

Craig F Morris

List of Publications by Year in descending order

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times ranked

2568
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing the Versatility of Durum Wheat through Modifications of Protein and Starch Composition and Grain Hardness. <i>Foods</i> , 2022, 11, 1532.	4.3	16
2	Roller milling performance of dry yellow split peas: Mill stream composition and functional characteristics. <i>Cereal Chemistry</i> , 2021, 98, 462-473.	2.2	7
3	Soft durum wheat as a potential ingredient for direct expanded extruded products. <i>Journal of Cereal Science</i> , 2021, 98, 103184.	3.7	2
4	The antimicrobial properties of the puroindolines, a review. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 86.	3.6	14
5	Physical Mapping of Peroxidase Genes and Development of Functional Markers for TaPod-D1 on Bread Wheat Chromosome 7D. <i>Frontiers in Plant Science</i> , 2019, 10, 523.	3.6	8
6	Genetic analysis of a unique "super soft"™ kernel texture phenotype in soft white spring wheat. <i>Journal of Cereal Science</i> , 2019, 85, 162-167.	3.7	15
7	Mapping kernel texture in a soft durum (<i>Triticum turgidum</i> subsp. <i>durum</i>) wheat population. <i>Journal of Cereal Science</i> , 2019, 85, 20-26.	3.7	10
8	Wheat breeding for quality: A historical review. <i>Cereal Chemistry</i> , 2018, 95, 17-34.	2.2	79
9	Structural consequences of the interaction of puroindolines with gluten proteins. <i>Food Chemistry</i> , 2018, 253, 255-261.	8.2	19
10	Relationships between Falling Number, α -amylase activity, milling, cookie, and sponge cake quality of soft white wheat. <i>Cereal Chemistry</i> , 2018, 95, 373-385.	2.2	32
11	Regarding Neapolitan Pizza "Pizza Napoletana". <i>Cereal Chemistry</i> , 2018, 95, 365-366.	2.2	0
12	Evaluation of commercial α -amylase enzyme-linked immunosorbent assay (ELISA) test kits for wheat. <i>Cereal Chemistry</i> , 2018, 95, 206-210.	2.2	3
13	Genetic analysis of kernel texture (grain hardness) in a hard red spring wheat (<i>Triticum aestivum</i> L.) bi-parental population. <i>Journal of Cereal Science</i> , 2018, 79, 57-65.	3.7	25
14	Influence of Soft Kernel Texture on Fresh Durum Pasta. <i>Journal of Food Science</i> , 2018, 83, 2812-2818.	3.1	11
15	Determinants of wheat noodle color. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 5171-5180.	3.5	42
16	Microwave fixation enhances gluten fibril formation in wheat endosperm. <i>Cereal Chemistry</i> , 2018, 95, 536-542.	2.2	0
17	Color characteristics of white salted, alkaline, and egg noodles prepared from <i>Triticum aestivum</i> L. and a soft kernel durum <i>T. turgidum</i> ssp. <i>durum</i> . <i>Cereal Chemistry</i> , 2018, 95, 747-759.	2.2	9
18	Genetic Dissection of End-Use Quality Traits in Adapted Soft White Winter Wheat. <i>Frontiers in Plant Science</i> , 2018, 9, 271.	3.6	43

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19	Development of haplotype-specific molecular markers for the low-molecular-weight glutenin subunits. <i>Molecular Breeding</i> , 2018, 38, 1.	2.1	5
20	Evidence of intralocus recombination at the Glu-3 loci in bread wheat (<i>Triticum aestivum</i> L.). <i>Theoretical and Applied Genetics</i> , 2017, 130, 891-902.	3.6	9
21	Identification of SNPs, QTLs, and dominant markers associated with wheat grain flavor using genotyping-by-sequencing. <i>Journal of Cereal Science</i> , 2017, 76, 140-147.	3.7	3
