

1. Arumuganathan K, Earle ED . 1991 . Nuclear DNA content of some important plant species . Plant Molecular Biology Reporter . 9 : 208 - 218 .
2. Samoluk SS, Chalup L, Robledo G, Seijo JG . 2015 . Genome sizes in diploid and allopolyploid *Arachis* L. species (section *Arachis*) . Genetic Resources and Crop Evolution . 62 : 747 - 763 .
3. Dhillon SS, Miksche JP . 1982 . DNA content and heterochromatin variations in various tissues of peanut (*Arachis hypogaea*) . American Journal of Botany . 69 : 219 - 226 .
4. Temsch EM, Greilhuber J . 2000 . Genome size variation in *Arachis hypogaea* and *A. monticola* re-evaluated . Genome . 43 : 449 - 451 .
5. Lavia GI . 2000 . Chromosome studies in wild *Arachis* (Leguminosae) . Caryologia . 53 : 277 - 281 .
6. Cai Q, Lu S, Chinnappa CC . 1987 . Analysis of karyotypes and Giemsa C-banding patterns in eight species of *Arachis* . Genome . 29 : 187 - 194 .
7. Singh AK, Moss JP . 1982 . Utilization of wild relatives in genetic improvement of *Arachis hypogaea* L. Part 2 : Chromosome complements of species in section *Arachis* . Theoretical and Applied Genetics . 61 : 305 - 314 .
8. Stalker HT, Dalmacio RD . 1986 . Karyotype analysis and relationships among varieties of *Arachis hypogaea* L. Cytologia . 51 : 617 - 629 .
9. Husted L . 1933 . Cytological studies of the peanut *Arachis*. I. Chromosome number and morphology . Cytologia . 5 : 109 - 117 .
10. Husted L . 1936 . Cytological Studies on the Peanut, *Arachis*. II. Chromosome number, morphology and behaviour, and their application to the problem of the cultivated forms . Cytologia . 7 : 396 - 423 .
11. Fernandez A, Krapovickas A . 1994 . Cromosomas y evolucioín en *Arachis* (Leguminosae) . Bonplandia . 8 : 187 - 220 .
12. Ressler PM, Stucky JM, Miksche JP . 1981 . Cytophotometric determination of the amount of DNA in *Arachis* L. sect. *Arachis* (Leguminosae) . American Journal of Botany . 68 : 149 - 153 .
13. Zhang L, Xu C, Yu W . 2012 . Cloning and characterization of chromosomal markers from a Cot-1 library of peanut (*Arachis hypogaea* L.) . Cytogenetics and Genome Research . 137 : 31 - 41 .
14. Raina SN, Mukai Y . 1999 . Detection of a variable number of 18S-5.8S-26S and 5S ribosomal DNA loci by fluorescent in situ hybridization in diploid and tetraploid *Arachis* species . Genome . 42 : 52 - 59 .

15. Kirti PB, Bharathi M, Murty UR, Rao NGP . 1983 . Chromosome morphology in three diploid species of *Arachis* and its bearing on the genomes of groundnut (*Arachis hypogaea* L.) . *Cytologia* . 48 : 139 - 151 .
16. Murty UR, Kirti PB, Bharathi M, Rao NGP . 1982 . Identification of the chromosome of groundnut, *Arachis hypogaea* L. *Cytologia* . 47 : 585 - 594 .
17. Raina SN, Mukai Y . 1999 . Genomic in situ hybridization in *Arachis* (Fabaceae) identifies the diploid wild progenitors of cultivated (*A. hypogaea*) and related wild (*A. monticola*) peanut species . *Plant Systematics and Evolution* . 214 : 251 - 262 .
18. Raina SN, Rani V, Kojima T, Ogihara Y, Singh KP, Devarumath RM . 2001 . RAPD and ISSR fingerprints as useful genetic markers for analysis of genetic diversity, varietal identification, and phylogenetic relationships in peanut (*Arachis hypogaea*) cultivars and wild species . *Genome* . 44 : 763- 772 .
19. Seijo JG, Lavia GI, Fernandez A, Krapovickas A, Ducasse D, Moscone EA, . 2004 . Physical mapping of the 5S and 18S - 25S rRNA genes by FISH as evidence that *Arachis duranensis* and *A. ipaensis* are the wild diploid progenitors of *A. hypogaea* (leguminosae) . *American Journal of Botany* . 91 : 1294 - 1303 .
