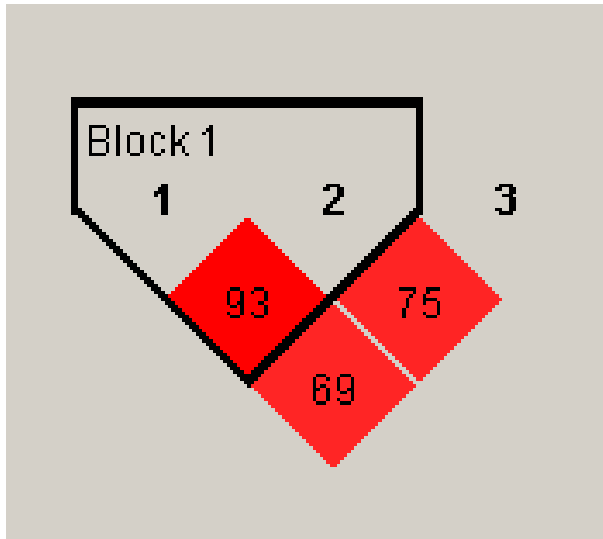


Linkage Disequilibrium

Haploview 4.2



LD Plot

1: Speedgene polymorphism (intron 1 of *MSTN*)

2: INS227bp

3: BIEC2 (BIEC2-417495)

Haploview 4.2

29 April, 2008

<http://www.broadinstitute.org/haploview/haploview>

Citation: Barrett JC, Fry B, Maller J, Daly MJ.

Haploview: analysis and visualization of LD and haplotype maps. *Bioinformatics*. 2005

Daly Lab at the Broad Institute
Cambridge, MA 02141, USA

Jeffrey Barrett

Julian B. Maller

David J. Bender

Jesse C. Whitworth

haploview@broad.mit.edu

Haploview can be cited with the following [paper](#):

Barrett JC, Fry B, Maller J, Daly MJ. Haploview: analysis and visualization of LD and haplotype maps. Bioinformatics. 2005 Jan 15 [PubMed ID: 15297300]

Citations: 7340 (January 2015)

LD in the Hill article, BMC Genomics, 2010:

- LD was highest between g.66493737C>T and BIEC2-417495 ($r^2 = 0.86$).
- LD between g.66493737C>T and Ins227bp was $r^2 = 0.73$

SHESis (<http://analysis.bio-x.cn/myAnalysis.php>)

r^2 :	INS227bp	BIEC2
speedgene	0.931	0.699
INS227bp	-	0.758

D' :	INS227bp	BIEC2
speedgene	1.000	0.915
INS227bp	-	0.919

Cite "Shi YY, He L. SHESis, a powerful software platform for analyses of linkage disequilibrium, haplotype construction, and genetic association at polymorphism loci. *Cell Res*. 2005 Feb;15(2):97-8." if you used this platform for research study.

Citations: 774 (January 2015)