22	Lexicon Development, Consumer Acceptance, and Drivers of Liking of Quinoa Varieties. <i>Journal of Food Science</i> , 2017, 82, 993-1005.	3.1	48
23	Definition of the low molecular weight glutenin subunit gene family members in a set of standard bread wheat (<i>Triticum aestivum</i> L.) varieties. <i>Journal of Cereal Science</i> , 2017, 74, 263-271.	3.7	27
24	Changes in the phenolic acids composition during pancake preparation: Whole and refined grain flour and processed food classification by UV and NIR spectral fingerprinting method—Proof of concept. <i>Journal of Food Composition and Analysis</i> , 2017, 60, 10-16.	3.9	14
25	Influence of Soft Kernel Texture on the Flour, Water Absorption, Rheology, and Baking Quality of Durum Wheat. <i>Cereal Chemistry</i> , 2017, 94, 215-222.	2.2	22
26	Influence of Low-Molecular-Weight Glutenin Subunit Haplotypes on Dough Rheology in Elite Common Wheat Varieties. <i>Cereal Chemistry</i> , 2017, 94, CCHEM-07-17-013.	2.2	8
27	Pasta Production: Complexity in Defining Processing Conditions for Reference Trials and Quality Assessment Methods. <i>Cereal Chemistry</i> , 2017, 94, 791-797.	2.2	8
28	Quinoa Starch Characteristics and Their Correlations with the Texture Profile Analysis (TPA) of Cooked Quinoa. <i>Journal of Food Science</i> , 2017, 82, 2387-2395.	3.1	45
29	Identification of genotyping-by-sequencing sequence tags associated with milling performance and end-use quality traits in hard red spring wheat (<i>Triticum aestivum</i> L.). <i>Journal of Cereal Science</i> , 2017, 77, 73-83.	3.7	28
30	Genetic analysis of soft white wheat end-use quality traits in a club by common wheat cross. <i>Journal of Cereal Science</i> , 2017, 76, 148-156.	3.7	33
31	Improving Genomic Prediction for Pre-Harvest Sprouting Tolerance in Wheat by Weighting Large-Effect Quantitative Trait Loci. <i>Crop Science</i> , 2017, 57, 1315-1324.	1.8	22
32	End-Use Quality of CIMMYT-Derived Soft-Kernel Durum Wheat Germplasm: II. Dough Strength and Pan Bread Quality. <i>Crop Science</i> , 2017, 57, 1485-1494.	1.8	28
33	Registration of "Pritchett"™ Soft White Winter Club Wheat. <i>Journal of Plant Registrations</i> , 2017, 11, 152-158.	0.5	6
34	End-Use Quality of CIMMYT-Derived Soft-Kernel Durum Wheat Germplasm: I. Grain, Milling, and Soft Wheat Quality. <i>Crop Science</i> , 2017, 57, 1475-1484.	1.8	24
35	Molecular and Cytogenetic Characterization of the 5DS-5BS Chromosome Translocation Conditioning Soft Kernel Texture in Durum Wheat. <i>Plant Genome</i> , 2017, 10, plantgenome2017.04.0031.	2.8	24
36	Quinoa Seed Quality Response to Sodium Chloride and Sodium Sulfate Salinity. <i>Frontiers in Plant Science</i> , 2016, 7, 790.	3.6	29

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37	End-Use Quality and Agronomic Characteristics Associated with the <i>GluB1a</i> High-Molecular-Weight Glutenin Allele in U.S. Hard Winter Wheat. <i>Crop Science</i> , 2016, 56, 2348-2353.	1.8	18
38	Empirical rheology and pasting properties of soft-textured durum wheat (<i>Triticum turgidum</i> ssp.) Tj ETQq0 0 0 rgBT ₁ /Overlock ₁₀ Tf 50	3.7	26
39	Effect of Soft Kernel Texture on the Milling Properties of Soft Durum Wheat. <i>Cereal Chemistry</i> , 2016, 93, 513-517.	2.2	37
40	Identifying genetic markers of wheat (<i>Triticum aestivum</i>) associated with flavor preference using a laboratory mouse model. <i>Journal of Cereal Science</i> , 2016, 71, 153-159.	3.7	2
41	Physical, Textural, and Antioxidant Properties of Extruded Waxy Wheat Flour Snack Supplemented with Several Varieties of Bran. <i>Journal of Food Science</i> , 2016, 81, E2726-E2733.	3.1	20
