


5. Ainsworth C 1995 Personal communication.


19. Allan RE, Heyne EG, Jones ET & Johnston CO 1959 Genetic analysis of ten sources of


3 REFERENCES


48. Autrique E, Singh RP, Tanksley SD & Sorrells ME 1995 Molecular markers for four leaf rust resistance genes introgressed into wheat from wild species. Genome 38: 75-83.


58. Banks PM 1996 Personal communication.


96. Bennett FGA 1982 Personal communication.
101. Bergman JW & Williams ND 1972 Isozyme variants of esterase and malate dehydrogenase


119. Bosch A, Vega C & Benito C 1987 The peroxidase isozymes of the wheat kernel: tissue and substrate specificity and their chromosomal location. Theoretical and Applied Genetics 73:
126. Breiman A 1995  Personal communication.
129. Bressman EN 1931  Varietal resistance, physiologic specialization and inheritance studies in bunt of wheat. Oregon Agricultural Experiment Station Bulletin 281: 44 pp..
163. Carrillo JM, Vazquez JF & Orellana J 1990 Linkage relationships between the loci *Sec 1* and *Sec 3* in rye. Heredity 64: 125-130.


175. Chandler P 1995 Personal communication.


182. Chen XM & Line RF 1993 Inheritance of stripe rust resistance in wheat cultivars postulated to have resistance genes at *Yr3* and *Yr4* loci. Phytopathology 83: 382-388.


184. Chen XM, Jones SS & Line RF 1996 Chromosomal location of genes for resistance to *Puccinia striiformis* in seven wheat cultivars with resistance genes at the *Yr3* and *Yr4* loci. Phytopathology 86: 1228-1233.


212. Collinge D 1994 Personal communication.


237. Delibes A, Otero C & Garcia-Olmedo F 1981 Biochemical markers associated with two M<sup>v</sup> chromosomes from Aegilops ventricosa in wheat - Aegilops addition lines. Theoretical and Applied Genetics 60: 5-10.
246. Devos KM 1996 Personal communication.
257. Dhaliwal HS, Sharma SK & Randhawa AS 1986 How to overcome hybrid necrosis in


269. Driscoll CJ Personal communication.


289. Dvorak J & Chen KC 1984 Distribution of nonstructural variation between wheat cultivars along chromosome arm 6Bp: evidence from the linkage map and physical map of the arm. Genetics 106: 325-333.


306. Dyck PL Personal communication.


325. Dyck PL, Kerber ER & Lukow OM 1987 Chromosome location and linkage of a new gene (Lr33) for reaction to Puccinia recondita. Genome 29: 463-466.


338. Endo TR & Tsunewaki K 1975 Sterility of common wheat with Aegilops triuncialis


344. Faris JD 1996 Tsc1 for tan spot resistance. Personal communication.

345. Faris JD 1997 Personal communication.


347. Favret EA 1979 Personal communication.


358. Fick GN & Qualset CO 1973 Inheritance and distribution of grass-dwarfing genes in short-
364. Fisher J Personal communication.
379. Friebe B 1992 Personal communication.
380. Friebe B 1994 Personal communication.
387. Friebe B, Jellen EN & Gill BS 1996 Verification of the identity of the Chinese Spring ditelosomic stocks Dt7DS and Dt7DL. Wheat Information Service 83: 31-32.
399. Gale MD 1993 Personal communication.
400. Gale MD Personal communication.


419. Galli G & Feldman M 1983 Genetic control of endosperm proteins in wheat 2. Variation in high-molecular-weight glutenin and gliadin subunits of Triticum aestivum. Theoretical and
Applied Genetics 66: 77-86.


442. Gill BS, Wilson DL, Raupp JH, Cox TS, Amri A & Sears RG 1991 Registration of
23 REFERENCES

KS89WGRC3 and KS89WGRC6 Hessian fly-resistant hard red winter wheat germplasm. Crop Science 31: 245.


450. Giorgi B & Mosconi C 1982 Short-straw mutants and other dwarfing gene sources used for the improvement of wheats and barley in Italy. IAEA Tecdoc: Semi-dwarf Cereal Mutants and Their Use in Cross-breeding 268: 53-64.


459. Gornicki P, Faris J, King I, Podkowinski J, Gill B & Haselkorn R 1998 Plastid-localized acetyl-CoA carboxylase of bread wheat is encoded by a single gene on each of the three ancestral chromosome sets. Proceedings of the National Academy of Sciences, USA 94:
REFERENCES

14179-14184.


466. Grama A & Gerechter-Amitai ZK 1974 Inheritance of resistance to stripe rust (Puccinia striiformis) in crosses between wild emmer (Triticum dicoccoides) and cultivated tetraploid and hexaploid wheats II. Triticum aestivum. Euphytica 23: 393-398.


