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637	Development and characterization of intron-flanking EST-PCR markers in rubber tree (<i>Hevea brasiliensis</i> Muell. Arg.). 2012 , 51, 148-59	7
636	Assessment of population genetic diversity of <i>Fagopyrum tataricum</i> using SSR molecular marker. 2012 , 43, 32-41	9
635	Large-scale development of cost-effective SNP marker assays for diversity assessment and genetic mapping in chickpea and comparative mapping in legumes. 2012 , 10, 716-32	185

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631	Molecular Characterization of <i>Jatropha curcas</i> Resources and Identification of Population-Specific Markers. 2012 , 5, 215-224	19
630	Genome-scale identification of resistance gene analogs and the development of their intron length polymorphism markers in maize. 2012 , 29, 437-447	18
629	Genetic structures of the CIMMYT international yield trial targeted to irrigated environments. 2012 , 29, 529-541	19
628	Genetic diversity and relationship of clonal tea (<i>Camellia sinensis</i>) cultivars in China as revealed by SSR markers. 2012 , 298, 469-483	31
627	Genetic assessment of eight <i>Corchorus</i> spp. (Tiliaceae) using RAPD and ISSR markers. 2013 , 56, 23-30	5
626	Identification of genetic variations of cultivated and weedy types of <i>Perilla</i> species in Korea and Japan using morphological and SSR markers. 2013 , 35, 649-659	20
625	High-throughput genomics in sorghum: from whole-genome resequencing to a SNP screening array. 2013 , 11, 1112-25	53
624	Haplotype analysis of QTLs attributed to salinity tolerance in wheat (<i>Triticum aestivum</i>). 2013 , 40, 4661-71	11
623	Assessment of genetic diversity among and within <i>Carthamus</i> species using sequence-related amplified polymorphism (SRAP) markers. 2013 , 299, 1285-1294	19
622	Morphological and genetic diversity analysis of rice accessions (<i>Oryza sativa</i> L.) differing in iron toxicity tolerance. 2013 , 16, 53-62	22
621	Genetic relationship of a cucumber germplasm collection revealed by newly developed EST-SSR markers. 2013 , 92, 28-32	1
620	Dynamic genetic features of chromosomes revealed by comparison of soybean genetic and sequence-based physical maps. 2013 , 126, 1103-19	17
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618	Assessment of genetic diversity and interspecific relationships among three species of <i>Podophyllum</i> using AFLP markers and podophyllotoxin content. 2013 , 299, 1879-1887	8
617	Comparison of SSR and cytochrome P-450 markers for estimating genetic diversity in <i>Picrohiza kurrooa</i> L.. 2013 , 299, 1637-1643	7

616	Assessment of molecular diversity and evolutionary relationship of kenaf (<i>Hibiscus cannabinus</i> L.), roselle (<i>H. sabdariffa</i> L.) and their wild relatives. 2013 , 299, 619-629	17
615	Determination of the genetic diversity of vegetable soybean [<i>Glycine max</i> (L.) Merr.] using EST-SSR markers. 2013 , 14, 279-88	18
614	Development of amplified consensus genetic markers in Taxodiaceae based on <i>Cryptomeria japonica</i> ESTs data. 2013 , 24, 503-508	2
613	Evaluation of genetic diversity in cucumber (<i>Cucumis sativus</i> L.) germplasm using agro-economic traits and microsatellite markers. 2013 , 162, 278-284	13
612	Transferability of rice SSR markers to <i>Miscanthus sinensis</i> , a potential biofuel crop. 2013 , 191, 455-468	9
611	Microsatellites. 2013 ,	8
610	Biochemical systematic, population structure and genetic variability studies among Iranian <i>Cucurbita</i> (<i>Cucurbita pepo</i> L.) accessions, using genomic SSRs and implications for their breeding potential. 2013 , 50, 187-198	13
609	Genetic diversity in parent lines of sweet sorghum based on agronomical traits and SSR markers. 2013 , 149, 11-19	10
608	Genome-wide DNA polymorphisms in two cultivars of mei (<i>Prunus mume</i> sieb. et zucc.). 2013 , 14, 98	27
607	Analysis on genetic diversification and heterosis in autotetraploid rice. 2013 , 2, 439	32
606	Assessment of stability and viability of a jute hybrid (<i>Corchorus capsularis</i> L. × <i>C. trilobularis</i> L.) and its trueness based on RAPD markers. 2013 , 56, 163-170	3
605	Efficient multiplex simple sequence repeat genotyping of the oomycete plant pathogen <i>Phytophthora infestans</i> . 2013 , 92, 316-22	79
604	The use of microsatellite polymorphisms to characterise and compare genetic variability in <i>Avena strigosa</i> and <i>A. barbata</i> . 2013 , 60, 1153-1163	7
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601	Systemvergleich von Aluminium- und Stahlkolben für Pkw-Dieselmotoren. 2013 , 74, 768-773	
