

PPS Keyword List: Keywords related to Gene & Technique from PPS vol. 1 - 20

GENE & TECHNIQUE (248)

Keyword		Article title (downloadable pdf link)	Author	Year	DOI
AA genome (1)		Genetic Variations in Dry Matter Production, Nitrogen Uptake, and Nitrogen Use Efficiency in the AA Genome <i>Oryza</i> Species Grown under Different Nitrogen Conditions	Hamaoka N, et al.	2013	10.1626/pps.16.107
Agroecotype (2)		Varietal Differences of Flood Tolerance during Germination and Selection of the Tolerant Lines in Common Buckwheat	Sakata K, et al.	2006	10.1626/pps.9.395
		Evaluation of Cultivar Differences in Preharvest Sprouting of Common Buckwheat (<i>Fagopyrum esculentum</i> Moench)	Hara T, et al.	2008	10.1626/pps.11.82
Alloplasmic line (1)		Evaluation of Barley Male-Sterile Cytoplasm Based on Fertility Restoration and the Effect of the Cytoplasm on Malting Quality in Japan	Matsui K, et al.	2002	10.1626/pps.5.194
Antisense RNA (1)		Photosynthetic Characteristics of Antisense Transgenic Rice Expressing Reduced Levels of Rubisco Activase	Masumoto C, et al.	2012	10.1626/pps.15.174
Backcross (3)	Backcross inbred lines (1)	Validation of QTLs for Eating Quality of <i>Japonica</i> Rice 'Koshihikari' Using Backcross Inbred Lines	Wada T, et al.	2013	10.1626/pps.16.131
	Backcross progeny (2)	Identification of QTLs for Improvement of Plant Type in Rice (<i>Oryza sativa</i> L.) Using Koshihikari/Kasalath Chromosome Segment Substitution Lines and Backcross Progeny F ₂ Population	Kanbe T, et al.	2008	10.1626/pps.11.447
		The QTL Analysis of RuBisCO in Flag Leaves and Non-Structural Carbohydrates in Leaf Sheaths of Rice Using Chromosome Segment Substitution Lines and Backcross Progeny F ₂ Populations	Kanbe T, et al.	2009	10.1626/pps.12.224
Chromosome segment substitution lines (CSSLs) (11)		Genotypic Variations in Responses of Lateral Root Development to Transient Moisture Stresses in Rice Cultivars	Suralta RR, et al.	2008	10.1626/pps.11.324
		Identification of QTLs for Improvement of Plant Type in Rice (<i>Oryza sativa</i> L.) Using Koshihikari/Kasalath Chromosome Segment Substitution Lines and Backcross Progeny F ₂ Population	Kanbe T, et al.	2008	10.1626/pps.11.447
		Utilizing Chromosome Segment Substitution Lines (CSSLs) for Evaluation of Root Responses to Transient Moisture Stresses in Rice	Suralta RR, et al.	2008	10.1626/pps.11.457
		The QTL Analysis of RuBisCO in Flag Leaves and Non-Structural Carbohydrates in Leaf Sheaths of Rice Using Chromosome Segment Substitution Lines and Backcross Progeny F ₂ Populations	Kanbe T, et al.	2009	10.1626/pps.12.224
		Identification of Chromosomal Regions Controlling the Leaf Photosynthetic Rate in Rice by Using a Progeny from <i>Japonica</i> and High-yielding <i>Indica</i> Varieties	Adachi S, et al.	2011	10.1626/pps.14.118
		Root Development, Water Uptake, and Shoot Dry Matter Production under Water Deficit Conditions in Two CSSLs of Rice: Functional Roles of Root Plasticity	Kano-Nakata M, et al.	2011	10.1626/pps.14.307
		Detection of Chromosomal Regions Affecting Iron Concentration in Rice Shoots Subjected to Excess Ferrous Iron Using Chromosomal Segment Substitution Lines between <i>Japonica</i> and <i>Indica</i>	Fukuda A, et al.	2012	10.1626/pps.15.183
		Identification of Chromosome Regions Affecting Leaf Area with Rice Chromosome Segment Substitution Lines	Ujii K, et al.	2013	10.1626/pps.16.31
		Roles of Root Aerenchyma Development and Its Associated QTL in Dry Matter Production under Transient Moisture Stress in Rice	Niones JM, et al.	2013	10.1626/pps.16.205
		Agronomic Traits for High Productivity of Rice Grown in Aerobic Culture in Progeny of a <i>Japonica</i> Cultivar and a High-Yielding <i>Indica</i> Cultivar	Katsura K.	2013	10.1626/pps.16.317
		Alleles Affecting 30 Traits for Productivity in Two <i>Japonica</i> Rice Varieties, Koshihikari and Nipponbare (<i>Oryza sativa</i> L.)	Ujii K, et al.	2014	10.1626/pps.17.47
Cloning and genetic engineering (1)	Oil Palm: Achievements and Potential	Wahid MB, et al.	2005	10.1626/pps.8.288	
Coefficient of parentage (3)	Difference with Rice Cultivars in the Rate of Root Regeneration from Embryo Callus and Its Relationship with the Genetic Background	Yoshida T, et al.	1998	10.1626/pps.1.296	

Coefficient of parentage (continued)		Comparison of Physicochemical Properties of the Grains between Old- and New-Types of Rice Cultivars in Japan	Matsue Y, et al.	2000	10.1626/pps.3.145
		Pedigree Analysis of Early Maturing Wheat Cultivars in Japan for Breeding Cultivars with Higher Performance	Ushiyama T, et al.	2009	10.1626/pps.12.80
Core collection (1)		Phenotypic variation in root development of 162 soybean accessions under hypoxia condition at the seedling stage	Suematsu K, et al.	2017	10.1080/1343943X.2017.1334511
Diploid (1)		Breaking Strength of Pedicel as an Index of Grain-Shattering Habit in Autotetraploid and Diploid Buckwheat (<i>Fagopyrum esculentum</i> Moench.) Cultivars	Oba S, et al.	1999	10.1626/pps.2.190
Disomic addition line (DAL) (1)		Production of <i>Raphanus sativus</i> (C ₃)- <i>Moricandia arvensis</i> (C ₃ -C ₄ intermediate) Monosomic and Disomic Addition Lines with Each Parental Cytoplasmic Background and their Photorespiratory Characteristics	Bang SW, et al.	2009	10.1626/pps.12.70
DNA fingerprinting (1)		Identification of <i>Salicornia</i> Populations: Comparison between Morphological Characterization and RAPD Fingerprinting	Sagane Y, et al.	2003	10.1626/pps.6.287
Gene (31)	Gene cloning (1)	Analysis of Heat-Stress Responsive Genes in <i>Aneurolepidium chinense</i> Leaves by Differential Display	Shi W, et al.	2002	10.1626/pps.5.229