20. Smartt J, Gregory WC, Gregory MP . 1978 . The genomes of *Arachis hypogaea*. 1. Cytogenetic studies of putative genome donors . *Euphytica* . 27 : 665 - 675 .
21. Kawakami J . 1930 . *Botanical Magazine (Tokyo)* . 44 : 319 - 328 .
22. Seijo G, Lavia GI, Fernandez A, Krapovickas A, Ducasse DA, Bertoli DJ, Moscone EA . 2007 . Genomic relationships between the cultivated peanut (*Arachis hypogaea*, leguminosae) and its close relatives revealed by double GISH . *American Journal of Botany* . 94 : 1963 - 1971 .
23. Kochert G, Halward T, Branch WD, Simpson CE . 1991 . RFLP variability in peanut (*Arachis hypogaea* L.) cultivars and wild species . *Theoretical and Applied Genetics* . 81 : 565 - 570 .
24. Herselman L . 2003 . Genetic variation among Southern African cultivated peanut (*Arachis hypogaea* L.) genotypes as revealed by AFLP analysis . *Euphytica* . 133 : 319 - 327 .
25. Lanham PG, Fennell S, Moss JP, Powell W . 1992 . Detection of polymorphic loci in *Arachis* germplasm using random amplified polymorphic DNAs . *Genome* . 35 : 885 - 889 .
26. Gimenes MA, Hoshino AA, Barbosa AVG, Palmieri DA, Lopes CR . 2007 . Characterization and transferability of microsatellite markers of the cultivated peanut (*Arachis hypogaea*) . *BMC Plant Biology* . 7 : doi: 10.1186/1471 - 2229 - 7 - 9 .
27. Liang X, Chen X, Hong Y, Liu H, Zhou G, Li S, Guo B . 2009 . Utility of EST-derived SSR in cultivated peanut (*Arachis hypogaea* L.) and *Arachis* wild species . *BMC Plant Biology* . 9 : doi: 10.1186/1471 - 2229 - 9 - 35 .
28. Creste S, Tsai SM, Valls JFM, Gimenes MA, Lopes CR . 2005 . Genetic characterization of Brazilian annual *Arachis* species from sections *Arachis* and *Heteranthe* using RAPD markers . *Genetic Resources and Crop Evolution* . 52 : 1079 - 1086 .

29. Seetharam A, Nayar KMD, Sreekantaradhya R, Achar DKT . 1973 . Cytological studies on the interspecific hybrid of *Arachis hypogaea* × *Arachis duranensis* . *Cytologia* . 38 : 277 - 280 .
30. Singh AK, Smartt J . 1998 . The genome donors of the groundnut/peanut (*Arachis hypogaea* L.) revisited . *Genetic Resources and Crop Evolution* . 45 : 113 - 116 .
31. Singh AK . 1988 . Putative genome donors of *Arachis hypogaea* (Fabaceae), evidence from crosses with synthetic amphidiploids . *Plant Systematics and Evolution* . 160 : 143 - 151 .
32. Barkley NA, Dean R, Pittman RN, Wang M, Holbrook CC, Pederson GA . 2007 . Genetic diversity of cultivated and wild-type peanuts evaluated with M13 -tailed SSR markers and sequencing . *Genetics Research* . 89 : 93 - 106 .
33. Paik- Ro OG, Smith RL, Knauft DA . 1992 . Restriction fragment polymorphism evaluation of six peanut varieties within the *Arachis* section . *Theoretical and Applied Genetics* . 84 : 201 - 208 .
34. Mallikarjuna N, Maheedhar G, Chandra S . 2005 . Genetic diversity among *Arachis* species based on RAPDs . *Indian Journal of Genetics* . 65 : 5 - 8 .
35. Spielman IV, Burge AP, Moss JP . 1979 . Chromosome loss and meiotic behaviour in interspecific hybrids in the genus *Arachis* L. and their implications in breeding for disease resistance. . *Zeitschrift fur Pflanzenzuchtung (Plant Breeding)* . 83 : 236 - 250 .
36. Husain F, Mallikarjuna N, Jadhav DR . 2008 . Pollen preservation and germination studies in *Arachis* species . *Indian Journal of Genetics* . 68 : 334 - 336 .