600	Multi-locus DNA fingerprinting and genetic diversity in jute (<i>Corchorus</i> spp.) based on sequence-related amplified polymorphism. 2013 , 22, 1-8	17
599	Development of EST-SSR markers and their utility in revealing cryptic diversity in safflower (<i>Carthamus tinctorius</i> L.). 2013 , 22, 90-102	14

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596	Barrier analysis detected genetic discontinuity among Ethiopian barley (<i>Hordeum vulgare</i> L.) landraces due to landscape and human mobility on gene flow. 2013 , 60, 297-309	6
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592	Development of an expressed gene catalogue and molecular markers from the de novo assembly of short sequence reads of the lentil (<i>Lens culinaris</i> Medik.) transcriptome. 2013 , 11, 894-905	52
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576	Development and utilization of genomic and genic microsatellite markers in Assam tea (<i>Camellia assamica</i> ssp. <i>assamica</i>) and related <i>Camellia</i> species. 2013 , 132, 748-763	15
575	Use of EST-SSR markers for genetic characterisation of commercial watermelon varieties and hybrid seed purity testing. 2013 , 41, 245-256	6
574	Morphological and molecular genetic variability analyses of Saudi lucerne (<i>Medicago sativa</i> L.) landraces. 2013 , 64, 137	9
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569	The population structure and diversity of eggplant from Asia and the Mediterranean Basin. 2013 , 8, e73702	60
568	Genetic variability of tissue cultured <i>Sorghum bicolor</i> (L) Moench as revealed by morphological traits and simple sequence repeats (SSR) markers. 2013 , 12, 1-7	3
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566	Detection of QTLs for important agronomical traits in hexaploid wheat using association analysis. 2013 , 49, 1-8	5
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558	Molecular investigation of two contrasting genotypes of <i>Medicago truncatula</i> to salt stress using two expressed sequence tag-simple sequence repeat (EST-SSRs) markers. 2014 , 13, 4046-4051	1
557	Molecular and Elemental Characterization of Selected Turkish Durum Wheat Varieties. 2014 , 42, 431-439	2
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554	Morphological and molecular diversity and genetic structure of Moroccan cultivated almond (<i>Prunus dulcis</i> Mill.) beside some foreign varieties. 2014 , 12, 308-316	4
553	Genetic diversity of Turkish commercial cotton varieties revealed by molecular markers and fiber quality traits. 2014 , 38, 1274-1286	4
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550	Molecular Diversity Analysis of Cowpea (<i>Vigna unguiculata</i> L.) Genotypes Determined by ISSR and RAPD Markers. 2014 , 7, 269	5
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538	Assessment of genetic diversity in <i>Clitoria ternatea</i> populations from different parts of India by RAPD and ISSR markers. 2014 , 61, 1597-1609	10
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516	Characterization of Novel <i>Trichoderma asperellum</i> Isolates to Select Effective Biocontrol Agents Against Tomato Fusarium Wilt. 2015 , 31, 50-60	82
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514	Genetic Diversity and Population Structure of Basmati Rice (<i>Oryza sativa</i> L.) Germplasm Collected from North Western Himalayas Using Trait Linked SSR Markers. 2015 , 10, e0131858	36
513	Genome-Wide Identification of SSR and SNP Markers Based on Whole-Genome Re-Sequencing of a Thailand Wild Sacred Lotus (<i>Nelumbo nucifera</i>). 2015 , 10, e0143765	14
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511	Molecular marker assisted gene stacking for biotic and abiotic stress resistance genes in an elite rice cultivar. 2015 , 6, 698	85
510	Identification and Evaluation of Single-Nucleotide Polymorphisms in Allotetraploid Peanut (<i>Arachis hypogaea</i> L.) Based on Amplicon Sequencing Combined with High Resolution Melting (HRM) Analysis. 2015 , 6, 1068	11
509	Morpho-physiological and Molecular Variability in Salt Tolerant and Susceptible Popular Cultivars and their Derivatives at Seedling Stage and Potential Parental Combinations in Breeding for Salt Tolerance in Rice. 2015 , 43, 236-248	6

508	Genetic Diversity of Selected Mangifera Species Revealed by Inter Simple Sequence Repeats Markers. 2015 , 2015, 1-8	7
507	GENETIC DIVERSITY OF ASIAN AND EUROPEAN PEAR USING SIMPLE SEQUENCED REPEATS MARKERS ANALYSIS. 2015 , 67-73	4
506	Identification and functional annotation of expressed sequencetags based SSR markers of Stevia rebaudiana. 2015 , 39, 439-450	9