483. Gupta RB, Singh NK & Shepherd KW 1988 The cumulative effect of allelic variation in LMW and HMW glutenin subunits on dough properties in the progeny of two bread wheats. Theoretical and Applied Genetics 77: 57-64.


REFERENCES

514. Hart GE 1996 Personal communication.


537. Hermsen JG Th Personal communication.
546. Heyne EG Personal communication.
557. Hoogendoorn J 1985 A reciprocal F1 monosomic analysis of the genetic control of the time
of ear emergence, number of leaves and number of spikelets in wheat (*Triticum aestivum* L.). Euphytica 34: 545-558.


575. Hurkman WJ, Lane BG & Tanaka CK 1994 Nucleotide sequence of a transcript encoding a
Germin-like protein that is present in salt-stressed barley roots. Plant Physiology 104: 803-904.


593. Jampates R & Dvorak J 1986 Location of the Ph1 locus in the metaphase chromosome map and the linkage map of the 5Bq arm of wheat. Canadian Journal of Genetics and Cytology 28: 511-519.


598. Jia J, Devos KM, Chao S, Miller TE, Reader SM & Gale MD 1996 RFLP-based maps of homoeologous group-6 chromosomes of wheat and their application in the tagging of Pm12, a powdery mildew resistance gene transferred from Aegilops speltoides to wheat. Theoretical and Applied Genetics 92: 559-565.

599. Jia JZ 1993 Personal communication.


604. Johnson R Personal communication.


614. Jolly CJ, Glenn GM & Rahman S 1996 GSP-1 genes are linked to the grain hardness locus (Ha) on wheat chromosome 5D. Proceedings of the National Academy of Sciences, USA 93: 2408-2413.


616. Jones SS 1995 Personal communication.


619.


621. Joppa LR Personal communication.


646. Kerber ER 1991 Personal communication.

647. Kerber ER Personal communication.


651. Kerber ER & Dyck PL 1990 Transfer to hexaploid wheat of linked genes for adult-plant leaf rust and seedling stem rust resistance from an ampliploid of Aegilops speltoides x Triticum monococcum. Genome 33: 530-537.


668. Knackstedt MA 1995 Personal communication.


675. Knott DR 1965 A comparison of the reaction to stem rust of wheat lines backcrossed five and nine times to Marquis that carry the same resistance genes. Canadian Journal of Plant


686. Knott DR Personal communication.


702. Koebner RMD Personal communication.


715. Koluchii VT 1987 Association of gliadin allelic variance with elements of productivity of winter wheat in F2 hybrids from crossing the varieties Pionerskaya and Mironovskaya 808. In: Molecular Mechanisms of Genetic Processes, Abstracts of Reports of the Sixth All-Union Symposium (In Russian), Moscow: p. 121.


754. Lagudah ES & Halloran GM 1988 Phylogenetic relationships of Triticum tauschii, the D


760. Laikova LI, Maystrenko OI, Gaidalensk RF & Mischenko SV 1980 (Cytogenetic study of the series ditelosomic lines for spring common wheat cultivar Saratovskaya 29). [In Russian]. Actual Questions of Plant Genetics and Breeding, Novosibirsk, 171


769. Law CN Personal communication.


784. Lazarus CM, Baulcombe DC & Martionssen RA 1985 Amylase genes of wheat are two multigene families which are differentially expressed. Plant Molecular Biology 5: 13-24.


816. Liu CJ, Chao S & Gale MD 1989 The genetical control of tissue specific peroxidases, *Per-1*, *Per-2*, *Per-3*, *Per-4*, and *Per-5* in wheat. Theoretical and Applied Genetics 79: 305-313.


827. Loegering WQ Personal communication.


831. Loegering WQ & Sears ER 1970 *Sr9d*- a gene in Hope wheat for reaction to *Puccinia graminis tritici*. Zeitschrift fur Pflanzenzuchtung 64: 335-339.


835. Longwell AR & Svhila G 1960 Specific chromosomal control of the nucleolus and of the


842. Luig NH Personal communication.


856. Ma H & Hughes GR 1993 Personal communication.


859. Ma ZQ 1994 Personal communication.


862. Ma ZQ, Gill BS, Sorrells ME & Tanksley SD 1993 RFLP markers linked to two Hessian fly resistance genes in wheat (*Triticum aestivum* L.) from *Triticum tauschii* (Coss.) Schmal. Theoretical and Applied Genetics 85: 750-754.


864. Ma ZQ, Sorrells ME & Tanksley SD 1994 RFLP markers linked to powdery mildew resistance genes *Pm1*, *Pm2*, *Pm3* and *Pm4a* in wheat. Genome 37: 871-875.

865. Ma ZQ, Zhao ZH & Sorrells ME 1995 Inheritance and chromosomal location of a male fertility restoring gene transferred from *Aegilops umbellulata* Zhuk. to *Triticum aestivum* L. Molecular and General Genetics 247: 351-357.