37. Kochert G, Stalker HT, Gimenes M, Galgaro L, Lopes CR, Moore K . 1996 . RFLP and cytogenetic evidence on the origin and evolution of allotetraploid domesticated peanut , *Arachis hypogaea* (Leguminosae) . *American Journal of Botany* . 83 : 1282 - 1291 .
38. Halward T, Stalker HT, Larue EA, Kochert G . 1991 . Genetic variation detectable with molecular markers among unadapted germplasm resources of cultivated peanut and related wild species . *Genome* . 34 : 1013 - 1020 .
39. Halward T, Stalker HT, Larue E, Kochert G . 1992 . Use of single - primer DNA amplifications in genetic studies of peanut (*Arachis hypogaea* L.) . *Plant Molecular Biology* . 18 : 315 - 325 .
40. He G, Prakash CG . 1997 . Identification of polymorphic DNA markers in cultivated peanut (*Arachis hypogaea* L.) . *Euphytica* . 97 : 143 - 149 .
41. Ferguson ME, Bramel PJ, Chandra S . 2004 . Genetic diversity among botanical varieties in peanut (*Arachis hypogaea* L.) . *Crop Science* . 44 : 1847 - 1854 .
42. Gimenes MA, Lopes CR, Galgaro ML, Valls JFM, Kochert G . 2002 . RFLP analysis of genetic variation in species of section *Arachis* , genus *Arachis*(Leguminosae) . *Euphytica* . 123 : 421 - 429 .
43. Subramanian V, Gurtu S, Rao RCN, Nigam SN . 2000 . Identification of DNA polymorphism in cultivated groundnut using random amplified polymorphic DNA (RAPD) assay . *Genome* . 43 : 656 - 660 .

44. Hilu KW, Stalker HT . 1995 . Genetic relationship between peanut and wild species of *Arachis* section *Arachis*(Fabaceae): evidence from RAPDs . *Plant Systematics and Evolution* . 198 : 167 - 178 .
45. Xiong F, Zhong R, Han Z, Jiang J, He L, Zhuang W, Tang R . 2011 . Start codon targeted polymorphism for evaluation of functional genetic variation and relationships in cultivated peanut (*Arachis hypogaea* L.) genotypes . *Molecular Biology Reports* . 38 : 3487 - 3494 .
46. Gimenes MA, Lopes CR, Valls JFM . 2002 . Genetic relationships among *Arachis* species based on AFLP . *Genetics and Molecular Biology* . 25 : 349 - 353 .
47. Hopkins MS, Casa AM, Wang T, Mitchell SE, Dean RE, Kochert GD, Kresovich S . 1999 . Discovery and characterization of polymorphic simple sequence repeats (SSRs) in cultivated peanut (*Arachis hypogaea*L.) . *Crop Science* . 39 : 1243 - 1247 .
48. Cuc LM, Mace ES, Crouch JH, Quang VD, Long TD, Varshney RK . 2008 . Isolation and characterization of novel microsatellite markers and their application for diversity assessment in cultivated groundnut (*Arachis hypogaea* L.) . *BMC Plant Biology* . 8 : doi: 10.1186 /1471 - 2229 - 8 - 55 .
49. Frimpong RO, Sriswathi M, Ntare BR, Dakora FD . 2015 . Assessing the genetic diversity of 48 groundnut (*Arachis hypogaea*L.) genotypes in the Guinea savanna agro- ecology of Ghana, using microsatellite-based markers . *African Journal of Biotechnology* . 14 : 2484 - 2493 .
50. Al - Saghir MG, Abdel- Salam ASG . 2015 . Genetic diversity of peanut (*Arachis hypogaea* L.) cultivars as revealed by RAPD markers . *American Journal of Plant Science* . 6 : 2303 - 2308 .
51. Bravo JP, Hoshino AA, Angelici C, Lopes CR, Gimenes MA . 2006 . Transferability and use of microsatellite markers for the genetic analysis of the germplasm of some *Arachis* section species of the genus *Arachis* . *Genetics and Molecular Biology* . 29 : 516 - 524 .
52. Molla MR, Islam MN, Rohman MM, Rahman L . 2010 . Microsatellite allele size profiling to determine varietal identity and genetic diversity among groundnut varieties in Bangladesh . *Nature and Science* . 8 : 123 - 129 .