505	Construction of EST-SSR Databases for Effective Cultivar Identification and Their Applicability to Complement for Lettuce (<i>Lactuca sativa</i> L.) Distinctness Test. 2015 , 06, 113-125	14
504	Development and crosstransferability of functionally relevant microsatellite markers in <i>Dendrocalamus latiflorus</i> and related bamboo species. 2015 , 94, 48-55	8
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494	Characterization of D-genome diversity for tolerance to boron toxicity in synthetic hexaploid wheat and in silico analysis of candidate genes. 2015 , 37, 1	4
493	Utility of RAPD marker for genetic diversity analysis in gamma rays and ethyl methane sulphonate (EMS)-treated <i>Jatropha curcas</i> plants. 2015 , 338, 75-82	6
492	E-microsatellite markers for <i>Centella asiatica</i> (Gotu Kola) genome: validation and cross-transferability in Apiaceae family for plant omics research and development. 2015 , 19, 52-65	6
491	SSR analysis of 38 genotypes of soybean (<i>Glycine Max</i> (L.) Merr.) genetic diversity in India. 2015 , 21, 109-15	27

490	Development, characterization and cross-species transferability of genomic SSR markers in berseem (<i>Trifolium alexandrinum</i> L.), an important multi-cut annual forage legume. 2015 , 35, 1	7
489	Genetic diversity of <i>Clavispora lusitaniae</i> isolated from <i>Agave fourcroydes</i> Lem, as revealed by DNA fingerprinting. 2015 , 53, 14-20	6
488	Genetic diversity in East African finger millet (<i>Eleusine coracana</i> (L.) Gaertn) landraces based on SSR markers and some qualitative traits. 2015 , 13, 45-55	8
487	Transferability of SSR Markers of <i>Brassica</i> sp. to Some Popular Varieties of <i>Brassica Juncea</i> . 2015 , 85, 1001-1010	10
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485	Genetic diversity of the black gram [<i>Vigna mungo</i> (L.) Hepper] gene pool as revealed by SSR markers. 2015 , 65, 127-37	23
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477	Detection of genetic variation in <i>Ocimum</i> species using RAPD and ISSR markers. 2015 , 5, 697-707	22
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474	Development and Characterization of EST-SSR Markers in <i>Taxodium hongshansa</i> 2015 , 33, 1804-1814	15
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470	Assessing genetic diversity among six populations of <i>Gossypium arboreum</i> L. using microsatellites markers. 2015 , 21, 531-9	6
469	Physiological and Molecular Characterization of Faba bean (<i>Vicia faba</i> L.) Genotypes for Adaptation to Drought Stress. 2015 , 201, 401-409	13
468	Application of EST-SSR marker in detection of genetic variation among purslane (<i>Portulaca oleracea</i> L.) accessions. 2015 , 38, 119-129	3
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466	Selection in <i>Artemisia umbelliformis</i> Lam. Piedmont ecotypes to improve cultivation in alpine environment. 2015 , 62, 567-577	4
465	Genetic diversity analysis among collected purslane (<i>Portulaca oleracea</i> L.) accessions using ISSR markers. 2015 , 338, 1-11	9
464	Application of ISSR markers to analyze molecular relationships in Iranian jasmine (<i>Jasminum</i> spp.) accessions. 2015 , 57, 65-74	12
463	Assessing genetic diversity of Egyptian hexaploid wheat (<i>Triticum aestivum</i> L.) using microsatellite markers. 2015 , 62, 377-385	14
462	Allelic diversity between and within three wild annual <i>Cicer</i> species. 2015 , 62, 177-188	2
461	Identification and cross-species amplification of microsatellite markers derived from expressed sequence data of rose species. 2015 , 24, 359-364	3
460	Detection of QTLs associated with salinity tolerance in durum wheat based on association analysis. 2015 , 201, 29-41	28
459	Genetic diversity of stay-green sorghums and their derivatives revealed by microsatellites. 2016 , 15, 1363-1374	7
458	Agro-morphological and molecular diversity in castor (<i>Ricinus communis</i> L.) germplasm collected from Andaman and Nicobar Islands, India. 2016 , 51, 96-109	9
457	Genetic diversity of Moroccan bitter vetch <i>Vicia ervilia</i> (L.) Willd. landraces revealed by morphological and SSR markers. 2016 , 10, 717-725	4
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455	ISSR molecular markers for the study of the genetic diversity of <i>Mimosa caesalpiniaefolia</i> Benth.. 2016 , 34, 47-52	9

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453	Pheno-morphological variation, genetic diversity and population structure of Tunisian Echinus Medic (<i>Medicago ciliaris</i> L.). 2016 , 15,	2
452	Genetic Relationships between Elite Oil Palms from Nigeria and Selected Breeding and Germplasm Materials from Malaysia via Simple Sequence Repeat (SSR) Markers. 2016 , 8, 159	5
