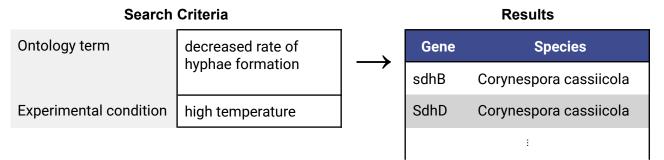
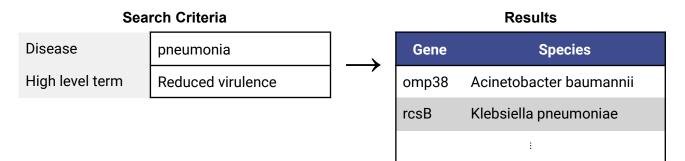
Supplementary Figure 1: PHI-base 5 advanced search feature, Examples E to G.

Examples are: (**E**) searching for genes in an interaction annotated with a specific PHIPO phenotype, with a specified experimental variable (high temperature); (**F**) searching for genes that are associated with less virulent forms of pneumonia (where the gene is either wild-type or mutated); (**G**) searching for genes in wild-type interaction phenotypes that are used as control cases for mutant interaction phenotypes; (**H**) searching for genes in all publications published in a single year. Vertical dots indicate that search results have been omitted for brevity.

E. Searching by experimental condition



F. Searching by disease



G. Searching by phenotype with wild-type controls

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| Sea | Results | | |
|---|--|-------|------------------|
| Annotation type Annotation Extension type | Pathogen-host interaction phenotype | Gene | Species |
| | | See1 | Botrytis cinerea |
| | compared_to_control | Erg27 | Botrytis cinerea |
| | | | ÷ |

H. Searching by publication date

| Publication year | Single | 2010 | Gene | Species |
|------------------|--------|------|-----------|------------------------|
| | | | AVR-Pita1 | Magnaporthe oryzae |
| | | | рорѠ | Ralstonia solanacearum |
| | | | | : |