53. Vyas D, Munot J, Maloo SR, Dashora A, Rajpurohit D . 2014 . RAPD based evaluation of genetic diversity in groundnut (*Arachis hypogaea* L.) genotypes . *Legume Research* . 37 : 26 - 31 .
54. Dwivedi SL, Gurtu S, Chandra S, Yuejin W, Nigam SN . 2001 . Assessment of genetic diversity among selected groundnut germplasm RAPD analysis . *Plant Breeding* . 120 : 345 - 349 .
55. Yuan M, Gong L, Meng R, Li S, Dang P, Guo B, He G . 2010 . Development of trinucleotide (GGC)<sub>n</sub> SSR markers in peanut (*Arachis hypogaea* L.) . *Electronic Journal of Biotechnology* . 13 : doi : 10.2225 .
56. Gautami B, Ravi K, Narasu ML, Hoisington DA, Varshney RK . 2009 . Novel set of groundnut SSR markers for germplasm analysis and interspecific transferability . *International journal of integrative biology* . 7 : 100 - 106 .

57. Moretzsohn MDC, Hopkins MS, Mitchell SE, Kresovich S, Valls JFM, Ferreira ME . 2004 . Genetic diversity of peanut (*Arachis hypogaea* L.) and its wild relatives based on the analysis of hyper variable regions of the genome . *BMC Plant Biology* . 4 : doi: 10.1186 /1471 - 2229 - 4 -11 .
58. Knauft DA, Gorbet DW . 1989 . Genetic diversity among peanut cultivars . *Crop Science* . 29 : 1417 - 1422 .
59. He G, Prakash CS . 2001 . Evaluation of genetic relationships among botanical varieties of cultivated peanut (*Arachis hypogaea* L.) using AFLP markers . *Genetic Resource and Crop Evolution* . 48 : 347 - 352 .
60. He G, Meng R, Newman M, Gao G, Pittman RN, Prakash CS . 2003 . Microsatellites as DNA markers in cultivated peanut (*A. hypogaea*L.) . *BMC Plant Biology* . 3 : doi:10.1186/1471- 2229- 3 - 3 .
61. Ferguson ME, Burow MD, Schulze SR, Bramel PJ, Paterson AH, Kresovich S, Mitchell S . 2004 . Microsatellite identification and characterization in peanut (*A. hypogaea* L.) . *Theoretical and Applied Genetics* . 108 : 1064 - 1070 .
62. Tang R, Gao G, He L, Han Z, Shan S, Zhong R, Zhou C, Jiang J, Li Y, Zhuang W . 2007 . Genetic diversity in cultivated groundnut based on SSR markers . *Journal of Genetics and Genomics* . 34 : 449 - 459 .
63. Huang L, Jiang H, Ren X, Chen Y, Xiao Y . 2012 . Abundant microsatellite diversity and oil content in wild *Arachis* species . *PLoS ONE* . 7 : doi:10.1371 / journal.pone.0050002 .
64. Cunha FB, Nobile PM, Hoshino AA, Moretzsohn MC, Lopes CR, Gimenes MA . 2008 . Genetic relationships among *Arachis hypogaea* L. (AABB) and diploid species with AA and BB genomes . *Genetic Resources and Crop Evolution* . 55 : 15 - 20 .
65. Kottapalli KR, Burow MD, Burow G, Burke J, Puppala N . 2007 . Molecular characterization of the U.S. peanut mini core collection using microsatellite markers . *Crop Science* . 47 : 1718 -1727 .
66. Khera P, Upadhyaya HD, Pandey MK, Roorkiwal M, Sriswathi M, Janila P, Guo YM, Mackain MR, Nagy ED, Knapp SJ, Mack JL, Conner JA, Akins PO, Varshney RK . 2013 . Single nucleotide polymorphism - based genetic diversity in the reference set of peanut (*Arachis* spp.) by developing and applying cost - effective kompetitive allele specific polymerase chain reaction genotyping assays . *The Plant Genome* . 6 : doi: 10. 3835 / plant genome2013.06.0019 .
67. Ren X, Jiang H, Yan Z, Chen Y, Zho X, Huang L, Lei Y, Huang J, Yan L, Qi Y, Wei W, Liao B . 2014 . Genetic diversity and population structure of the major peanut (*Arachis hyogaeal*.) cultivars grown in China by SSR markers . *PLoS ONE* . 9 : doi: 10. 1371 / journal.pone. 0088091 .