	Gene manipulation (1)	Overexpression of C ₄ Phosphoenolpyruvate Carboxylase Increased Carbon Isotope Discrimination in Transgenic Rice Plants	Agarie S, et al.	2001	10.1626/pps.4.311
	Gene sources (1)	A Rice (<i>Oryza sativa</i> L.) Breeding for Field Resistance to Blast Disease (<i>Pyricularia oryzae</i>) in Mountainous Region Agricultural Research Institute, Aichi Agricultural Research Center of Japan	Saka N.	2006	10.1626/pps.9.3
	Gene suppression (1)	A Chemically Inducible Gene Expression System and Its Application to Inducible Gene Suppression in Rice	Hirose T, et al.	2012	10.1626/pps.15.73
	Autophagy-related genes (ATG) (1)	Leaf Senescence of Soybean at Reproductive Stage is Associated with Induction of Autophagy-related Genes, <i>GmATG8c</i> , <i>GmATG8i</i> and <i>GmATG4</i>	Nang MPSH, et al.	2011	10.1626/pps.14.141
	Dominant gene (1)	Genetic Diversity of Regeneration Ability in Anther Culture of Rice (<i>Oryza sativa</i> L.)	Sugimoto K, et al.	2000	10.1626/pps.3.387
	Dwarf gene (1)	Responses of Rice Genotypes Carrying Different Dwarf Genes to <i>Fusarium moniliforme</i> and Gibberellic Acid	Ma L, et al.	2008	10.1626/pps.11.134
	<i>Nod</i> gene inducers (1)	Identification of Trigonelline, a <i>Nod</i> Gene-inducing Signal Compound, in Rice (<i>Oryza sativa</i> L.) Seed	Asis CA, et al.	1999	10.1626/pps.2.10
	Photoperiodic response gene (1)	Growth and Yield Properties of Near-Isogenic Wheat Lines Carrying Different Photoperiodic Response Genes	Matsuyama H, et al.	2015	10.1626/pps.18.57
	Recessive gene (1)	Genetic Diversity of Regeneration Ability in Anther Culture of Rice (<i>Oryza sativa</i> L.)	Sugimoto K, et al.	2000	10.1626/pps.3.387
	Starch synthesis- and degradation-related genes (1)	Differential responses to high temperature during maturation in heat-stress-tolerant cultivars of <i>Japonica</i> rice	Tanamachi K, et al.	2016	10.1080/1343943X.2016.1140007
	β -glucuronidase gene (1)	Improvement of the Aluminum Borate Whisker-Mediated Method of DNA Delivery into Rice Callus	Mizuno K, et al.	2004	10.1626/pps.7.45
	<i>ABERRANT PANICLE ORGANIZATION1</i> (<i>APO1</i>) (1)	Effects of genes increasing the number of spikelets per panicle, <i>TAW1</i> and <i>APO1</i> , on yield and yield-related traits in rice	Fukushima A, et al.	2017	10.1080/1343943X.2017.1365614
	<i>avrXa7</i> (1)	Bacterial Impact on H ₂ O ₂ Accumulation during the Interaction between <i>Xanthomonas</i> and Rice	Li X, et al.	2009	10.1626/pps.12.133
	<i>Bh4</i> (1)	Complementary Genes That Cause Black Ripening Hulls in F ₁ Plants of Crosses between <i>Indica</i> and <i>Japonica</i> Rice Cultivars	Fukuda A, et al.	2012	10.1626/pps.15.270
	<i>DEEPER ROOTING 1</i> (2)	Association between root growth angle and root length density of a near-isogenic line of IR64 rice with <i>DEEPER ROOTING 1</i> under different levels of soil compaction	Ramalingam P, et al.	2017	10.1080/1343943X.2017.1288550
		Near-isogenic lines of IR64 (<i>Oryza sativa</i> subsp. <i>indica</i> cv.) introgressed with <i>DEEPER ROOTING 1</i> and <i>STELE TRANSVERSAL AREA 1</i> improve rice yield formation over the background parent across three water management regimes	Deshmukh V, et al.	2017	10.1080/1343943X.2017.1305868
	<i>Di</i> (1)	Stability analysis of seven agronomic traits for soybean [(<i>Glycine max</i> (L.) Merr.] Tokachi nagaha and its derived cultivars using the AMMI model	Liu Z, et al.	2017	10.1080/1343943X.2017.1358095

Gene (continued)	<i>fine culm 1</i> (1)	Tillering Behavior of the Rice <i>fine culm 1</i> Mutant	Goto Y, et al.	2005	10.1626/pps.8.68
	<i>Glu-1Dx5</i> (1)	Genetic Transformation of a High Molecular Weight Glutenin (<i>Glu-1Dx5</i>) to Rice cv. Fatmawati	Wada Y, et al.	2009	10.1626/pps.12.341
	Gns 1 (1)	Decomposition of (1-3,1-4)- β -Glucan and Expression of the (1-3,1-4)- β -Glucanase Gene in Rice Stems during Ripening	Baba Y, et al.	2001	10.1626/pps.4.230
	<i>Histone H4</i> (1)	Size and Activity of Shoot Apical Meristems as Determinants of Floret Number in Rice Panicles	Mu C, et al.	2005	10.1626/pps.8.51
	<i>Phr1</i> (1)	Complementary Genes That Cause Black Ripening Hulls in F ₁ Plants of Crosses between <i>Indica</i> and <i>Japonica</i> Rice Cultivars	Fukuda A, et al.	2012	10.1626/pps.15.270
	<i>Ppd-1</i> (1)	Growth and Yield Properties of Near-Isogenic Wheat Lines Carrying Different Photoperiodic Response Genes	Matsuyama H, et al.	2015	10.1626/pps.18.57
	<i>Sd1</i> (1)	Responses of Rice Genotypes Carrying Different Dwarf Genes to <i>Fusarium moniliforme</i> and Gibberellic Acid	Ma L, et al.	2008	10.1626/pps.11.134
	<i>spw1-cls</i> (1)	Cleistogamy Decreases the Effect of High Temperature Stress at Flowering in Rice	Koike S, et al.	2015	10.1626/pps.18.111
	<i>Sub-1</i> (1)	Relationship between Shoot Elongation and Dry Matter Weight During Submergence in <i>Oryza sativa</i> L. and <i>O. glaberrima</i> Steud. Rice Cultivars	Kawano N, et al.	2008	10.1626/pps.11.316
	TAWAWAI (<i>TAWI</i>) (1)	Effects of genes increasing the number of spikelets per panicle, <i>TAWI</i> and <i>APO1</i> , on yield and yield-related traits in rice	Fukushima A, et al.	2017	10.1080/1343943X.2017.1365614
	<i>teosinte branched 1</i> (1)	Tillering Behavior of the Rice <i>fine culm 1</i> Mutant	Goto Y, et al.	2005	10.1626/pps.8.68
	WRKY (1)	Activation of ADP-Glucose Pyrophosphorylase Gene Promoters by a WRKY Transcription Factor, AtWRKY20, in <i>Arabidopsis thaliana</i> L. and Sweet Potato (<i>Ipomoea batatas</i> Lam.)	Nagata T, et al.	2012	10.1626/pps.15.10
	<i>ZmPIN1a</i> (1)	Auxin Polar Transport is Essential for the Early Growth Stage of Etiolated Maize (<i>Zea mays</i> L. cv. Honey Bantam) Seedlings	Ueda J, et al.	2014	10.1626/pps.17.144