870. Maan SS 1994 Interactions between the *scs* and *Vi* genes in alloplasmic durum wheat. Genome 37: 210-216.

871. Maan SS Personal communication.


876. MacDonald MD 1987 Registration of two winter wheat disomic whole chromosome substitution germplasm lines. Crop Science 27: 1097.


886. Maystrenko OI 1986 Personal communication.


893. Marais GF 1997 Personal communication.


915. Mattern PJ, Morris R, Schmidt JW & Johnson VA 1973 Location of genes for kernel properties in the wheat variety 'Cheyenne' using chromosome substitution lines. Proceedings of the 4th International Wheat Genetics Symposium Columbia, Missouri (Sears ER & Sears...


922. Maystrenko OI 1993 Personal communication.


925. Maystrenko OI 1993 Personal communication.

926. Maystrenko OI & Gamzikova OI 1993 Personal communication.


931. McIntosh RA 1978 Cytogenetical studies in wheat. X. Monosomic analysis and linkage studies involving genes for resistance to Puccinia graminis f. sp. tritici in cultivar Kota. Heredity 41: 71-82.


939. McIntosh RA Unpublished.

940. McIntosh RA & Arts CJ 1996 Genetic linkage of the Yr1 and Pm4 genes for stripe rust and powdery mildew resistances in wheat. Euphytica 89: 401-403.


947. McIntosh RA & Bennett FGA 1978 Telocentric mapping of genes Pm3a and Hg on chromosome 1A of hexaploid wheat. Cereal Research Communications 6: 9-14.


951. McIntosh RA & Luig NH 1973 Recombination between genes for reaction to Puccinia graminis at or near the Sr9 locus. Proceedings of the 4th International Wheat Genetics Symposium, Columbia, Missouri (Sears ER & Sears LMS eds.): 425-532.


953. McIntosh RA et al 1998 Personal communication.


964. McIntosh RA, Johnson R & Hare RA 1981 Cytogenetical studies in wheat XI. Sr9g for reaction to Puccinia graminis tritici. Zeitschrift fur Pflanzenzuchtung 87: 274-289.


967. McIntosh RA, Partridge M & Hare RA 1980 Telocentric mapping of Sr12 in wheat chromosome 3B. Cereal Research Communications 8: 321-324.


REFERENCES


986. Merker A 1982 "Veery"- a CIMMYT spring wheat with the 1B/1R chromosome translocation. Cereal Research Communications 10: 105-106.


51

REFERENCES

Genetics Symposium Columbia, Missouri (Sears ER & Sears LMS eds.): 179-184.


1000. Metzger RJ Personal communication.

1001. Metzger RJ & Schaller CW Personal communication.


1017. Miller TE, Reader SM, Ainsworth CC & Summers RW 1987 The introduction of a major gene for resistance to powdery mildew of wheat, Erysiphe graminis f. sp. tritici, from


1027. Moonen JHE & Zeven AC 1984 SDS-PAGE of the high-molecular-weight subunits of wheat glutenin and the characterization of 1R(1B) substitution and 1BL/1RS translocation lines. Euphytica 33: 3-8.


1037. Morris LD, Raupp WJ & Gill BS 1990 Isolation of Hf genome chromosome additions from polyploid Elymus trachycaulus (SSHfHf) into common wheat (Triticum aestivum). Genome 33: 16-22.


1095. Ohm HW 1988a Personal communication.

1096. Ohm HW 1988b Personal communication.


1098. Ohm HW, Sharma HC, Patterson FL, Ratcliffe RH & Obanni M 1995 Linkage relationships among genes on wheat chromosome 5A that condition resistance to Hessian fly. Crop


1103. Panin VM & Netsvetaev VP 1986 (Genetic control of gliadins and some morphological characters of spike in durum winter wheats.). [In Russian]. Nauchno-Tekhnicheski Bull. VSG I. Odessa 2: 31-36.

1104. Patterson FL Personal communication.


1111. Paull J 1990 Personal communication.


1114. Payne PI 1989 Personal communication.

1115. Payne PI Personal communication.


REFERENCES order by RefID

International Wheat Genetics Symposium IPSR, Cambridge, UK (Miller TE & Koebner RMD eds.): 999-1002.


Zeitschrift fur Pflanzenzuchtung 82: 212-217.


1149. Poperelya FA & Sozinov AA 1977 Electrophoresis of gliadin as a method for identification of wheats in which B-chromosome 1 is completely or partially replaced by R-chromosome 1. Doklady VASKLNIL 2: 2-4. [English translation].

1150. Porter DR 1993 Personal communication.


1157. Priestley RH 1978 Detection of increased virulence in populations of wheat yellow rust. \textit{In},
REFERENCES


1178. Quail P Personal communication.


1195. Rao MVP 1981 Telocentric mapping of the arm inhibitor gene Hd on chromosome 4B of
common wheat. Cereal Research Communications 9: 335-337.


