

**UniProtKB/Swiss-Prot 55.5
390000+ entries**

**Protein Data Bank
50000+ PDB entries**

**Subcellular annotation and
PDB cross-reference**

**5278 Uniprot entries matched 16311 PDB entries
(which contain 35820 protein chains)**

PISCES filter 90% sequence id

3713 PDB Chains

EXCLUDE

1048 chains from extracellular

90 chains from chloroplast

20 chains in calculation failures

534 chains > one subcellular compartment

2021 PDB Chains



Nucleus	490	Mitochondrion	205
Vacuole	15	Endoplasmic Reticulum	70
Cytoplasm	1096	Peroxisome	34
Lysosome	42	Golgi	69