451	Simple sequence repeats (SSR) and interspersed sequence repeats (ISSR) markers for genetic diversity analysis among selected genotypes of <i>Gossypium arboreum</i> race bengalense. 2016 , 15, 7-19	2
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449	QTL mapping of soybean oil content for marker-assisted selection in plant breeding program. 2016 , 15,	8
448	Assessment of genetic diversity in Brazilian barley using SSR markers. 2016 , 39, 86-96	18
447	Development of Microsatellite Markers and Analysis of Genetic Diversity and Population Structure of <i>Colletotrichum gloeosporioides</i> from Ethiopia. 2016 , 11, e0151257	26
446	The Development of Quality Control Genotyping Approaches: A Case Study Using Elite Maize Lines. 2016 , 11, e0157236	31
445	Molecular characterization and population structure study of cambuci: strategy for conservation and genetic improvement. 2016 , 15,	3
444	Genetic diversity and apple leaf spot disease resistance characterization assessed by SSR markers. 2016 , 16, 189-196	3
443	Simple sequence repeat markers support the presence of a single genotype of <i>Puccinia psidii</i> in Australia. 2016 , 65, 1084-1094	16
442	Gene expression analysis and SNP/InDel discovery to investigate yield heterosis of two rubber tree F1 hybrids. 2016 , 6, 24984	26
441	Comparison of Economically Important Loci in Landraces and Improved Wheat Cultivars from Pakistan. 2016 , 56, 287-301	12
440	Molecular diversity of <i>Annona</i> species and proximate fruit composition of selected genotypes. 2016 , 6, 204	15
439	Towards a genome-wide association (GWA) mapping approach in globe artichoke. 2016 , 51-56	1
438	Molecular diversity and population structure of the Ethiopian lentil (<i>Lens Culinaris</i> Medikus) genotype assessment using SSR markers. 2016 , 19, 1-11	4
437	Development of a core set of SNP markers for the identification of upland cotton cultivars in China. 2016 , 15, 954-962	12

436	Assessment of genetic diversity amongst Ugandan sesame (<i>Sesamum indicum</i> L.) landraces based on agromorphological traits and genetic markers. 2016 , 19, 117-124	10
435	Exploring novel genetic sources of salinity tolerance in rice through molecular and physiological characterization. 2016 , 117, 1083-97	69
434	Association analysis, genetic diversity and haplotyping of rice plants under salt stress using SSR markers linked to SalTol and morpho-physiological characteristics. 2016 , 302, 871-890	22
433	Genetic diversity of <i>Ustilago hordei</i> in Tibetan areas as revealed by RAPD and SSR. 2016 , 15, 2299-2308	5
432	Utilization of in silico EST-SSR markers for diversity studies in castor (L.). 2016 , 22, 535-545	9
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430	Mapping highly informative SSR markers in the genome of <i>Magnaporthe oryzae</i> from wheat. 2016 , 41, 331-335	
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428	In silico mining of microsatellites and analysis of genetic diversity among inter- and intra-generic aphids of the subfamily Aphidinae. 2016 , 160, 179-187	
427	Phylogenetic relationships of <i>Thinopyrum</i> and <i>Triticum</i> species revealed by SCoT and CDDP markers. 2016 , 302, 1301-1309	12
426	Current state of the genetic polymorphism in spring barley (<i>Hordeum vulgare</i> L.) from Russia assessed by the alleles of hordein-coding loci. 2016 , 52, 565-577	5
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423	Genotype Number and Allelic Diversity Overview in the National Collection of Chilean Potatoes. 2016 , 59, 227-240	2
422	Insight into the genetic variability analysis and cultivar identification of tall fescue by using SSR markers. 2016 , 153, 9	8
421	Microsatellite loci for <i>Urochloa decumbens</i> (Stapf) R.D. Webster and cross-amplification in other <i>Urochloa</i> species. 2016 , 9, 152	5
420	Development of SSR markers from <i>Musa balbisiana</i> for genetic diversity analysis among Thai bananas. 2016 , 302, 739-761	10
419	Diversity analysis based on agro-morphological traits and microsatellite based markers in global germplasm collections of roselle (<i>Hibiscus sabdariffa</i> L.). 2016 , 89, 303-315	19

4 ¹⁸	Single nucleotide polymorphism in sugar pathway and disease resistance genes in sugarcane. 2016 , 35, 1629-53	1
4 ¹⁷	Genetic diversity and virulence variation of <i>Sporisorium destruens</i> isolates and evaluation of broomcorn millet for resistance to head smut. 2016 , 211, 59-70	5
4 ¹⁶	Characterization of edible fig germplasm from Puglia, southeastern Italy: Is the distinction of three fig types (Smyrna, San Pedro and Common) still valid?. 2016 , 205, 52-58	12