68. Roomi S, Sabiha B, Iqbal A, Suleman M, Muhammad I, Zia MA, Ahmad MZ, Rashid F, Ghafoor A, Tabbasam N . 2014 . SSR based genetic diversity analysis in a diverse germplasm of groundnut (*Arachis hypogaea* L.) from Pakistan . *Australian Journal of Crop Science* . 8 : 55 - 61 .
69. Lukanda LT, Nkongolo KKC, Narendrula R, Mbuyi AK, Kizungu RV . 2012 . Molecular characterization of groundnut (*Arachis hypogaea* L.) accessions from a gene pool: Application of gamma ray radiations . *Journal of Plant Breeding and Crop Science* . 4 : 175 - 183 .

70. Santos V S E D, Gimenes M A, Valls J FM , Lopes C R . 2003 . Genetic variation within and among species of five sections of the genus *Arachis* L. (Leguminosae) using RAPDs . *Genetic Resources and Crop Evolution* . 50 : 841 - 848 .
71. Wang H, Khera P, Huang B, Yuan M, Katam R, Zhuang W, Shultz KH, Moore KM, Culbreath AK, Zhang X, Varshney RK, Xie L, Guo B . 2015 . Analysis of genetic diversity and population structure of peanut cultivars and breeding lines from China, India and the US using simple sequence repeat markers . *Journal of Integrative Plant Biology* . 58 : 452 - 465 .
72. Xiong F, Liu J, Jiang J, Zhong R, He L, Han Z, Li Z, Tang X, Tang R . 2013 . Molecular profiling of genetic variability in domesticated groundnut (*Arachis hypogaea* L.) Based on ISJ,URP, and DAMD markers . *Biochemical Genetics* . 51 : 889 - 900 .
73. Jian G, Li -Feng L, Shun -Li C, Huan -Ying C, Xin -Yan W . 2012 . Studies on genetic diversity of peanut (*Arachis hypogaea* L.) varieties bred in Hebei, Shandong and Henan provinces . *Journal of Plant Genetic Resources* . 13 : 201 - 206 .
74. Varshney RK, Bertioli DJ, Moretzsohn MC, Vadez V, Krishnamurthy L, Aruna R, Nigam SN, Moss BJ, Seetha K, Ravi K, He G, Knapp SJ, Hoisington DA . 2009 . The first SSR -based genetic linkage map for cultivated groundnut (*Arachis hypogaea* L.) . *Theoretical and Applied Genetics* . 118 : 729 - 739 .
75. Moretzsohn MC, Barbosa AVG, Alves-Freitas DMT, Teixeira C, Leal -Bertioli SCM, Guimaraes PM, Pereira RW, Lopes CR, Cavallari MM, Valls JFM, Bertioli DJ, Gimenes MA . 2009 . A linkage map for the B - genome of *Arachis* (Fabaceae) and its synteny to the A - genome . *BMC Plant Biology* . 9 : doi: 10.1186 / 1471 - 2229 - 9 - 40 .
76. Halward T, Stalker HT, Kochert G . 1993 . Development of an RFLP linkage map in diploid peanut species . *Theoretical and Applied Genetics* . 87 : 379 - 384 .
77. Garcia GM, Stalker HT, Shroeder E, Lyerly JH, Kochert G . 2005 . A RAPD based linkage map of peanut based on a backcross population between the two diploid species *Arachis stenosperma* and *A. cardenasii* . *Peanut Science* . 32 : 1 - 8 .
78. Moretzsohn MC, Leoi L, Proite K, Guimaraes PM, Leal - Bertioli SCM, Gimenes MA, Martins WS, Valls JFM, Grattapaglia D, Bertioli DJ . 2005 . A microsatellite - based, gene - rich linkage map for the AA genome of *Arachis*(Fabaceae) . *Theoretical and Applied Genetics* . 111 : 1060 - 1071 .
79. Hong Y, Chen X, Liang X, Liu H, Zhou G, Li S, Wen S, Holbrook CC, Guo B . 2010 . A SSR -based composite genetic linkage map for the cultivated peanut (*Arachis hypogaea* L.)genome . *BMC Plant Biology* . 10 : doi: 10.1186 / 1471 - 2229 - 10- 17 .
