From Coop disc:

Look for systematically (network) related genes as target of selection

See: if select on specific phenotype, does network light up?

~prior information of biology assists in identifying rarer causative alleles

PCA of express of orthologs boty/ eud?

Do these cluster by path/ plant or pair up within plant (e.g. species or domestication)

Operon-like/ gene clusters (in metabolon): how high does linkage have to be? Perfect LD?

Epistasis within gene clusters (vs within genes, across genome…)

Without pleiotropy?

How to validate candidate genes?

Clustering within networks =/= validation

Systems/ molecular/ physio—everything in biological epistasis

Vs. evo gen have to assume low (statistical) epistasis for evolution to occur

Major effects >> higher-order interactions

21 nt sRNAencoded by Botry retrotransposons (LTR) silencing immune genes? (Weiberg 2013)

Expect genotypes with more derived immune genes to exhibit higher resistance

Or overexpressing target immune genes

Natural variation for fungal siRNA and plant target seq?

Transposons… ? any polymorphisms within the 100 botrytis accessions?

Large blocks of LD??

Basic fungal biology: meiosis? Life cycle?

PCD induced in botrytis by plant defenses