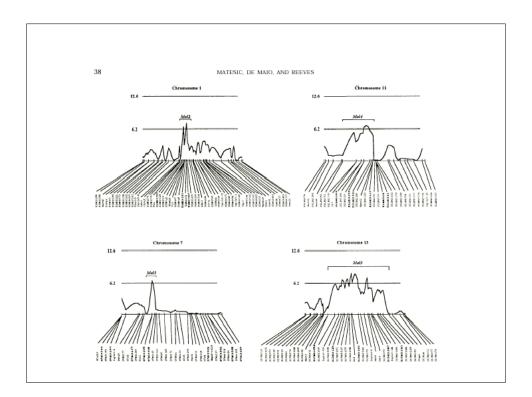
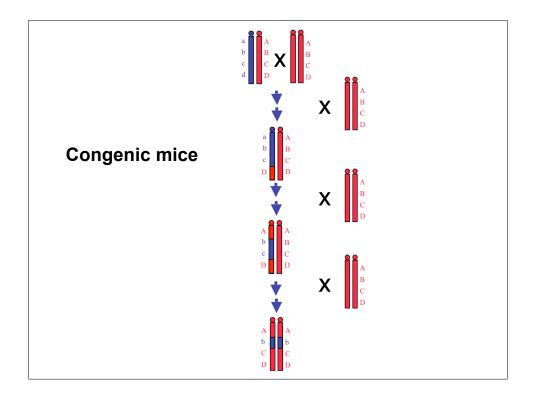
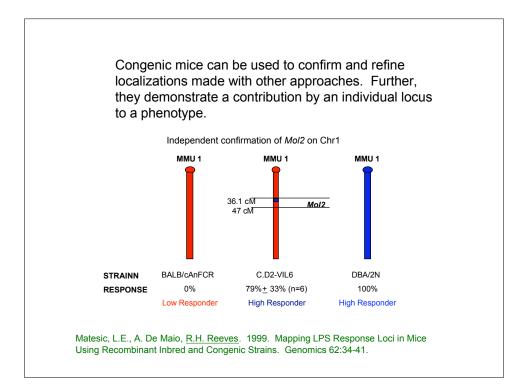
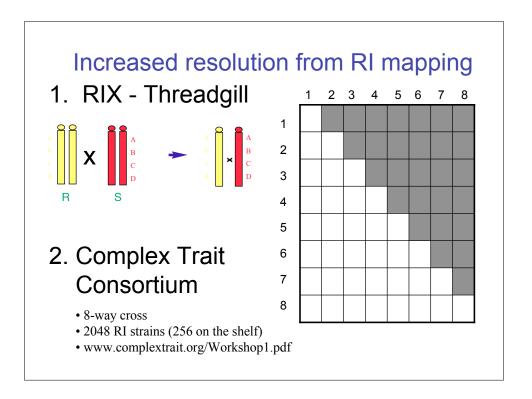


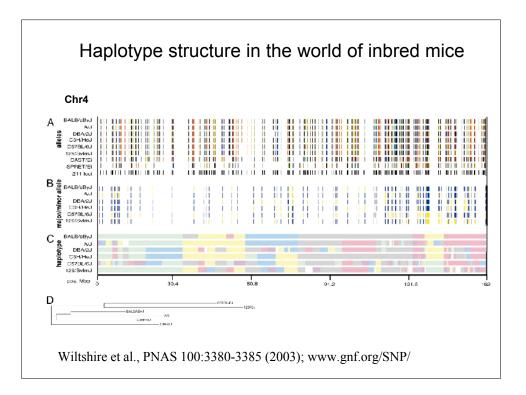
| Strain d | istributio | n pa | ttern | s for | Ctla | 6 an | d othe | er loo | ci on | Chr | 14 in | the | BXD R | l straii | 1 | |
|----------|---------------------|------------------------------------|---|------------------------------------|--------------------------------------|-------------------------|------------------------------------|----------------|---------------|---------------|---------------|---------------|------------------|----------|---|--|
| | | | | | | se | <u>t.</u> | | | | | | | | _ | |
| | Locus | 1 | 2 | 5 | 6 | 8 | 9 ~ | 11 | 12 | 13 | 16 | 18 | 22 | | | |
| | Np2 Tcra Rib1 | B B | D D | B D B | D B D | D D D | | D) [D | D C D | В D B | B B B | B I B | в в в х | | | |
| | Ctla6 | В | D | В | D | D | D | D | D X | В | В х | В х | D | | | |
| | Rb1 Es10 | B B | - | B B | | | D D | | | B B | | D D | D D | | | |
| | R H | Pre- tru lighl tock mi | geno say le m y be c of g ice) | ome the lean nefi gene | sca "san anc cial etic v | ne" i 1 dev for q | ndivi viatio luant tion (| n fo itativ | r va ve tr | riabl aits | e tra | its) | | | | |
| | S | mal | l stra | ain s | sets | | e limi low re | | | | • | | pass. | | | |