80. Hong YB, Liang XQ, Chen XP, Liu HY, Zhou GY, Li SX, Wen SJ . 2008 . Construction of genetic linkage map based on SSR markers in peanut (*Arachis hypogaea* L.) . *Agriculture Science in China* . 7 : 915 - 921 .
81. Wang H, Penmetsa RV, Yuan M, Gong L, Zhao Y, Guo B, Farmer AD, Rosen BD, Gao J, Isobe S, Bertioli DJ, Varshney RK, Cook DR, He G . 2012 . Development and characterization of BAC - end sequence derived SSRs, and their incorporation into a new higherdensity genetic map for cultivated peanut (*Arachis hypogaea*L.) . *BMC Plant Biology* . 12 : doi:10.1186 / 1471 - 2229 - 12 - 10 .

82. Gautami B, Fonceka D, Pandey MK, Moretzsohn MC, Sujay V . 2012 . An international reference consensus genetic map with 897 markers loci based on 11 mapping populations for tetraploid groundnut (*Arachis hypogaea* L.) . PLoS ONE . 7 : doi: 10.1371 / journal. pone.0041213 .
83. Qin H, Feng S, Chen C, Guo Y, Knapp S, Culbreath A, He G, Wang ML, Zhang X, Holbrook CC, Akins PO, Guo B . 2012 . An integrated genetic linkage map of cultivated peanut (*Arachis hypogaea* L.) constructed from two RIL populations . Theoretical and Applied Genetics . 124 : 653 - 664 .
84. Zhou X, Xia Y, Ren Y, Chen Y, Huang Li, Huang S, Liao B, Lei Y, Yan L, Jiang H . 2014 . Construction of a SNP - based genetic linkage map in cultivated peanut based on large scale marker development using next - generation double - digest restriction - site - associated DNA sequencing (ddRADseq) . BMC Genomics . 15 : doi: 10. 1186 / 1471 - 2164 - 15 - 351 .
85. Shirasawa K, Bertoli DJ, Varshney RK, Moretzsohn MC, Leal-Bertoli SCM, Thudi M, Pandey MK, Rami JF, Fonceka D, Gowda MVC, Qin H, Guo B, Hong Y, Liang X, Hirakawa H, Tabata S, Isobe S . 2013 . Integrated consensus map of cultivated peanut and wild relatives reveals structures of the A and B genomes of *Arachis* and divergence of the legume genomes . DNA Research . 20 : 173 - 184 .
86. Yan-Bin H, Xuanqiang L, Xiao-Ping C, Hai -Yan L, Gui -Yuan Z, Shao-Xiong L, Shi - Jie W . 2009 . Construction of genetic linkage map in peanut (*Arachis hypogaea* L.) cultivars . Acta Agronomica Sinica . 35 : 395 - 402 .
87. Singh KP, Raina SN, Singh AK . 1996 . Variation in chromosomal DNA associated with the evolution of *Arachis* species . Genome . 39 : 890 - 897 .
88. Lavia GI, Fernandez A . 2008 . Genome size in wild and cultivated peanut germplasm . Plant Systematics and Evolution . 272 : 1 - 10 .
89. Ines LG, Fernandez A . 2004 . Karyotypic studies in *Arachis hypogaea*L. varieties . Caryologia . 57 : 353 - 359 .
90. He GH, Meng RH, Gao H, Guo BZ, Gao GQ, Newman M, Pittman RN, Prakash CS . 2005 . Simple sequence repeat markers for botanical varieties of cultivated peanut (*Arachis hypogaea* L.) . Euphytica . 142 : 131 - 136 .
91. Grabiele M, Chalup L, Robledo G, Seijo G . 2012 . Genetic and geographic origin of domesticated peanut as evidenced by 5S rDNA and chloroplast DNA sequences . Plant Systematics and Evolution . 298 : 1151 - 1165 .
92. Gregory WC, Krapovickas A, Gregory MP . 1980 . Structure, variation, evolution, and classification in *Arachis*- In Summerfield .: 469 - 481. R J and Bunting AH . Advances in legume science . Royal Botanic Gardens,Kew . Richmond
93. Smartt J, Stalker HT . 1982 . Speciation and cytogenetics in *Arachis* .: 21 - 49. Pattee HE and Young CT . Peanut science and technology . American Peanut Research and Education Society . Yoakum /TX
94. Krishna TG, Mitra R . 1988 . The probable genome donors to *Arachis hypogaea* L. based on arachin seed storage protein . Euphytica . 37 : 47 - 52 .
