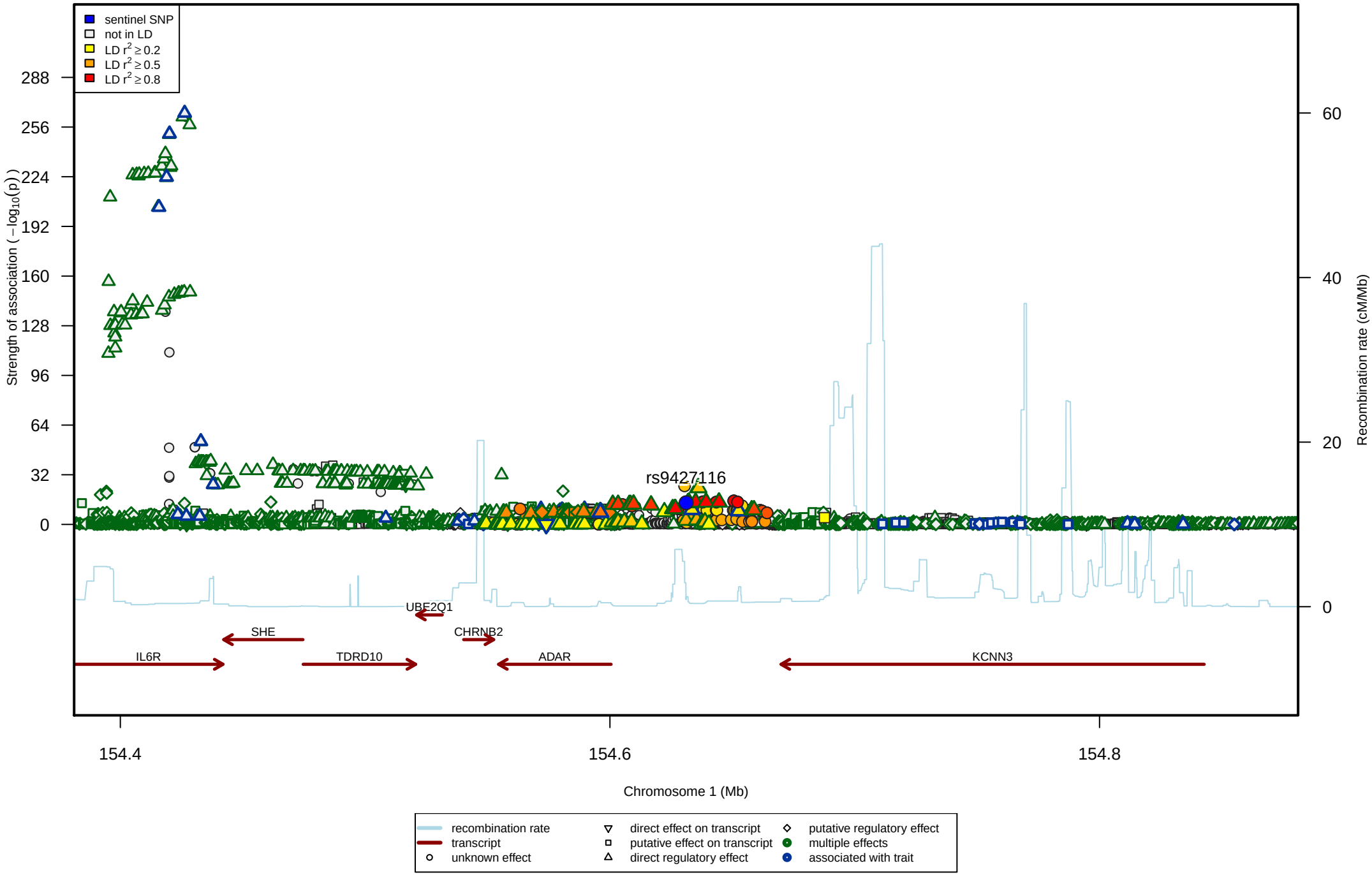

Locus: 296 Probe: 4139−71_2 Target gene(s): IL6R
sentinel SNP
not in LD
LD r2 ≥ 0.2
LD r2 ≥ 0.5
LD r2 ≥ 0.8
Strength of association (−log10(p))
288
256
224
192
160
128
96
64
32
0
60
40
20
0
Recombination rate (cM/Mb)
rs9427116
UBE2Q1
SHE
CHRNB2
IL6R
TDRD10
ADAR
KCNN3
154.4
154.6
154.8
Chromosome 1 (Mb)
recombination rate
transcript
unknown effect
direct effect on transcript
putative effect on transcript
direct regulatory effect
putative regulatory effect
multiple effects
associated with trait