4 ¹⁵	Genetic Variation for Salinity Tolerance in Pakistani Rice (<i>Oryza sativa</i> L.) Germplasm. 2016 , 202, 25-36	24
4 ¹⁴	Analysis of Genetic Diversity of Saccharum Complex Using Chloroplast Microsatellite Markers. 2016 , 18, 141-148	7
4 ¹³	Development of microsatellite markers for the plant bug, <i>Pachypeltis micranthus</i> (Hemiptera: Miridae). 2016 , 51, 327-331	4
4 ¹²	Confamiliar transferability of simple sequence repeat (SSR) markers from cotton (<i>Gossypium hirsutum</i> L.) and jute (<i>Corchorus olitorius</i> L.) to twenty two Malvaceous species. 2016 , 6, 65	15
4 ¹¹	Detection of genetic variation in sandalwood using various DNA markers. 2016 , 6, 55	14
4 ¹⁰	The SRAP based molecular diversity related to antifungal and antioxidant bioactive constituents for biocontrol potentials of <i>Trichoderma</i> against <i>Sclerotium rolfsii</i> Scc. 2016 , 62, 619-41	12
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4 ⁰⁸	Varietal Discrimination and Genetic Variability Analysis of <i>Cymbopogon</i> Using RAPD and ISSR Markers Analysis. 2016 , 179, 659-70	14
4 ⁰⁷	Genetic diversity among synthetic hexaploid wheat accessions (<i>Triticum aestivum</i>) with resistance to several fungal diseases. 2016 , 63, 1285-1296	24
4 ⁰⁶	Development of genic SSR marker resource from RNA-Seq data in <i>Dendrocalamus latiflorus</i> . 2016 , 25, 179-190	16
4 ⁰⁵	Novel microsatellite markers identification and diversity characterization in <i>Pteris cretica</i> L.. 2016 , 25, 104-110	2
4 ⁰⁴	Genetic Diversity in <i>Corchorus olitorius</i> Genotypes Using Jute SSRs. 2017 , 87, 917-926	10
4 ⁰³	Assessment of genetic variation among nineteen turmeric cultivars of Northeast India: nuclear DNA content and molecular marker approach. 2017 , 39, 1	10
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4 ⁰¹	Assessment of genetic diversity and DNA profiling of linseed (<i>Linum usitatissimum</i> subsp. <i>usitatissimum</i> L.) germplasm using SSR markers. 2017 , 26, 293-301	1

400	Genetic Diversity Analysis of Rice Germplasm in Tripura State of Northeast India Using Drought and Blast Linked Markers. 2017 , 24, 10-20	15
399	Characterization of <i>Phytophthora infestans</i> populations in northwestern Algeria during 2008-2014. 2017 , 121, 467-477	16
398	Genetic diversity and structure of the zombi pea (<i>Vigna vexillata</i> (L.) A. Rich) gene pool based on SSR marker analysis. 2017 , 145, 189-200	13
397	Molecular Characterization of Broomrape Populations from Republic of Moldova using SSR Markers. 2017 , 40,	5
396	Genetic diversity analysis of Iranian melon (<i>Cucumis melo</i> L.) accessions using ISSR markers. 2017 , 37-44	1
395	Assessment of genetic diversity on snake melon (<i>Cucumis melo</i> var. <i>flexuosus</i>) using ISSR markers in Iran. 2017 , 45-50	2
394	Assessment of genetic diversity of sesame accessions collected from different ecological regions using sequence-related amplified polymorphism markers. 2017 , 7, 82	7
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392	Identification of most important rice root morphological markers in response to contrasting moisture regimes under vegetative stage drought. 2017 , 39, 1	2
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390	Assessing heat stress tolerance and genetic diversity among exotic and Indian wheat genotypes using simple sequence repeats and agro-physiological traits. 2017 , 15, 208-220	4
389	Assessing genetic variation for heat stress tolerance in Indian bread wheat genotypes using morpho-physiological traits and molecular markers. 2017 , 15, 539-547	12
388	Genetic variability in Indian populations of banana corm weevil [<i>Cosmopolites sordidus</i> (Coleoptera: Curculionidae)] assessed by RAPDs and AFLPs. 2017 , 37, 149-162	5
387	Molecular and phytochemical analysis of wild type and olive cultivars grown under Saudi Arabian environment. 2017 , 7, 289	8
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384	Validation and characterization of a QTL for adult plant resistance to stripe rust on wheat chromosome arm 6BS (Yr78). 2017 , 130, 2127-2137	37
383	Genetic diversity spectrum and marker trait association for agronomic traits in global accessions of <i>Linum usitatissimum</i> L.. 2017 , 108, 604-615	5

382	Genetic relationships in wild olives (<i>Olea europaea</i> ssp. <i>oleaster</i>) by ISSR and RAPD markers. 2017 , 31, 897-904	5
381	Genome-wide development and utilization of novel intron-length polymorphic (ILP) markers in <i>Medicago sativa</i> . 2017 , 37, 1	11
380	Drought Tolerance in Irradiated Wheat Mutants Studied by Genetic and Biochemical Markers. 2017 , 36, 669-679	14