Gene expression (15)	Gene expression (12)	Gene Expression of Enzymes for Starch and Sucrose Metabolism and Transport in Leaf Sheaths of Rice (<i>Oryza sativa</i> L.) during the Heading Period in Relation to the Sink to Source Transition	Hirose T, et al.	1999	10.1626/pps.2.178
		Expression of α -Amylase Isoforms and the <i>RAmyLA</i> Gene in Rice (<i>Oryza sativa</i> L.) during Seed Germination, and its Relationship with Coleoptile Length in Submerged Soil	Huang J, et al.	2000	10.1626/pps.3.32
		Expression of the α -Amylase Gene <i>RAmyJD</i> in Rice (<i>Oryza sativa</i> L.) under Aerobic, Hypoxic and Anoxic Conditions	Huang J, et al.	2000	10.1626/pps.3.213
		Decomposition of (1-3,1-4)- β -Glucan and Expression of the (1-3,1-4)- β -Glucanase Gene in Rice Stems during Ripening	Baba Y, et al.	2001	10.1626/pps.4.230
		Effects of High Nitrogen Supply on the Susceptibility to Coolness at the Young Microspore Stage in Rice (<i>Oryza sativa</i> L.): Gene Expression Analysis in Mature Anthers	Hayashi T, et al.	2009	10.1626/pps.12.271
		Regulation of Expression of D3-type Cyclins and ADP-Glucose Pyrophosphorylase Genes by Sugar, Cytokinin and ABA in Sweet Potato (<i>Ipomoea batatas</i> Lam.)	Nagata T, et al.	2009	10.1626/pps.12.434
		Transcription Profiles of Genes Encoding Catalase and Ascorbate Peroxidase in the Rice Leaf Tissues under Salinity	Yamane K, et al.	2010	10.1626/pps.13.164
		Identification of Putative Aquaporin Genes and Their Expression Analysis under Hypoxic Conditions in Soybean [<i>Glycine max</i> (L.) Merr.]	Matsuo N, et al.	2012	10.1626/pps.15.278
		Effects of Nitrogen on the Expression of Ribulose-1,5-Bisphosphate Carboxylase/Oxygenase Small Subunit Multigene Family Members in Rice (<i>Oryza sativa</i> L.)	Miyazaki N, et al.	2013	10.1626/pps.16.37
		Auxin Polar Transport is Essential for the Early Growth Stage of Etiolated Maize (<i>Zea mays</i> L. cv. Honey Bantam) Seedlings	Ueda J, et al.	2014	10.1626/pps.17.144
		Suppression subtractive hybridization library construction and identification of epidermal bladder cell related genes in the common ice plant, <i>Mesembryanthemum crystallinum</i> L.	Roern S, et al.	2016	10.1080/1343943X.2016.1221320

Gene expression (continued)	Gene expression (continued)	MYB and HD-ZIP IV homologs related to trichome formation are involved in epidermal bladder cell development in the halophyte <i>Mesembryanthemum crystallinum</i> L.	Roern S, et al.	2017	10.1080/1343943X.2017.1279528
	Chemically inducible expression (1)	A Chemically Inducible Gene Expression System and Its Application to Inducible Gene Suppression in Rice	Hirose T, et al.	2012	10.1626/pps.15.73
	Photosynthesis related gene expression (1)	Structural and Functional Differentiation of Bundle Sheath and Mesophyll Cells in the Lamina Joint of Rice Compared with that in the Corresponding Region of the Liguleless Genotype	Tsutsumi K, et al.	2007	10.1626/pps.10.346
	Transient expression (1)	Transient Expression of Green Fluorescent Protein in Rice Calluses: Optimization of Parameters for Helios Gene Gun Device	Carsono N, et al.	2008	10.1626/pps.11.88
General combining ability (GCA) (1)		Combining Ability of Callus Induction and Plant Regeneration in Sorghum Anther Culture	Can ND, et al.	1999	10.1626/pps.2.125
Genetic (22)	Genetic analyses (1)	Breeding efforts to mitigate damage by heat stress to spikelet sterility and grain quality	Ishimaru T, et al.	2016	10.1080/1343943X.2015.1128113
	Genetic correlation (4)	Effects of Selection for Yield Components on Grain Yield in Pearl Millet (<i>Pennisetum typhoideum</i> Rich.)	Totok ADH, et al.	1998	10.1626/pps.1.52
		Genetic and Environmental Variations and Associations of the Characters Related to the Grain-Filling Process in Rice Cultivars	Kato T.	1999	10.1626/pps.2.32
		Heritability and Genetic Correlation of Al-Tolerance with Several Agronomic Characters in Sorghum Assessed by Hematoxylin Staining	Anas, et al.	2004	10.1626/pps.7.280
		Variation and Association of the Traits Related to Grain Filling in Several Extra-Heavy Panicle Type Rice under Different Environments	Kato T.	2010	10.1626/pps.13.185
	Genetic diversity (3)	Genetic Diversity among Japanese Cultivated Sorghum Assessed with Simple Sequence Repeats Markers	Anas, et al.	2004	10.1626/pps.7.217
		Genetic Diversity of Cambodian Rice Cultivars	Ly T, et al.	2008	10.1626/pps.11.366
		Accurate Evaluation of Photoperiodic Sensitivity and Genetic Diversity in Common Buckwheat under a Controlled Environment	Hara T, et al.	2013	10.1626/pps.16.247
	Genetic effect (1)	Genetic Effect on Amylose and Protein Contents in the Crossed Rice Seeds	Won JG, et al.	2002	10.1626/pps.5.17
	Genetic gain (3)	Genetic Gain and Heritability of Seedling Characters Selected at a Low Temperature in Pearl Millet (<i>Pennisetum typhoideum</i> Rich.)	Totok ADH, et al.	1998	10.1626/pps.1.47
		Effects of Selection for Yield Components on Grain Yield in Pearl Millet (<i>Pennisetum typhoideum</i> Rich.)	Totok ADH, et al.	1998	10.1626/pps.1.52
		Revisiting rice breeding methods – evaluating the use of rapid generation advance (RGA) for routine rice breeding	Collard BCY, et al.	2017	10.1080/1343943X.2017.1391705
	Genetic improvement (1)	Germplasm Enhancement and Breeding Strategies for Crop Quality in Japan	Okuno K, et al.	2005	10.1626/pps.8.320
	Genetic progress (1)	Bayesian analysis of quantitative traits in popcorn (<i>Zea mays</i> L.) through four cycles of recurrent selection	do Amaral Jr AT, et al.	2016	10.1080/1343943X.2016.1222870
	Genetic resources (1)	Variation in Seed Shape and Husk Color in Japanese Native Cultivars of Common Buckwheat (<i>Fagopyrum esculentum</i> Moench)	Tetsuka T, et al.	2005	10.1626/pps.8.60