95. Singh AK, Sivaramakrishnan S, Mengesha MH, Ramaiah CD . 1991 . Phylogenetic relations in section *Arachis* based on seed protein profile . Theoretical and Applied Genetics . 82 : 593 - 597 .

96. Lavia GL, Fernandez A, Simpson CE, Seijo G . 2001 . Meiotic analysis in wild diploid *Arachis* species . *Cytologia* . 66 : 293 - 298 .
97. Stalker HT, Dalmacio RD . 1981 . Chromosomes of *Arachis* species, section *Arachis* . *Journal of Heredity* . 72 : 403 - 408 .
98. Stalker HT, Dhesi JS, Parry DC . 1991 . An analysis of the B genome species *Arachis batizocoi*(Fabaceae) . *Plant Systematics and Evolution* . 174 : 159 - 169 .
99. Leal -Bertioli SCM, Santos SP, Dantas KM, Inglis PW, Nielen S, Araujo ACG, Silva JP, Cavalcante U, Guimaraes PM, Brasileiro ACM, Garcia NC, Penmetsa RV, Cook D, Moretzsohn MC, Bertioli DJ . 2015 . *Arachis batizocoi*: a study of its relationship to cultivated peanut (*A. hypogaea*) and its potential for introgression of wild genes into the peanut crop using induced allotetraploids . *Annals of Botany* . 115 : 237 - 249 .
100. Robledo G, Seijo G . 2010 . Species relationships among the wild B genome of *Arachis* species (section *Arachis*) based on FISH mapping of rDNA loci and heterochromatin detection: a new proposal for genome arrangement . *Theoretical and Applied Genetics* . 121 : 1033 - 1046 .
101. Stalker HT . 1991 . A new species in section *Arachis* of peanuts with D genome . *American Journal of Botany* . 78 : 630 - 637 .
102. Jung S, Tate PL, Horn R, Kochert G, Moore K, Abbott AG . 2003 . The phylogenetic relationship of possible progenitors of the cultivated peanut . *Journal of Heredity* . 94 : 334 - 340 .
103. Favero AP, Simpson CE, Valls JFM, Vello NA . 2006 . Study of the evolution of cultivated peanut through crossability studies among *A. ipaensis*, *A.duranensis*, and *A. hypogaea* . *Crop Science* . 46 : 1546 - 1622 .
104. Gregory MP, Gregory WC . 1979 . Exotic gremlasm of *Arachis L.* interspecific hybrids . *Journal of Heredity* . 70 : 185 - 193 .
105. Moretzsohn MC, Gouvea EG, Inglis PW, Leal -Bertioli SCML, Valls JFM, Bertioli DJ . 2013 . A study of the relationships of cultivated peanut (*Arachis hypogaea*) and its most closely related wild species using intron sequences and microsatellite markers . *Annals of Botany* . 111 : 113 - 126 .
106. Robledo G, Lavia GI, Seijo G . 2009 . Species among wild *Arachis* species with the A genome as revealed by FISH mapping of rDNA loci and heterochromatin detection . *Theoretical and Applied Genetics* . 118 : 1295 - 1307 .
107. Singh AK . 1986 . Utilization of wild relatives in the genetic improvement of *Arachis hypogaea L.* 8. Synthetic amphidiploids and their importance in interspecific breeding . *Theoretical and Applied Genetics* . 72 : 433 - 439 .
108. Temsch EM, Greilhuber J . 2001 . Genome size in *Arachis duranensis*: a critical study . *Genome* . 44 : 826 - 830 .
109. Ressler PM, Gregory WC . 1979 . A cytological study of three diploid species of the genus *Arachis L.* . *The Journal of Heredity* . 70 : 13 - 16 .
110. Stalker HT, Dhesi JS, Kochert G . 1995 . Genetic diversity within the species *Arachis duranensis*Krapov. & W. C. Gregory, a possible progenitor of cultivated peanut . *Genome* . 38 : 1201 - 1212 .