42	Effect of wheat (<i>Triticum aestivum</i> L.) seed color and hardness genes on the consumption preference of the house mouse (<i>Mus musculus</i> L.). <i>Mammalia</i> , 2016, 80, .	0.7	2
43	Use of Student's t statistic as a phenotype of relative consumption preference of wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT ₄ /Overlock ₄	3.7	4
44	Repeatability of Mice Consumption Discrimination of Wheat (<i>Triticum aestivum</i> L.) Varieties across Field Experiments and Mouse Cohorts. <i>Journal of Food Science</i> , 2015, 80, S1589-94.	3.1	4
45	Arabinoxylan content and characterisation throughout the bread-baking process. <i>International Journal of Food Science and Technology</i> , 2015, 50, 1911-1921.	2.7	19
46	Waxy Soft White Wheat: Extrusion Characteristics and Thermal and Rheological Properties. <i>Cereal Chemistry</i> , 2015, 92, 145-153.	2.2	37
47	Internal structure of carbonized wheat (<i>Triticum</i> spp.) grains: relationships to kernel texture and ploidy. <i>Vegetation History and Archaeobotany</i> , 2015, 24, 503-515.	2.1	10
48	Functional and Nutritional Characteristics of Wheat Grown in Organic and Conventional Cropping Systems. <i>Cereal Chemistry</i> , 2015, 92, 504-512.	2.2	12
49	Phytochemical Profile and Antiproliferative Activity of Dough and Bread Fractions Made from Refined and Whole Wheat Flours. <i>Cereal Chemistry</i> , 2015, 92, 271-277.	2.2	13
50	Tracking Arabinoxylans Through the Preparation of Pancakes. <i>Cereal Chemistry</i> , 2015, 92, 37-43.	2.2	8
51	Modeling End-Use Quality in U.S. Soft Wheat Germplasm. <i>Cereal Chemistry</i> , 2015, 92, 57-64.	2.2	29
52	Genetics of End-Use Quality Differences between a Modern and Historical Spring Wheat. <i>Crop Science</i> , 2014, 54, 1972-1980.	1.8	21
53	Polyphenol oxidase as a biochemical seed defense mechanism. <i>Frontiers in Plant Science</i> , 2014, 5, 689.	3.6	62
54	Evaluation of Texture Differences among Varieties of Cooked Quinoa. <i>Journal of Food Science</i> , 2014, 79, S2337-45.	3.1	46

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55	Effect of Processing on Phenolic Composition of Dough and Bread Fractions Made from Refined and Whole Wheat Flour of Three Wheat Varieties. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10431-10436.	5.2	57
56	The House Mouse (<i>Mus musculus</i> L.) Exerts Strong Differential Grain Consumption Preferences among Hard Red and White Spring Wheat (<i>Triticum aestivum</i> L.) Varieties in a Single-Elimination Tournament Design. <i>Journal of Food Science</i> , 2014, 79, S2323-9.	3.1	5
57	A review of the occurrence of Grain softness protein-1 genes in wheat (<i>Triticum aestivum</i> L.). <i>Plant Molecular Biology</i> , 2013, 83, 507-521.	3.9	28
58	Molecular characterization and diversity of puroindoline b-2 variants in cultivated and wild diploid wheat. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 49-58.	1.6	5
59	Segregation analysis indicates that Puroindoline b-2 variants 2 and 3 are allelic in <i>Triticum aestivum</i> and that a revision to Puroindoline b-2 gene symbolization is indicated. <i>Journal of Cereal Science</i> , 2013, 57, 61-66.	3.7	8
60	Allelic variation and distribution independence of Puroindoline b-B2 variants and their association with grain texture in wheat. <i>Molecular Breeding</i> , 2013, 32, 399-409.	2.1	13
61	Wheat Arabinoxylan Structure Provides Insight into Function. <i>Cereal Chemistry</i> , 2013, 90, 387-395.	2.2	56
