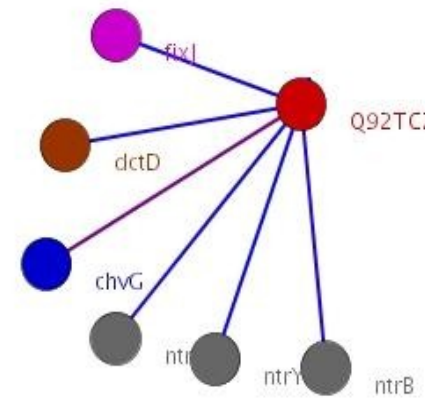
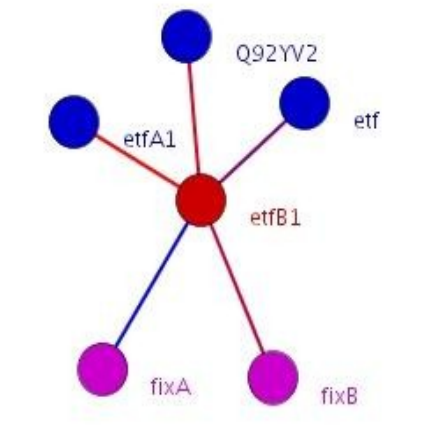


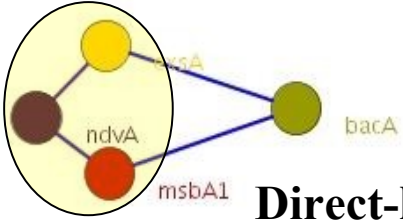
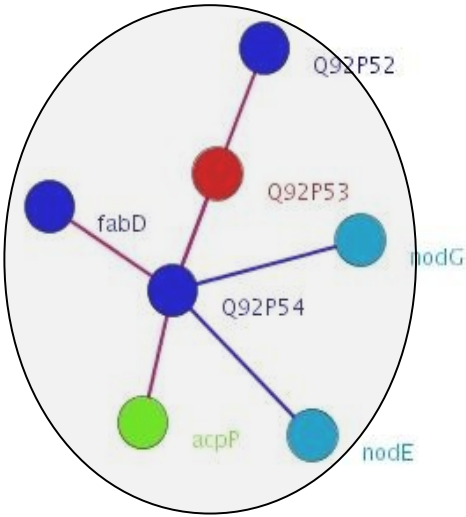
A

Direct-high scenario



Direct-low scenario

Indirect-high module scenario



Direct-low module scenario

|  |                      |
|--|----------------------|
|  | Fn profile           |
|  | Regulator            |
|  | Suspicious           |
|  | Nitrogen fixation    |
|  | lipopolysac synt     |
|  | Nitrogen metab       |
|  | 8/7 phenotypes       |
|  | Nodulation           |
|  | Glucan synthesis     |
|  | Nitrogen metab       |
|  | Nitrogen fixationin  |
|  | Species-specific     |
|  | Exopolysac synthesis |
|  | Fatty acid synth     |
|  | Hydrogenese synth    |
|  | Bacterioide sensor   |
|  | KPS synth            |

B