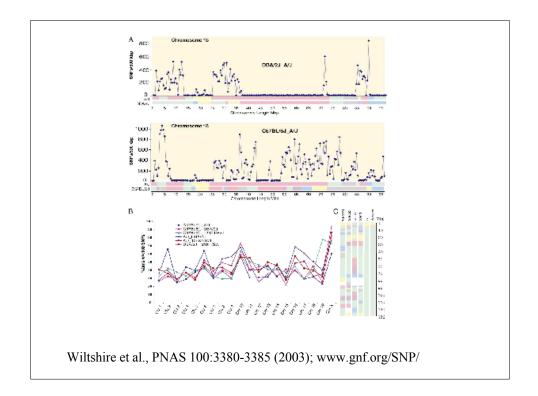




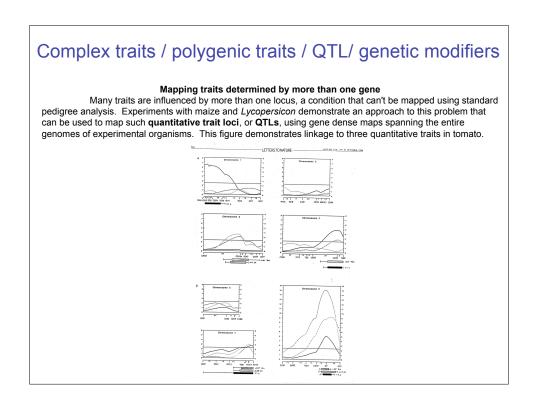


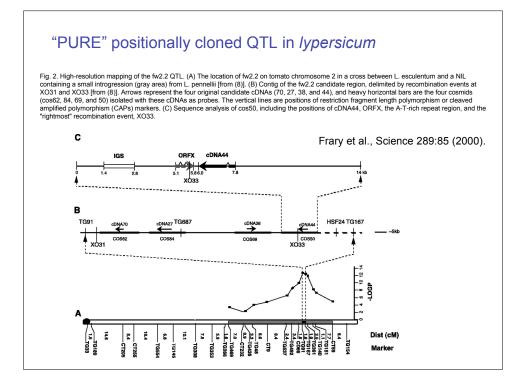


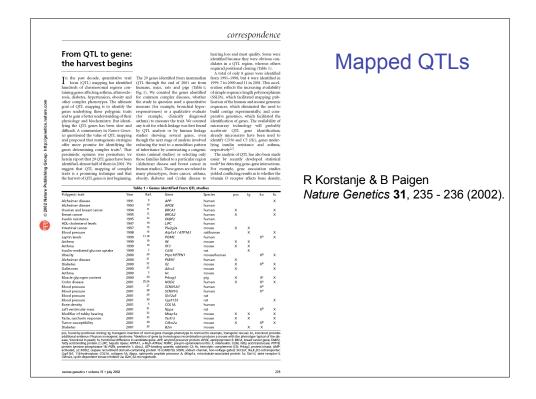




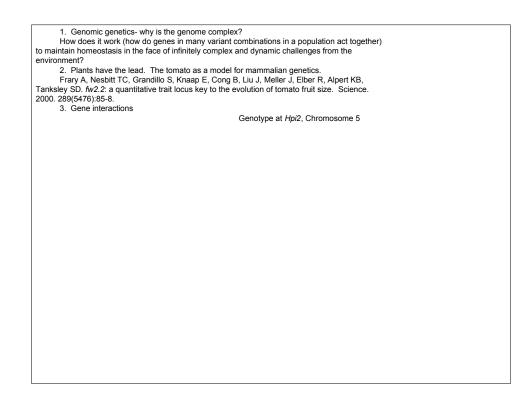
| Ν | lapping | W | ith hapl | oty | ype | es: | Т | yr | | |
|--------------|---|--------|----------------------------|----------|--------|-------|------------|--------------|-------------|--|
| | | | | | | Ţ | | | | |
| | -1,000 | -50 | | | | | | 00 350 | 1,000 kb | |
| 129/SvimJ | | A | CTG DEL A | | | | | | | |
| DBA/2J | AT | A | CTG DELA | | | | | | | |
| C3H/HeJ | TA 🦛 | A | CTG DELA | | | | | | | |
| NZB/BINJ | AT 4 | A | | | | | | | C INS TT | |
| C57BL/8J | AD 45 | Т | TAA INS T | | | | | | | |
| C58/J | A GA | Т | _ | TG | AG | Α. | A (| | G DEL CC | |
| A/J | GA GA | т | TAA INS T | ТА | CA | C I | c · | TA CGG | C INS TT | |
| AKR/J | GA GA | Ť | TAA INS T | TA | CA | C I | ċ. | TA COO | C INS TT | |
| BALB/cBy. | J~🔅 GA | т | TAA INS T | TA | CA | C (| c - | ta Coo | C INS TT | |
| NOD/LtJ | ~, 🖓 GA | т | TAA INS T | TA | CA | C (| с : | ta CGG | C INS TT | |
| SJL/J | | т | TAA INS T | TA | CA | C | с : | ta CGG | C INS TT | |
| FVB/NJ | ~,-,-,-;> GA | Т | TAA INS T | TA | CA | C | 0 | ta cgg | C INS TT | |
| Figure 5 Ass | ociation betwe | en a s | single haplotype | and | the al | hinis | sm n | henotype | caused by a | |
| • | | | ^o . Columns sho | | | | | | , | |
| | , | | centre of the | | | | | | | |
| | | | 35). The causa | | | • | | | | |
| l. | | | een phenotype | | | | | · · | | |
| | | | haplotype back | | | | | | | |