62	Optimizing Experimental Design Using the House Mouse (<i>Mus musculus</i> L.) as a Model for Determining Grain Feeding Preferences. <i>Journal of Food Science</i> , 2013, 78, S1614-S1620.	3.1	10
63	A Comprehensive Survey of Soft Wheat Grain Quality in U.S. Germplasm. <i>Cereal Chemistry</i> , 2013, 90, 47-57.	2.2	38
64	Registration of 'Cara'™ Soft White Winter Club Wheat. <i>Journal of Plant Registrations</i> , 2013, 7, 81-88.	0.5	10
65	Physical Mapping of Puroindoline Genes in Wheat using 'Chinese Spring'™ Chromosome Group 7 Deletion Lines. <i>Crop Science</i> , 2012, 52, 2674-2678.	1.8	18
66	A Critical Assessment of the Quantification of Wheat Grain Arabinoxylans Using a Phloroglucinol Colorimetric Assay. <i>Cereal Chemistry</i> , 2012, 89, 143-150.	2.2	27
67	Influence of Instrument Rigidity and Specimen Geometry on Calculations of Compressive Strength Properties of Wheat Endosperm. <i>Cereal Chemistry</i> , 2012, 89, 24-29.	2.2	7
68	Some observations on the granivorous feeding behavior preferences of the house mouse (<i>Mus</i>)	0.7	19
69	Phytochemical Composition, Anti-inflammatory, and Antiproliferative Activity of Whole Wheat Flour. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2129-2135.	5.2	56
70	Prevalence of Puroindoline D1 and Puroindoline b-2 variants in U.S. Pacific Northwest wheat breeding germplasm pools, and their association with kernel texture. <i>Theoretical and Applied Genetics</i> , 2012, 124, 1259-1269.	3.6	21
71	The distal portion of the short arm of wheat (<i>Triticum aestivum</i> L.) chromosome 5D controls endosperm vitreosity and grain hardness. <i>Theoretical and Applied Genetics</i> , 2012, 125, 247-254.	3.6	33
72	Transfer of Soft Kernel Texture from <i>Triticum aestivum</i> to Durum Wheat, <i>Triticum turgidum</i> ssp. <i>durum</i> . <i>Crop Science</i> , 2011, 51, 114-122.	1.8	67

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73	Collaborative Analysis of Wheat Endosperm Compressive Material Properties. <i>Cereal Chemistry</i> , 2011, 88, 391-396.	2.2	6
74	Characterization of a Unique "Super Soft" Kernel Trait in Wheat. <i>Cereal Chemistry</i> , 2011, 88, 576-583.	2.2	19
75	Endogenous and Enhanced Oxidative Cross-Linking in Wheat Flour Mill Streams. <i>Cereal Chemistry</i> , 2011, 88, 217-222.	2.2	11
76	Flour Mill Stream Blending Affects Sugar Snap Cookie and Japanese Sponge Cake Quality and Oxidative Cross-Linking Potential of Soft White Wheat. <i>Journal of Food Science</i> , 2011, 76, C1300-6.	3.1	26
77	Distribution of Total, Water-Insoluble, and Water-Extractable Arabinoxylans in Wheat Flour Mill Streams. <i>Cereal Chemistry</i> , 2011, 88, 209-216.	2.2	29
78	Physical mapping and a new variant of Puroindoline b-2 genes in wheat. <i>Theoretical and Applied Genetics</i> , 2010, 120, 745-751.	3.6	43
79	Effect of the grain protein content locus Gpc-B1 on bread and pasta quality. <i>Journal of Cereal Science</i> , 2010, 51, 357-365.	3.7	59
80	Molecular characterization of the Puroindoline a-D1b allele and development of an STS marker in wheat (<i>Triticum aestivum</i> L.). <i>Journal of Cereal Science</i> , 2010, 52, 80-82.	3.7	25
81	Field emission scanning electron and atomic force microscopy, and Raman and X-ray photoelectron spectroscopy characterization of near-isogenic soft and hard wheat kernels and corresponding flours. <i>Journal of Cereal Science</i> , 2010, 52, 136-142.	3.7	14