1199. Raupp J 1991 Personal communication.


1209. Ren SX, McIntosh RA, Sharp PJ & The TT 1996 A storage protein marker associated with the suppressor of *Pm8* for powdery mildew resistance in wheat. Theoretical and Applied Genetics 93: 1054-1060.


1212. Richards R 1988 Personal communication.


1217. Riley R, Chapman V & Johnson R 1968 Introduction of yellow rust resistance of *Aegilops*
REFERENCES


1262. Sanchez-Monge R, Fernandez JA & Salcedo G 1987 Subunits of tetrameric a-amylase inhibitors of *Hordeum chilense* are encoded by genes located in chromosomes 4H<sup>ch</sup> and 7H<sup>ch</sup>. Theoretical and Applied Genetics 74: 811-816.


1273. Schafer JF, Caldwell RM, Patterson FL, Compton LE, Gallun RL & Roberts JJ 1968 Arthur soft red winter wheat, a breakthrough to a new yield level. Research Program Report Purdue University Agricultural Experiment Station, Lafayette, Indiana 335: 4pp..


1303. Sears ER 1984 Mutations in wheat that raise the level of meiotic chromosome pairing. In Gene Manipulation in Plant Improvement, 16th Stadler Genetics Symposium, Columbia, Missouri, USA (Gustafson JP ed.): 295-300.
1304. Sears ER Personal communication.


1350. Singh D, Park RF, Bariana HS & McIntosh 2001 Chromosome location and linkage studies of leaf rust resistance gene Lr17b in wheat cultivar Harrier. Plant Breeding 120: 7-12.


1355. Singh NK & Shepherd KW 1984 A new approach to studying the variation and genetic


1375. Singh RP & Rajaram S 1994 Genetics of adult plant resistance to stripe rust in ten bread


1382. Singh RP, Villareal RL, Rajaram S & Deltoro E 1989 Cataloguing dwarfing genes Rht1 and Rht2 in germplasm used by the bread wheat breeding program at CIMMYT. Cereal Research Communications 17: 273-279.


1399. Snape JW, Flavell RB, O'dell M, Hughes WG & Payne PI 1985 Intra-chromosomal mapping of the nucleolar organiser region relative to three marker loci on chromosome 1B of wheat (*Triticum aestivum*). Theoretical and Applied Genetics 69: 263-270.


1432. Stuckey J & Driscoll CJ Personal communication.


1456. Talbert LE, Bruckner PL, Smith LY, Sears R & Martin TJ 1996 Development of PCR markers linked to resistance to wheat streak mosaic virus in wheat. Theoretical and Applied


1461. The TT Personal communication.

1462. The TT & McIntosh RA 1975 Cytogenetical studies in wheat. VIII. Telocentric mapping and linkage studies involving *Sr22* and other genes in chromosome 7AL. Australian Journal of Biological Sciences 28: 531-538.


1464. The TT, McIntosh RA & Bennett FGA 1979 Cytogenetical studies in wheat. IX. Monosomic analyses, telocentric mapping and linkage relationships of genes *Sr21*, *Pm4*, and *Mle*. Australian Journal of Biological Sciences 32: 115-125.


1467. Thomas JB & Conner RI 1986 Resistance to colonization by the wheat curl mite in *Aegilops squarrosa* and its inheritance after transfer to common wheat. Crop Science 26: 527-530.


1476. Torres JV & Garcia-Olmedo F 1974 Chromosomal location of a gene that controls sterol


1496. Tsunewaki K 1969 Necrosis genes in *Triticum macha*, *T. spelta* and *T. vavilovii*. Wheat


Tsunewaki K 1998 Personal communication.


Urbano M, Resta P, Benedettelli S & Bianco A 1989 *A Dasypyrum villosum* (L.) Candargy


1528. Van Campenhout S & Volckaert G 1997 PCR-based isolation and chromosome assignment of members of the Em gene family of wheat. DNA Sequence: 289-300.


1532. Van Silfhout CH Personal communication.


1536. Walker-Simmons MK 1995 Personal communication.


1555. Watson IA & Luig NH Personal communication.


1572. Westhoff P 1988 Personal communication.

1573. Whelan EDP 1988 Personal communication.


1576. Whelan EDP & Thomas JB 1989 Chromosomal location in common wheat of a gene (Cmc1) from Aegilops squarrosa that conditions resistance to colonisation by the leaf curl mite. Genome 32: 1033-1036.


1581. Williams ND & Kaveh H 1976 Relationships of genes for reaction to stem rust from 'Marquis' and 'Reliance' wheat to other Sr genes. Crop Science 16: 561-564.


1594. Worland AJ 1995 Personal communication.


1617. Yamamori M, Nakamura T, Endo TR & Nagamine T 1994 Waxy protein deficiency and


1632. Zeven AC 1968 Third supplementary list of wheat varieties classified according to their genotype for hybrid necrosis. Euphytica 17: 46-53.