	Genetic transformation (1)	Genetic Transformation of a High Molecular Weight Glutenin (<i>Glu-1Dx5</i>) to Rice cv. Fatmawati	Wada Y, et al.	2009	10.1626/pps.12.341
	Genetic variation (4)	Genetic Variation of <i>Zoysia</i> in Taiwan as Analyzed by Isozyme Patterns and Salinity Tolerance	Weng JH.	2002	10.1626/pps.5.236
Genotypic Variation of the Ability of Root to Penetrate Hard Soil Layers among Japanese Wheat Cultivars		Kubo K, et al.	2006	10.1626/pps.9.47	
Genetic Variation of <i>Zoysia</i> as Revealed by Random Amplified Polymorphic DNA (RAPD) and Isozyme Pattern		Weng JH, et al.	2007	10.1626/pps.10.80	
Variation in Root Development Response to Flooding among 92 Soybean Lines during Early Growth Stages		Sakazono S, et al.	2014	10.1626/pps.17.228	

Genetic (continued)	Genetic variability (1)	Effect of Nitrogen Regimes on Combining Ability Variation in Oil and Protein Contents in Cottonseed (<i>Gossypium hirsutum</i> L.)	Khan FA, et al.	2007	10.1626/pps.10.367
	Cloning and genetic engineering (1)	Oil Palm: Achievements and Potential	Wahid MB, et al.	2005	10.1626/pps.8.288
Genotype (28)	Genotype (4)	Effect of the Interaction between Cultural Condition and Genotype on Spike Morphogenesis in Spring Wheat	Itoh H, et al.	1998	10.1626/pps.1.56
		Analysis of Spike Development of Three Spring Wheat Genotypes under Various Cultural Conditions	Itoh H, et al.	1998	10.1626/pps.1.258
		Characteristics of Growth and Yield Formation the Improved Genotype of Supernodulating Soybean (<i>Glycine max</i> L. Merr.)	Takahashi M, et al.	2003	10.1626/pps.6.112
		Identification of Salicornia Populations: Comparison between Morphological Characterization and RAPD Fingerprinting	Sagane Y, et al.	2003	10.1626/pps.6.287
	Genotype discrimination (1)	Analysis of Genotype-by-Environment Interaction for Agronomic Traits of Durum Wheat in Iran	Mohamma di R, et al.	2011	10.1626/pps.14.15
	Genotype-by-environment interaction (7)	Genotypic and Phenotypic Variances and Covariances in Early Maturing Grain Sorghum in a Double Cropping	Can ND, et al.	1999	10.1626/pps.2.67
		Genotype- Environment Interactions of Selected Rice Lines in Direct Water-Seeded Culture	Won JG, et al.	1999	10.1626/pps.2.252
		Variation and Association of the Traits Related to Grain Filling in Several Extra-Heavy Panicle Type Rice under Different Environments	Kato T.	2010	10.1626/pps.13.185
		Analysis of Genotype-by-Environment Interaction for Agronomic Traits of Durum Wheat in Iran	Mohamma di R, et al.	2011	10.1626/pps.14.15
		Effect of Genotype, Environment and Their Interaction on Quality Parameters of Wheat Breeding Lines of Diverse Grain Hardness	Surma M, et al.	2012	10.1626/pps.15.192
		Path analysis of genotype × environment interactions in rainfed durum wheat	Mohamma di R, et al.	2016	10.1080/1343943X.2015.1128100
		Adaptation of rice (<i>Oryza sativa</i> L.) genotypes in the rainfed lowlands of Lao PDR	Sengxua P, et al.	2017	10.1080/1343943X.2017.1403290
	Genotypic components (1)	Path analysis of genotype × environment interactions in rainfed durum wheat	Mohamma di R, et al.	2016	10.1080/1343943X.2015.1128100
	Genotypic difference (4)	Response of Leaf Photosynthesis to Vapor Pressure Difference in Rice (<i>Oryza sativa</i> L) Varieties in Relation to Stomatal and Leaf Internal Conductance	Ohsumi A, et al.	2008	10.1626/pps.11.184
		Relationship between Deep Root Distribution and Root Penetration Capacity Estimated by Pot Experiments with a Paraffin and Vaseline Layer for Landraces and Recent Cultivars of Wheat	Kubo K, et al.	2008	10.1626/pps.11.487
		Close Association between Aleurone Traits and Lipid Contents of Rice Grains Observed in Widely Different Genetic Resources of <i>Oryza sativa</i>	Khin OM, et al.	2013	10.1626/pps.16.41
		Genotypic Adaptation of Soybean to Late Sowing in Southwestern Japan	Fatichin, et al.	2013	10.1626/pps.16.123
	Genotypic diversity (1)	Genotypic Diversity of Cross-Tolerance to Oxidative and Drought Stresses in Rice Seedlings Evaluated by the Maximum Quantum Yield of Photosystem II and Membrane Stability	Iseki K, et al.	2013	10.1626/pps.16.295
	Genotypic parameter (1)	Predicting the Protein Content of Grain in Winter Wheat with Meteorological and Genotypic Factors	Pan J, et al.	2006	10.1626/pps.9.323
	Genotypic response (1)	Responses of Three Wheat Genotypes to High Soil Temperature during Grain Filling	Tahir ISA, et al.	2005	10.1626/pps.8.192
	Genotypic variance (1)	Genotypic and Phenotypic Variances and Covariances in Early Maturing Grain Sorghum in a Double Cropping	Can ND, et al.	1999	10.1626/pps.2.67
	Genotypic variation (6)	Genotypic Variation in Response of Rainfed Lowland Rice to Drought and Rewatering	Wade LJ, et al.	2000	10.1626/pps.3.173
		Genotypic Variation in Response of Rainfed Lowland Rice to Drought and Rewatering. II. Root growth	Azhiri-Sigari T, et al.	2000	10.1626/pps.3.180
		Relative Contribution of Hetero- and Auto-trophic Growth to Genotypic Variation of Seedling Vigor in Rice (<i>Oryza sativa</i> L.)	Shiraiwa T, et al.	2006	10.1626/pps.9.133

Genotype (continued)	Genotypic variation (continued)	Cadmium Concentration in Grains of Japanese Wheat Cultivars: Genotypic Difference and Relationship with Agronomic Characteristics	Kubo K, et al.	2008	10.1626/pps.11.243
		Genotypic Variation in Morphological and Physiological Characteristics of Rice (<i>Oryza sativa</i> L.) under Aerobic Conditions	Nguyen NTA, et al.	2015	10.1626/pps.18.501
		Genotypic variation in salinity tolerance and its association with nodulation and nitrogen uptake in soybean	Song Y, et al.	2017	10.1080/1343943X.2017.1360140