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373	RETRACTED ARTICLE: Peroxidase Gene-Based Estimation of Genetic Relationships and Population Structure Among Wild <i>Pistacia</i> Species Populations. 2017 , 55, 346	
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371	Population Structure and Genetic Diversity Analysis of Germplasm from the Winter Wheat Eastern European Regional Yield Trial (WWEERYT). 2017 , 57, 812-820	2
370	Barcode System for Genetic Identification of Soybean [<i>(L.) Merrill</i>] Cultivars Using InDel Markers Specific to Dense Variation Blocks. 2017 , 8, 520	17
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368	Anthropization as a determinant factor in the genetic structure of <i>Copernicia prunifera</i> (Arecaceae). 2017 , 16,	2
367	Mating system and intrapopulational genetic diversity of <i>Copernicia prunifera</i> (Arecaceae): a native palm from Brazilian semiarid. 2017 , 16,	2
366	Assessment of allelic diversity among drought-resistant cotton genotypes using microsatellite markers. 2017 , 16,	1
365	Genetic diversity among muskmelon (<i>Cucumis melo</i> L.) germplasm in Bangladesh as revealed by microsatellite markers. 2017 , 12, 3203-3213	2

364	Comparison of relative efficiency of genomic SSR and EST-SSR markers in estimating genetic diversity in sugarcane. 2018 , 8, 144	33
363	Genetic variation among Saudi tomato (<i>L.</i>) landraces studied using SDS-PAGE and SRAP markers. 2018 , 25, 1007-1015	9
362	Patterns of Allelic Diversity in Spring Wheat Populations by SSR-Markers. 2018 , 52, 155-160	8
361	Morphological and molecular dissection of wild rices from eastern India suggests distinct speciation between <i>O. rufipogon</i> and <i>O. nivara</i> populations. 2018 , 8, 2773	17
360	Improved Tapaswini having four BB resistance genes pyramided with six genes/QTLs, resistance/tolerance to biotic and abiotic stresses in rice. 2018 , 8, 2413	32
359	Relationship between chemotypic and genetic diversity of natural populations of <i>Artemisia herba-alba</i> Asso growing wild in Tunisia. 2018 , 148, 48-56	10
358	Comparative analysis of the efficiency of intron-length polymorphism of β tubulin genes and microsatellite loci for flax varieties genotyping. 2018 , 52, 1-10	11
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356	Phylogeny relationship among commercial and wild pear species based on morphological characteristics and SCoT molecular markers. 2018 , 235, 323-333	13
355	Assessment of germplasm diversity and genetic relationships among walnut (<i>Juglans regia</i> L.) genotypes through microsatellite markers. 2018 , 17, 339-350	5
354	Evaluation of genetic diversity of Forssk from Saudi Arabia. 2018 , 25, 123-129	1
353	Understanding genetic relationship and population structure of Indian soybean varieties using microsatellite markers. 2018 , 88, 1091-1100	2
352	Assessing genetic diversity of Citrus by DArT_seqâgenotyping. 2018 , 152, 593-598	4
351	Genetic diversity and population structure analysis of <i>Pistacia</i> species revealed by phenylalanine ammonia-lyase gene markers and implications for conservation. 2018 , 29, 991-1001	1
350	Microsatellite-based characterization of cotton genotypes for verticillium wilt and fiber quality traits. 2018 , 43, 277-288	1
349	Genetic diversity of cucumber estimated by morpho-physiological and EST-SSR markers. 2018 , 24, 135-146	9
348	Genetic structure and variation in <i>Perovskia abrotanoides</i> Karel and <i>P. atriplicifolia</i> as revealed by molecular and morphological markers. 2018 , 230, 169-177	10
347	Characterization of <i>Fusarium oxysporum</i> f. sp. <i>melongenae</i> isolates from Turkey with ISSR markers and DNA sequence analyses. 2018 , 150, 609-621	8

346	Assessment of salt tolerance and variability within some rice germplasm using microsatellites. 2018 , 10, 262-272	
345	Exploring SNP diversity in wheat landraces germplasm and setting of a molecular barcode for fingerprinting. 2018 , 46, 377-387	6
344	Genetic diversity and phylogenetic relationships of a potential cotton collection for European breeding research. 2018 , 42,	1
343	An integrated model to accelerate the development of seed-propagated varieties of globe artichoke. 2018 , 18, 72-80	6
342	Genome-Wide Mining and Characterization of SSR Markers for Gene Mapping and Gene Diversity in <i>Gossypium barbadense</i> L. and <i>Gossypium darwinii</i> G. Watt Accessions. 2018 , 8, 181	3
341	Documentation of virulence and races of pv. in India and its correlation with genetic diversity revealed by repetitive elements (REP, ERIC, and BOX) and ISSR markers. 2018 , 8, 479	2