82	Association of Puroindoline b-B2 variants with grain traits, yield components and flag leaf size in bread wheat (<i>Triticum aestivum</i> L.) varieties of the Yellow and Huai Valleys of China. <i>Journal of Cereal Science</i> , 2010, 52, 247-253.	3.7	29
83	Identification of differentially expressed UniGenes in developing wheat seed using Digital Differential Display. <i>Journal of Cereal Science</i> , 2009, 49, 316-318.	3.7	6
84	Milling and Chinese raw white noodle qualities of common wheat near-isogenic lines differing in puroindoline b alleles. <i>Journal of Cereal Science</i> , 2009, 50, 126-130.	3.7	32
85	Seed-specific expression of the wheat puroindoline genes improves maize wet milling yields. <i>Plant Biotechnology Journal</i> , 2009, 7, 733-743.	8.3	32
86	Genotype and Environment Variation for Arabinoxylans in Hard Winter and Spring Wheats of the U.S. Pacific Northwest. <i>Cereal Chemistry</i> , 2009, 86, 88-95.	2.2	53
87	A Comprehensive Genotype and Environment Assessment of Wheat Grain Ash Content in Oregon and Washington: Analysis of Variation. <i>Cereal Chemistry</i> , 2009, 86, 307-312.	2.2	22
88	Rapid and Targeted Introgression of Genes into Popular Wheat Cultivars Using Marker-Assisted Background Selection. <i>PLoS ONE</i> , 2009, 4, e5752.	2.5	78
89	Molecular genetics of puroindolines and related genes: allelic diversity in wheat and other grasses. <i>Plant Molecular Biology</i> , 2008, 66, 205-219.	3.9	243
90	Molecular genetics of puroindolines and related genes: regulation of expression, membrane binding properties and applications. <i>Plant Molecular Biology</i> , 2008, 66, 221-231.	3.9	147

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91	Silencing of puroindoline a alters the kernel texture in transgenic bread wheat. <i>Journal of Cereal Science</i> , 2008, 47, 331-338.	3.7	26
92	Reconciliation of D-genome puroindoline allele designations with current DNA sequence data. <i>Journal of Cereal Science</i> , 2008, 48, 277-287.	3.7	80
93	Prevalence of puroindoline alleles in wheat varieties from eastern Asia including the discovery of a new SNP in puroindoline b. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2008, 6, 142-152.	0.8	15
94	Compressive Strength of Wheat Endosperm: Analysis of Endosperm Bricks. <i>Cereal Chemistry</i> , 2008, 85, 351-358.	2.2	15
95	Compressive Strength of Wheat Endosperm: Comparison of Endosperm Bricks to the Single Kernel Characterization System. <i>Cereal Chemistry</i> , 2008, 85, 359-365.	2.2	13
96	Agronomic and Quality Evaluation of Common Wheat Near-Isogenic Lines Carrying the Leaf Rust Resistance Gene <i>Lr47</i> . <i>Crop Science</i> , 2008, 48, 1441-1451.	1.8	28
97	A Device for the Preparation of Cereal Endosperm Bricks. <i>Cereal Chemistry</i> , 2007, 84, 67-69.	2.2	7
98	A critical examination of the sodium dodecyl sulfate (SDS) sedimentation test for wheat meals. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 607-615.	3.5	26
99	Polyphenol oxidase (PPO) in wheat and wild relatives: molecular evidence for a multigene family. <i>Theoretical and Applied Genetics</i> , 2007, 114, 1239-1247.	3.6	35
100	Polyphenol Oxidase in Wheat Grain: Whole Kernel and Bran Assays for Total and Soluble Activity. <i>Cereal Chemistry</i> , 2006, 83, 10-16.	2.2	29
101	Delineating the Role of Polyphenol Oxidase in the Darkening of Alkaline Wheat Noodles. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2378-2384.	5.2	90
102	Molecular Evolution of the Puroindoline-a, Puroindoline-b, and Grain Softness Protein-1 Genes in the Tribe Triticeae. <i>Journal of Molecular Evolution</i> , 2006, 63, 526-536.	1.8	49