	Winter oilseed rape genotype (1)	New winter oilseed rape varieties – seed quality and morphological traits depending on sowing date and rate	Ratajczak K, et al.	2017	10.1080/1343943X.2017.1304809
Haploid (4)	Haploid (3)	Haploid Plantlet Production through Somatic Embryogenesis in Anther-Derived Callus of <i>Bupleurum falcatum</i>	Shon TK, et al.	2004	10.1626/pps.7.204
		Effect of 2,4-Dichlorophenoxyacetic Acid on the Efficiency of Wheat Haploid Production by the <i>Hordeum bulbosum</i> Method	Ushiyama T, et al.	2006	10.1626/pps.9.206
		Effects of Various Phytohormones on Haploid Wheat Production in Wheat x Maize Crosses	Ushiyama T, et al.	2007	10.1626/pps.10.36
	Doubled haploid (1)	Response to GA and Variation of the Culm Length in Doubled Haploid Lines of Wheat	Ushiyama T, et al.	2008	10.1626/pps.11.217
Heritability (5)		Genetic Gain and Heritability of Seedling Characters Selected at a Low Temperature in Pearl Millet (<i>Pennisetum typhoideum</i> Rich.)	Totok ADH, et al.	1998	10.1626/pps.1.47
		Effects of Selection for Yield Components on Grain Yield in Pearl Millet (<i>Pennisetum typhoideum</i> Rich.)	Totok ADH, et al.	1998	10.1626/pps.1.52
		Seed Weight of Nodulating and Non-nodulating Soybeans at Different Nitrogen Levels and Years	Manalo DD, et al.	1998	10.1626/pps.1.264
		Heritability and Genetic Correlation of Al-Tolerance with Several Agronomic Characters in Sorghum Assessed by Hematoxylin Staining	Anas, et al.	2004	10.1626/pps.7.280
		Soil-based screening for iron toxicity tolerance in rice using pots	Sikirou M, et al.	2016	10.1080/1343943X.2016.1186496
Heterosis (8)		Physio-morphological Studies of F ₁ Hybrids in Rice (<i>Oryza sativa</i> L.)	Khan MNA, et al.	1998	10.1626/pps.1.233
		Combining Ability in the Rice Lines Selected for Direct-Seeding in Flooded Paddy Field	Won JG, et al.	2000	10.1626/pps.3.366
		Physio-Morphological Characters of F ₁ Hybrids of Rice (<i>Oryza sativa</i> L.) in Japonica-Indica Crosses. I. Heterosis for photosynthesis	Sarker MAZ, et al.	2001	10.1626/pps.4.196
		Physio-Morphological Characters of F ₁ Hybrids of Rice (<i>Oryza sativa</i> L.) in Japonica-Indica Crosses. II. Heterosis for leaf area and dry matter accumulation	Sarker MAZ, et al.	2001	10.1626/pps.4.202
		Genetic Effect on Amylose and Protein Contents in the Crossed Rice Seeds	Won JG, et al.	2002	10.1626/pps.5.17
		Effect of Nitrogen Fertilization on Photosynthetic Characters and Dry Matter Production in F ₁ Hybrids of Rice (<i>Oryza sativa</i> L.)	Sarker MAZ, et al.	2002	10.1626/pps.5.131
		Agronomic Performance of F ₁ Hybrids of Rice (<i>Oryza sativa</i> L.) in Japonica-Indica Crosses: Heterosis for and relationship between grain yield and related characters	Murayama S, et al.	2002	10.1626/pps.5.203
		Sterility of Thermo-Sensitive Genic Male Sterile Line, Heterosis for Grain Yield and Related Characters in F ₁ Hybrid Rice (<i>Oryza sativa</i> L.)	Pham VC, et al.	2004	10.1626/pps.7.22
Hybrid (17)	Hybrid (2)	Can Yields of Lowland Rice Resume the Increases that They Showed in the 1980s?	Horie T, et al.	2005	10.1626/pps.8.259
		Growth and yield of self-compatible and hybrid common buckwheat lines pollinated with and without flies	Kasajima S, et al.	2017	10.1080/1343943X.2017.1375380
	Hybrid callus (1)	Ultrastructure of Hybrid Callus between C ₃ and C ₄ Species of Amaranthaceae	Mastuti R, et al.	1998	10.1626/pps.1.136

Hybrid (continued)	Hybrid cultivar (2)	Barrenness and Changes in Tassel Development and Flowering Habit of Hybrid Maize Associated with Low Air Temperatures	Hayashi T, et al.	2015	10.1626/pps.18.93
		Varietal difference in the effects of low temperature on tassel development in hybrid maize	Hayashi T.	2016	10.1080/1343943X.2015.1133236
	Hybrid seed production (1)	Evaluation of Barley Male-Sterile Cytoplasm Based on Fertility Restoration and the Effect of the Cytoplasm on Malting Quality in Japan	Matsui K, et al.	2002	10.1626/pps.5.194
	F ₁ hybrid (7)	Physio-morphological Studies of F ₁ Hybrids in Rice (<i>Oryza sativa</i> L.): Photosynthetic ability and yield	Khan MNA, et al.	1998	10.1626/pps.1.233
		Higher Leaf Area Growth Rate Contributes to Greater Vegetative Growth of F ₁ Rice Hybrids in the Tropics	Laza MRC, et al.	2001	10.1626/pps.4.184
		Physio-Morphological Characters of F ₁ Hybrids of Rice (<i>Oryza sativa</i> L.) in Japonica-Indica Crosses. I. Heterosis for photosynthesis	Sarker MAZ, et al.	2001	10.1626/pps.4.196
		Physio-Morphological Characters of F ₁ Hybrids of Rice (<i>Oryza sativa</i> L.) in Japonica-Indica Crosses. II. Heterosis for leaf area and dry matter accumulation	Sarker MAZ, et al.	2001	10.1626/pps.4.202
		Effect of Nitrogen Fertilization on Photosynthetic Characters and Dry Matter Production in F ₁ Hybrids of Rice (<i>Oryza sativa</i> L.)	Sarker MAZ, et al.	2002	10.1626/pps.5.131
		Agronomic Performance of F ₁ Hybrids of Rice (<i>Oryza sativa</i> L.) in Japonica-Indica Crosses: Heterosis for and relationship between grain yield and related characters	Murayama S, et al.	2002	10.1626/pps.5.203
		Sterility of Thermo-Sensitive Genic Male Sterile Line, Heterosis for Grain Yield and Related Characters in F ₁ Hybrid Rice (<i>Oryza sativa</i> L.)	Pham VC, et al.	2004	10.1626/pps.7.22
	F ₄ (1)	Relationship between F ₄ Individuals and F ₅ Lines in Cooking Quality of Rice	Taira T, et al.	2000	10.1626/pps.3.257
	F ₅ (1)	Relationship between F ₄ Individuals and F ₅ Lines in Cooking Quality of Rice	Taira T, et al.	2000	10.1626/pps.3.257
	Interspecific hybrids (1)	Disease Tolerance in <i>Helianthus petiolaris</i> : A Genetic Resource for Sunflower Breeding	Gutierrez A, et al.	2012	10.1626/pps.15.204