340	Mark E. Sorrells. 2018 , 1-38	
339	Genetic Diversity and Resistance to Fusarium Head Blight in Synthetic Hexaploid Wheat Derived From and Diverse Subspecies. 2018 , 9, 1829	11
338	Revealing Genetic Relationship and Prospecting of Novel Donors Among Upland Rice Genotypes Using qDTY-Linked SSR Markers. 2018 , 25, 308-319	4
337	Identification of high-efficiency SSR markers for assessing watermelon genetic purity. 2018 , 97, 1295-1306	7
336	Incidence and Molecular Identification of <i>Cochliobolus carbonum</i> as Causal Organism of Rice Seedling Blight. 2018 , 7, 652-662	1
335	Genetic variation of <i>Colletotrichum magnum</i> isolated from <i>Carica papaya</i> as revealed by DNA fingerprinting. 2018 , 56, 813-821	2
334	Inter and intra-specific molecular and chemical diversity of elite accessions of aromatic grasses <i>Cymbopogons</i> . 2018 , 11, 54-60	2
333	Molecular diversity of tomato germplasm (<i>Lycopersicon esculentum</i> L.) using lycopene specific markers. 2018 , 16, 340-346	2
332	Molecular heterozygosity and genetic exploitations of <i>Trichoderma</i> inter-fusants enhancing tolerance to fungicides and mycoparasitism against <i>Sclerotium rolfsii</i> Sacc. 2018 , 66, 26-36	4
331	Four-Parent Maize (FPM) Population: Development and Phenotypic Characterization. 2018 , 58, 1106-1117	8
330	Construction of a proteome reference map and response of <i>Gaeumannomyces graminis</i> var. <i>tritici</i> to 2,4-diacetylphloroglucinol. 2018 , 122, 1098-1108	1
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326	Molecular marker analysis of genetic diversity in relation to reproductive behaviour of <i>Commiphora wightii</i> populations distributed in Gujarat and Rajasthan states of India. 2018 , 117, 141-148	0
325	Molecular profiling of foxtail millet (<i>Setaria italica</i> (L.) P. Beauv) from Central Himalayan Region for genetic variability and nutritional quality. 2018 , 156, 333-341	5
324	Genetic diversity and population structure among 133 elite genotypes of sugarcane (spp.) for use as parents in sugarcane varietal improvement. 2018 , 8, 339	4
323	Genetic diversity among and within <i>Ferula asafoetida</i> H. Karst. populations using molecular and phytochemical markers. 2018 , 155, 19-29	4
322	Genetic structure and variation in different Iranian myrtle (<i>Myrtus communis</i> L.) populations based on morphological, phytochemical and molecular markers. 2018 , 123, 489-499	10
321	Phylogentic relationship of cold tolerant <i>Mentha arvensis</i> variety "IM Kranti" with some released varieties as assessed through physiological and molecular analysis. 2018 , 10, 67-74	3
320	Genetic differentiation within <i>Vetiveria zizanioides</i> : selection and breeding of commercial perfumery grass Vetiver. 2018 , 24, 323-331	2
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318	Assessment of Genetic Diversity, Population Structure, and Evolutionary Relationship of Uncharacterized Genes in a Novel Germplasm Collection of Diploid and Allotetraploid Accessions Using EST and Genomic SSR Markers. 2018 , 19,	11
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316	Brown Hare's (<i>Lepus europaeus</i>) Histone H1 Variant H1.2 as an Indicator of Anthropogenic Stress. 2018 , 75, 576-584	2
315	Genetic variation of bread wheat accessions in response to the cereal cyst nematode, <i>Heterodera filipjevi</i> . 2018 , 20, 859-875	7
314	Genetic diversity and conservation of two threatened dipterocarps (Dipterocarpaceae) in southeast Vietnam. 2019 , 30, 1823-1831	7
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311	Transcriptome sequencing, de novo assembly, characterisation of wild accession of blackgram (<i>Vigna mungo</i> var. <i>silvestris</i>) as a rich resource for development of molecular markers and validation of SNPs by high resolution melting (HRM) analysis. 2019 , 19, 358	13

310	Genetic Structure Analysis of a Collection of Tunisian Durum Wheat Germplasm. 2019 , 20,	11
309	Genetic structure and variation of moshgak (<i>Ducrosia anethifolia</i> Boiss.) Populations based on morphological and molecular markers. 2019 , 257, 108668	1
308	Genetic diversity and linkage disequilibrium using SNP (KASP) and AFLP markers in a worldwide durum wheat (<i>Triticum turgidum</i> L. var <i>durum</i>) collection. 2019 , 14, e0218562	13
307	Assessment of genetic diversity of upland rice (<i>Oryza sativa</i> L.) genotypes from North Eastern Hill Region of India. 2019 , 32, 407-419	2
306	Assessment of Genetic Diversity of Drought Tolerant and Susceptible Rice Genotypes Using Microsatellite Markers. 2019 , 26, 239-247	19