| | | - | 0 kb before Tvr | <u> </u> | | | | | | |
| albinism mut | , | 10 | 0100 001010 Tyl | 10 L | 00100 | anto | , | i, intoly to | | |
| dibinishi hu | auon. | | | | | | | | | |







8



| | | A/A | | A/B | | B/B | | Totals | |
|-------------------|--------|------|--------------|------|--------------|-------|--------------|--------|--------------|
| | A/A | 33.5 | <u>+</u> 4.6 | 35.6 | <u>+</u> 4.8 | 35.6 | <u>+</u> 6.9 | 35.0 | <u>+</u> 3.0 |
| | | (9) | | (12) | | (8) | | | |
| Genotype at Hpi1, | A/B | 28.9 | <u>+</u> 5.0 | 35.7 | <u>+</u> 3.0 | 37.8 | <u>+</u> 4.8 | 34.9 | <u>+</u> 2.3 |
| Chromosome 13 | | (11) | | (40) | | (11) | | | |
| | B/B⁵ | 42.5 | <u>+</u> 4.1 | 44.7 | <u>+</u> 5.3 | 69.9° | <u>+</u> 5.5 | 54.8 | <u>+</u> 4.3 |
| | | (2) | | (14) | | (11) | | | |
| | Totals | 22.0 | | 27.6 | | 49.0 | 142 | 20 F | . 10 |
| | Iotais | 32.0 | <u>+</u> 3.2 | 37.6 | <u>+</u> 2.3 | 49.0 | <u>+</u> 4.3 | 39.5 | <u>+</u> 1.9 |
| | I | | l | | ļ | | | | |

^a Avg. number of PMN per n.p.t. <u>+</u> s.e. are given for (n) animals of each genotype class.^a Mice with a B/B genotype at *Hpi1* showed significantly higher PMN infiltration values than other *Hpi1* genotypes (p=1.22 X 10-4, t-test assuming unequal variance)^c Mice with a B/B genotype at both Hpi1 and Hpi2 showed significantly higher PMN infiltration than other genotype classes (p=7.83X10-5, t-test assuming unequal variance) Matesic, LE, EL Niemitz, A De Maio, and RH Reeves. 2000. Quantitative trait loci modulate neutrophil infiltration in the liver during LPS-induced inflammation. FASEB Journal 14:2247-54.