	Reciprocal hybrids (1)	Inheritance of C ₃ -C ₄ Intermediate Photosynthesis in Reciprocal Hybrids between <i>Moricandia arvensis</i> (C ₃ -C ₄) and <i>Brassica oleracea</i> (C ₃) that Differ in their Genome Constitution	Ueno O, et al.	2007	10.1626/pps.10.68
Hybridization (4)	Interspecific hybridization (1)	Grain Protein Content of Interspecific Progenies Derived from the Cross of African Rice (<i>Oryza glaberrima</i> Steud.) and Asian Rice (<i>Oryza sativa</i> L.)	Watanabe H, et al.	2006	10.1626/pps.9.287
	<i>In situ</i> hybridization (2)	Expression of Photosynthesis-Related Genes during the Leaf Development of a C ₃ Plant Rice as Visualized by <i>In Situ</i> Hybridization	Tsutsumi K, et al.	2006	10.1626/pps.9.232
		Gene Expression and Accumulation of Rubisco in Bundle Sheath and Mesophyll Cells during Leaf Development and Senescence in Rice, a C ₃ Plant	Tsutsumi K, et al.	2008	10.1626/pps.11.336
	Suppression subtractive hybridization (1)	Suppression subtractive hybridization library construction and identification of epidermal bladder cell related genes in the common ice plant, <i>Mesembryanthemum crystallinum</i> L.	Roern S, et al.	2016	10.1080/1343943X.2016.1221320
Inheritance (2)	Combining Ability of Callus Induction and Plant Regeneration in Sorghum Anther Culture	Can ND, et al.	1999	10.1626/pps.2.125	
	Screening, Inheritance and Linkage Marker Analyses of Salt Tolerance in Mutated Scented Japonica Rice (<i>Oryza sativa</i> L.)	Yen CC, et al.	2011	10.1626/pps.14.260	
Intergeneric cross (3)	Effect of 2,4-Dichlorophenoxyacetic Acid on the Efficiency of Wheat Haploid Production by the <i>Hordeum bulbosum</i> Method	Ushiyama T, et al.	2006	10.1626/pps.9.206	
	Effects of Various Phytohormones on Haploid Wheat Production in Wheat x Maize Crosses	Ushiyama T, et al.	2007	10.1626/pps.10.36	
	Response to GA and Variation of the Culm Length in Doubled Haploid Lines of Wheat	Ushiyama T, et al.	2008	10.1626/pps.11.217	
Interspecific (4)	Interspecific hybridization (1)	Grain Protein Content of Interspecific Progenies Derived from the Cross of African Rice (<i>Oryza glaberrima</i> Steud.) and Asian Rice (<i>Oryza sativa</i> L.)	Watanabe H, et al.	2006	10.1626/pps.9.287

Interspecific (continued)	Interspecific hybrids (1)	Disease Tolerance in <i>Helianthus petiolaris</i> : A Genetic Resource for Sunflower Breeding	Gutierrez A, et al.	2012	10.1626/pps.15.204
	Interspecific progenies (2)	Differential Salinity Tolerance among <i>Oryza glaberrima</i> , <i>Oryza sativa</i> and Their Interspecies Including NERICA	Awala SK, et al.	2010	10.1626/pps.13.3
		Role of Canopy Coverage in Water Use Efficiency of Lowland Rice in Early Growth Period in Semi-Arid Region	Suzuki T, et al.	2013	10.1626/pps.16.12
Monosomic addition line (MAL) (1)		Production of <i>Raphanus sativus</i> (C ₃)- <i>Moricandia arvensis</i> (C ₃ -C ₄ intermediate) Monosomic and Disomic Addition Lines with Each Parental Cytoplasmic Background and their Photorespiratory Characteristics	Bang SW, et al.	2009	10.1626/pps.12.70
Mutant (6)	Mutant (1)	MYB and HD-ZIP IV homologs related to trichome formation are involved in epidermal bladder cell development in the halophyte <i>Mesembryanthemum crystallinum</i> L.	Roeurn S, et al.	2017	10.1080/1343943X.2017.1279528
	Mutated (1)	Screening, Inheritance and Linkage Marker Analyses of Salt Tolerance in Mutated Scented Japonica Rice (<i>Oryza sativa</i> L.)	Yen CC, et al.	2011	10.1626/pps.14.260
	Mutation (1)	Mechanical Stimulus-Sensitive Mutation, <i>rrl3</i> , Affects the Cell Production Process in the Root Meristematic Zone in Rice	Inukai Y, et al.	2003	10.1626/pps.6.265
	Crassulacean acid metabolism (CAM) deficient mutant (1)	Crassulacean Acid Metabolism May Alleviate Production of Reactive Oxygen Species in a Facultative CAM Plant, the Common Ice Plant <i>Mesembryanthemum crystallinum</i> L.	Sunagawa H, et al.	2010	10.1626/pps.13.256
	Seed-protein mutant cultivar (2)	Effects of Temperature on the Digestible Protein Content of Grains during Ripening in a Seed-protein Mutant Rice Cultivar LGCsoft	Ohdaira Y, et al.	2010	10.1626/pps.13.132
Analysis of Storage Protein Distribution in Rice Grain of Seed-Protein Mutant Cultivars by Immunofluorescence Microscopy		Ohdaira Y, et al.	2011	10.1626/pps.14.219	
Near-isogenic lines (NILs) (3)		Effects of Variations in Starch Synthase on Starch Properties and Eating Quality of Rice	Umemoto T, et al.	2008	10.1626/pps.11.472
		A Major Soybean QTL, <i>qPDH1</i> , Controls Pod Dehiscence without Marked Morphological Change	Suzuki M, et al.	2009	10.1626/pps.12.217
		Growth and Yield Properties of Near-Isogenic Wheat Lines Carrying Different Photoperiodic Response Genes	Matsuyama H, et al.	2015	10.1626/pps.18.57
Pedigree (4)	Pedigree analysis (2)	Difference with Rice Cultivars in the Rate of Root Regeneration from Embryo Callus and Its Relationship with the Genetic Background	Yoshida T, et al.	1998	10.1626/pps.1.296
		Pedigree Analysis of Early Maturing Wheat Cultivars in Japan for Breeding Cultivars with Higher Performance	Ushiyama T, et al.	2009	10.1626/pps.12.80
	Maximum number of generations traced in the pedigree (1)	Pedigree Analysis of Early Maturing Wheat Cultivars in Japan for Breeding Cultivars with Higher Performance	Ushiyama T, et al.	2009	10.1626/pps.12.80
	Number of ancestors in the pedigree (1)	Pedigree Analysis of Early Maturing Wheat Cultivars in Japan for Breeding Cultivars with Higher Performance	Ushiyama T, et al.	2009	10.1626/pps.12.80
Phenotype (7)	Phenotype (2)	Identification of Salicornia Populations: Comparison between Morphological Characterization and RAPD Fingerprinting	Sagane Y, et al.	2003	10.1626/pps.6.287
