

Referred Journal Articles

- Aswathnarayana¹, N., Bhatele¹, P., Tripathi, S., Kanwarpal, D., Gill, K., & Randhawa, G.S. (submitted). Molecular characterization of cluster bean (*Cyamopsis tetragonoloba* L. Taub) landraces with RAPD and ISSR markers. *Genetic Resources and Crop Evolution* (submitted)
- Dilpreet S Brar, Ian C Burke, Joseph P Yenish, Jared Bell, and Kulvinder Gill. 2011. Inheritance and Physiological Basis for 2,4-D Resistance in Prickly Lettuce (*Lactuca serriola* L.). *J Agric Food Chem* 59 (17): 9417-9423.
- PS Baenziger, I Dweikat, KS Gill, K Eskridge, T Burke, M Shah, BT Campbell, ML Ali, N Mengistu, A. Mahmood, A. Auvuchanon, Y Yen, S Rustgi, B Moreno-Sevilla, A Mujeeb-Kazi, and MR Morris. 2011. Understanding Grain Yield: It Is a Journey, Not a Destination. *Czech J. Genet. Plant Breed.* 47:S77–S84.
- Navdeep S Mutti, Adam G Dolezal, Florian Wolschin, Jasdeep S Mutti, Kulvinder S Gill, Gro V Amdam. 2011. IIS and TOR nutrient-signaling pathways act via juvenile hormone to influence honey bee caste fate. *The Journal of Experimental Biology* 214: 3977-3984 doi:10.1242/jeb.061499.
- Hyejin Lee, Sachin Rustgi, Neeraj Kumar, Ian Burke, Joseph P. Yenish, Kulvinder S. Gill, Diter von Wettsteina, and Steven E. Ullrich. 2011. Single nucleotide mutation in the barley acetohydroxy acid synthase (AHAS) gene confers resistance to imidazolinone herbicides. *Proc Natl Acad Sci USA* vol. 108 no. 21 8909-8913 doi: 10.1073/pnas.110561210
- Jasdeep S Mutti, P. Stephen Baenziger b, R. A. Graybosch, Roy French, and Kulvinder S Gill 2011. Registration of seven winter wheat germplasm lines carrying *Wsm1* gene for wheat streak mosaic virus resistance. *Journal of Plant Registrations*: 5 (3):414-417.
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- Ali, M.L., Baenziger, P.S., Ajlouni, Z.A., Campbell, B.T., Gill, K.S., Eskridge, K.M., Mujeeb-Kazi, A., Dweikat, I. 2011. Mapping QTL for agronomic traits on wheat chromosome 3A and a comparison of recombinant inbred chromosome line populations. *Crop Science* 51:553-566.
- Dilpreet S. Riar, Sachin Rustgi, Ian C. Burke, Kulvinder S. Gill, and Joseph P. Yenish. 2011. EST-SSR development from five *Lactuca* species and their use in studying genetic diversity among *L. serriola* biotypes. *J. Heridity* 102(1):17-28.
- Xiaojuan Mi, Kent Eskridge, Dong Wang, P. Stephen Baenziger, B. Todd Campbell, Kulvinder S. Gill, and Ismail Dweikat. 2010. Bayesian mixture structural equation modeling in multiple-trait QTL mapping. *Genetics Research* 92:239-250, doi:10.1017/S0016672310000236

- Xiaojuan Mi, Kent Eskridge, Dong Wang, P. Stephen Baenziger, B. Todd Campbell, Kulvinder S. Gill, Ismail M. Dweikat, J A Bovaird. 2010. Regression-Based Multi-Trait QTL Mapping Using a Structural Equation Model. *Statistical Applications in Genetics and Molecular Biology* 9(1): 22 pages, DOI: 10.2202/1544-6115.1552
- Jasdeep S. Mutti, Devinder Sandhu, Deepak Sidhu, Kulvinder S. Gill. 2010. Dynamic nature of a wheat centromere with a functional gene. *Molecular Breeding* 26 (2): 177-187. 10.1007/s11032-009-9389-1
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