

# **Prosite**

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# Chapter 1

## Prosite

### 1.1 Prosite

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Neutrophil bactericidins signatures  
Endothelin family signature  
Plant thionins signature  
Gamma-thionins family signature  
Snake toxins signature  
Myotoxins signature  
Heat-stable enterotoxins signature  
Aerolysin type toxins signature  
Shiga/ricin ribosomal inactivating toxins active site signature  
Channel forming colicins signature  
Hok/gef family cell toxic proteins signature  
Staphylococcal enterotoxins / Streptococcal pyrogenic exotoxins signatures  
Thiol-activated cytolytic proteins signature  
Membrane attack complex components / perforin signature  
Pancreatic trypsin inhibitor (Kunitz) family signature  
Bowman-Birk serine protease inhibitors family signature  
Kazal serine protease inhibitors family signature  
Soybean trypsin inhibitor (Kunitz) protease inhibitors family signature  
Serpins signature  
Potato inhibitor I family signature  
Squash family of serine protease inhibitors signature  
Streptomyces subtilisin-type inhibitors signature  
Cysteine proteases inhibitors signature  
Tissue inhibitors of metalloproteinases signature  
Cereal trypsin/alpha-amylase inhibitors family signature  
Alpha-2-macroglobulin family thiolester region signature  
Disintegrins signature  
Lambdoid phages regulatory protein CIII signature  
Chaperonins cpn60 signature  
Chaperonins cpn10 signature  
Chaperonins TCP-1 signatures  
Heat shock hsp20 proteins family profile  
Heat shock hsp70 proteins family signatures  
Heat shock hsp90 proteins family signature  
Chaperonins clpA/B signatures  
DnaJ domains signatures  
Bacterial type II secretion system protein D signature  
Bacterial type II secretion system protein E signature  
Bacterial type II secretion system protein F signature  
Bacterial export FHIPEP family signature  
Protein secY signatures  
Gram-negative pili assembly chaperone signature  
SRP54-type proteins GTP-binding domain signature  
Cytochrome c oxidase assembly factor COX10/ctaB/cyoE signature

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Cyclin-dependent kinases regulatory subunits signatures  
Pentaxin family signature  
Immunoglobulins and major histocompatibility complex proteins signature  
Prion protein signatures  
Cyclins signature  
Proliferating cell nuclear antigen signature  
Arrestins signature  
AAA-protein family signature  
Ubiquitin family signature  
ADP-ribosylation factors family signature  
SAR1 family signature  
Beta-transducin family Trp-Asp repeats signature  
Ras GTPase-activating proteins signature  
Guanine-nucleotide dissociation stimulators CDC24 family signature  
Guanine-nucleotide dissociation stimulators CDC25 family signature  
MARCKS family signatures  
Stathmin family signature  
GTP-binding elongation factors signature  
Elongation factor 1 beta/beta'/delta chain signatures  
Eukaryotic initiation factor 4E signature  
Eukaryotic initiation factor 5A hypusine signature  
Initiation factor 3 signature  
Prokaryotic-type peptide chain release factors signature  
Transcription termination factor nusG signature  
Calreticulin family signatures  
Calsequestrin signatures  
S-100/ICaBP type calcium binding protein signature  
Hemolysin-type calcium-binding region signature  
HlyD family secretion proteins signature  
P-II protein signatures  
14-3-3 proteins signatures  
BTG1 family signature  
G10 protein signatures  
GTP1/OBG family signature  
HIT family signature  
Caseins alpha/beta signature  
Clathrin adaptor complexes medium chain signatures  
Clathrin adaptor complexes small chain signature  
Ependymins signatures  
Epimorphin family signature  
Extracellular proteins SCP/Tpx-1/Ag5/PR-1/Sc7 signatures  
Legume lectins signatures  
Vertebrate galactoside-binding lectin signature  
Lysosome-associated membrane glycoproteins signatures  
Glycophorin A signature  
Oxysterol-binding protein family signature  
Yeast PIR proteins repeats signature  
Seminal vesicle protein I repeats signature  
Seminal vesicle protein II repeats signature  
Serum amyloid A proteins signature  
Spermadhesins family signatures  
Stress-induced proteins SRP1/TIP1 family signature  
Syndecans signature  
Tissue factor signature  
Translationally controlled tumor protein signatures  
HCP repeats signature  
Bacterial ice-nucleation proteins octamer repeat

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Cell cycle proteins ftsW / rodA / spoVE signature  
Enterobacterial virulence outer membrane protein signatures  
Staphylocoagulase repeat signature  
11-S plant seed storage proteins signature  
Dehydrins signatures  
Germin family signature  
Oleosins signature  
Small hydrophilic plant seed proteins signature  
Pathogenesis-related proteins BetvI family signature  
Pollen proteins Ole e I family signature  
Thaumatococcus family signature  
Hypothetical YCR59c/yigZ family signature

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