		Sorghum Diversity Evaluated by Simple Sequence Repeat (SSR) Markers and Phenotypic Performance	Anas, et al.	2004	10.1626/pps.7.301
	Phenotypic plasticity (4)	Dry Matter Production and Root System Development of Rice Cultivars under Fluctuating Soil Moisture	Bañoc DM, et al.	2000	10.1626/pps.3.197
		Genotypic Variations in Response of Lateral Root Development to Fluctuating Soil Moisture in Rice	Bañoc DM, et al.	2000	10.1626/pps.3.335
		Root Morphological Plasticity for Heterogeneous Phosphorus Supply in <i>Zea mays</i> L.	Yano K, et al.	2005	10.1626/pps.8.427
		Phenotypic Plasticity of Vegetable Amaranth, <i>Amaranthus tricolor</i> L. under a Natural Climate	Khanam UKS, et al.	2014	10.1626/pps.17.166
	Phenotypic variance (1)	Genotypic and Phenotypic Variances and Covariances in Early Maturing Grain Sorghum in a Double Cropping	Can ND, et al.	1999	10.1626/pps.2.67
Polyploidy (1)		Association of Grain Shedding Habit with Polyploidy in Tartary Buckwheat (<i>Fagopyrum tataricum</i>) Strains	Oba S, et al.	2004	10.1626/pps.7.212
Processing (1)		Structural Differences in Amylopectin Affect Waxy Rice Processing	Okamoto K, et al.	2002	10.1626/pps.5.45

Promoter (2)		Activation of ADP-Glucose Pyrophosphorylase Gene Promoters by a WRKY Transcription Factor, AtWRKY20, in <i>Arabidopsis thaliana</i> L. and Sweet Potato (<i>Ipomoea batatas</i> Lam.)	Nagata T, et al.	2012	10.1626/pps.15.10
		Effects of Nitrogen on the Expression of Ribulose-1,5-Bisphosphate Carboxylase/Oxygenase Small Subunit Multigene Family Members in Rice (<i>Oryza sativa</i> L.)	Miyazaki N, et al.	2013	10.1626/pps.16.37
Quantitative trait locus (QTL) (22)	Quantitative trait locus (QTL) (20)	Molecular Dissection of the Relationships among Tiller Number, Plant Height and Heading Date in Rice	Cui K, et al.	2004	10.1626/pps.7.309
		Quantitative Trait Loci for Rice Phyllochron in Lemont x IR36 Cross	Morita M, et al.	2005	10.1626/pps.8.199
		Identification of QTL Controlling Flooding Tolerance in Reducing Soil Conditions in Maize (<i>Zea mays</i> L.) Seedlings	Mano Y, et al.	2006	10.1626/pps.9.176
		Mapping of QTLs Controlling Carbon Isotope Discrimination in the Photosynthetic System using Recombinant Inbred Lines Derived from a Cross between Two Different Rice (<i>Oryza sativa</i> L.) Cultivars	Takai T, et al.	2006	10.1626/pps.9.271
		Identification of QTLs for Improvement of Plant Type in Rice (<i>Oryza sativa</i> L.) Using Koshihikari/Kasalath Chromosome Segment Substitution Lines and Backcross Progeny F ₂ Population	Kanbe T, et al.	2008	10.1626/pps.11.447
		A Major Soybean QTL, <i>qPDH1</i> , Controls Pod Dehiscence without Marked Morphological Change	Suzuki M, et al.	2009	10.1626/pps.12.217
		The QTL Analysis of RuBisCO in Flag Leaves and Non-Structural Carbohydrates in Leaf Sheaths of Rice Using Chromosome Segment Substitution Lines and Backcross Progeny F ₂ Populations	Kanbe T, et al.	2009	10.1626/pps.12.224
		Identification of Chromosomal Regions Controlling the Leaf Photosynthetic Rate in Rice by Using a Progeny from <i>Japonica</i> and High-yielding <i>Indica</i> Varieties	Adachi S, et al.	2011	10.1626/pps.14.118
		Screening, Inheritance and Linkage Marker Analyses of Salt Tolerance in Mutated Scented Japonica Rice (<i>Oryza sativa</i> L.)	Yen CC, et al.	2011	10.1626/pps.14.260
		Detection of Chromosomal Regions Affecting Iron Concentration in Rice Shoots Subjected to Excess Ferrous Iron Using Chromosomal Segment Substitution Lines between <i>Japonica</i> and <i>Indica</i>	Fukuda A, et al.	2012	10.1626/pps.15.183
		Identification of Chromosome Regions Affecting Leaf Area with Rice Chromosome Segment Substitution Lines	Ujje K, et al.	2013	10.1626/pps.16.31
		Validation of QTLs for Eating Quality of <i>Japonica</i> Rice 'Koshihikari' Using Backcross Inbred Lines	Wada T, et al.	2013	10.1626/pps.16.131
		Roles of Root Aerenchyma Development and Its Associated QTL in Dry Matter Production under Transient Moisture Stress in Rice	Niones JM, et al.	2013	10.1626/pps.16.205
		QTLs for Seedling Growth of Direct Seeded Rice under Submerged and Low Temperature Conditions	Fukuda A, et al.	2014	10.1626/pps.17.41
		QTLs for Shoot Length and Chlorophyll Content of Rice Seedlings Grown under Low-Temperature Conditions, using a Cross between <i>Indica</i> and <i>Japonica</i> Cultivars	Fukuda A, et al.	2015	10.1626/pps.18.128
		Stability Verification of the Effects of Stem Determination and Earliness of Flowering on Green Stem Disorder of Soybean against Genetic Background and Environment	Fujii K, et al.	2015	10.1626/pps.18.166
		Genetic Improvement of Iron Toxicity Tolerance in Rice-Progress, Challenges and Prospects in West Africa	Sikirou M, et al.	2015	10.1626/pps.18.423
		Effects of the number of pollen grains on cold tolerance at the booting stage in rice lines with QTLs for cold tolerance	Fukushima A, et al.	2017	10.1080/1343943X.2016.1245103
		Quantitative trait loci responsible for the difference in γ -oryzanol content in brown rice between <i>japonica</i> -type and <i>indica</i> -type rice cultivars	Kato T, et al.	2017	10.1080/1343943X.2017.1372109
		Effects of yield-related QTLs <i>SPIKE</i> and <i>GPS</i> in two indica rice genetic backgrounds	Takai T, et al.	2017	10.1080/1343943X.2017.1385404
	QTL introgression lines (1)	Recent Advances in Marker-Assisted Selection for Drought Tolerance in Pearl Millet	Serraj R, et al.	2005	10.1626/pps.8.334
	QTL mapping (1)	Recent Advances in Marker-Assisted Selection for Drought Tolerance in Pearl Millet	Serraj R, et al.	2005	10.1626/pps.8.334

Random amplified polymorphic DNA (RAPD) (5)	Random amplified polymorphic DNA (RAPD) (3)	Confirmation of the Productivity of the Stored Seeds of Wheat and Two- Rowed Barley	Matsue Y, et al.	2002	10.1626/pps. 5.187