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304	Molecular characterization of apple (<i>Malus domestica</i> Borkh.) genotypes originating from three complementary conservation strategies. 2019 , 43, 464-477	11
303	A status of guinea fowl (<i>Numida meleagris</i>) and pheasant (<i>Phasianus colchicus</i>) population transferred from wildlife to the breeding assessed based on the histone H1.â¸ polymorphic variation. 2019 , 12, 145-151	3
302	Genetic diversity in some Ghanaian and Malian sorghum [<i>Sorghum bicolor</i> (L) Moench] accessions using SSR markers. 2019 , 18, 591-602	1
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300	Evaluation of genetic relationship among varieties of L. and L. in West Africa using ISSR markers. 2019 , 5, e01700	8
299	Genetic diversity and population structure of Indian soybean (<i>G. (L.) Merr.</i>) as revealed by microsatellite markers. 2019 , 25, 953-964	3
298	Assessment of genetic diversity among local pea (<i>Pisum sativum</i> L.) accessions cultivated in the arid regions of Southern Tunisia using agro-morphological and SSR molecular markers. 2019 , 66, 1189-1203	10
297	First microsatellite markers developed and applied for the genetic diversity study and population structure of <i>Didymella pisi</i> associated with ascochyta blight of dry pea in Montana. 2019 , 123, 384-392	4
296	Genetic diversity of rice (<i>Oryza sativa</i> L.) accessions collected from Sudan and IRRI using SSR markers. 2019 , 14, 143-150	3
295	Assessment of genetic diversity in yardlong bean (<i>Vigna unguiculata</i> (L.) Walp subsp. <i>sesquipedalis</i> Verdc.) germplasm from India using RAPD markers. 2019 , 66, 1231-1242	3
294	Development of a core set of KASP markers for assaying genetic diversity in <i>Brassica rapa</i> subsp. <i>chinensis</i> Makino. 2019 , 138, 309-324	8
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291	Assessment of genetic variation of 15 Thai elite rice cultivars using InDel markers. 2019 , 19, 15-21	4
290	Diversity genotyping of Indian coffee (<i>Coffea arabica</i> L.) germplasm accessions by using SRAP markers. 2019 , 33, 327-345	9
289	Characterisation of <i>Phytophthora infestans</i> Isolates of Potato Crops from Spain. 2019 , 62, 453-463	2
288	Genome-wide mapping of adult plant stripe rust resistance in wheat cultivar Toni. 2019 , 132, 1693-1704	4
287	Discovery and Utilization of EST-SSR Marker Resource for Genetic Diversity and Population Structure Analyses of a Subtropical Bamboo, <i>Dendrocalamus hamiltonii</i> . 2019 , 57, 652-672	8
286	Mobile genomic element diversity in world collection of safflower (<i>Carthamus tinctorius</i> L.) panel using iPBS-retrotransposon markers. 2019 , 14, e0211985	21
285	Genetic diversity of zombi pea (<i>Vigna vexillata</i>) assessed by microsatellite markers. 2019 , 143-150	0
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280	Research Article Genetic diversity in cowpea landraces analyzed by ISSR markers. 2019 , 18,	3
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278	Morphological and SSR marker-based genetic diversity analysis of Indian mustard (<i>Brassica juncea</i> L.) differing in <i>Alternaria brassicicola</i> tolerance. 2019 , 215, 1	2
277	RETRACTED: Characterization of wheat (<i>Triticum aestivum</i> L.) genotypes unraveled by molecular markers considering heat stress. 2019 , 4, 41-51	1
276	Molecular characterization of Malaysian rice cultivars using SSR markers. 2019 ,	1
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274	Analysis of genetic diversity and population structure in <i>Nigella sativa</i> L. using agronomic traits and molecular markers (SRAP and SCoT). 2019 , 130, 170-178	20
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272	Morphology and genetics of <i>Lythrum salicaria</i> from latitudinal gradients of the Northern Hemisphere grown in cold and hot common gardens. 2019 , 14, e0208300	4
271	Genetic Variability and DNA Fingerprinting of Elite Mango Genotypes of India Using Microsatellite Markers. 2019 , 89, 1251-1258	0
270	Genetic Diversity Analysis of <i>Hedychium</i> Species Based on RAPD and ISSR Markers. 2019 , 89, 623-629	2
269	Exploitation of Walnut (<i>Juglans regia</i> L.) Expressed Sequence Tags for Development of SSR Markers After In Silico Analysis. 2019 , 89, 267-274	
268	Novel in silico EST-SSR markers and bioinformatic approaches to detect genetic variation among peach (<i>Prunus persica</i> L.) germplasm. 2020 , 31, 1359-1370	1
267	Molecular genetic diversity analysis for heat tolerance of indigenous and exotic wheat genotypes. 2020 , 29, 15-23	4
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