1633. Zeven AC 1969 Fourth supplementary list of wheat varieties classified according to their genotype for hybrid necrosis. Euphytica 18: 43-57.


1635. Zeven AC 1971 Fifth supplementary list of wheat varieties classified according to their genotype for hybrid necrosis and geographical distribution of Ne-genes. Euphytica 20: 239-254.

1636. Zeven AC 1972 Determination of the chromosome and its arm carrying the NeI-locus of Triticum aestivum L., Chinese Spring and the NeI-expressivity. Wheat Information Service
33-34: 4-6.

1637. Zeven AC 1973 Sixth supplementary list of wheat varieties classified according to their genotype for hybrid necrosis and geographical distribution of Ne-genes. Euphytica 22: 618-632.


1639. Zeven AC 1981 Eighth supplementary list of wheat varieties classified according to their genotype for hybrid necrosis. Euphytica 30: 521-539.


1644. Zeven AC Personal communication.

1645. Zeven AC & Knott DR Personal communication.


1657. Etremova TT, Mavstrenko OL, Arbuzova VS & Laikova LI 1998 Genetic analysis of glume
colour in common wheat cultivars from the former USSR. Euphytica 102: 211-218.


9919. Singh NK, Shepherd KW & McIntosh RA 1990 Linkage mapping of genes for resistance to leaf rust, stem rust and stripe rust and omega-secalins on the short arm of rye chromosome 1R. Theoretical and Applied Genetics 80: 609-616.


9928. Boyko EV 1999 Personal communication.


9981. Metakovsky EV Personal communication.


0010. Boshoff WPH & Pretorius ZA 1999 A new pathotype of Puccinia striiformis f. sp. tritici on


0024. Worland AJ 1999 Personal communication.


resistance genes in common wheat (Triticum aestivum L. em. Thell) VIII. Cultivars and advanced breeding lines grown in Finland. Heredity 124: 91-93.


0037. Somers D 2000 Personal communication.


0039. Roder M 1999 Personal communication.


0043. Devos KM 2000 Personal communication.


0048. Lagudah ES 2000 Personal communication.


0080. Dubcovsky J 2000 Personal communication.

0081. Weng, Y, Tuleen NA & Hart G 2000 Extended physical maps and a consensus physical map of the homoeologous group-6 chromosomes of wheat (Triticum aestivum L. em Thell.) Theoretical and Applied Genetics 100: 519-527.

0082. Lillemo M & Morris CF 2000 A leucine to proline mutation in puorindoline b is frequently present in hard wheats from Northern Europe. Theoretical and Applied Genetics 100: 1100-1107.


0086. Bryan GJ, Stephenson P, Collins A, Kirby J, Smith JB & Gale MD 1999 Low levels of DNA sequence variation among adapted genotypes of hexaploid wheat. Theoretical and


0092. Collinge D 2000 Personal communication.

0093. White F 2000 Personal communication.

0094. Musket T 2000 Personal communication.

0095. Hulbert S 2000 Personal communication.

0096. Muthukrishnan S 2000 Personal communication.


00115. Piergiovanni AR & Blanco A 1999 Variation of HMW glutenin and gamma-gliadin subunits in selected accessions of Triticum dicoccum (Schrank) and T. spelta (L.). Cereal Research Communications 27: 205-211.


00120. Dubcovsky J 2000 Personal communication.


0104. Delibes A 2000 Personal communication.


0120. Singh RP 2000 Personal communication.

0121. Williams K 2000 Personal communication.

0122. Thompson J 2000 Personal communication.


0155. Flore G 2001 Personal communication.

0156. Rogers SG 2001 Personal communication.

0157. Bernard M 2001 Personal communication.

0158. Benoist P 2001 Personal communication.

0159. Sharp P 2001 Personal communication.


0162. Wang RC 2001 Personal communication.


0166. Weibull P 2001 Personal communication.


REFERENCES


0194. Shi F & Endo TR 1999 Genetic induction of structural changes in barley chromosomes added to common wheat by a gametocidal chromosome derived from *Aegilops cylindrica*. Genes and Genetic Systems 74: 49-54.


0205. Lillemo M & Morris CF 2000 A leucine to proline mutation in puroindoline b is frequently present in hard wheats from Northern Europe. Theoretical and Applied Genetics 100: 1100-1107.


0213. Seah S, Bariana H, Jahier J, Sivasithamparam K & Lagudah ES 2001 The introgressed segment carrying rust resistance genes *Yr17, Lr37* and *Sr38* in wheat can be assayed by a cloned disease resistance gene-like sequence. Theoretical and Applied Genetics 102: 600-
100 REFERENCES


0239. Cregan P  2002 Personal communication.


0248. Rodriguez Milla MA & Gustafson JP  2001 Genetic and physical characterization of


0252. Sandhu D, Champoux JA, Bondareva SN & Gill KS 2001 Identification and physical localization of useful genes and markers to a major gene-rich region on wheat group 1S chromosomes. Genetics 157: 1735-1747.