103	Conserved regulatory elements identified from a comparative puroindoline gene sequence survey of <i>Triticum</i> and <i>Aegilops</i> diploid taxa. <i>Journal of Cereal Science</i> , 2006, 44, 21-33.	3.7	26
104	Biochemical and genetic characterization of wheat (<i>Triticum</i> spp.) kernel polyphenol oxidases. <i>Journal of Cereal Science</i> , 2006, 44, 353-367.	3.7	33
105	Occurrence of Puroindoline Alleles in Chinese Winter Wheats. <i>Cereal Chemistry</i> , 2005, 82, 38-43.	2.2	54
106	A new puroindoline b mutation present in Chinese winter wheat cultivar Jingdong 11. <i>Journal of Cereal Science</i> , 2005, 42, 267-269.	3.7	42
107	Kernel texture differences among US soft wheat cultivars. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 1959-1965.	3.5	19
108	Evaluation of maternal parent and puroindoline allele on kernel texture in a reciprocal cross between two hard spring wheat cultivars. <i>Euphytica</i> , 2005, 141, 121-127.	1.2	5

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109	Characterization of the end-use quality of soft wheat cultivars from the eastern and western US germplasm pools?. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2004, 2, 59-69.	0.8	26
110	Purification and Analysis of Wheat Grain Polyphenol Oxidase (PPO) Protein. <i>Cereal Chemistry</i> , 2003, 80, 135-143.	2.2	36
111	Puroindolines: the molecular genetic basis of wheat grain hardness. <i>Plant Molecular Biology</i> , 2002, 48, 633-647.	3.9	464
112	Title is missing!. <i>Euphytica</i> , 2002, 126, 321-331.	1.2	41
113	Wheat Polyphenol Oxidase. <i>Crop Science</i> , 2001, 41, 1750-1757.	1.8	69
114	Breadmaking Quality of Selected Durum Wheat Genotypes and Its Relationship with High Molecular Weight Glutenin Subunits Allelic Variation and Gluten Protein Polymeric Composition. <i>Cereal Chemistry</i> , 2000, 77, 230-236.	2.2	71
115	Relationships Among Grain Hardness, Pentosan Fractions, and End-Use Quality of Wheat. <i>Cereal Chemistry</i> , 2000, 77, 241-247.	2.2	109
116	Optimizing the SDS Sedimentation Test for End-Use Quality Selection in a Soft White and Club Wheat Breeding Program. <i>Cereal Chemistry</i> , 1999, 76, 907-911.	2.2	63
117	Wheat Grain Hardness Among Chromosome 5D Homozygous Recombinant Substitution Lines Using Different Methods of Measurement. <i>Cereal Chemistry</i> , 1999, 76, 249-254.	2.2	41
118	Sources of Variation for Starch Gelatinization, Pasting, and Gelation Properties in Wheat. <i>Cereal Chemistry</i> , 1997, 74, 63-71.	2.2	276
119	A computer-aided approach to the evaluation of wheat grain and flour quality. <i>Computers and Electronics in Agriculture</i> , 1994, 11, 229-237.	7.7	4
120	Isolation of Mature Cereal Embryos and Embryonic Axes. <i>Crop Science</i> , 1993, 33, 1007-1015.	1.8	1
121	Cloning and expression of an embryo-specific mRNA up-regulated in hydrated dormant seeds. <i>Plant Molecular Biology</i> , 1992, 19, 433-441.	3.9	86
122	Sequence analysis of a cDNA encoding a Group 3 LEA mRNA inducible by ABA or dehydration stress in wheat. <i>Plant Molecular Biology</i> , 1991, 16, 1073-1076.	3.9	68
123	Molecular Cloning and Expression of Abscisic Acid-Responsive Genes in Embryos of Dormant Wheat Seeds. <i>Plant Physiology</i> , 1991, 95, 814-821.	4.8	103
124	Identification and genetic characterization of extra soft kernel texture in soft kernel durum wheat (Triticum durum Desf.) cv. 'Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	2