		Identification of RAPD Markers and Development of SCAR Markers Linked to a Powdery Mildew Resistance Gene, and their Location on Chromosome in Wheat Cultivar Brock	Wang Z, et al.	2005	10.1626/pps. 8.578
		Genetic Variation of <i>Zoysia</i> as Revealed by Random Amplified Polymorphic DNA (RAPD) and Isozyme Pattern	Weng JH, et al.	2007	10.1626/pps. 10.80
	RAPD marker (2)	Identification of Random Amplified Polymorphic DNA and Simple Sequence Repeat Markers Linked to Powdery Mildew Resistance in Common Wheat Cultivar Brock	Wang Z, et al.	2004	10.1626/pps. 7.319
		Genetic Diversity among Wild Resources of the Genus <i>Boehmeria</i> Jacq. from West China Determined Using Inter-simple Sequence Repeat and Rapid Amplification of Polymorphic DNA Markers	Liu LJ, et al.	2009	10.1626/pps. 12.88
Recombinant inbred lines (RILs) (3)	Genotypic Differences in Dry Matter Accumulation, Nitrogen Use Efficiency and Harvest Index in Recombinant Inbred Lines of Rice under Hydroponic Culture		Ju J, et al.	2009	10.1626/pps. 12.208
	Stability Verification of the Effects of Stem Determination and Earliness of Flowering on Green Stem Disorder of Soybean against Genetic Background and Environment		Fujii K, et al.	2015	10.1626/pps. 18.166
	Revisiting rice breeding methods – evaluating the use of rapid generation advance (RGA) for routine rice breeding		Collard BCY, et al.	2017	10.1080/134 3943X.2017 .1391705
Selfcompatibility (1)	Growth and yield of self-compatible and hybrid common buckwheat lines pollinated with and without flies		Kasajima S, et al.	2017	10.1080/134 3943X.2017 .1375380
Sequence characterized amplified region (SCAR) (1)	Identification of RAPD Markers and Development of SCAR Markers Linked to a Powdery Mildew Resistance Gene, and their Location on Chromosome in Wheat Cultivar Brock		Wang Z, et al.	2005	10.1626/pps. 8.578
Simple sequence repeats (SSRs) (6)	Simple sequence repeats (SSRs) (3)	Genetic Diversity among Japanese Cultivated Sorghum Assessed with Simple Sequence Repeats Markers	Anas, et al.	2004	10.1626/pps. 7.217
		Sorghum Diversity Evaluated by Simple Sequence Repeat (SSR) Markers and Phenotypic Performance	Anas, et al.	2004	10.1626/pps. 7.301
		Genetic Diversity of Cambodian Rice Cultivars	Ly T, et al.	2008	10.1626/pps. 11.366
	SSR marker (2)	Identification of Random Amplified Polymorphic DNA and Simple Sequence Repeat Markers Linked to Powdery Mildew Resistance in Common Wheat Cultivar Brock	Wang Z, et al.	2004	10.1626/pps. 7.319
		Validation of QTLs for Eating Quality of <i>Japonica</i> Rice 'Koshihikari' Using Backcross Inbred Lines	Wada T, et al.	2013	10.1626/pps. 16.131
	Inter-simple sequence repeat (ISSR) marker (1)	Genetic Diversity among Wild Resources of the Genus <i>Boehmeria</i> Jacq. from West China Determined Using Inter-simple Sequence Repeat and Rapid Amplification of Polymorphic DNA Markers		Liu LJ, et al.	2009
Somaclonal variation (1)	Somaclonal Variation in Regenerants Derived from Anther Culture of Rice (<i>Oryza sativa</i> L.)		Sugimoto K, et al.	1999	10.1626/pps. 2.71
Specific combining ability (SCA) (1)	Combining Ability of Callus Induction and Plant Regeneration in Sorghum Anther Culture		Can ND, et al.	1999	10.1626/pps. 2.125
Tetraploid (1)	Breaking Strength of Pedicel as an Index of Grain-Shattering Habit in Autotetraploid and Diploid Buckwheat (<i>Fagopyrum esculentum</i> Moench.) Cultivars		Oba S, et al.	1999	10.1626/pps. 2.190
Transactivation (1)	Activation of ADP-Glucose Pyrophosphorylase Gene Promoters by a WRKY Transcription Factor, AtWRKY20, in <i>Arabidopsis thaliana</i> L. and Sweet Potato (<i>Ipomoea batatas</i> Lam.)		Nagata T, et al.	2012	10.1626/pps. 15.10
Transcript abundance (1)	Regulatory Properties of Phosphoenolpyruvate Carboxylase in Crassulacean Acid Metabolism Plants: Diurnal Changes in Phosphorylation State and Regulation of Gene Expression		Theng V, et al.	2007	10.1626/pps. 10.171
Transformation (1)	Aluminium Borate Whisker-Mediated DNA Delivery into Callus of Rice and Production of Transgenic Rice Plant		Takahashi W, et al.	2000	10.1626/pps. 3.219
Transgenic (8)	Transgenic (1)	Overexpression of a Maize <i>SPS</i> Gene Improves Yield Characters of Potato under Field Conditions	Ishimaru K, et al.	2008	10.1626/pps. 11.104
	Transgenic plant (7)	Characterization of a Maize Sucrose-phosphate Synthase Protein and Its Effect on Carbon Partitioning in Transgenic Rice Plants	Ono K, et al.	1999	10.1626/pps. 2.172

Transgenic (continued)	Transgenic plant (continued)	Aluminium Borate Whisker-Mediated DNA Delivery into Callus of Rice and Production of Transgenic Rice Plant	Takahashi W, et al.	2000	10.1626/pps.3.219
		Changes in Photosynthetic Activity and Export of Carbon by Overexpressing a Maize Sucrose-Phosphate Synthase Gene under Elevated CO ₂ in Transgenic Rice	Ono K, et al.	2003	10.1626/pps.6.281
		Improvement of the Aluminum Borate Whisker-Mediated Method of DNA Delivery into Rice Callus	Mizuno K, et al.	2004	10.1626/pps.7.45
		A Chemically Inducible Gene Expression System and Its Application to Inducible Gene Suppression in Rice	Hirose T, et al.	2012	10.1626/pps.15.73
		Suppression subtractive hybridization library construction and identification of epidermal bladder cell related genes in the common ice plant, <i>Mesembryanthemum crystallinum</i> L.	Roern S, et al.	2016	10.1080/1343943X.2016.1221320
		MYB and HD-ZIP IV homologs related to trichome formation are involved in epidermal bladder cell development in the halophyte <i>Mesembryanthemum crystallinum</i> L.	Roern S, et al.	2017	10.1080/1343943X.2017.1279528