0281. Snape JW 2002 Personal communication.

0282. Iwaki K, Nakagawa K & Kato K 2001 The possible candidate for *Vrn-B1* in wheat, as revealed by monosomic analysis of *Vrn* genes carried by Triple Dirk (B), the former *Vrn2*. 


0289. Qi LL & Gill BS 2001 High-density physical maps reveal the dominant gene Ms3 is located in a genomic region of low recombination in wheat and is not amenable to map-based cloning. Theoretical and Applied Genetics 103: 998-1006.


0299. Huang L & Gill BS 2001 An RGA-like marker detects all known Lr21 leaf rust resistance gene family members in Aegilops tauschii and wheat. Theoretical and Applied Genetics 103:


0301. Xie CJ, Sun Q, Ni Z, Yang T, Nevo E & Fahima T 2003 Chromosomal location of a


0338. Long DL, Kolmer JA, Leonard KJ & Hughes ME 2002 Physiologic specialization of


0356. Pueyo A, Figueiras AM & Benito C 2002 Is the Mnr locus of Triticeae species the same as the Ndh and Dia loci? Theoretical and Applied Genetics 104: 513-517.

0357. Smith PH, Koebner RMD & Boyd LA 2002 The development of a STS marker linked to a yellow rust resistance derived from the wheat cultivar Moro. Theoretical and Applied
REFERENCES


0391. Morris CF, DeMacon VL & Giroux MJ 1999 Wheat grain hardness among chromosome 5D homozygous recombinant substitution lines using different methods of measurement. Cereal
Chemistry 76: 249-254.


03117. Amiour N, Jahier J, Tanquy AM, Chiron H & Branlard G 2002 Effect of 1R(1A), 1R(1B) and 1R(1D) substitution on technological value of bread wheat. Journal of Cereal Science 35: 149-160.


Identification of novel low M-r glutenin subunits in the high quality bread wheat cv Salmone and their effects on gluten quality. Theoretical and Applied Genetics 105: 43-49.

10001. Tsunewaki K and Ebona K 1999 Production of near-isogenic lines of common wheat for glaucousness and genetic basis of this trait clarified by their use. Genes and Genetic Systems 74: 33-41.


10013. De Majnik J, Ogbonnaya FC, Moullé D & Lagudah ES 2003 The Cre1 and Cre3 nematode resistance genes are located at homoeologous loci in the wheat genome. Molecular Plant-Microbe Interactions 16: 1129-1134.


10016. Eriksen L, Afshari F, Christiansen MJ, McIntosh RA, Jahoor A & Wellsling CR. 2004 Yr32
for resistance to stripe (yellow) rust present in the wheat cultivar Carstens V. Theoretical and Applied Genetics 108: 567-575.


10059.


10078. Meguro A, Takumi S, Ogihara Y & Murai K 2003 WAG, a wheat AGAMOUS homolog, is associated with development of pistil-like stamens in alloplasmic wheats. Sexual Plant
118

REFERENCES

Reproduction 15: 221-230.


10089. Larroque OR, Gianibelli MC, Laifiandra D, Sharp P & Bekes F 2003 The molecular weight distribution of the glutenin polymer as affected by the number, type and expression levels of HMW-GS. Proceedings of the 10th International Wheat Genetics Symposium, Vol 1: 447-450 Instituto Sperimentale per la Cerealcoltura, Rome, Italy (Pogna NE, Romano N, Pogna EA & Galterio G eds.).


10091. Wang Tao (personal communication).


10109. Huang XQ & Roder MS 2003 High-density genetic and physical mapping of the powdery mildew resistance gene Pm24 on chromosome 1D of wheat. Proceedings 10th International Wheat Genetics Symposium, Vol 3 : 961-964 Instituto Sperimentale per la Cerealcoltura, Rome, Italy (Pogna NE, Romano N, Pogna EA & Galterio G eds.).


10120. Massa AN, Morris CF & Gill BS 2004 Personal communication.


10131. Wrigley CW & McIntosh RA. 1975 Genetic control of factors regulating the phenol reaction of wheat and rye grain. Wheat Information Service 40: 6-11.


REFERENCES

10181. Knox R 2005 Personal communication.
Theoretical and Applied Genetics 108: 1426-1433.


characterization of *Fusarium* head blight resistance in Wangshuibai with simple sequence repeat and amplified fragment polymorphism markers. Genome 47: 1137-1143.


REFERENCES


10233. Mishra AN, Kaushal K, Shirsekar GS, Yadav SR, Brama RN & Pandey HN 2005 Genetic
basis of seedling-resistance to leaf rust in bread wheat 'Thatcher'. Plant Breeding 124: 514-516.


10246. Valarik M, Linkiewicz AM & Dubcovsky J 2006 A microcolinearity study at the earliness per se gene Ep-As1 region reveals an ancient duplication that preceded the wheat-rice divergence. Theoretical and Applied Genetics 112: 945-967.


