ + 9 lines (I ₁ to I ₉)	11
Single crosses	(L ₃) + 9 single crosses (Sl.No.1-9) + 9	19

	single crosses (Sl.No.10-18)	
Three-way crosses	9 three-way crosses (Sl.No.19-27)	9
	Total progenies	39