(a) Average of Six Reference Proteomes

- 68% Contain a Pfam Domain
- 32% no protein domain
- 19% GO function of domain unknown
- 16% other molecular functions
- 15% PFAM domains
- 15% transcription regulator activity
- 11% hydrolase activity
- 9% transferase activity
- 7% nucleic acid binding
- 7% protein binding
- 6% binding
- 5% nucleic acid binding
- 5% transferase activity
- 4% hydrolase activity
- 3% nucleic acid binding
- 3% protein binding
- 2% other molecular functions
- 2% transcription regulator activity
- 1% GO function of domain unknown

(b) Linepithema humile

- SNAP - ab initio
  - 15% PFAM domains
  - 85% no protein domain
- MAKER2 - SNAP
  - 56% PFAM domains
  - 44% no protein domain

- 15% Contain a Pfam Domain
- 56% Contain a Pfam Domain

(c) Schmidtea mediterranea

- SNAP - ab initio
  - 6% PFAM domains
  - 94% no protein domain
- MAKER2 - SNAP
  - 52% PFAM domains
  - 48% no protein domain

- 6% Contain a Pfam Domain
- 52% Contain a Pfam Domain