10306. Lu CM & Lu BR 2005 Molecular characterization of the HMW glutenin genes Dx1.5 + Dy10 from Aegilops tauschii and their PCR-mediated recombinants. Molecular Breeding 15: 247-255.


10312. Law CN, Bhandari DG, Salmon SE, Greenwell PW, Foot IM, Cauvain SP, Sayers EJ &
REFERENCES


10328. Kuraparthy V, Chunneja P, Dhaliwal HS, Kaur S, Bowden RL & Gill BS 2007 Characterization and mapping of cryptic alien introgression from \textit{Aegilops geniculata} with new leaf rust and stripe rust resistance genes \textit{Lr57} and \textit{Yr40} in wheat. Theoretical and


Chu C-G, Faris JD, Friesen TL & Xu SS 2006 Molecular mapping of hybrid necrosis genes *Ne1* and *Ne2* in hexaploid wheat using microsatellite markers. Theoretical and Applied Genetics 112: 1374-1381.


Bariana HS. 2003 Personal communication.


Li GQ, Li ZF, Yang WY, Zhang Y, He ZH, Xu SC, Singh RP, Qu TT & Xia XC 2006 Molecular mapping of stripe rust resistance gene *YrCH42* in Chinese wheat cultivar Chuanmai 42 and its allelism with *Yr24* and *Yr26*. Theoretical and Applied Genetics 112: 1434-1440.


European wheat cultivars. Euphytica 149: 327-342.


10347. Cowling SG, Brule-Babel AL, Somers DJ & Lamari L 2006 Identification and mapping of Stb13, an isolate-specific wheat resistance gene to isolate MG96-36 (group 1) of Mycosphaerella graminicola. Manuscript

10348. Brule-Babel AL 2007 Personal communication.


10357. He ZH, Xu ZH, Xia LQ, Xia XC, Yan J, Zhang Y & Chen XM 2006 Genetic variation for waxy proteins and starch properties in Chinese winter wheats. Cereal Research Communications 34: 1145-1151.


10373. Spielmeyer W 2007 Personal communication.

10374. Spielmeyer W, McIntosh RA, Kolmer J & Lagudah ES 2005 Powdery mildew reaction and Lr34/Yr18 genes for adult plant resistance to leaf rust and stripe rust cosegregate at a locus on the short arm of chromosome 7D of wheat. Theoretical and Applied Genetics 111: 731-735.


10381. Zhao HX, Liu XM & Chen M-S 2006 H22, a major resistance gene to the Hessian fly (Mayetiola destructor), is mapped to the distal region of chromosome 1DS. Theoretical and
Applied Genetics 113: 1491-1496.


10397. Jyoti JL, Qureshi JA, Michaud JP & Martin TJ 2006 Virulence of two Russian wheat aphid
biotypes to eight wheat cultivars at two temperatures. Crop Science 46: 774-780.


10413. Lu HJ & Faris JD 2006 Macro- and microcolinearity between the genomic region of wheat chromosome 5B containing the *Tsn1* gene and the rice genome. Functional and Integrative Genomics 6: 90-103.


10434. Huang XQ, Cloutier S, Lycar L, Radovanovic N, Humphreys DG, Noll JS, Somers DJ &


10444. Somers DJ  2007  Personal communication.


10468. Yang Y, Zhao XL, Xia LQ, Chen XM, Xia XC, Yu Z, He ZH & Roder M 2007 Development and validation of a *Viviparous-1* STS marker for pre-harvest sprouting in


10474. Lapitan NLV, Peng JH & Sharma V 2007 A high-density map and PCR markers for Russian wheat aphid resistance gene Dn7 on chromosome 1RS/1BL. Crop Science 47: 811-820.


resistance genes located on wheat chromosome 2BS. Manuscript.


10519. Cao AQ, Wang XE, Chen YP, Zou ZW & Chen PD 2006  A sequence-specific PCR marker linked with Pm21 distinguishes chromosomes 6AS, 6BS, 6DS of *triticum aestivum* and 6VS of *Haynaldia villosa*.  Plant Breeding 125: 201-205.


10538. Lagudah ES. 2007 Personal communication.


10549. Faris JD et al. 2008 Manuscript.


molecular breeding. Plant Breeding 127: 116-120.


REFERENCES


10587. Cabellero L, Bancel E, Debiton C & Branlard G 2008 Granule-bound starch synthase


REFERENCES


10638. Khlestkina EK, Roder MS & Borner A 2009 Identification of glume coloration genes in synthetic hexaploid and common wheats. eWIS-2009-0006


10647. Zhao JL, Chen MS, Ma YM, Li RJ, Ren YP, Sun QQ & Li SS 2009 QTL mapping for quality traits of Chinese dry noodle. Agriculture Sciences in China 8: 394-400.


