Strict Modularity Genotype Phenotypes **Fitness** Genotype Phenotypes **Fitness** Mutant 1 Mutant 1 Mutant 2 Mutant 2 Mutant 3 Mutant 3 Mutant 4 Mutant 4 Mutant 5 Mutant 5 Mutant 6 Mutant 6 Mutant 7 🗸 Mutant 7 Mutant 8 Mutant 8 Mutant 9 Mutant 9 Fitness in Fitness in Mutant 10 Mutant 10 the local a distant Mutant 11-Mutant 11 ← environment environment Mutant 12 ◀ Mutant 12 Mutant 13 Mutant 13 Mutant 14 Mutant 14 Mutant 15 Mutant 15 Mutant 16 Mutant 16 Mutant 17 Mutant 17 Mutant 18 Mutant 18 Mutant 19 Mutant 19 Mutant 20 Mutant 20 B Fitness-Relevant Modularity