111. Nagy ED, GuoY, Tang S, Bowers JE, Okashah RA, Taylor CA, Zhang D, Khanal S, Heesacker AF, Khalilian N, Andrew D, Farmer AD, Garcia NC, Penmetsa RV, Cook D, Stalker HT, Nielsen N, Akins PO, Knapp SJ . 2012 . A high - density genetic map of *Arachis duranensis*, a diploid ancestor of cultivated peanut . *BMC Genomics* . 13 : doi: 10. 1186/ 1471 - 2164 - 13 - 469 .
112. Rodriguez V, Seijo JG, Lavia GI, Fernandez A, Charles E, Simpson CE . 2004 . Meiotic behaviour in wild diploid *Arachis*(Leguminosae) species . *Cytologia* . 69 : 209 - 214 .
113. Smartt JS, Gregory WC . 1967 . Interspecific cross compatibility between the cultivated peanut *Arachis hypogaea* L. and other members of the genus *Arachis* . *Oleagineux* . 22 : 455 - 459 .
114. Lu J, Pickersgill B . 1993 . Isozyme variation and species relationships in peanut and its wild relatives (*Arachis* L. - Leguminosae) . *Theoretical and Applied Genetics* . 85 : 550 - 560 .
115. Penalzoa ADPDS, Valls JFM . 2005 . Chromosome number and satellited chromosome morphology of eleven species of *Arachis* (Leguminosae) . *Bonplandia* . 14 : 65 - 72 .
116. Lavia GI . 1996 . Estudios cromosomicos en *Arachis*(Leguminosae) . *Bonplandia* . 9 : 111 - 120 .
117. Silvestri MC, Orti AM, Lavia GI . 2015 . rDNA loci and heterochromatin positions support a distinct genome type for 'x = 9 species' of section *Arachis*(*Arachis*, Leguminosae) . *Plant Systematics and Evolution* . 301 : 555 - 562 .
118. Lavia GI . 1998 . Karyotypes of *Arachis palustris* and *A. praecox* (Section *Arachis*), two species with basic chromosome number x = 9 . *Cytologia* . 63 : 177 - 181 .
119. Lavia GI, Ortiz AM, Fernandez A . 2009 . Karyotypic studies in wild germplasm of *Arachis* (Leguminosae) . *Genetic Resources and Crop Evolution* . 56 : 755 - 764 .
120. Robledo G, Seijo G . 2008 . Characterization of the *Arachis*(Leguminosae) D genome using fluorescence in situ hybridization (FISH) chromosome markers and total genome DNA hybridization . *Genetics and Molecular Biology* . 31 : 717 - 724 .
121. Robledo G, Lavia GI, Seijo G . 2010 . Genome re - assignment of *Arachis trinitensis* (Sect.*Arachis*, Leguminosae) and its implications for the genetic origin of cultivated peanut . *Genetics and Molecular Biology* . 33 : 714 - 718 .
122. Bechara MD, Moretzsohn MC, Palmieri DA, Monteiro JP, Bacci MJr, Martins JJr, Valls JFM, Lopes CR, Gimenes MA . 2010 . Phylogenetic relationships in genus *Arachis* based on ITS and 5.8S rDNA sequences . *BMC Plant Biology* . 10 : doi: 10. 1186 / 1471 - 2229 - 10 - 255 .
123. Koppolu R, Upadhyaya HD, Dwivedi SL, Hoisington DA, Varshney RK . 2010 . Genetic relationships among seven sections of genus *Arachis* studied by using SSR markers . *BMC Plant Biology* . : doi: 10. 1186 / 1471 - 2229 - 10 - 15 .

124. Milla SR, Isleib TG, Stalker HT . 2005 . Taxonomic relationships among *Arachis* sect. *Arachis* species as revealed by AFLP markers . *Genome* . 48 : 1 - 11 .
125. Friend SA, Quandt D, Tallury SP, Stalker HT, Hilu KW . 2010 . Species, genomes and section relationships in the genus *Arachis* (Fabaceae): a molecular phylogeny . *Plant Systematics and Evolution* . 290 : 185 - 199 .
126. Wang CT, Wang XZ, Tang YY, Chen DX, Cui FG, Zhang JC, Yu SL . 2011 . Phylogeny of *Arachis* based on internal transcribed spacer sequences . *Genetic Resources and Crop Evolution* . 58 : 311 - 319 .