10656. McIntosh et al. 2008 GeneCat


10658. Sun YW, He XY, He ZH & Xia XC 2009 GenBank registration


spring wheat cultivar IDO377s. Theoretical and Applied Genetics 121: 195-204.


10683. Croley NA 2010 Personal communication.


10688. Faris JD & Friesen TL 2009 Reevaluation of a tetraploid wheat population indicates that the Tsn1-ToxA interaction is the only factor governing Stagonospora nodorum blotch susceptibility. Phytopathology 99: 906-912.


10691. Marais GF, Badenhorst PE, Eksteen & Pretorius ZA 2010 Reduction of Aegilops
sharonensis chromatin associated with resistance genes Lr56 and Yr38 in wheat. Euphytica 171: 15-22.


10697. Singh D, Park RF, McIntosh RA & Bariana HS 2008 Characterisation of stem rust and stripe rust seedling resistance genes in selected wheat cultivars from the United Kingdom. Journal of Plant Pathology 90: 553-556.


10699. Anonymous 2008 Cereal Rust Bulletin No. 10. Cereal Disease Laboratory, USDA, University of Minnesota, St Paul, MN, USA


10704. Bansal U 2010 Personal communication.


10725. Abeysekara NS, Friesen TL, Keller B & Faris JD 2009 Identification and characterization of a novel-toxin interaction in the wheat-Stagonospora nodorum pathosystem. Theoretical and


10754. Sharp PJ 2010 Personal communication.


10758. Cowger C, Parks R & Marshall D 2009 Appearance of powdery mildew of wheat caused by Blumeria graminis f. sp. tritici on Pm17-bearing cultivars in North Carolina. Plant Disease
Zhang P, McIntosh RA, HoXha S, Dong CM 2009 Wheat stripe rust resistance genes Yr5 and Yr7 are allelic. Theoretical and Applied Genetics 120: 25-29.


Sood S, Kuraparth V, Bai GH & Bill BS 2009 The major threshability genes soft glume (sog) and tenacious glume (Tg), of diploid and polyploid wheat, trace their origin to independent mutations at non-orthologous loci. Theoretical and Applied Genetics 119: 341-351.

Kuraparth V, Sood S, See DR & Gill BS 2009 Development of a PCR assay and marker-assisted transfer of leaf rust and stripe rust resistance genes Lr57 and Yr40 into hard red winter wheats. Crop Science 49: 120-126.


Qi LL, Pumphrey MO, Friebe B, Qian C, Bowden RL, Rouse MN, Jin Y & Gill BS 2011 A novel Robertsonian event leads to transfer of a stem rust resistance gene (Sr52) effective against race Ug99 from Dasypyrum villosum into wheat. Theoretical and Applied Genetics 123: 153-167.

Liu W, Seifers DL, Qi LL, Pumphrey MO, Friebe B & Gill BS 2011 A compensating
wheat-Thinopyrum intermedium Robertsonian translocation conferring resistance to wheat streak mosaic virus and Triticum mosaic virus. Crop Science 51: 2382-2390.


10783. Wang SW, Knox RE, DePauw RM, Clarke FR, Clarke JM & Thomas JB 2009 Markers to a common bunt resistance gene derived from 'Blizzard' wheat (Triticum aestivum L.) and mapped to chromosome arm 1BS. Theoretical and Applied Genetics 119: 541-553.


10809. Carmona S, Alvarez JB & Caballero L 2010 Genetic diversity for morphological traits and


10813. Appelbee MJ 2011 Personal communication.


10834. Schnurbusch T, Langridge P & Sutton T 2008 The Bo1-specific PCR marker AWW5L7 is predictive of boron tolerance status in a range of exotic durum and bread wheats. Genome 51: 963-971.


10850. Bansal U et al. 2011 Personal communication.

10851. Bansal U et al. 2011 Personal communication.


10861. Singh RP et al. Lr34/Yr18/Pm38/Ltn1 confers slow rusting, adult plant resistance to Puccinia graminis f.sp. tritici. Manuscript in preparation


10880. Chu C-G, Tan CT, Yu GT, Xu SS & Lan L 2011 A novel retrotransposon inserted in the...


10895. Wiebe K, Harris NS, Faris JD, Clarke JM, Knox RE, Taylor GJ & Pozniak CJ 2010
Targeted mapping of Cdu1, a major locus regulating grain cadmium concentration in durum wheat (Triticum turgidum L. var durum). Theoretical and Applied Genetics 121: 1047-1058.


10903. Barcellos Rosa S et al. 2012 Personal communication

10904. Thomas J et al. 2012 Personal communication


10911. Singh D et al. 2012 Draft manuscript

10912. Xiao MG et al. 2012 Molecular identification of genes conferring resistance to powdery mildew in Chinese wheat landraces. I. PmHYLZ, on chromosome 7BS in Hongyanglazi. Manuscript

10913. Dubcovsky JD 2012 Personal communication


